

# PROFESSIONAL SERVICE CONTRACT TRANSMITTAL RECORD

**APPROVED**

DEC 01 2014

Insurance Requirement

ACCOUNTS PAYABLE WILL HOLD UP ALL CONTRACT PAYMENTS UNTIL ALL INSURANCE CERTIFICATES/POLICIES REQUIRED UNDER THE CONTRACT HAVE BEEN RECEIVED. CONTRACTORS SHOULD BE MADE AWARE OF THIS REQUIREMENT.  
8193

CONTRACT PO NUMBER: 2876243  
STANDARD PO NUMBER: 2876244

TYPE OF CONTRACT: (Check One) <input type="checkbox"/> CONSTRUCTION/DEMOLITION <input type="checkbox"/> LEASE <input type="checkbox"/> DEED <input checked="" type="checkbox"/> PROFESSIONAL SERVICES	DEPARTMENT HEAD'S SIGNATURE  <b>RON BRUNDIDGE</b> DIRECTOR	DEPARTMENT <b>DPW/CITY ENGINEERING</b>	REVISION 1
FUNDING SOURCE (Percent) <b>FEDERAL 65% STATE 0% CITY 35% (STREET FUND)</b>	DEPARTMENT CONTACT PERSON <b>ADRIENNE SMITH</b>	PHONE NO. <b>224-3950</b>	REVISION 1
CONTRACTOR'S NAME: <b>HNTB MICHIGAN, INC.</b>		DATE PREPARED <b>9/17/14</b>	
CONTRACTOR'S ADDRESS: <b>535 GRISWOLD ST, SUITE 1100 DETROIT, MICHIGAN 48226-3605</b>	<input type="checkbox"/> CONTRACT <input checked="" type="checkbox"/> CHANGE	AMOUNT <b>\$1,571,306.34</b> ORIG TOTAL <b>\$ 46,897.11</b> INCREASE <b>\$1,618,203.45</b> NEW TOTAL	

PHONE NO. **313-961-3330**,    FAX: **313-961-4430**     CORPORATION    PARTNERSHIP    INDIVIDUAL

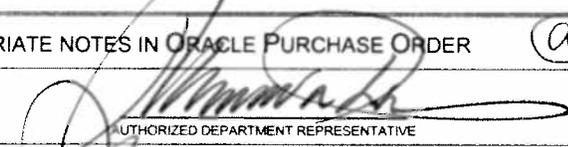
FEDERAL EMPLOYER/SOCIAL SECURITY NUMBER: **43-1628395**    MINORITY FIRM    YES    NO

PURPOSE OF CONTRACT: **AMENDMENT #1 INCREASE OF \$46,897.11 TO PROFESSIONAL SERVICES CONTRACT TO PROVIDE CONSTRUCTION ENGINEERING & INSPECTION SERVICES (CE&I) FOR 7 MDOT PROJECTS (2013)**

CHARGE ACCOUNTS:

MDOT # 116141A - 5.50 MILES HMA RESURFACING .....	3301-193332-005517-617901-13626-000000-A4570	\$395,557.14
MDOT # 116319A - 3.19 MILES HMA RESURFACING .....	3301-193335-005517-617901-13629-000000-A4570	\$213,141.35
MDOT # 116321A - 3.99 MILES HMA RESURFACING .....	3301-193334-005517-617901-13628-000000-A4570	\$372,292.39
MDOT # 116322A - 3.75 MILES HMA RESURFACING .....	3301-193333-005517-617901-13627-000000-A4570	\$186,726.92
MDOT # 116119A - RECONSTRUCTION OF 265 ADA RAMPS INC OF \$19,474.46.....	3301-193336-005517-617901-13630-000000-A4570	\$103,502.32
MDOT # TBD - ATTENUATOR SAFETY PROJECT.....	3301-190820-000048-632100-04189-000000-A4570	\$ 55,999.94
MDOT # 113663A, 113664A, 113664A, 113666A, 113667A, 113672A, 113673A SAFETY PROJECTS ...	3301-193337-005517-617901-13631-000000-A4570	\$290,983.39
<b>INC OF \$27,422.65</b>		

TIME & DATE IN    APPROVER MUST ALSO MAKE APPROPRIATE NOTES IN ORACLE PURCHASE ORDER    *add 9/23/14*    TIME & DATE IN

REQUESTING DEPARTMENT        9/18/14

AUTHORIZED DEPARTMENT REPRESENTATIVE

**SEP 23 2014**    ~~BUDGET~~  
 RECOMMEND APPROVAL  
 RECOMMEND DENIAL    **OCT 03 2014**

BUDGET DIRECTOR OR DEPUTY

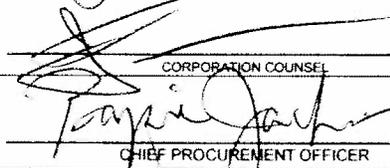
GRANT MANAGEMENT SECTION  
 RECOMMEND APPROVAL  
 RECOMMEND DENIAL    GRANT ACCOUNTANT

**OCT 06 2014**    FINANCE DEPARTMENT  
 RECOMMEND APPROVAL  
 RECOMMEND DENIAL    10/6/14

FINANCE DIRECTOR OR DEPUTY

LAW DEPARTMENT  
 RECOMMEND APPROVAL  
 RECOMMEND DENIAL    10-10-14

CORPORATION COUNSEL

**R**    PURCHASING DIVISION        14 OCT 17 AM 11:51

CHIEF PROCUREMENT OFFICER

**OCT 08 2014**    CITY COUNCIL APPROVAL JCC REFERENCE:    PAGE    DATE

Use Only One Set For Each Contract Package

CITY OF DETROIT  
CONTRACTS SECTION  
LAW DEPARTMENT

NOV 25 2014

CITY OF DETROIT  
FINANCE DEPARTMENT  
PROCUREMENT DIVISION

**Detroit City Council**  
**Legislative Policy Division**

TO: Purchasing Division Staff  
FROM: David Teeter  
DATE: November 26, 2014

RE: **PURCHASING ITEMS APPROVED BY THE CITY COUNCIL**

**There were no contracts approved on November 18, 2014, that were Reconsidered**

*The following contracts and purchase orders were reported to the City Council, by the Standing Committee, at the Regular Session of November 25, 2014 and APPROVED.*

**Reported by the Budget, Finance and Audit Committee:**

86996 Denise L. Moore (QOL Funded) \$55,000 FINANCE/Grants Mgmt.  
Submitted in the List and Referred Nov. 18, 2014; Approved by Chief Financial Officer.

86997 Aisha Taylor (QOL Funded) \$57,200 FINANCE/Grants Mgmt.  
Submitted in the List and Referred Nov. 18, 2014; Approved by Chief Financial Officer.

**Reported by the Internal Operations Committee:**

86998 Leslie Howard Ellison \$35,712 GENERAL SERVICE  
Submitted in the List and Referred Nov. 5, 2014.

2900390 Alta Equipment (4 mo. Rental) \$34,500 GENERAL SERVICE  
Submitted in the List and Referred Nov. 12, 2014; Approved with *WAIVER*.

2877416,Extend. Computech Corp. (temp.staffing) + \$935,000 to \$1,685,000 HUM. RESOURCE  
Submitted in the List and Referred Nov. 12, 2014; Amend. twice; Approved with *WAIVER*.

2877420,Extend. FutureNet Goup (temp.staffing) + \$935,000 to \$1,685,000 HUM. RESOURCE  
Submitted in the List and Referred Nov. 12, 2014; Amended; Approved with *WAIVER*.

2877577,Extend. Premier Staffing (temp.staffing) + \$935,000 to \$1,685,000 HUM. RESOURCE  
Submitted in the List and Referred Nov. 12, 2014; Amended; Approved with *WAIVER*.

2754725,Amend Governmental Consultant Services + \$360,000 to \$2,816,000 LAW  
Submitted in the List and Referred Nov. 18, 2014; Approved with *WAIVER*.

2865980,Renew All Type Truck & Trailer Repair + \$0 to \$156.800 GENERAL SERVICE  
Submitted in the List and Referred November 18, 2014; Approved with *WAIVER*.

*Contracts received, approved and referred at the Regular Session of November 25, 2014*

*The following contracts and purchase orders were reported to the City Council, by the Standing Committee, at the Regular Session of November 25, 2014 and APPROVED.*

**Reported by the Internal Operations Committee:** - continued

2900588	Alta Equipment	\$150,000	GENERAL SERVICE
	Submitted in the List and Referred November 18, 2014; Approved with <i>WAIVER</i> .		
2896853	Health Decision	\$131,800	HUMAN RESOURCE
	Submitted in the List for Nov. 25, 2014; Moved to New Business and Approved.		
87021	Tyrone Butler (liaison tween City and 3 <sup>rd</sup> Party Admin.)	\$40,000	LAW
	Submitted in the List for Nov. 25, 2014; Moved to New Business and Approved.		
87022	Sean Tate (misdemeanor & ordinance prosec.)	\$52,320	LAW
	Submitted in the List for Nov. 25, 2014; Moved to New Business and Approved.		
87012	Nyasia Valdez (Castaneda-Lopez)	\$1,000	CITY COUNCIL
	Submitted in the List for Nov. 25, 2014; Place on Consent Agenda; Approved with <i>WAIVER</i> .		
87027	Derrick Hale II (Cushingberry)	\$1,980	CITY COUNCIL
	Submitted in the List for Nov. 25, 2014; Place on Consent Agenda; Approved with <i>WAIVER</i> .		
87028	Sidney Bass III (Cushingberry)	\$1,980	CITY COUNCIL
	Submitted in the List for Nov. 25, 2014; Place on Consent Agenda; Approved with <i>WAIVER</i> .		
87033	Montez Miller (Jones)	\$36,080	CITY COUNCIL
	Submitted in the List for Nov. 25, 2014; Place on Consent Agenda; Approved with <i>WAIVER</i> .		

**Reported by the Neighborhood and Community Services Committee:**

2898978	New Life City Community (Operate Evans Rec. Center)	\$0.00	RECREATION
	Submitted in the List and Referred Nov. 12, 2014; Approved with <i>WAIVER</i> .		
87031	Lanita Griffin (Coca Cola Troops)	\$2,400	RECREATION
	Submitted in the List for Nov. 25, 2014; Moved to New Business and Approved with <i>WAIVER</i> .		

*The following contracts and purchase orders were reported to the City Council, by the Standing Committee, at the Regular Session of November 25, 2014 and **APPROVED.***

**Reported by the Planning and Economic Development Committee:**

- 2881158, Amend National Consulting Services + \$108,000 to \$324,000 PLAN & DEVELOPMT  
 Submitted in the List and Referred November 18, 2014.
- 2900808 Local Initiatives Support Corporation \$6,600,000 PLANNING & DEVELOPMT  
 Submitted in the List and Referred November 18, 2014.

**Reported by the Public Health and Safety Committee:**

- 2899138 QOE Consulting \$205,626 AIRPORT  
 Submitted in the List and Referred Nov. 5, 2014; Approved with **WAIVER.**
- 2900015 Jorgensen Ford (QOL Funded) \$1,650,000 POLICE  
 Submitted in the List and Referred November 12, 2014.
- 2876243, Amend. HNTB Michigan + \$46,897.11 to \$1,618,203.45 PUBLIC WORKS  
 Submitted in the List and Referred November 12, 2014.
- 2899139 3M Company \$150,550.79 PUBLIC WORKS  
 Submitted in the List and Referred November 12, 2014.
- 2900264 Suburban Ford of Waterford (10 Ford pick-ups) \$320,829 PUBLIC WORKS  
 Submitted in the List and Referred November 12, 2014.
- 2900455 Red Holman GM Truck (6 Yukon Trucks) \$291,268 POLICE  
 Submitted in the List and Referred November 18, 2014; Approved with **WAIVER.**
- 2869879, Renew Pick-up & Run Auto Recovery + \$0 to \$116,650 MUNIC. PARKING  
 Submitted in the List and Referred November 18, 2014.
- 2897616 The Realty Company (3yr. Lease, 7800 Dix) \$360,000 POLICE  
 Submitted in the List and Referred November 18, 2014; Approved with **WAIVER.**
- 2897127 Detroit Building Authority \$9,683,569.22 MUNICIPAL PARKING  
 Submitted in the List and Referred November 18, 2014; Approved with **WAIVER.**

*The following contracts and purchase orders were reported to the City Council, by the Standing Committee, at the Regular Session of November 25, 2014 and **APPROVED**.*

**Reported by the Public Health and Safety Committee: - continued**

87014	Clarence White (Hearing Officer)	\$20,000	BUILD.SAFE.ENG.& ENV.
	Submitted in the List for November 25, 2014; Moved to New Business and Approved.		
87013	Derek Segars (Plan Examiner for Fire Safety Equipt.)	\$60,000	FIRE
	Submitted in the List for November 25, 2014; Moved to New Business and Approved.		
2897399	Odyssey Enterprise (Paratransit Transpt.)	\$190,976	TRANSPORTATION
	Submitted in the List for November 25, 2014; Moved to New Business and Approved.		

*The following contracts were **REFERRED** on November 18, 2014 to the indicated Standing Committee for consideration and report to the City Council.*

**Referred to Budget, Finance and Audit Committee**

No Contracts Referred

**Referred to Internal Operations Committee**

No Contracts Referred

**Referred to Neighborhood and Community Services Committee**

No Contracts Referred

**Referred to Planning and Economic Development Committee**

No Contracts Referred

**Referred to Public Health and Safety Committee**

No Contracts Referred

Purchasing Division  
Contracts and Purchase Orders Received, Considered at Regular Session  
of November 25, 2014

Page 5

*There are NO items that have been HELD for review, discussion or report to the Standing Committees.*

5

CONTRACT NO: **CPO# 2876243**  
**SPO# 2876244**

DEPARTMENT: **DPW-City Engineering Division**     **WAIVER**  
**AGENDA DATE:** \_\_\_\_\_

**AMENDMENT #1      SYNOPSIS**

CONTRACTOR'S NAME:            **HNTB Michigan, Inc.**

CONTRACTOR'S ADDRESS:        **535 Griswold, Suite 1100**  
**Detroit, MI 48226-3605**

WHAT FORM OF COMPETITION DID THE DEPARTMENT ENGAGE IN TO OBTAIN THIS PROFESSIONAL SERVICE CONTRACT?:        **If there was no competition obtained, explain why: N/A**  
**An RFP was advertised, due 12/20/12, 5 submittals were evaluated and rated using Qualified Base Selection process**

PROJECT:                            **Amendment #1 to Professional Services contract to provide Construction Engineering & Inspection (CE&I) Services for Seven (7) MDOT Projects 2013**

TYPE OF FUNDING AND %:        **65% Federal, 0 % State, 35% City-Street Fund , 0% Other**

CONTRACT AMOUNT:            **\$1,618,203.45 NEW TOTAL**  
**\$1,571,306.34**

CONTRACT PERIOD:            **From date of Notice to Proceed (after Council approval) until final acceptance by MDOT (approx 12/31/2016).**

BRIEF DESCRIPTION:            **Amendment #1, Increase of \$46,897.11 to contract to provide Construction Engineering & Inspection (CE&I) Services for Seven (7) MDOT Projects (116141A, 116119A, 116319A, 116321A, 116322A, 113663A, & attenuator safety project) for MDOT 116119A & 113663A for increased staff hours due to additional work and the extension of the proposed end dates for construction activity**

REASON FOR DELAY:            **MDOT (State) review of amendment terms & content**

<b>Clearances:</b>		
<b>Income Tax Expires:</b> <b>3/29/2015</b>	<b>Revenue Collection Expires:</b> <b>1/15/2015</b>	<b>Human Rights Affidavit Signed:</b> <b>9/16/14</b>

# City Council Contract Agenda Items Review Checklist

01/11/12

Reviewer:

Date Received:

Date: **September 23, 2014** Department: **DPW** Division: **City Engineering**

Dept Head/Contact Person: **Adrienne D. Smith** Phone No.: **313-224-3950**

Description: **Amendment #1 inc of \$46,897.11 to contract that provides CE&I Services for 7 MDOT Projects (2013)** Contract No.: **2876243**

PO Type: Prof Svc - CPO NEW Est. Value: **\$1,618,203.45**

Contract Term (if applicable): **From date on NTP (after CC approval) to December 31, 2016** (date of Final MDOT acceptance of contract documents)

Funding: City **35% -STREET FUND** State **0%** Federal **65%** Other: **0%**

(Documentation must be furnished by the Dept. if anything other than City funding)

Recommended Supplier: **HNTB Michigan, Inc** Required Date: **10/30/2014**

1. Is the product or service ESSENTIAL to department operations?  Yes  No

If "Yes" please explain why: **The City must be able to inspect the work of Contractors performing ROW construction and improvements for projects bid, awarded and funded by the State.**

Consequence of not buying: **Loss of Gas Tax & Federal funding for ROW projects if not adequately administered & inspected .**

2. Was the product or service competitively bid?  Yes **RFP evaluated using Qualified Base Selection**  
 No (Request copies of bid tabulation/evaluation score sheets as needed)

If the answer to #2 is "NO" explain why there was no competition: \_\_\_\_\_

3. Was a Co-Operative Agreement Considered?  Yes  No Co-Operative Name: **N/A**

If answer to #3 is "No" explain why a Co-Op was not considered: **CE&I for a State Bid Project, profit allowance set by State**

4. Were savings achieved?

Yes Amount \$ \_\_\_\_\_  No

Were additional savings requested? (10%)  Yes  No **Profit allowance set by State**

5. Does the supplier currently provide other goods and services to the City?  Yes  No

If yes please list: **Other CE&I projects bid, awarded and funded by the State, contingent Bridge design services contract**

# City Council Contract Agenda Items Review Checklist

01/11/12

6. The business being awarded is **NEW CONTRACT**  
If #6 is a renewal provide justification for renewal: \_\_\_\_\_  
If #6 is a increase/decrease does this represent:

Variance in unit price only (Current unit price \$ \_\_\_\_\_ Suggest Unit Price \$ \_\_\_\_\_ )  
 Change in amount/volume of the good or service to be used (no change in unit price)

7. Is this good/service used by other departments?  Yes  No  
If "yes" can this req/par be combined other department requirements.?  Yes  No

8. Is this a service that can be performed by City employees?  Yes  No  
Is this a service that City employees can be trained to do?  Yes  No

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## NOTES:

**Amendment is to cover increased costs on MDOT projects 116119A & 113663A for additional staff hours due to extension of the project end date and additional work (ramps added).**

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**PLACE ON CITY COUNCIL AGENDA**

**REJECT AND NOTIFY DEPARTMENT DIRECTOR:**

SIGNED: Adrienne D Smith DATE: 9/23/14

INFORMATION PROVIDED BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

PHONE NO: \_\_\_\_\_

QUALIFICATIONS (SOQ) Review Matrix - 2012  
 CONSTRUCTION ENGINEERING AND INSPECTION SERVICES FOR  
 HIGHWAY, BRIDGE, TRAFFIC SIGNAL AND OTHER MAJOR STREET IMPROVEMENT PROJECTS  
 Review Team Composite Scores - 3/12/12 Meeting & 3/15/12 Interviews

Evaluation Criteria	Possible Score	DLZ Michigan, Inc.	GWE - Giffels-Webster Engineers, Inc.	HNTB Michigan, Inc.	HRC - Hubbell, Roth & Clark, Inc.	The Mannik & Smith Group, Inc	Tyme Engineering, Inc.	URS Corporation
Statement of Avoidance	(Y/N)	Y	Y	Y	Y	Y	Y	Y
Affirmative Action Program	(Y/N)	Y	Y	Y	Y	Y	Y	Y
Statement of Non-Collusion	(Y/N)	Y	Y	Y	Y	Y	Y	Y
Standard Forms SF 330	(Y/N)	Y	Y	Y	Y	Y	Y	Y
Subconsultants		SOMAT & SSI	SOMAT & BBF	Great Lakes Geomatics & BBF	none	SOMAT	Great Lakes Geomatics	Great Lakes Geomatics, SOMAT & TYJT
<b>Weighted Criteria</b>								
Experience with the CED, WCHD, MDOT & FHWA	<b>20</b>	11	12	18	18	12	14	12
Peer-review policy and practices	<b>10</b>	7	6	8	9	6	7	7
Technical competence of key personnel	<b>20</b>	10	12	17	17	14	14	13
Capacity and resources of firm	<b>20</b>	10	12	19	17	15	13	15
References & pre-qualifications/ certifications	<b>15</b>	9	9	14	13	9	11	12
Innovations that promote time and cost savings	<b>15</b>	10	7	10	10	9	10	11
<b>Total Score</b>	<b>100</b>	<b>57</b>	<b>58</b>	<b>86</b>	<b>84</b>	<b>65</b>	<b>69</b>	<b>70</b>

Supplier Name: **HNTB MICHIGAN INC**

Supplier Number: **1025696**

Tax Registration: **431628395**

Income Tax Clearance

Clearance Status: **Approved**

Approval / Denial Date: **01.MAR.2014**

Clearance Expiration Date: **29.MAR.2015**

Save

Exit

Clear

PLEASE EXPEDITE - CONTRACT IN PROCESS

**CITY OF DETROIT**

**ACCOUNTS RECEIVABLE CLEARANCE FORM**  
**PLEASE FORWARD IN DUPLICATE TO ROOM 1012**  
**COLEMAN A. YOUNG MUNICIPAL CENTER**

**REVENUE COLLECTIONS 313-224-4087, FAX: 313-224-4238**

**SECTION A:**

FROM:

**DPW - City Engineering Division**

ADDRESS OF DEPARTMENT:

**65 Cadillac Square, 9<sup>th</sup> Floor Cadillac Tower, Det. MI 48226**

CONTACT PERSON:

**Adrienne D. Smith**

PHONE NUMBER

**313-224-3950**

DATE SENT:

**September 9, 2014**

FAX

**313-224-3471**

**X SECTION B: CORPORATION**

CORPORATION NAME:

**HNTB Michigan, Inc**

*adrienns1@detroitmi.gov*

ADDRESS:

**535 Griswold St., Suite 1100 Detroit, Mi 48226-3605**

OWN:  LEASE

CURRENT TAX IDENTIFICATION NUMBER: **43-1628395**

OTHER CITY, STATE TAX IDENTIFICATION NUMBER (S) PREVIOUSLY USED: **02992242.03**

CONTACT PERSON:

**Susan Evans** *sucvans@hntb.com*

PHONE NUMBER: **313-961-3330**

FAX NUMBER: **313-961-4430**

**SECTION C: PARTNERSHIP**

BUSINESS NAME:

ADDRESS:

OWN:  LEASE

CURRENT TAX IDENTIFICATION NUMBER:

OTHER CITY, STATE TAX IDENTIFICATION NUMBER (S) PREVIOUSLY USED:

A. PARTNER'S NAME:

PHONE NUMBER:

HOME ADDRESS:

CITY, STATE, ZIP

OWN:  LEASE

SOCIAL SECURITY NUMBER:

OTHER CITY PROPERTY OWNED ADDRESSES:

B. PARTNER'S NAME:

PHONE NUMBER:

HOME ADDRESS:

CITY, STATE, ZIP

OWN:  LEASE

SOCIAL SECURITY NUMBER:

OTHER CITY PROPERTY ADDRESSES OWNED WITHIN DETROIT:

CONTACT PERSON:

**SECTION D: SOLE PROPRIETORSHIP**

OWNER'S NAME:

HOME ADDRESS:

CITY, STATE, ZIP:

OWN:  LEASE

BUSINESS NAME:

BUSINESS ADDRESS:

SOCIAL SECURITY NUMBER:

CITY, STATE, ZIP:

OWN:  LEASE

CURRENT TAX IDENTIFICATION NUMBER:

OTHER CITY PROPERTY ADDRESSES OWNED WITHIN DETROIT:

**For TREASURY COLLECTION USE ONLY!**

**For INCOME TAX DIVISION USE ONLY!**

APPROVED  DENIED WITH ATTACHMENTS

APPROVED

DENIED

CLEARANCE VALID UNTIL: **JAN 15 2015**

**SEP 09 2014**

SIGNATURE

DATE

SIGNATURE

DATE

**REVENUE COLLECTIONS  
APPROVED  
CONTRACT CLEARANCES**

**REVISED 7/12/2012**  
**COVENANT OF EQUAL OPPORTUNITY**  
**(Application for Clearance – Terms Enforced After Contract is Awarded)**

I, being a duly authorized representative of **HNTB Michigan, Inc.** (hereinafter "Contractor"), am hereby authorized to enter into a Covenant of Equal Opportunity, (hereinafter "Covenant") with the City of Detroit, (hereinafter "City"); obligating the Contractor and all sub-contractors, not to discriminate against any employee or applicant for employment, training, education, or apprenticeship connected directly or indirectly with the performance of the contract, with respect to his/her hire, promotion, job assignment, tenure, terms, conditions or privileges of employment because of race, color, religious beliefs, public benefit status, national origin, age, marital status, disability, sex, sexual orientation, or gender identity or expression; except as otherwise exempted under City Code, Ordinance No. 27-2-12.

Contractor will ensure that the City of Detroit Human Rights Department shall receive notification of all potential sub-contractors and a copy of their Covenant prior to the commencement of work on any City of Detroit contract. Contractor further agrees that the City of Detroit reserves the right to require additional information prior to, during and at any time after the Covenant is fully executed.

Furthermore, Contractor agrees that this Covenant is valid for the life of the contract and/or for a specified period of time as indicated below and that a breach of this Covenant shall be deemed a material breach of contract and be subject to damages pursuant to City Code, Ordinance No. 27-3-2, Section (e).

RFQ / PO No. (If applicable) CPO# 2876243 Amendment #1

**Duration of Covenant:** Date on Start Work Notice to December 16, 2016

Printed Name of Contractor/Organization: HNTB Michigan, Inc.  
(Type or Print Legibly)

Contractor Address: 535 Griswold, Suite 1100 Detroit, MI 48226-3605  
(Address to include City, State, Zip)

Contractor Phone/E-mail: 313-961-3330 LEBECKER@HNTB.COM  
(Phone) (E-mail)

Printed Name & Title of Authorized Representative: Leonard C. Becker, VP

Signature of Authorized Representative: *Leonard C. Becker*

Date: 9/16/2014

\*\*\* This document **MUST** be notarized \*\*\*

Signature of Notary: *Susan M. Evans*

Printed Name of Seal of Notary: SUSAN M. EVANS

My Commission Expires: 10 11 14

<b>FOR CONTRACTING DEPARTMENT USE ONLY:</b>		
Date Rec'd: <u>9, 16, 14</u>	Received By: <u><i>RJ Smith</i></u>	Title: <u>Admin Asst III</u>

Please fax a COPY of the notarized Covenant and Award Letter to the Human Rights Department 313-224-3434



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
11/21/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> IMA, Inc.  51 Corporate Woods 9393 W. 110th Street, Suite 600 Overland Park, KS 66210	1-913-982-3650  CONTACT NAME: PHONE (A/C, No. Ext): E-MAIL ADDRESS: FAX (A/C, No):														
<b>INSURED</b> HNTB Michigan, Inc.  535 Griswold Avenue, Suite 1100  Detroit, MI 48226	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Liberty Mutual Fire Insurance Company</td> <td>23035</td> </tr> <tr> <td>INSURER B: Liberty Insurance Corporation</td> <td>42404</td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Liberty Mutual Fire Insurance Company	23035	INSURER B: Liberty Insurance Corporation	42404	INSURER C:		INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A: Liberty Mutual Fire Insurance Company	23035														
INSURER B: Liberty Insurance Corporation	42404														
INSURER C:															
INSURER D:															
INSURER E:															
INSURER F:															

**COVERAGES**

CERTIFICATE NUMBER: 37034312

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC		TB2-Z41-433035-213	12/01/13	12/01/14	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		AS7-Z41-433035-203	12/01/13	12/01/14	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y <input checked="" type="checkbox"/> N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	WA2-Z4D-433035-664	01/01/14	01/01/15	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 HNTB Job 58872-CN-001; CPO - 2876243; SPO - 2876244; Professional Services Contract for CE&I Services for 7 MDOT Projects. If required by a written agreement, the City of Detroit, the Michigan State Transportation Commission, and the Michigan Department of Transportation are included as additional insured with respect to General Liability and Automobile Liability insurance, subject to policy terms and conditions.

**CERTIFICATE HOLDER****CANCELLATION**
 City of Detroit  
 DPW - City Engineering Division  
 Attention: Adrienne Smith  
 65 Cadillac Square  
 9th Floor Cadillac Tower  
 Detroit, MI 48226-2844

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

USA

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**NOTICE OF CANCELLATION TO THIRD PARTIES**

This endorsement modifies insurance provided under the following:

- BUSINESS AUTO COVERAGE PART
- MOTOR CARRIER COVERAGE PART
- GARAGE COVERAGE PART
- TRUCKERS COVERAGE PART
- EXCESS AUTOMOBILE LIABILITY INDEMNITY COVERAGE PART
- SELF-INSURED TRUCKER EXCESS LIABILITY COVERAGE PART
- COMMERCIAL GENERAL LIABILITY COVERAGE PART
- EXCESS COMMERCIAL GENERAL LIABILITY COVERAGE PART
- PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
- LIQUOR LIABILITY COVERAGE PART
- COMMERCIAL LIABILITY – UMBRELLA COVERAGE FORM

Schedule		
Name of Other Person(s) / Organization(s):	Email Address or mailing address:	Number Days Notice:
per schedule on file	per schedule on file	60

- A. If we cancel this policy for any reason other than nonpayment of premium, we will notify the persons or organizations shown in the Schedule above. We will send notice to the email or mailing address listed above at least 10 days, or the number of days listed above, if any, before the cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.
- B. This advance notification of a pending cancellation of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

All other terms and conditions of this policy remain unchanged.

Policy Number: AS7-Z41-433035-202  
Issued By: Liberty Insurance Corp.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

NOTICE OF CANCELLATION TO THIRD PARTIES

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE PART  
MOTOR CARRIER COVERAGE PART  
GARAGE COVERAGE PART  
TRUCKERS COVERAGE PART  
EXCESS AUTOMOBILE LIABILITY INDEMNITY COVERAGE PART  
SELF-INSURED TRUCKER EXCESS LIABILITY COVERAGE PART  
COMMERCIAL GENERAL LIABILITY COVERAGE PART  
EXCESS COMMERCIAL GENERAL LIABILITY COVERAGE PART  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART  
LIQUOR LIABILITY COVERAGE PART

Schedule		
Name of Other Person(s)/ Organization(s):	Email Address or mailing address:	Number Days Notice:
PER SCHEDULE ON FILE		60
ACE CONSTRUCTION AUTHORITY	4900 RIVERGRADE RD, STE 120 IRWINDALE, CA 91706	60
I-595 EXPRESS, LLC; I -595 CORRIDOR ROADWAY IMPROVEMENT PROJECT	10368 WEST SR84 MIAMI, FL 33324	60
THE PORT AUTHORITY OF NY AND NJ	ONE MADISON AVENUE 7TH FLOOR NEW YORK, NY 10010	60

- A. If we cancel this policy for any reason other than nonpayment of premium, we will notify the persons or organizations shown in the Schedule above. We will send notice to the email or mailing address listed above at least 10 days, or the number of days listed above, if any, before the cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.
- B. This advance notification of a pending cancellation of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

All other terms and conditions of this policy remain unchanged.

## NOTICE OF CANCELLATION TO THIRD PARTIES

- A. If we cancel this policy for any reason other than nonpayment of premium, we will notify the persons or organizations shown in the Schedule below by email as soon as practical after notifying the first Named Insured.
- B. This advance email notification of a pending cancellation of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

### Schedule

Name of Other Person(s) / Organization(s):	Email Address:
Blanket per schedule on file -60 days	
Ace Construction Authority- Alameda Corridor East Construction Authority	4900 Rivergrade Rd Ste 120 Irwindale CA 91706
I-595 Express, LLC- I-595 Corridor Roadway Improvement Project	10368 West SR84 Miami FL 33324
The Port Authority of NY and NJ per schedule on file	One Madison Ave 7th Fl New York NY 10010

All other terms and conditions of this policy remain unchanged.

Issued by Liberty Mutual Fire Insurance Company 16586

For attachment to Policy No. WA2-Z4D-433035-663      Effective Date 01/01/2013      Premium \$

Issued to HNTB Holdings Ltd



ENDORSEMENT # 001

This endorsement, effective 12:01 a.m. 1 May, 2013

Forms a part of policy no.: B0146LDUSA1304553

Issued to: HNTB HOLDINGS LTD

By: UNDERWRITERS AT LLOYD'S, LONDON

**ADVICE OF CANCELLATION TO ENTITIES OTHER THAN THE NAMED INSURED LIMITED  
TO E-MAIL NOTIFICATION**

This policy is amended as follows:

In the event that the **Insurer** cancels this policy for any reason other than non payment of premium, and

1. The cancellation effective date is prior to this policy's expiration date;
2. The **First Named Insured** is under an existing contractual obligation to notify a certificate holder when this policy is canceled (hereinafter, the "Certificate Holder(s)"); and has provided to the **Insurer**, either directly or through its broker of record, the email address of the contact at such entity,

and the **Insurer** received this information after the **First Named Insured** receives notice of cancellation of this policy and prior to this policy's cancellation effective date, via an electronic spreadsheet that is acceptable to the **Insurer**,

the **Insurer** will provide advice of cancellation (the "Advice") via e-mail to such Certificate Holders.

Proof of the **Insurer** emailing the Advice, using the information provided by the **First Named Insured**, will serve as proof that the **Insurer** has fully satisfied its obligations under this endorsement.

This endorsement does not affect, in any way, coverage provided under this policy or the cancellation of this policy or the effective date thereof, nor shall this endorsement invest any rights in any entity not insured under this policy.

The following Definitions apply to this endorsement:

1. **First Named Insured** means the Named Insured shown on the Declarations Page of this policy.
2. **Insurer** means the insurance Insurers shown in the header on the Declarations Page of this policy.

All other terms, conditions and exclusions shall remain the same.

# HNTB

October 22, 2014

Ron Brundidge  
Director of DPW

Boysie Jackson  
Chief Procurement Officer

Ron and Boysie:

To ensure compliance with the City of Detroit's "Ban the Box" Ordinance HNTB does not ask applicants to indicate if they have a criminal conviction. HNTB's hiring practice does include an authorization for a background check to be performed but HNTB does not request that an applicant authorize a background check until after the applicant has been deemed qualified. This practice is in compliance with section 18-5-83 of the ordinance.

Please let me know if there is any other information you need so that we can assure that HNTB is in compliance.

Sincerely,



**Don Bender**  
Director of HR Operations

**HNTB Companies**  
715 Kirk Drive  
Kansas City, MO 64105  
816.527.2898



SLAVERY ERA RECORD AND INSURANCE DISCLOSURE ORDINANCE

CITY OF DETROIT

SLAVERY ERA RECORD AND INSURANCE DISCLOSURE AFFIDAVIT

1. Name of Contractor: HANTS MICHIGAN, INC.  
2. Address of Contractor: 535 CAISWOLD ST STE 1100  
DETROIT, MI 48226

3. Name of Predecessor Entities (if any): \_\_\_\_\_  
HANNAH, NESSLES, TAMMEN & BERGENWITZ

4. Prior Affidavit submission?  No  Yes, on: \_\_\_\_\_  
(Date of prior submission)

If "No", complete Items 5 and 6.  
If "Yes", list date of prior submission above, go to Item 6 and execute this Affidavit.

5.  Contractor was established in 1914 (year) and did not exist during the slavery era in the United States, is not a successor in interest to any entity that existed during such time, and therefore has no relevant records to search, or any pertinent information to disclose.

\_\_\_\_ Contractor has searched their records and those of any predecessor entity, and has found no records that they or any predecessor(s) made any investments in, or derived profits from the slave industry or from slaveholder insurance policies.

\_\_\_\_ Contractor has found records that they or their predecessor(s) made investments in, or derived profits from, the slave industry or slaveholder insurance policies. The nature of the investment, profits, or insurance policies, including the names of any slaves or slaveholders, is disclosed in the attached document(s).

6. I declare that the representations made in this Affidavit are accurate to the best of my knowledge and are based upon a diligent search of records in the Contractor's possession or knowledge. All documentation attached to this Affidavit reflects full disclosure of all records that are required to be disclosed to the City of Detroit. I also acknowledge that any failure to conduct a diligent search, or to make a full and complete disclosure, shall render this contract voidable by the City of Detroit.

THOMAS L WESTON (Printed Name) VICE PRESIDENT (Title)  
T. L. Weston (Signature) 8/9/13 (Date)

Subscribed and sworn to before me this  
12<sup>TH</sup> day of AUGUST  
SUSAN M. EVANS / SUSAN M. EVANS  
Notary Public, WAYNE County, Michigan  
My Commission expires: 10-11-2014

**EXECUTED CONTRACT**

**MIKE DUGGAN  
MAYOR, CITY OF DETROIT**

**CONTRACT FOR PROFESSIONAL SERVICES**

**BETWEEN THE CITY OF DETROIT, MICHIGAN AND  
HNTB MICHIGAN, INC.**

**TO FURNISH PROFESSIONAL SERVICES TO PROVIDE  
CONSTRUCTION ENGINEERING AND INSPECTION  
SERVICES FOR SEVEN (7) MDOT PROJECTS**

(116141A, 116119A, 116319A, 116321A, 116322A, 113663A, Attenuator Safety Project)

**FOR THE CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERING DIVISION**

**AMENDMENT NO. 1**

**CPO No. 2876243**

**SPO No. 2876244**

**PREPARED BY:  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERING DIVISION  
RICHARD DOHERTY, P.E.  
CITY ENGINEER**



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
11/21/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER <b>IMA, Inc.</b>  51 Corporate Woods 9393 W. 110th Street, Suite 600 Overland Park, KS 66210	1-913-982-3650	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: FAX (A/C, No):	INSURER(S) AFFORDING COVERAGE INSURER A: Liberty Mutual Fire Insurance Company INSURER B: Liberty Insurance Corporation INSURER C: INSURER D: INSURER E: INSURER F:	NAIC # 23035 42404
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**COVERAGES**                      **CERTIFICATE NUMBER:** 37034312                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC			TB2-Z41-433035-213	12/01/13	12/01/14	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			AS7-Z41-433035-203	12/01/13	12/01/14	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE  DED    RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			WA2-Z4D-433035-664	01/01/14	01/01/15	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES** (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 HNTB Job 58872-CN-001; CPO - 2876243; SPO - 2876244; Professional Services Contract for CE&I Services for 7 MDOT Projects. If required by a written agreement, the City of Detroit, the Michigan State Transportation Commission, and the Michigan Department of Transportation are included as additional insured with respect to General Liability and Automobile Liability insurance, subject to policy terms and conditions.

<b>CERTIFICATE HOLDER</b>  City of Detroit DPW - City Engineering Division Attention: Adrienne Smith 65 Cadillac Square 9th Floor Cadillac Tower Detroit, MI 48226-2844  USA	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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© 1988-2010 ACORD CORPORATION. All rights reserved.

Policy Number **TB2-Z41-433035-212**

Issued by **LIBERTY MUTUAL FIRE INSURANCE COMPANY**

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**NOTICE OF CANCELLATION TO THIRD PARTIES**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE PART  
MOTOR CARRIER COVERAGE PART  
GARAGE COVERAGE PART  
TRUCKERS COVERAGE PART  
EXCESS AUTOMOBILE LIABILITY INDEMNITY COVERAGE PART  
SELF-INSURED TRUCKER EXCESS LIABILITY COVERAGE PART  
COMMERCIAL GENERAL LIABILITY COVERAGE PART  
EXCESS COMMERCIAL GENERAL LIABILITY COVERAGE PART  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART  
LIQUOR LIABILITY COVERAGE PART  
COMMERCIAL LIABILITY – UMBRELLA COVERAGE FORM

Schedule		
Name of Other Person(s) / Organization(s):	Email Address or mailing address:	Number Days Notice:
per schedule on file	per schedule on file	60

- A. If we cancel this policy for any reason other than nonpayment of premium, we will notify the persons or organizations shown in the Schedule above. We will send notice to the email or mailing address listed above at least 10 days, or the number of days listed above, if any, before the cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.
- B. This advance notification of a pending cancellation of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

All other terms and conditions of this policy remain unchanged.

Policy Number: AS7-Z41-433035-202  
Issued By: Liberty Insurance Corp.

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**NOTICE OF CANCELLATION TO THIRD PARTIES**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE PART  
MOTOR CARRIER COVERAGE PART  
GARAGE COVERAGE PART  
TRUCKERS COVERAGE PART  
EXCESS AUTOMOBILE LIABILITY INDEMNITY COVERAGE PART  
SELF-INSURED TRUCKER EXCESS LIABILITY COVERAGE PART  
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EXCESS COMMERCIAL GENERAL LIABILITY COVERAGE PART  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART  
LIQUOR LIABILITY COVERAGE PART

Schedule		
Name of Other Person(s)/ Organization(s):	Email Address or mailing address:	Number Days Notice:
PER SCHEDULE ON FILE		60
ACE CONSTRUCTION AUTHORITY	4900 RIVERGRADE RD, STE 120 IRWINDALE, CA 91706	60
I-595 EXPRESS, LLC; I -595 CORRIDOR ROADWAY IMPROVEMENT PROJECT	10368 WEST SR84 MIAMI, FL 33324	60
THE PORT AUTHORITY OF NY AND NJ	ONE MADISON AVENUE 7TH FLOOR NEW YORK, NY 10010	60

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### Schedule

Name of Other Person(s) / Organization(s):	Email Address:
Blanket per schedule on file -60 days	
Ace Construction Authority- Alameda Corridor East Construction Authority	4900 Rivergrade Rd Ste 120 Irwindale CA 91706
I-595 Express, LLC- I-595 Corridor Roadway Improvement Project	10368 West SR84 Miami FL 33324
The Port Authority of NY and NJ per schedule on file	One Madison Ave 7th Fl New York NY 10010

All other terms and conditions of this policy remain unchanged.

Issued by Liberty Mutual Fire Insurance Company 16586

For attachment to Policy No. WA2-Z4D-433035-663      Effective Date 01/01/2013      Premium \$

Issued to HNTB Holdings Ltd



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
04/23/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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<b>PRODUCER</b> Lockton Companies 444 W. 47th Street, Suite 900 Kansas City, MO 64112-1906 1-816-960-9000	<b>CONTACT NAME:</b> <b>PHONE (A/C, No, Ext):</b> <b>E-MAIL ADDRESS:</b> <b>FAX (A/C, No):</b>														
<b>INSURED</b> HNTB Michigan, Inc. 535 Griswold Avenue, Suite 1100 Detroit, MI 48226	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Lloyds of London</td> <td></td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Lloyds of London		INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:	
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INSURER B:															
INSURER C:															
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INSURER F:															

**COVERAGES**      **CERTIFICATE NUMBER:** 39390635      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

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A	Professional Liability			B0146LDUSA1404553	05/01/14	05/01/15	Per Claim & Annual Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 HNTB Job 58872-CN-001; CPO - 2876243; SPO - 2876244; Professional Services Contract for CE&I Services for 7 MDOT Projects.

<b>CERTIFICATE HOLDER</b> City of Detroit DPW - City Engineering Division Attention: Adrienne Smith 65 Cadillac Square 9th Floor Cadillac Tower Detroit, MI 48226-2844 USA	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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ENDORSEMENT # 001

This endorsement, effective 12:01 a.m. 1 May, 2013

Forms a part of policy no.: B0146LDUSA1304553

Issued to: HNTB HOLDINGS LTD

By: UNDERWRITERS AT LLOYD'S, LONDON

**ADVICE OF CANCELLATION TO ENTITIES OTHER THAN THE NAMED INSURED LIMITED  
TO E-MAIL NOTIFICATION**

This policy is amended as follows:

In the event that the **Insurer** cancels this policy for any reason other than non payment of premium, and

1. The cancellation effective date is prior to this policy's expiration date;
2. The **First Named Insured** is under an existing contractual obligation to notify a certificate holder when this policy is canceled (hereinafter, the "Certificate Holder(s)"); and has provided to the **Insurer**, either directly or through its broker of record, the email address of the contact at such entity,

and the **Insurer** received this information after the **First Named Insured** receives notice of cancellation of this policy and prior to this policy's cancellation effective date, via an electronic spreadsheet that is acceptable to the **Insurer**,

the **Insurer** will provide advice of cancellation (the "Advice") via e-mail to such Certificate Holders.

Proof of the **Insurer** emailing the Advice, using the information provided by the **First Named Insured**, will serve as proof that the **Insurer** has fully satisfied its obligations under this endorsement.

This endorsement does not affect, in any way, coverage provided under this policy or the cancellation of this policy or the effective date thereof, nor shall this endorsement invest any rights in any entity not insured under this policy.

The following Definitions apply to this endorsement:

1. **First Named Insured** means the Named Insured shown on the Declarations Page of this policy.
2. **Insurer** means the insurance Insurers shown in the header on the Declarations Page of this policy.

All other terms, conditions and exclusions shall remain the same.

**EXHIBIT B**  
**Estimated Staffing Plan and Project Schedule**  
**MDOT JN 116141A**

**MIKE DUGGAN**  
**MAYOR**  
**CITY OF DETROIT**

**CPO NO. 2876243**  
**AMENDMENT NO. 1**

THIS AMENDMENT AGREEMENT, NO. 1 (herein called the "Amendment") dated the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ between **HNTB Michigan, Inc.**, the "Consultant" and the City of Detroit, Michigan, a municipal corporation, acting by and through the Department of Public Works the "City", made relative and pertaining to **CPO NO. 2876243 dated October 17, 2013** between the Consultant and the City of Detroit (herein also called the "Local Agency").

WITNESSETH:

WHEREAS, the Consultant and the City did heretofore enter into the Contract to provide **Construction Engineering And Inspection Services for four (4) HMA roadway improvement projects – job numbers JN 116141A, JN 116319A, JN 116321A & JN 116322A, one (1) ADA ramp project – job number JN 116119A, one (1) traffic signal modernization project – job number JN 113663A and one (1) safety project JN TBD within the project limits described in Exhibit A under CPO No. 2876243.**

WHEREAS, the term of the contract is from **October 17, 2013**; with termination when the project is completed, audited and accepted by MDOT but no later than December 31, 2016; and

WHEREAS, the compensation as stated in Article 16 of the Contract is not to exceed **one million, five hundred seventy-one thousand, three hundred six and 34/100 dollars (\$1,571,306.34)**.

WHEREAS, it was the mutual desire of the parties hereto to amend the contract to increase the contract total by **forty six thousand, eight hundred ninety-seven and 11/100 dollars (\$46,897.11)** for a new contract total of **one million, six hundred eighteen thousand, two hundred three and 45/100 dollars (\$1,618,203.45)** for increased staff hours to provide oversight, survey, testing and contract administration for additional work (ramps added) and the extension of the end dates for construction activity;

NOW THEREFORE, in consideration of the premises, the mutual undertakings and benefits to accrue to the parties and to the public, the parties hereto agree as follows:

**EXHIBIT B**  
**Estimated Staffing Plan and Project Schedule**  
**MDOT JN 116141A**

**Delete the portion of Article 16 in the Contract that currently reads:**

16. For and in consideration of the Services rendered by the Consultant as set forth in this contract, pay the Consultant on the basis of actual cost plus a fixed fee (profit) amount which shall be **limited to the lesser of:**

**(1) 100% of the actual cost for construction engineering and inspection for each project not to exceed the total amount shown in Exhibit B. The fixed fee (profit) shall not exceed the amount of one hundred forty-eight thousand, three hundred seventy-two and 71/100 dollars (\$148,372.71) which is included in the total not to exceed one million, five hundred seventy-one thousand, three hundred six and 34/100 dollars (\$1,571,306.34) as shown in Exhibit B attached hereto and made a part hereof OR**

Substitute the following:

16. For and in consideration of the Services rendered by the Consultant as set forth in this contract, pay the Consultant on the basis of actual cost plus a fixed fee (profit) amount which shall be **limited to the lesser of:**

**(1) 100% of the actual cost for construction engineering and inspection for each project not to exceed the total amount shown in Exhibit B. The fixed fee (profit) shall not exceed the amount of one hundred fifty-two thousand, nine hundred sixty-eight and 99/100 dollars (\$152,968.99) which is included in the total not to exceed one million, six hundred eighteen thousand, two hundred three and 45/100 dollars (\$1,618,203.45) as shown in Exhibit B attached hereto and made a part hereof OR**

**Delete the portion of Article 16, Section g in the Contract that reads:**

g. Those costs incurred by the Consultant in the utilization of the subcontracted services of **BBF Engineering Services, PC.** shall be excluded from the calculation of the Consultant's percentage of Services completed, as set forth in Section 17a, but will be reimbursed by the Local Agency. Payment by the Local Agency will be made directly to the Consultant. The Project cost attributable to **BBF Engineering Services, PC.** is estimated to be **sixty-nine thousand, eight hundred sixty-seven and 18/100 dollars (\$69,867.18).**

Those costs incurred by the Consultant in the utilization of the subcontracted services of **Great Lakes Geomatics, LLC.** shall be excluded from the calculation of the Consultant's percentage of Services completed, as set forth in Section 17a, but will be reimbursed by the Local Agency. Payment by the Local Agency will be made directly to the Consultant. The Project cost attributable to **Great Lakes Geomatics, LLC.** is estimated to be **forty-eight thousand, eighty-three and 35/100 dollars (\$48,083.35).**

Those costs incurred by the Consultant in the utilization of the subcontracted services of **Somat Engineering, Inc.** shall be excluded from the calculation of the Consultant's percentage of Services completed, as set forth in Section 17a, but will be reimbursed by the Local Agency. Payment by the Local Agency will be made directly to the Consultant. The Project cost attributable to **Somat Engineering, Inc** is estimated to be **two hundred thirty-nine thousand, four hundred seventy-four and 91/100 dollars (\$239,474.91)**

Substitute the following:

g. Those costs incurred by the Consultant in the utilization of the subcontracted services of **BBF Engineering Services, PC.** shall be excluded from the calculation of the Consultant's percentage of Services completed, as set forth in Section 17a, but will be reimbursed by the Local Agency. Payment by the Local Agency will be made directly to the Consultant. The Project cost attributable to **BBF Engineering Services, PC.** is estimated to be **sixty-nine thousand, eight hundred sixty-seven and 18/100 dollars (\$69,867.18).**

**EXHIBIT B**  
**Estimated Staffing Plan and Project Schedule**  
**MDOT JN 116141A**

Those costs incurred by the Consultant in the utilization of the subcontracted services of **Great Lakes Geomatics, LLC**, shall be excluded from the calculation of the Consultant's percentage of Services completed, as set forth in Section 17a, but will be reimbursed by the Local Agency. Payment by the Local Agency will be made directly to the Consultant. The Project cost attributable to **Great Lakes Geomatics, LLC**, is estimated to be **forty-eight thousand, eighty-three and 35/100 dollars (\$48,083.35)**.

Those costs incurred by the Consultant in the utilization of the subcontracted services of **Somat Engineering, Inc.** shall be excluded from the calculation of the Consultant's percentage of Services completed, as set forth in Section 17a, but will be reimbursed by the Local Agency. Payment by the Local Agency will be made directly to the Consultant. The Project cost attributable to **Somat Engineering, Inc** is estimated to be **two hundred fifty-nine thousand, one hundred forty-five and 03/100 dollars (\$259,145.03)**

**Delete the portion of Article 33 in the Contract that reads:**

The contact person from whom payment should be requested is:

**Mr. Michel Bongo, Manager II**  
**Finance, Central Accounting office for DPW**  
**65 Cadillac Square, Suite 700**  
**Detroit, Michigan 48226**  
**313-628-2623 Telephone**  
**313-628-2631 Facsimile**  
**bongom@detroitmi.gov**

Substitute the following:

The contact person from whom payment should be requested is:

**Michel Bongo, Manager II**  
**Finance, Central Accounting Office**  
**2 Woodward Avenue,**  
**646 Coleman A. Young Municipal Center**  
**Detroit, Michigan 48226**  
**313-628-2623 Telephone**  
**313-628-2631 Facsimile**  
**bongom@detroitmi.gov**

**Delete the portion of Article 35 in the Contract that reads:**

35. **Invoicing** - The City of Detroit (Accounts Payable) requires that each invoice submitted for payment have a unique invoice number that it **does not contain any of the following**:

- Alphabetic suffixes (e.g. 123A)
- Numeric Suffixes (e.g. 123-3)
- Periods, dashes, slashes hyphens or extraneous characters or spaces

Additionally, each invoice shall reference a valid purchase order and contain the vendor's/contractor's/consultant's tax identification number, dates etc. In accordance with the Prompt Payment Ordinance, DPW-CED shall notify vendors/contractors/consultants of issues with invoices submitted in order to facilitate timely payment. Any invoice that is submitted to Accounts Payable without a proper invoice number or that does not otherwise comply with the ordinance requirements will be referred back to DPW-CED for correction. Please make sure all invoices submitted for payment are in compliance with these requirements.

**EXHIBIT B**  
**Estimated Staffing Plan and Project Schedule**  
**MDOT JN 116141A**

Substitute the following:

35. **Invoicing** - The City of Detroit (Accounts Payable) requires that each invoice submitted has a valid unique invoice number to facilitate the payment process. All invoices submitted shall adhere to the City's requirements for a proper invoice number and shall not contain any of the following:

- Alphabetic suffixes (e.g. 123A)
- Numeric suffixes (e.g. 123-3)
- Periods, dashes, slashes, hyphens or extraneous characters or spaces

Additionally, each invoice shall include all of the following information:

**For: DPW-City Engineering Division** (or other applicable Dept/Div)  
Date of invoice  
Time period of service (s) provided (if applicable)  
Contractor's/Vendor's Federal ID Number  
Valid Purchase Order Number (CPO/SPO number(s))

**Submit only the original invoice to:**

**City of Detroit, Finance-Accounts Payable Division**  
**2 Woodward Avenue, 1006 CAYMC**  
**Detroit, MI 48226**

Submit a copy of the invoice with all supporting documentation to:

**DPW-City Engineering Division**  
**Attention: Charlotte Robinson**  
**65 Cadillac Square, Suite 900**  
**Detroit, MI 48226**

In accordance with the Prompt Payment Ordinance, departments shall notify vendors of issues with invoices to facilitate timely payment. Any invoices submitted without a proper invoice number or that do not otherwise comply with the ordinance requirements will be referred back to the department for correction.

Failure to follow this procedure or include the requested information could delay payment.

**Add Amendment No. 1 – Exhibit B, Exhibit C, and Exhibit D (includes new summary of Total Project costs and the fees and staffing associated with the additional services as follows. No changes to Exhibit A-Project Descriptions.**

That all other terms, conditions, exhibits and covenants of the original Contract remain in full force and effect as set forth therein.

**(Remainder of sheet left blank)**

## EXHIBIT C

### SUMMARY OF TOTAL PROJECT COSTS BY JOB NUMBER

SUMMARY OF TOTAL PROJECT COSTS BY JOB NUMBER				
Sheet A-1 COMPENSATION / FEE SCHEDULE (Amendment #1)				
Full Construction Engineering / Inspection				
City of Detroit DPW / CED - HNTB: 58872-CN-001 thru CN-007				
Compensation Page 2 of 10				
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION NUMBER:	
CS 82400, 82457, 82609 - JN 116141A, 116319A, 116321A, 116322A, 116119A (ADA Ramps), Safety Project, 113663A			CPO 2876243 SPO 2876244	
PRIME CONSULTANT NAME:	DBE Goal:	PROJECT DESCRIPTION:		
HNTB Michigan, Inc.	10%	CEI Services for Seven (7) MDOT Projects for the City of Detroit - Department of Public Works - City Engineering Division		
Consultant	Job Number 116141A	Job Number 116319A	Job Number 116321A	Job Number 116322A
<b>HOURS</b>	4,609	2,576	4,334	2,101
HNTB Michigan, Inc.	3,426	1,880	2,975	1,466
BBF Engineering Services, P.C.	276	150	261	132
Great Lakes Geomatics, LLC	183	96	172	84
SOMAT Engineering, Inc.	724	450	926	419
<b>DIRECT LABOR</b>	<b>\$ 135,910.41</b>	<b>\$ 72,790.82</b>	<b>\$ 126,570.68</b>	<b>\$ 63,603.30</b>
HNTB Michigan, Inc.	\$ 107,631.56	\$ 56,309.92	\$ 93,916.08	\$ 48,438.40
BBF Engineering Services, P.C.	\$ 8,880.00	\$ 4,836.00	\$ 8,384.00	\$ 4,238.50
Great Lakes Geomatics, LLC	\$ 3,983.60	\$ 2,142.40	\$ 3,749.60	\$ 1,870.40
SOMAT Engineering, Inc.	\$ 15,415.25	\$ 9,502.50	\$ 20,521.00	\$ 9,056.00
<b>OVERHEAD</b>	<b>\$ 204,363.26</b>	<b>\$ 109,802.36</b>	<b>\$ 190,887.53</b>	<b>\$ 95,874.44</b>
HNTB Michigan, Inc.	\$ 159,004.10	\$ 83,186.64	\$ 138,742.22	\$ 71,558.05
BBF Engineering Services, P.C.	\$ 12,073.25	\$ 6,575.03	\$ 11,398.89	\$ 5,762.66
Great Lakes Geomatics, LLC	\$ 7,041.01	\$ 3,786.69	\$ 6,627.42	\$ 3,305.93
SOMAT Engineering, Inc.	\$ 26,244.90	\$ 16,254.00	\$ 34,119.00	\$ 15,247.80
<b>F.C.C.M.</b>	<b>\$ 118.39</b>	<b>\$ 61.94</b>	<b>\$ 103.31</b>	<b>\$ 53.28</b>
HNTB Michigan, Inc.	\$ 118.39	\$ 61.94	\$ 103.31	\$ 53.28
BBF Engineering Services, P.C.	\$ -	\$ -	\$ -	\$ -
Great Lakes Geomatics, LLC	\$ -	\$ -	\$ -	\$ -
SOMAT Engineering, Inc.	\$ -	\$ -	\$ -	\$ -
<b>DIRECT EXPENSES</b>	<b>\$ 17,826.80</b>	<b>\$ 10,452.96</b>	<b>\$ 19,982.73</b>	<b>\$ 9,717.69</b>
HNTB Michigan, Inc.	\$ 12,929.48	\$ 6,574.45	\$ 11,086.83	\$ 5,645.78
BBF Engineering Services, P.C.	\$ 431.66	\$ 71.19	\$ 323.18	\$ 56.50
Great Lakes Geomatics, LLC	\$ 69.50	\$ 20.34	\$ 80.23	\$ 52.55
SOMAT Engineering, Inc.	\$ 4,396.16	\$ 3,786.98	\$ 8,492.49	\$ 3,962.86
<b>FIXED FEE</b>	<b>\$ 37,338.28</b>	<b>\$ 20,033.27</b>	<b>\$ 34,748.14</b>	<b>\$ 17,478.21</b>
HNTB Michigan, Inc.	\$ 29,329.92	\$ 15,344.62	\$ 25,592.41	\$ 13,199.61
BBF Engineering Services, P.C.	\$ 2,304.86	\$ 1,255.21	\$ 2,176.12	\$ 1,100.13
Great Lakes Geomatics, LLC	\$ 1,212.71	\$ 652.20	\$ 1,141.47	\$ 569.40
SOMAT Engineering, Inc.	\$ 4,490.79	\$ 2,781.24	\$ 5,838.14	\$ 2,609.07
<b>TOTAL COSTS SUMMARY</b>				
Consultant	Job Number 116141A	Job Number 116319A	Job Number 116321A	Job Number 116322A
HNTB Michigan, Inc.	\$ 309,013.45	\$ 161,477.57	\$ 269,440.85	\$ 138,895.12
BBF Engineering Services, P.C.	\$ 23,689.77	\$ 12,737.43	\$ 22,282.19	\$ 11,157.79
Great Lakes Geomatics, LLC	\$ 12,306.82	\$ 6,601.63	\$ 11,598.72	\$ 5,798.28
SOMAT Engineering, Inc.	\$ 50,547.10	\$ 32,324.72	\$ 68,970.63	\$ 30,875.73
<b>TOTAL COSTS</b>	<b>\$ 395,557.14</b>	<b>\$ 213,141.35</b>	<b>\$ 372,292.39</b>	<b>\$ 186,726.92</b>

NOTE: Tier 2 Sub costs are not included in the total costs for Prime and Tier 1 Sub's

**EXHIBIT B**  
**Estimated Staffing Plan and Project Schedule**  
**MDOT JN TBD SAFETY PROJECT - ATTENUATORS**

**ESTIMATED STAFFING PLAN AND PROJECT SCHEDULE**

CS 82457 JN SAFETY (CN-006)  
 City Of Detroit - Department of Public Works - Construction Engineering Division

Tasks	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14
Contract Administration, Management, and Meetings							
Construction Engineering and Inspection							
Maintain Field Manager							
Punchlist and Project Cleanup							
Project Records Review							
Prepare Final Estimate Package/MDOT Review and Acceptance							

Legend

■ = Planned Work

	Staffing Plan Hours							Totals
	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	
<b>CS 82457 JN SAFETY (CN-006)</b>								
Inspectors	32	64	80	14				190
Senior Inspector	10	15	20	15	15	10		85
Project Manager / Engineer	4	6	8	6	6	5		35
Assistant Project Engineer	12	20	20	12	12	8		84
Office Technician	8	16	18	16	16	16		90
Project Analyst	2		2	1		2	2	9
Quality Assurance / Quality Control	2		2	1		2	1	8
Somet	8	30	30	30	8			106
GLG	14							14
BBF								0
<b>Totals</b>	<b>92</b>	<b>151</b>	<b>180</b>	<b>95</b>	<b>57</b>	<b>43</b>	<b>3</b>	<b>621</b>

## EXHIBIT B Estimated Staffing Plan and Project Schedule MDOT JN 116141A

### ESTIMATED STAFFING PLAN AND PROJECT SCHEDULE

CS 82457 JN 116141A (CN-001)

City Of Detroit - Department of Public Works - Construction Engineering Division

Tasks	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
Contract Administration, Management, and Meetings									
Construction Engineering and Inspection									
Maintain Field Manager									
Punchlist and Project Cleanup									
Project Records Review									
Prepare Final Estimate Package/MDOT Review and Acceptance									

Legend

■ = Planned Work

	Staffing Plan Hours										Totals
	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13		
CS 82457 JN 116141A (CN-001)											
Inspectors	90	800	680	364	162						2270
Senior Inspector	40	80	100	80	76	58	32	32	8		506
Project Manager / Engineer	8	16	20	16	12	12	8	8	2		108
Assistant Project Engineer	32	40	50	40	38	28	18	16	4		286
Office Technician	16	32	40	32	32	28	18	16	4		216
Project Analyst			4	3	4	4	2				12
Quality Assurance / Quality Control	40	160	10	8	8	6	4	3	1		50
Survey	18	36	200	200	100	20	4				724
GIS	40	40	40	38	38	19	4				183
RFI			40	40	40	40	36				276
<b>Totals</b>	<b>282</b>	<b>1014</b>	<b>1194</b>	<b>818</b>	<b>710</b>	<b>377</b>	<b>120</b>	<b>75</b>	<b>19</b>		<b>4609</b>

## EXHIBIT B

### Estimated Staffing Plan and Project Schedule

#### MDOT JN 116319A

### ESTIMATED STAFFING PLAN AND PROJECT SCHEDULE

CS 82457 JN 116319A (CN-002)  
 City Of Detroit - Department of Public Works - Construction Engineering Division

Tasks	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14
Contract Administration, Management, and Meetings									
Construction Engineering and Inspection									
Maintain Field Manager									
Punchlist and Project Cleanup									
Project Records Review									
Prepare Final Estimate Package/MDOT Review and Acceptance									

Legend  
 = Planned Work

	Staffing Plan Hours										Totals
	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14		
<b>CS 82457 JN 116319A (CN-002)</b>											
Inspectors	80	280	300	320	240	120	28				1368
Senior Inspector	15	24	24	34	24	34	24	24	22		225
Project Manager / Engineer	4	4	4	6	4	4	6	4	4		40
Assistant Project Engineer	8	12	12	14	12	12	14	8	3		85
Office Technician	8	16	16	16	16	16	16	16	4		124
Project Analyst		2	2	4	4	2	4	8	2		22
Quality Assurance / Quality Control	1	1	1	1	1	1	1	1	1		8
Somet	40	80	80	80	80	80	10				450
GLG	24	24	24	40	8						86
BBF	8	36	36	36	16	10	8				150
<b>Totals</b>	<b>163</b>	<b>477</b>	<b>499</b>	<b>551</b>	<b>401</b>	<b>279</b>	<b>109</b>	<b>61</b>	<b>36</b>	<b>2576</b>	

**EXHIBIT B**  
**Estimated Staffing Plan and Project Schedule**  
**MDOT JN 116321A**

**ESTIMATED STAFFING PLAN AND PROJECT SCHEDULE**

CS 82457 JN 116321A (CN-003)  
 City Of Detroit - Department of Public Works - Construction Engineering Division

Tasks	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14
Contract Administration, Management, and Meetings									
Construction Engineering and Inspection									
Maintain Field Manager									
Punchlist and Project Cleanup									
Project Records Review									
Prepare Final Estimate Package/MDOT Review and Acceptance									

Legend  
 = Planned Work

CS 82457 JN 116321A (CN-003)		Staffing Plan Hours									Totals
		260	520	805	445	180	40	6	3	2069	
Inspectors	10										
Senior Inspector	10	64	64	80	40	32	32	6	6	380	
Project Manager / Engineer	8	12	12	12	8	8	8	6	2	80	
Assistant Project Engineer	14	32	32	32	32	20	20	18	4	202	
Office Technician	16	32	32	40	32	24	20	18	4	216	
Project Analyst			2	4		2	4			14	
Quality Assurance / Quality Control		6	6	6	6	6	2	2		34	
Somat	42	200	200	200	200	42	42			926	
GLG	16	40	40	48	20	8				172	
BBF	24	60	80	72	40	5				261	
<b>Totals</b>	<b>140</b>	<b>706</b>	<b>968</b>	<b>1099</b>	<b>827</b>	<b>327</b>	<b>168</b>	<b>78</b>	<b>21</b>	<b>4334</b>	

# EXHIBIT B

## Estimated Staffing Plan and Project Schedule MDOT JN 116322A

### ESTIMATED STAFFING PLAN AND PROJECT SCHEDULE

CS 82457 JN 116322A (CN-004)  
 City Of Detroit - Department of Public Works - Construction Engineering Division

Tasks	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13
Contract Administration, Management, and Meetings							
Construction Engineering and Inspection							
Maintain Field Manager							
Punchlist and Project Cleanup							
Project Records Review							
Prepare Final Estimate Package/MDOT Review and Acceptance							

**Legend**

■ = Planned Work

	Staffing Plan Hours							Totals
	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	
<b>CS 82457 JN 116322A (CN-004)</b>								
Inspectors	30	310	330	225	40	2		937
Senior Inspector	12	32	40	32	32	36	12	196
Project Manager / Engineer	2	4	5	4	4	3	2	24
Assistant Project Engineer	8	32	40	32	25	24	12	173
Office Technician	8	16	20	16	16	20	12	108
Project Analyst			4	2		4	2	12
Quality Assurance / Quality Control	2	2	3	2	2	3	2	16
Somat	20	100	90	90	90	22	7	419
GLG	8	16	24	20	8	8		84
BBF	8	40	40	32	8	4		132
<b>Totals</b>	<b>98</b>	<b>552</b>	<b>596</b>	<b>455</b>	<b>225</b>	<b>126</b>	<b>49</b>	<b>2101</b>

# EXHIBIT B

## Estimated Staffing Plan and Project Schedule

### MDOT JN 116119A

#### ESTIMATED STAFFING PLAN AND PROJECT SCHEDULE, AS AMENDED

CS 82457 JN 116119A - ADA RAMP (CN-005) Amendment #1

City Of Detroit - Department of Public Works - Construction Engineering Division

Tasks	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
Contract Administration, Management, and Meetings									
Construction Engineering and Inspection									
Design and Materials									
Dispatch and Project									
Final Estimate Review									
Prepare Final Estimate Package/MDOT Review and Acceptance									

Legend  
 = Original Schedule  
 = Amended Schedule

2013 Staffing Plan Hours										
CS 82457 JN 116119A - ADA RAMP (CN-005) - Revised Amendment #1	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Totals
Inspectors										106.5
Senior Inspector										4.5
Project Manager / Engineer										10
Office Technician										7.5
Project Analyst										25.5
Quality Assurance / Quality Control										17
HNTB Totals	0.25	1.75	0.75	2.25	2.75	3.5	3	2.75	3	0
	0.25	2.75	2.5	23.25	10.75	4.25	13	82.5	24.25	163.5
										Subconsultant Hours 48.5
										2013 Total Hours 212

2014 Staffing Plan Hours										
CS 82457 JN 116119A - ADA RAMP (CN-005) Amendment #1	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14		Totals
Inspectors										337.5
Senior Inspector										92.5
Project Manager / Engineer										32
Office Technician										54.5
Project Analyst										13
Quality Assurance / Quality Control										16
HNTB Totals	12.5	6.75	12	87	213.5	171	82.75	20	605.5	521.5
										Subconsultant Hours 521.5
										2014 Total Hours 1127

Legend  
 = Original Schedule  
 = Amended Schedule

2014 Staffing Plan Hours										
CS 82457 JN 116119A - ADA RAMP (CN-005) Amendment #1	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14		Totals
Inspectors										337.5
Senior Inspector										92.5
Project Manager / Engineer										32
Office Technician										54.5
Project Analyst										13
Quality Assurance / Quality Control										16
HNTB Totals	12.5	6.75	12	87	213.5	171	82.75	20	605.5	521.5
										Subconsultant Hours 521.5
										2014 Total Hours 1127

Total HNTB Hours 769  
 Total Project Hours 1339

Note: All hours noted above up to February 2014 are actual hours charged to the project. All hours for March 2014 moving forward are an estimate of hours required to complete the fieldwork and project closure.

# EXHIBIT B

## Estimated Staffing Plan and Project Schedule

### MDOT JN 113663A

(Includes 113644A, 113664A, 113666A, 113667A, 113672A, & 113673A)

### ESTIMATED STAFFING PLAN AND PROJECT SCHEDULE

CS 82457 JN SAFETY (CN-008)  
 City Of Detroit - Department of Public Works - Construction Engineering Division

Tasks	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14
Contract Administration, Management and Meetings							
Construction Engineering and Inspection							
Maintain Field Manager							
Punchlist and Project Cleanup							
Project Records Review							
Prepare Final Estimate Package/M/DOT Review and Acceptance							

Legend

■ = Planned Work

	Staffing Plan Hours							Totals
	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	
<b>CS 82457 JN SAFETY (CN-008)</b>								
Inspectors	32	64	80	14				190
Senior Inspector	10	15	20	15				85
Project Manager / Engineer	4	6	8	6		10		35
Assistant Project Engineer	12	20	20	12		8		84
Office Technician	8	16	18	16		16		90
Project Analyst	2	2	2	1		2		9
Quality Assurance / Quality Control	2	2	2	1		2		8
Somati	8	30	30	8				106
GLG	14							14
BBF								0
<b>Totals</b>	<b>92</b>	<b>151</b>	<b>180</b>	<b>95</b>	<b>57</b>	<b>43</b>	<b>3</b>	<b>621</b>



## EXHIBIT C

### SUMMARY OF TOTAL PROJECT COSTS BY JOB NUMBER

SUMMARY OF TOTAL PROJECT COSTS BY JOB NUMBER							
Sheet A COMPENSATION / FEE SCHEDULE (Amendment #1)							
Full Construction Engineering / Inspection							
City of Detroit DPW / CED - HNTB: 58872-CN-005 and CN-007							
Compensation Page 1 of 10							
MDOT CONTROL SECTION(S) - JOB NUMBER(S):				CONTRACT / AUTHORIZATION NUMBER:			
CS 82457, 82609 - JN 116119A (ADA Ramps), 113663A				CPO 2876243 / SPO 2876244			
PRIME CONSULTANT NAME:		DBE Goal:		PROJECT DESCRIPTION:			
HNTB Michigan, Inc.		10%		CEI Services for Seven (7) MDOT Projects for the City of Detroit - Department of Public Works - City Engineering Division			
Consultant	Job Number 116119A (ADA Ramps)	Job Number 113663A	Job Number	Job Number	DBE (Y if DBE)	Total	% of Contract
<b>HOURS</b>	305	461	-	-		766	
HNTB Michigan, Inc.	134	274	-	-		408	
BBF Engineering Services, P.C.	-	-	-	-		-	
Great Lakes Geomatics, LLC	-	-	-	-		-	
SOMAT Engineering, Inc.	171	187	-	-		358	
<b>DIRECT LABOR</b>	\$ 6,776.56	\$ 9,629.77	-	-		\$ 16,406.33	
HNTB Michigan, Inc.	\$ 3,529.76	\$ 6,707.52	-	-		\$ 10,237.28	
BBF Engineering Services, P.C.	\$ -	\$ -	-	-		\$ -	
Great Lakes Geomatics, LLC	\$ -	\$ -	-	-		\$ -	
SOMAT Engineering, Inc.	\$ 3,246.80	\$ 2,922.25	-	-		\$ 6,169.05	
<b>OVERHEAD</b>	\$ 10,765.78	\$ 14,612.35	-	-		\$ 25,378.13	
HNTB Michigan, Inc.	\$ 4,921.54	\$ 9,352.30	-	-		\$ 14,273.84	
BBF Engineering Services, P.C.	\$ -	\$ -	-	-		\$ -	
Great Lakes Geomatics, LLC	\$ -	\$ -	-	-		\$ -	
SOMAT Engineering, Inc.	\$ 5,844.24	\$ 5,260.05	-	-		\$ 11,104.29	
<b>F.C.C.M.</b>	\$ 2.47	\$ 4.70	-	-		\$ 7.17	
HNTB Michigan, Inc.	\$ 2.47	\$ 4.70	-	-		\$ 7.17	
BBF Engineering Services, P.C.	\$ -	\$ -	-	-		\$ -	
Great Lakes Geomatics, LLC	\$ -	\$ -	-	-		\$ -	
SOMAT Engineering, Inc.	\$ -	\$ -	-	-		\$ -	
<b>DIRECT EXPENSES</b>	\$ -	\$ 509.20	-	-		\$ 509.20	
HNTB Michigan, Inc.	\$ -	\$ 12.48	-	-		\$ 12.48	
BBF Engineering Services, P.C.	\$ -	\$ -	-	-		\$ -	
Great Lakes Geomatics, LLC	\$ -	\$ -	-	-		\$ -	
SOMAT Engineering, Inc.	\$ -	\$ 496.72	-	-		\$ 496.72	
<b>FIXED FEE</b>	\$ 1,929.65	\$ 2,666.63	-	-		\$ 4,596.28	
HNTB Michigan, Inc.	\$ 929.64	\$ 1,766.58	-	-		\$ 2,696.22	
BBF Engineering Services, P.C.	\$ -	\$ -	-	-		\$ -	
Great Lakes Geomatics, LLC	\$ -	\$ -	-	-		\$ -	
SOMAT Engineering, Inc.	\$ 1,000.01	\$ 900.05	-	-		\$ 1,900.06	
<b>TOTAL COSTS SUMMARY</b>							
Consultant	Job Number 116119A (ADA Ramps)	Job Number 113663A	Job Number	Job Number	DBE (Y if DBE)	Total	% of Contract
HNTB Michigan, Inc.	\$ 9,383.41	\$ 17,843.58	\$ -	\$ -	N	\$ 27,226.99	58.1%
BBF Engineering Services, P.C.	\$ -	\$ -	\$ -	\$ -	Y	\$ -	
Great Lakes Geomatics, LLC	\$ -	\$ -	\$ -	\$ -	Y	\$ -	
SOMAT Engineering, Inc.	\$ 10,091.05	\$ 9,579.07	\$ -	\$ -	Y	\$ 19,670.12	41.9%
<i>NOTE: Tier 2 Sub costs are not included in the total costs for Prime and Tier 1 Sub's</i>							
<b>TOTAL COSTS</b>	\$ 19,474.46	\$ 27,422.65	\$ -	\$ -		\$ 46,897.11	100.0%

## EXHIBIT C

### SUMMARY OF TOTAL PROJECT COSTS

SUMMARY OF TOTAL PROJECT COSTS BY PROJECT NUMBER							
Sheet A-2 COMPENSATION / FEE SCHEDULE (Amendment #1)							
Full Construction Engineering / Inspection							
City of Detroit DPW / CED - HNTB: 58872-CN-001 thru CN-007							
MDOT CONTROL SECTION(S) - JOB NUMBER(S):				CONTRACT / AUTHORIZATION NUMBER:			
CS 82400, 82457, 82609 - JN 116141A, 116319A, 116321A, 116322A, 116119A (ADA Ramps), Safety Project, 113663A				CPO 2876243 / SPO 2876244			
PRIME CONSULTANT NAME:		DBE Goal:		PROJECT DESCRIPTION:			
HNTB Michigan, Inc.		10%		CEI Services for Seven (7) MDOT Projects for the City of Detroit - Department of Public Works - City Engineering Division			
Consultant	Job Number 116119A (ADA Ramps)	Job Number Safety Project	Job Number 113663A	Job Number	DBE (Y if DBE)	Total	% of Contract
<b>HOURS</b>	<b>1,339</b>	<b>621</b>	<b>3,757</b>	-		<b>19,337</b>	
HNTB Michigan, Inc.	769	501	2,943	-		13,960	
BBF Engineering Services, P.C.	-	-	-	-		819	
Great Lakes Geomatics, LLC	30	14	115	-		694	
SOMAT Engineering, Inc.	540	106	699	-		3,864	
<b>DIRECT LABOR</b>	<b>\$ 35,442.30</b>	<b>\$ 19,431.06</b>	<b>\$ 101,004.53</b>	<b>\$ -</b>		<b>\$ 554,753.10</b>	
HNTB Michigan, Inc.	\$ 24,801.20	\$ 17,048.16	\$ 85,830.08	\$ -		\$ 433,975.40	
BBF Engineering Services, P.C.	\$ -	\$ -	\$ -	\$ -		\$ 26,338.50	
Great Lakes Geomatics, LLC	\$ 680.30	\$ 428.40	\$ 2,697.20	\$ -		\$ 15,551.90	
SOMAT Engineering, Inc.	\$ 9,960.80	\$ 1,954.50	\$ 12,477.25	\$ -		\$ 78,887.30	
<b>OVERHEAD</b>	<b>\$ 55,477.71</b>	<b>\$ 29,460.55</b>	<b>\$ 153,466.41</b>	<b>\$ -</b>		<b>\$ 839,332.26</b>	
HNTB Michigan, Inc.	\$ 36,345.84	\$ 25,185.25	\$ 126,240.06	\$ -		\$ 640,262.16	
BBF Engineering Services, P.C.	\$ -	\$ -	\$ -	\$ -		\$ 35,809.83	
Great Lakes Geomatics, LLC	\$ 1,202.43	\$ 757.20	\$ 4,767.30	\$ -		\$ 27,487.98	
SOMAT Engineering, Inc.	\$ 17,929.44	\$ 3,518.10	\$ 22,459.05	\$ -		\$ 135,772.29	
<b>F.C.C.M.</b>	<b>\$ 25.87</b>	<b>\$ 18.75</b>	<b>\$ 91.73</b>	<b>\$ -</b>		<b>\$ 473.27</b>	
HNTB Michigan, Inc.	\$ 25.87	\$ 18.75	\$ 91.73	\$ -		\$ 473.27	
BBF Engineering Services, P.C.	\$ -	\$ -	\$ -	\$ -		\$ -	
Great Lakes Geomatics, LLC	\$ -	\$ -	\$ -	\$ -		\$ -	
SOMAT Engineering, Inc.	\$ -	\$ -	\$ -	\$ -		\$ -	
<b>DIRECT EXPENSES</b>	<b>\$ 2,555.26</b>	<b>\$ 1,711.49</b>	<b>\$ 8,428.91</b>	<b>\$ -</b>		<b>\$ 70,675.83</b>	
HNTB Michigan, Inc.	\$ 2,489.70	\$ 1,675.33	\$ 7,829.36	\$ -		\$ 48,230.93	
BBF Engineering Services, P.C.	\$ -	\$ -	\$ -	\$ -		\$ 882.53	
Great Lakes Geomatics, LLC	\$ 17.52	\$ 30.51	\$ 38.42	\$ -		\$ 309.07	
SOMAT Engineering, Inc.	\$ 48.03	\$ 5.65	\$ 561.13	\$ -		\$ 21,253.30	
<b>FIXED FEE</b>	<b>\$ 10,001.19</b>	<b>\$ 5,378.09</b>	<b>\$ 27,991.81</b>	<b>\$ -</b>		<b>\$ 152,968.99</b>	
HNTB Michigan, Inc.	\$ 6,726.17	\$ 4,645.68	\$ 23,327.72	\$ -		\$ 118,166.13	
BBF Engineering Services, P.C.	\$ -	\$ -	\$ -	\$ -		\$ 6,836.32	
Great Lakes Geomatics, LLC	\$ 207.10	\$ 130.42	\$ 821.10	\$ -		\$ 4,734.40	
SOMAT Engineering, Inc.	\$ 3,067.92	\$ 601.99	\$ 3,842.99	\$ -		\$ 23,232.14	
<b>TOTAL COSTS SUMMARY</b>						<b>Total</b>	
Consultant	Job Number 116119A (ADA Ramps)	Job Number Safety Project	Job Number 113663A	Job Number			
HNTB Michigan, Inc.	\$ 70,388.78	\$ 48,573.17	\$ 243,318.95	\$ -	N	\$ 1,241,107.89	76.7%
BBF Engineering Services, P.C.	\$ -	\$ -	\$ -	\$ -	Y	\$ 69,867.18	4.3%
Great Lakes Geomatics, LLC	\$ 2,107.35	\$ 1,348.53	\$ 8,324.02	\$ -	Y	\$ 48,083.35	3.0%
SOMAT Engineering, Inc.	\$ 31,006.19	\$ 6,080.24	\$ 39,340.42	\$ -	Y	\$ 259,145.03	18.0%
<i>NOTE: Tier 2 Sub costs are not included in the total costs for Prime and Tier 1 Sub's</i>							
<b>TOTAL COSTS</b>	<b>\$ 103,502.33</b>	<b>\$ 55,999.94</b>	<b>\$ 290,983.40</b>	<b>\$ -</b>		<b>\$ 1,618,203.45</b>	<b>100.0%</b>

## EXHIBIT C

### SUMMARY OF TOTAL PROJECT COSTS

SUMMARY OF TOTAL PROJECT COSTS, AS AMENDED							
Sheet A-3 COMPENSATION / FEE SCHEDULE (Amendment #1)							
Full Construction Engineering / Inspection							
City of Detroit DPW / CED - HNTB: 58872-CN-001 thru CN-007							
MDOT CONTROL SECTION(S) - JOB NUMBER(S):				CONTRACT / AUTHORIZATION NUMBER:			
CS 82400, 82457, 82609 - JN 116141A, 116319A, 116321A, 116322A, 116119A (ADA Ramps), Safety Project, 113663A				CPO 2876243 / SPO 2876244			
PRIME CONSULTANT NAME:		DBE Goal:		PROJECT DESCRIPTION:			
HNTB Michigan, Inc.		10%		CEI Services for Seven (7) MDOT Projects for the City of Detroit - Department of Public Works - City Engineering Division			
Consultant	Original Contract	Amendment #1 (Revision)	Amendment #2 (Revision)	Amendment #3 (Revision)	(Y if DBE)		% of Contract
<b>HOURS</b>	<b>18,571</b>	<b>766</b>	-	-			<b>19,337</b>
HNTB Michigan, Inc.	13,552	408	-	-			13,960
BBF Engineering Services, P.C.	819	-	-	-			819
Great Lakes Geomatics, LLC	694	-	-	-			694
SOMAT Engineering, Inc.	3,506	358	-	-			3,864
<b>DIRECT LABOR</b>	<b>\$ 538,346.77</b>	<b>\$ 16,406.33</b>	<b>\$ -</b>	<b>\$ -</b>			<b>\$ 554,753.10</b>
HNTB Michigan, Inc.	\$ 423,738.12	\$ 10,237.28	\$ -	\$ -			\$ 433,975.40
BBF Engineering Services, P.C.	\$ 26,338.50	\$ -	\$ -	\$ -			\$ 26,338.50
Great Lakes Geomatics, LLC	\$ 15,551.90	\$ -	\$ -	\$ -			\$ 15,551.90
SOMAT Engineering, Inc.	\$ 72,718.25	\$ 6,169.05	\$ -	\$ -			\$ 78,887.30
<b>OVERHEAD</b>	<b>\$ 813,954.13</b>	<b>\$ 25,378.13</b>	<b>\$ -</b>	<b>\$ -</b>			<b>\$ 839,332.26</b>
HNTB Michigan, Inc.	\$ 625,988.32	\$ 14,273.84	\$ -	\$ -			\$ 640,262.16
BBF Engineering Services, P.C.	\$ 35,809.83	\$ -	\$ -	\$ -			\$ 35,809.83
Great Lakes Geomatics, LLC	\$ 27,487.98	\$ -	\$ -	\$ -			\$ 27,487.98
SOMAT Engineering, Inc.	\$ 124,668.00	\$ 11,104.29	\$ -	\$ -			\$ 135,772.29
<b>F.C.C.M.</b>	<b>\$ 466.10</b>	<b>\$ 7.17</b>	<b>\$ -</b>	<b>\$ -</b>			<b>\$ 473.27</b>
HNTB Michigan, Inc.	\$ 466.10	\$ 7.17	\$ -	\$ -			\$ 473.27
BBF Engineering Services, P.C.	\$ -	\$ -	\$ -	\$ -			\$ -
Great Lakes Geomatics, LLC	\$ -	\$ -	\$ -	\$ -			\$ -
SOMAT Engineering, Inc.	\$ -	\$ -	\$ -	\$ -			\$ -
<b>DIRECT EXPENSES</b>	<b>\$ 70,166.63</b>	<b>\$ 509.20</b>	<b>\$ -</b>	<b>\$ -</b>			<b>\$ 70,675.83</b>
HNTB Michigan, Inc.	\$ 48,218.45	\$ 12.48	\$ -	\$ -			\$ 48,230.93
BBF Engineering Services, P.C.	\$ 882.53	\$ -	\$ -	\$ -			\$ 882.53
Great Lakes Geomatics, LLC	\$ 309.07	\$ -	\$ -	\$ -			\$ 309.07
SOMAT Engineering, Inc.	\$ 20,756.58	\$ 496.72	\$ -	\$ -			\$ 21,253.30
<b>FIXED FEE</b>	<b>\$ 148,372.71</b>	<b>\$ 4,596.28</b>	<b>\$ -</b>	<b>\$ -</b>			<b>\$ 152,968.99</b>
HNTB Michigan, Inc.	\$ 115,469.91	\$ 2,696.22	\$ -	\$ -			\$ 118,166.13
BBF Engineering Services, P.C.	\$ 6,836.32	\$ -	\$ -	\$ -			\$ 6,836.32
Great Lakes Geomatics, LLC	\$ 4,734.40	\$ -	\$ -	\$ -			\$ 4,734.40
SOMAT Engineering, Inc.	\$ 21,332.08	\$ 1,900.06	\$ -	\$ -			\$ 23,232.14
<b>TOTAL COSTS SUMMARY</b>							<b>Total</b>
Consultant	Original Contract	Amendment #1 (Revision)	Amendment #2 (Revision)	Amendment #3 (Revision)			
HNTB Michigan, Inc.	\$ 1,213,880.90	\$ 27,226.99	\$ -	\$ -	N	\$ 1,241,107.89	76.7%
BBF Engineering Services, P.C.	\$ 69,867.18	\$ -	\$ -	\$ -	Y	\$ 69,867.18	4.3%
Great Lakes Geomatics, LLC	\$ 48,083.35	\$ -	\$ -	\$ -	Y	\$ 48,083.35	3.0%
SOMAT Engineering, Inc.	\$ 239,474.91	\$ 19,670.12	\$ -	\$ -	Y	\$ 259,145.03	16.0%
<i>NOTE: Tier 2 Sub costs are not included in the total costs for Prime and Tier 1 Sub's</i>							
<b>TOTAL COSTS</b>	<b>\$ 1,571,306.34</b>	<b>\$ 46,897.11</b>	<b>\$ -</b>	<b>\$ -</b>		<b>\$ 1,618,203.45</b>	<b>100.0%</b>

## EXHIBIT C

### SUMMARY OF TOTAL PROJECT COSTS

SUMMARY OF TOTAL PROJECT COSTS, AS AMENDED						
Sheet B COMPENSATION / FEE SCHEDULE (Amendment #1)						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-001 thru CN-007						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): CS 82400, 82457, 82609 - JN 116141A, 116319A, 116321A, 116322A, 116119A (ADA Ramps), Safety Project, 113663A			CONTRACT / AUTHORIZATION #: CPO 2876243 SPO 2876244		FIRM ROLE: Prime Firm	
PRIME CONSULTANT NAME: HNTB Michigan, Inc.		DBE Goal: 10%	PROJECT DESCRIPTION: CEI Services for Seven (7) MDOT Projects for the City of Detroit - Department of Public Works - City Engineering Division			
<b>PRIME DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager	Victor Judnic	4	x	\$ 66.32	=	\$ 265.28
Senior Inspector	Jason Finkbeiner	17	x	\$ 37.76	=	\$ 641.92
Construction Inspector	Bryan Marshall	83	x	\$ 21.04	=	\$ 1,746.32
Overtime	Bryan Marshall	10	x	\$ 31.56	=	\$ 315.60
Construction Inspector	Lacey Hoefler	17	x	\$ 27.52	=	\$ 467.84
Construction Inspector	Nell Caviness	234	x	\$ 24.48	=	\$ 5,728.32
Overtime	Nell Caviness	40	x	\$ 24.48	=	\$ 979.20
Project Analyst	Kim Pingle	1	x	\$ 35.20	=	\$ 35.20
Project Analyst	Kevin Wetzel	2	x	\$ 28.80	=	\$ 57.60
Total Hours:		<b>408</b>				<b>Total Labor \$ 10,237.28</b>
<b>PRIME OVERHEAD:</b> (Total Labor x Overhead Rate)						
Overhead Rate:		<b>139.43%</b>				<b>Total Overhead \$ 14,273.84</b>
<b>PRIME FACILITIES CAPITAL COST OF MONEY (F.C.C.M.):</b> (Total Labor x F.C.C.M. Rate)						
F.C.C.M. Rate:		<b>0.07%</b>				<b>Total F.C.C.M. \$ 7.17</b>
<b>PRIME OTHER DIRECT EXPENSES:</b> (List each item once at Actual Cost - NO MARKUP.)						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Overhead Lease Vehicles Mileage	16	@	\$ 0.555	per mile	=	\$ 8.88
Reproduction	18	@	\$ 0.20	per sheet	=	\$ 3.60
<b>Total Other Direct Expenses</b>						<b>\$ 12.48</b>
<b>PRIME FIXED FEE FOR PROFIT:</b> ((Total Labor + Total Overhead) x 11%)						
Fixed Fee Rate:		<b>11%</b>				<b>Total Fixed Fee \$ 2,696.22</b>
<b>SUMMARY OF ALL SUBCONSULTANT COSTS:</b> List each subconsultant separately						
		<i>Fixed Fee</i>		<i>Costs (w/o fixed fee)</i>		
BBF Engineering Services, P.C.	\$	-	\$	-	\$	-
Great Lakes Geomatics, LLC	\$	-	\$	-	\$	-
SOMAT Engineering, Inc.	\$	1,900.06	\$	17,770.06	\$	19,670.12
<b>Total Subconsultant</b>						<b>\$ 19,670.12</b>
<b>PRIME TOTAL COSTS SUMMARY</b>						<b>\$ 46,897.11</b>

## EXHIBIT C

### SUMMARY OF PRIME CONSULTANT COSTS FOR MDOT PROJECT JN 116141A

DERIVATION OF PRIME CONSULTANT COSTS						
Sheet B-1 COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-001						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82457 - JN 116141A</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Prime Firm</b>	
PRIME CONSULTANT NAME: <b>HNTB Michigan, Inc.</b>		DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>5.5 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)</b>			
<b>PRIME DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>						
	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager	Victor Judnic	106	x	\$ 63.12	=	\$ 6,690.72
Assistant Project Engineer	Bryan Edwards	266	x	\$ 48.72	=	\$ 12,959.52
Quality Control (QA / QC)	Victor Frendo	50	x	\$ 66.40	=	\$ 3,320.00
Senior Inspector	Jason Finkbeiner	455	x	\$ 35.92	=	\$ 16,343.60
Overtime	Jason Finkbeiner	51	x	\$ 53.88	=	\$ 2,747.88
Construction Inspector	Mike Chauvin	540	x	\$ 27.68	=	\$ 14,947.20
Overtime	Mike Chauvin	136	x	\$ 41.52	=	\$ 5,646.72
Construction Inspector	Lacey Hoefler	554	x	\$ 26.08	=	\$ 14,448.32
Overtime	Lacey Hoefler	140	x	\$ 26.08	=	\$ 3,651.20
Construction Inspector	Cesar Mireles	810	x	\$ 23.52	=	\$ 19,051.20
Overtime	Cesar Mireles	90	x	\$ 23.52	=	\$ 2,116.80
Office Technician	Robin Kelly	216	x	\$ 24.88	=	\$ 5,374.08
Project Analyst	Kim Pingle	3	x	\$ 34.16	=	\$ 102.48
Project Analyst	Kevin Wetzel	9	x	\$ 25.76	=	\$ 231.84
Total Hours:		<b>3426</b>				<b>Total Labor \$ 107,631.56</b>
<b>PRIME OVERHEAD: (Total Labor x Overhead Rate)</b>						
Overhead Rate:		<b>147.73%</b>				<b>Total Overhead \$ 159,004.10</b>
<b>PRIME FACILITIES CAPITAL COST OF MONEY (F.C.C.M.): (Total Labor x F.C.C.M. Rate)</b>						
F.C.C.M. Rate:		<b>0.11%</b>				<b>Total F.C.C.M. \$ 118.39</b>
<b>PRIME OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Project Lease Vehicles (rate includes fuel)	7	@	\$ 975.00	per month	=	\$ 6,825.00
Project Rental Vehicles (rate includes fuel)	5	@	\$ 1,000.00	per month	=	\$ 5,000.00
Overhead Lease Vehicles Mileage	1,280	@	\$ 0.565	per mile	=	\$ 723.20
Personal Vehicles Mileage	335	@	\$ 0.565	per mile	=	\$ 189.28
Reproduction	760	@	\$ 0.20	per sheet	=	\$ 152.00
Mailing / Shipping	2	@	\$ 20.00	per package	=	\$ 40.00
Total Other Direct Expenses						<b>\$ 12,929.48</b>
<b>PRIME FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
Fixed Fee Rate:		<b>11%</b>				<b>Total Fixed Fee \$ 29,329.92</b>
<b>SUMMARY OF ALL SUBCONSULTANT COSTS: List each subconsultant separately</b>						
	<i>Fixed Fee</i>		<i>Costs (w/o fixed fee)</i>			
BBF Engineering Services, P.C.	\$ 2,304.86		\$ 21,384.91			\$ 23,689.77
Great Lakes Geomatics, LLC	\$ 1,212.71		\$ 11,094.11			\$ 12,306.82
SOMAT Engineering, Inc.	\$ 4,490.79		\$ 46,056.31			\$ 50,547.10
Total Subconsultant						<b>\$ 86,543.69</b>
<b>PRIME TOTAL COSTS SUMMARY</b>						<b>\$ 395,557.14</b>

## EXHIBIT C

### SUMMARY OF PRIME CONSULTANT COSTS FOR MDOT PROJECT JN 116319A

DERIVATION OF PRIME CONSULTANT COSTS							
Sheet B-2 COMPENSATION / FEE SCHEDULE							
Full Construction Engineering / Inspection							
City of Detroit DPW / CED - HNTB: 58872-CN-002							
Compensation Page 5 of 31							
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82457 - JN 116319A</b>				CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Prime Firm</b>	
PRIME CONSULTANT NAME: <b>HNTB Michigan, Inc.</b>			DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>3.19 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)</b>			
<b>PRIME DIRECT LABOR:</b>							
<i>CLASSIFICATION</i>							
	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>	
Project Manager	Victor Judnic	40	x	\$ 63.12	=	\$	2,524.80
Assistant Project Engineer	Bryan Edwards	95	x	\$ 48.72	=	\$	4,628.40
Quality Control (QA / QC)	Victor Frendo	8	x	\$ 66.40	=	\$	531.20
Senior Inspector	Jason Finkbeiner	225	x	\$ 35.92	=	\$	8,082.00
Construction Inspector	Mike Chauvin	760	x	\$ 27.68	=	\$	21,036.80
Construction Inspector	Lacey Hoefler	566	x	\$ 26.08	=	\$	14,761.28
Overtime	Lacey Hoefler	40	x	\$ 26.08	=	\$	1,043.20
Office Technician	Robin Kelly	124	x	\$ 24.88	=	\$	3,085.12
Project Analyst	Kim Pingle	6	x	\$ 34.16	=	\$	204.96
Project Analyst	Kevin Wetzel	16	x	\$ 25.76	=	\$	412.16
Total Hours:		<b>1880</b>			Total Labor		<b>\$ 56,309.92</b>
<b>PRIME OVERHEAD: (Total Labor x Overhead Rate)</b>							
Overhead Rate:		<b>147.73%</b>			Total Overhead		<b>\$ 83,186.64</b>
<b>PRIME FACILITIES CAPITAL COST OF MONEY (F.C.C.M.): (Total Labor x F.C.C.M. Rate)</b>							
F.C.C.M. Rate:		<b>0.11%</b>			Total F.C.C.M.		<b>\$ 61.94</b>
<b>PRIME OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP)</b>							
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>		<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Project Lease Vehicles (rate includes fuel)	3	@	\$	975.00	per month	=	\$ 2,925.00
Project Rental Vehicles (rate includes fuel)	3	@	\$	1,000.00	per month	=	\$ 3,000.00
Overhead Lease Vehicles Mileage	710	@	\$	0.565	per mile	=	\$ 401.15
Personal Vehicles Mileage	220	@	\$	0.565	per mile	=	\$ 124.30
Reproduction	420	@	\$	0.20	per sheet	=	\$ 84.00
Mailing / Shipping	2	@	\$	20.00	per package	=	\$ 40.00
Total Other Direct Expenses						<b>\$</b>	<b>6,574.45</b>
<b>PRIME FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>							
Fixed Fee Rate:		<b>11%</b>			Total Fixed Fee		<b>\$ 15,344.62</b>
<b>SUMMARY OF ALL SUBCONSULTANT COSTS: List each subconsultant separately</b>							
	Fixed Fee		Costs (w/o fixed fee)				
BBF Engineering Services, P.C.	\$	1,255.21	\$	11,482.22	\$	12,737.43	
Great Lakes Geomatics, LLC	\$	652.20	\$	5,949.43	\$	6,601.63	
SOMAT Engineering, Inc.	\$	2,781.24	\$	29,543.48	\$	32,324.72	
Total Subconsultant						<b>\$</b>	<b>51,663.78</b>
<b>PRIME TOTAL COSTS SUMMARY</b>							<b>\$ 213,141.35</b>

## EXHIBIT C

### SUMMARY OF PRIME CONSULTANT'S COSTS FOR MDOT PROJECT JN 116119A

DERIVATION OF PRIME CONSULTANT COSTS						
Sheet B-3 COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-003						
Compensation Page 6 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82457 - JN 116321A</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Prime Firm</b>	
PRIME CONSULTANT NAME: <b>HNTB Michigan, Inc.</b>		DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>3.99 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)</b>			
<b>PRIME DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager	Victor Judnic	80	x	\$ 63.12	=	\$ 5,049.60
Assistant Project Engineer	Bryan Edwards	202	x	\$ 48.72	=	\$ 9,841.44
Quality Control (QA / QC)	Victor Frendo	34	x	\$ 66.40	=	\$ 2,257.60
Senior Inspector	Jonathan Bailey	360	x	\$ 34.80	=	\$ 12,528.00
Construction Inspector	Joe Barzo	770	x	\$ 28.80	=	\$ 22,176.00
Overtime	Joe Barzo	72	x	\$ 43.20	=	\$ 3,110.40
Construction Inspector	Marcos Plaza	618	x	\$ 28.40	=	\$ 17,551.20
Overtime	Marcos Plaza	56	x	\$ 42.60	=	\$ 2,385.60
Construction Inspector	Rob Sizemore	505	x	\$ 22.96	=	\$ 11,594.80
Overtime	Rob Sizemore	48	x	\$ 34.44	=	\$ 1,653.12
Office Technician	Robin Kelly	216	x	\$ 24.88	=	\$ 5,374.08
Project Analyst	Kim Pingle	4	x	\$ 34.16	=	\$ 136.64
Project Analyst	Kevin Wetzel	10	x	\$ 25.76	=	\$ 257.60
Total Hours:		<b>2975</b>			Total Labor	<b>\$ 93,916.08</b>
<b>PRIME OVERHEAD: (Total Labor x Overhead Rate)</b>						
Overhead Rate:		<b>147.73%</b>			Total Overhead	<b>\$ 138,742.22</b>
<b>PRIME FACILITIES CAPITAL COST OF MONEY (F.C.C.M.): (Total Labor x F.C.C.M. Rate)</b>						
F.C.C.M. Rate:		<b>0.11%</b>			Total F.C.C.M.	<b>\$ 103.31</b>
<b>PRIME OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Project Lease Vehicles (rate includes fuel)	5	@	\$ 975.00	per month	=	\$ 4,875.00
Project Rental Vehicles (rate includes fuel)	5	@	\$ 1,000.00	per month	=	\$ 5,000.00
Overhead Lease Vehicles Mileage	1,235	@	\$ 0.565	per mile	=	\$ 697.78
Personal Vehicles Mileage	570	@	\$ 0.565	per mile	=	\$ 322.05
Reproduction	760	@	\$ 0.20	per sheet	=	\$ 152.00
Mailing / Shipping	2	@	\$ 20.00	per package	=	\$ 40.00
Total Other Direct Expenses						<b>\$ 11,086.83</b>
<b>PRIME FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
Fixed Fee Rate:		<b>11%</b>			Total Fixed Fee	<b>\$ 25,592.41</b>
<b>SUMMARY OF ALL SUBCONSULTANT COSTS: List each subconsultant separately</b>						
		<i>Fixed Fee</i>		<i>Costs (w/o fixed fee)</i>		
BBF Engineering Services, P.C.	\$	2,176.12	\$	20,106.07	\$	22,282.19
Great Lakes Geomatics, LLC	\$	1,141.47	\$	10,457.25	\$	11,598.72
SOMAT Engineering, Inc.	\$	5,838.14	\$	63,132.49	\$	68,970.63
Total Subconsultant					<b>\$</b>	<b>102,851.54</b>
<b>PRIME TOTAL COSTS SUMMARY</b>						<b>\$ 372,292.39</b>

## EXHIBIT C

### SUMMARY OF PRIME CONSULTANT'S COSTS FOR MDOT PROJECT JN 116119A

DERIVATION OF PRIME CONSULTANT COSTS						
Sheet B-4 COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-004						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION #:		FIRM ROLE:	
CS 82457 - JN 116322A			CPO 2876243 SPO 2876244		Prime Firm	
PRIME CONSULTANT NAME:		DBE Goal:	PROJECT DESCRIPTION:			
HNTB Michigan, Inc.		10%	3.75 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)			
<b>PRIME DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager	Victor Judnic	24	x	\$ 63.12	=	\$ 1,514.88
Assistant Project Engineer	Bryan Edwards	173	x	\$ 48.72	=	\$ 8,428.56
Quality Control (QA / QC)	Victor Frendo	16	x	\$ 66.40	=	\$ 1,062.40
Senior Inspector	Jonathan Bailey	196	x	\$ 34.80	=	\$ 6,820.80
Construction Inspector	Joe Barzo	525	x	\$ 28.80	=	\$ 15,120.00
Overtime	Joe Barzo	52	x	\$ 43.20	=	\$ 2,246.40
Construction Inspector	Marcos Plaza	360	x	\$ 28.40	=	\$ 10,224.00
Office Technician	Robin Kelly	108	x	\$ 24.88	=	\$ 2,687.04
Project Analyst	Kim Pingle	3	x	\$ 34.16	=	\$ 102.48
Project Analyst	Kevin Wetzel	9	x	\$ 25.76	=	\$ 231.84
Total Hours:		<b>1466</b>			Total Labor	<b>\$ 48,438.40</b>
<b>PRIME OVERHEAD: (Total Labor x Overhead Rate)</b>						
Overhead Rate:		<b>147.73%</b>			Total Overhead	<b>\$ 71,558.05</b>
<b>PRIME FACILITIES CAPITAL COST OF MONEY (F.C.C.M.): (Total Labor x F.C.C.M. Rate)</b>						
F.C.C.M. Rate:		<b>0.11%</b>			Total F.C.C.M.	<b>\$ 53.28</b>
<b>PRIME OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Project Lease Vehicles (rate includes fuel)	3	@	\$ 975.00	per month	=	\$ 2,925.00
Project Rental Vehicles (rate includes fuel)	2	@	\$ 1,000.00	per month	=	\$ 2,000.00
Overhead Lease Vehicles Mileage	700	@	\$ 0.565	per mile	=	\$ 395.50
Personal Vehicles Mileage	335	@	\$ 0.565	per mile	=	\$ 189.28
Reproduction	480	@	\$ 0.20	per sheet	=	\$ 96.00
Mailing / Shipping	2	@	\$ 20.00	per package	=	\$ 40.00
Total Other Direct Expenses						<b>\$ 5,645.78</b>
<b>PRIME FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
Fixed Fee Rate:		<b>11%</b>			Total Fixed Fee	<b>\$ 13,199.61</b>
<b>SUMMARY OF ALL SUBCONSULTANT COSTS: List each subconsultant separately</b>						
		Fixed Fee		Costs (w/o fixed fee)		
BBF Engineering Services, P.C.	\$	1,100.13	\$	10,057.66	\$	11,157.79
Great Lakes Geomatics, LLC	\$	569.40	\$	5,228.88	\$	5,798.28
SOMAT Engineering, Inc.	\$	2,609.07	\$	28,266.66	\$	30,875.73
Total Subconsultant					\$	<b>47,831.80</b>
<b>PRIME TOTAL COSTS SUMMARY</b>						<b>\$ 186,726.92</b>

## EXHIBIT C

### SUMMARY OF PRIME CONSULTANT'S COSTS FOR MDOT PROJECT JN 116119A

DERIVATION OF PRIME CONSULTANT COSTS						
Sheet B-5 COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-005						
Compensation Page 8 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82457 - JN ADA</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Prime Firm</b>	
PRIME CONSULTANT NAME: <b>HNTB Michigan, Inc.</b>		DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>265 ADA Ramp Replacements (See Exhibit A - Project Descriptions)</b>			
<b>PRIME DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager	Victor Judnic	32	x	\$ 63.12	=	\$ 2,019.84
Assistant Project Engineer	Roger Jacob	80	x	\$ 42.08	=	\$ 3,366.40
Quality Control (QA / QC)	Victor Frendo	16	x	\$ 66.40	=	\$ 1,062.40
Senior Inspector	Jason Finkbeiner	80	x	\$ 35.92	=	\$ 2,873.60
Construction Inspector	Keanan Spellicy	298	x	\$ 26.56	=	\$ 7,914.88
Overtime	Keanan Spellicy	36	x	\$ 39.84	=	\$ 1,434.24
Office Engineer	Cameron Carruthers	80	x	\$ 28.00	=	\$ 2,240.00
Project Analyst	Kim Pingle	3	x	\$ 34.16	=	\$ 102.48
Project Analyst	Kevin Wetzel	10	x	\$ 25.76	=	\$ 257.60
Total Hours:		<b>635</b>				<b>Total Labor \$ 21,271.44</b>
<b>PRIME OVERHEAD: (Total Labor x Overhead Rate)</b>						
Overhead Rate:		<b>147.73%</b>				<b>Total Overhead \$ 31,424.30</b>
<b>PRIME FACILITIES CAPITAL COST OF MONEY (F.C.C.M.): (Total Labor x F.C.C.M. Rate)</b>						
F.C.C.M. Rate:		<b>0.11%</b>				<b>Total F.C.C.M. \$ 23.40</b>
<b>PRIME OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Project Lease Vehicles (rate includes fuel)	1	@	\$ 975.00	per month	=	\$ 975.00
Project Rental Vehicles (rate includes fuel)	1	@	\$ 1,000.00	per month	=	\$ 1,000.00
Overhead Lease Vehicles Mileage	700	@	\$ 0.565	per mile	=	\$ 395.50
Personal Vehicles Mileage	80	@	\$ 0.565	per mile	=	\$ 45.20
Reproduction	270	@	\$ 0.20	per sheet	=	\$ 54.00
Mailing / Shipping	1	@	\$ 20.00	per package	=	\$ 20.00
Total Other Direct Expenses						<b>\$ 2,489.70</b>
<b>PRIME FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
Fixed Fee Rate:		<b>11%</b>				<b>Total Fixed Fee \$ 5,796.53</b>
<b>SUMMARY OF ALL SUBCONSULTANT COSTS: List each subconsultant separately</b>						
		<i>Fixed Fee</i>		<i>Costs (w/o fixed fee)</i>		
BBF Engineering Services, P.C.	\$	-	\$	-	\$	-
Great Lakes Geomatics, LLC	\$	207.10	\$	1,900.25	\$	2,107.35
SOMAT Engineering, Inc.	\$	2,067.91	\$	18,847.23	\$	20,915.14
Total Subconsultant					<b>\$</b>	<b>23,022.49</b>
<b>PRIME TOTAL COSTS SUMMARY</b>						<b>\$ 84,027.86</b>

## EXHIBIT C

### SUMMARY OF PRIME CONSULTANT'S COSTS FOR MDOT PROJECT JN 116119A

DERIVATION OF PRIME CONSULTANT COSTS, AS AMENDED						
Sheet B-1 COMPENSATION / FEE SCHEDULE (Amendment #1)						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-005						
Compensation Page 6 of 10						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82457 - JN 116119A (ADA)</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Prime Firm</b>	
PRIME CONSULTANT NAME: <b>HNTB Michigan, Inc.</b>		DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>321 (56 Amended) ADA Ramp Replacements (See Exhibit A - Project Descriptions)</b>			
<b>PRIME DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager	Victor Judnic	4	x	\$ 68.32	=	\$ 265.28
Senior Inspector	Jason Finkbeiner	17	x	\$ 37.76	=	\$ 641.92
Construction Inspector	Bryan Marshall	83	x	\$ 21.04	=	\$ 1,746.32
Overtime	Bryan Marshall	10	x	\$ 31.56	=	\$ 315.60
Construction Inspector	Lacey Hoefler	17	x	\$ 27.52	=	\$ 467.84
Project Analyst	Kim Pingle	1	x	\$ 35.20	=	\$ 35.20
Project Analyst	Kevin Wetzel	2	x	\$ 28.80	=	\$ 57.60
Total Hours:		<u>134</u>				Total Labor \$ <u>3,529.76</u>
<b>PRIME OVERHEAD: (Total Labor x Overhead Rate)</b>						
Overhead Rate:		<u>139.43%</u>				Total Overhead \$ <u>4,921.54</u>
<b>PRIME FACILITIES CAPITAL COST OF MONEY (F.C.C.M.): (Total Labor x F.C.C.M. Rate)</b>						
F.C.C.M. Rate:		<u>0.07%</u>				Total F.C.C.M. \$ <u>2.47</u>
<b>PRIME FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
Fixed Fee Rate:		<u>11%</u>				Total Fixed Fee \$ <u>929.64</u>
<b>SUMMARY OF ALL SUBCONSULTANT COSTS: List each subconsultant separately</b>						
SOMAT Engineering, Inc.	Fixed Fee	\$ 1,000.01		Costs (w/o fixed fee)		\$ 9,091.04
						\$ 10,091.05
Total Subconsultant						\$ <u>10,091.05</u>
<b>PRIME TOTAL COSTS SUMMARY</b>						<b>\$ <u>19,474.46</u></b>

## EXHIBIT C

### SUMMARY OF PRIME CONSULTANT'S COSTS FOR MDOT PROJECT JN TBD SAFETY-ATTENUATORS

DERIVATION OF PRIME CONSULTANT COSTS						
Sheet B-6 COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-006						
Compensation Page 9 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION #:		FIRM ROLE:	
CS 82457 - JN ATTEN			CPO 2876243 SPO 2876244		Prime Firm	
PRIME CONSULTANT NAME:		DBE Goal:	PROJECT DESCRIPTION:			
HNTB Michigan, Inc.		10%	Safety Project - 9 locations within Detroit City Limits (See Exhibit A - Project Descriptions)			
<b>PRIME DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager	Victor Judnic	35	x	\$ 63.12	=	\$ 2,209.20
Assistant Project Engineer	Roger Jacob	84	x	\$ 42.08	=	\$ 3,534.72
Quality Control (QA / QC)	Victor Frendo	8	x	\$ 66.40	=	\$ 531.20
Senior Inspector	Jonathan Bailey	85	x	\$ 34.80	=	\$ 2,958.00
Construction Inspector	Keanan Spellicy	190	x	\$ 26.56	=	\$ 5,046.40
Office Engineer	Cameron Carruthers	90	x	\$ 28.00	=	\$ 2,520.00
Project Analyst	Kim Pingle	2	x	\$ 34.16	=	\$ 68.32
Project Analyst	Kevin Wetzel	7	x	\$ 25.76	=	\$ 180.32
Total Hours:		501			Total Labor	\$ 17,048.16
<b>PRIME OVERHEAD:</b> (Total Labor x Overhead Rate)						
Overhead Rate:		147.73%			Total Overhead	\$ 25,185.25
<b>PRIME FACILITIES CAPITAL COST OF MONEY (F.C.C.M.):</b> (Total Labor x F.C.C.M. Rate)						
F.C.C.M. Rate:		0.11%			Total F.C.C.M.	\$ 18.75
<b>PRIME OTHER DIRECT EXPENSES:</b> (List each item once at Actual Cost - NO MARKUP)						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Project Lease Vehicles (rate includes fuel)	1	@	\$ 975.00	per month	=	\$ 975.00
Overhead Lease Vehicles Mileage	990	@	\$ 0.565	per mile	=	\$ 559.35
Personal Vehicles Mileage	115	@	\$ 0.565	per mile	=	\$ 64.98
Reproduction	280	@	\$ 0.20	per sheet	=	\$ 56.00
Mailing / Shipping	1	@	\$ 20.00	per package	=	\$ 20.00
Total Other Direct Expenses						\$ 1,675.33
<b>PRIME FIXED FEE FOR PROFIT:</b> ((Total Labor + Total Overhead) x 11%)						
Fixed Fee Rate:		11%			Total Fixed Fee	\$ 4,645.68
<b>SUMMARY OF ALL SUBCONSULTANT COSTS:</b> List each subconsultant separately						
	<i>Fixed Fee</i>		<i>Costs (w/o fixed fee)</i>			
BBF Engineering Services, P.C.	\$ -		\$ -		\$ -	
Great Lakes Geomatics, LLC	\$ 130.42		\$ 1,216.11		\$ 1,346.53	
SOMAT Engineering, Inc.	\$ 601.99		\$ 5,478.25		\$ 6,080.24	
Total Subconsultant						\$ 7,426.77
<b>PRIME TOTAL COSTS SUMMARY</b>						<b>\$ 55,999.94</b>

# EXHIBIT C

## SUMMARY OF PRIME CONSULTANT'S COSTS FOR MDOT PROJECT JN 113663A

(Includes 113664A, 113666A, 113667A, 113672A, 113676A, & 113644A)

DERIVATION OF PRIME CONSULTANT COSTS			
Sheet B-7 COMPENSATION / FEE SCHEDULE			
Full Construction Engineering / Inspection			
City of Detroit DPW / CED - HNTB: 58872-CN-007			
Compensation Page 10 of 31			
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82609 - JN 113663A</b>		CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>	FIRM ROLE: <b>Prime Firm</b>
PRIME CONSULTANT NAME: <b>HNTB Michigan, Inc.</b>	DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>Signal / Pavement Markings</b>	
<b>PRIME DIRECT LABOR:</b>			
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>RATE/HR</i>
Project Manager	Victor Judnic	115	\$ 63.12
Assistant Project Engineer	Bryan Edwards	325	\$ 48.72
Quality Control (QA / QC)	Victor Frendo	52	\$ 66.40
Construction Inspector	Charles Esmacher	332	\$ 34.80
Construction Inspector	Neil Caviness	1370	\$ 21.52
Overtime	Neil Caviness	140	\$ 21.52
Office Technician	Robin Kelly	268	\$ 24.88
Project Analyst	Kim Pingle	16	\$ 34.16
Project Analyst	Kevin Wetzal	51	\$ 25.76
Total Hours:		<b>2669</b>	<b>Total Labor \$ 79,122.56</b>
<b>PRIME OVERHEAD: (Total Labor x Overhead Rate)</b>			
Overhead Rate:		<b>147.73%</b>	<b>Total Overhead \$ 116,887.76</b>
<b>PRIME FACILITIES CAPITAL COST OF MONEY (F.C.C.M.): (Total Labor x F.C.C.M. Rate)</b>			
F.C.C.M. Rate:		<b>0.11%</b>	<b>Total F.C.C.M. \$ 87.03</b>
<b>PRIME OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>			
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>
Project Lease Vehicles (rate includes fuel)	4	@	\$ 975.00 per month
Project Rental Vehicles (rate includes fuel)	3	@	\$ 1,000.00 per month
Overhead Lease Vehicles Mileage	1,100	@	\$ 0.565 per mile
Personal Vehicles Mileage	275	@	\$ 0.565 per mile
Reproduction	500	@	\$ 0.20 per sheet
Mailing / Shipping	2	@	\$ 20.00 per package
Total Other Direct Expenses			<b>\$ 7,816.88</b>
<b>PRIME FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>			
Fixed Fee Rate:		<b>11%</b>	<b>Total Fixed Fee \$ 21,561.14</b>
<b>SUMMARY OF ALL SUBCONSULTANT COSTS: List each subconsultant separately</b>			
	<i>Fixed Fee</i>	<i>Costs (w/o fixed fee)</i>	
BBF Engineering Services, P.C.	\$ -	\$ -	\$ -
Great Lakes Geomatics, LLC	\$ 821.10	\$ 7,502.92	\$ 8,324.02
SOMAT Engineering, Inc.	\$ 2,942.94	\$ 26,818.41	\$ 29,761.35
Total Subconsultant			<b>\$ 38,085.37</b>
<b>PRIME TOTAL COSTS SUMMARY</b>			<b>\$ 263,560.74</b>

## EXHIBIT C

### SUMMARY OF PRIME CONSULTANT'S COSTS FOR MDOT PROJECT JN 113663A

(Includes 113664A, 113666A, 113667A, 113672A, 113676A, & 113644A)

DERIVATION OF PRIME CONSULTANT COSTS, AS AMENDED						
Sheet B-2 COMPENSATION / FEE SCHEDULE (Amendment #1)						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-007						
Compensation Page 7 of 10						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82609 - JN 113663A</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Prime Firm</b>	
PRIME CONSULTANT NAME: <b>HNTB Michigan, Inc.</b>		DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>Signal / Pavement Markings</b>			
<b>PRIME DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Construction Inspector	Neil Caviness	234	x	\$ 24.48	=	\$ 5,728.32
Overtime	Neil Caviness	40	x	\$ 24.48	=	\$ 979.20
		Total Hours: <u>274</u>				Total Labor \$ <u>6,707.52</u>
<b>PRIME OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate: <u>139.43%</u>				Total Overhead \$ <u>9,352.30</u>
<b>PRIME FACILITIES CAPITAL COST OF MONEY (F.C.C.M.): (Total Labor x F.C.C.M. Rate)</b>						
		F.C.C.M. Rate: <u>0.07%</u>				Total F.C.C.M. \$ <u>4.70</u>
<b>PRIME OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Overhead Lease Vehicles Mileage	16	@	\$ 0.555	per mile	=	\$ 8.88
Reproduction	18	@	\$ 0.20	per sheet	=	\$ 3.60
						Total Other Direct Expenses \$ <u>12.48</u>
<b>PRIME FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate: <u>11%</u>				Total Fixed Fee \$ <u>1,766.58</u>
<b>SUMMARY OF ALL SUBCONSULTANT COSTS: List each subconsultant separately</b>						
		Fixed Fee		Costs (w/o fixed fee)		
BBF Engineering Services, P.C.	\$	-	\$	-	\$	-
Great Lakes Geomatics, LLC	\$	-	\$	-	\$	-
SOMAT Engineering, Inc.	\$	900.05	\$	8,679.02	\$	9,579.07
				Total Subconsultant	\$	<u>9,579.07</u>
<b>PRIME TOTAL COSTS SUMMARY</b>						<b>\$ <u>27,422.65</u></b>

## EXHIBIT D

### SUMMARY OF TOTAL SUBCONSULTANT COSTS BBF ENGINEERING SERVICES

SUMMARY OF TOTAL PROJECT COSTS, AS AMENDED						
Sheet C (BBF) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-001 thru CN-007						
Compensation Page 11 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82400, 82457, 82609 - JN 116141A 116319A 116321A 116322A ADA Ramps Safety Project 113663A</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Sub Tier 1</b>	
SUBCONSULTANT NAME: <b>BBF Engineering Services, P.C.</b>		DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>CEI Services for Seven (7) MDOT Projects for the City of Detroit - Department of Public Works - City Engineering Division</b>			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Sr. Construction Tech.	LaKeisha Hamilton	730	x	\$ 31.00	=	\$ 22,630.00
Overtime	LaKeisha Hamilton	69	x	\$ 46.50	=	\$ 3,208.50
Clerical		20	x	\$ 25.00	=	\$ 500.00
		<u>819</u>				<u>\$ 26,338.50</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate: <u>135.96%</u>			Total Overhead	<u>\$ 35,809.83</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Vehicle Mileage	1,562	@	\$ 0.565	per mile	=	\$ 882.53
					Total Other Direct Expenses	<u>\$ 882.53</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate: <u>11%</u>			Total Fixed Fee	<u>\$ 6,836.32</u>
<b>SUB TOTAL COSTS SUMMARY</b>						<u>\$ 69,867.18</u>

**EXHIBIT D**  
**SUMMARY OF TOTAL SUBCONSULTANT COSTS**  
**FOR MDOT JN 116141A**  
**BBF ENGINEERING SERVICES**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-1 (BBF) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-001						
Compensation Page 12 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION #:		FIRM ROLE:	
CS 82457 - JN 116141A			CPO 2876243 SPO 2876244		Sub Tier 1	
SUBCONSULTANT NAME:		DBE Goal:	PROJECT DESCRIPTION:			
BBF Engineering Services, P.C.		10%	5.5 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Sr. Construction Tech.	LaKeisha Hamilton	244	x	\$ 31.00	=	\$ 7,564.00
Overtime	LaKeisha Hamilton	24	x	\$ 46.50	=	\$ 1,116.00
Clerical		8	x	\$ 25.00	=	\$ 200.00
		276				\$ 8,880.00
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate:	135.96%		Total Overhead	\$ 12,073.25
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Mileage	764	@	\$ 0.565	per mile	=	\$ 431.66
						Total Other Direct Expenses \$ 431.66
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate:	11%		Total Fixed Fee	\$ 2,304.86
						SUB TOTAL COSTS SUMMARY \$ 23,689.77

**EXHIBIT D**  
**SUMMARY OF TOTAL SUBCONSULTANT COSTS**  
**FOR MDOT JN 116319A**  
**BBF ENGINEERING SERVICES**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-2 (BBF) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-002						
Compensation Page 13 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION #:		FIRM ROLE:	
CS 82457 - JN 116319A			CPO 2876243 SPO 2876244		Sub Tier 1	
SUBCONSULTANT NAME:		DBE Goal:	PROJECT DESCRIPTION:			
BBF Engineering Services, P.C.		10%	3.19 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Sr. Construction Tech.	LaKeisha Hamilton	138	x	\$ 31.00	=	\$ 4,278.00
Overtime	LaKeisha Hamilton	12	x	\$ 46.50	=	\$ 558.00
Clerical			x	\$ 25.00	=	\$ -
		<u>150</u>				<u>\$ 4,836.00</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate:	<u>135.96%</u>	Total Overhead		<u>\$ 6,575.03</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<u>Items</u>	<u>Quantity</u>	<u>@</u>	<u>Unit Price</u>	<u>Unit</u>	<u>=</u>	<u>Item Price</u>
Mileage	126	@	\$ 0.565	per mile	=	\$ 71.19
						<u>Total Other Direct Expenses \$ 71.19</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate:	<u>11%</u>	Total Fixed Fee		<u>\$ 1,255.21</u>
						<b>SUB TOTAL COSTS SUMMARY \$ <u>12,737.43</u></b>

**EXHIBIT D**  
**SUMMARY OF TOTAL SUBCONSULTANT COSTS**  
**FOR MDOT JN 116321A**  
**BBF ENGINEERING SERVICES**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-3 (BBF) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW/ CED - HNTB: 58872-CN-003						
Compensation Page 14 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):  <b>CS 82457 - JN 116321A</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243</b> <b>SPO 2876244</b>		FIRM ROLE:  <b>Sub Tier 1</b>	
SUBCONSULTANT NAME:  <b>BBF Engineering Services, P.C.</b>		DBE Goal:  <b>10%</b>	PROJECT DESCRIPTION:  <b>3.99 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)</b>			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Sr. Construction Tech.	LaKeisha Hamilton	231	x	\$ 31.00	=	\$ 7,161.00
Overtime	LaKeisha Hamilton	22	x	\$ 46.50	=	\$ 1,023.00
Clerical		8	x	\$ 25.00	=	\$ 200.00
		<u>261</u>				<u>\$ 8,384.00</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate: <u>135.96%</u>			Total Overhead <u>\$ 11,398.89</u>	
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Mileage	572	@	\$ 0.565	per mile	=	\$ 323.18
						<b>Total Other Direct Expenses <u>\$ 323.18</u></b>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate: <u>11%</u>			Total Fixed Fee <u>\$ 2,176.12</u>	
						<b>SUB TOTAL COSTS SUMMARY <u>\$ 22,282.19</u></b>

**EXHIBIT D**  
**SUMMARY OF TOTAL SUBCONSULTANT COSTS**  
**FOR MDOT JN 116322A**  
**BBF ENGINEERING SERVICES**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-4 (BBF) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW/ CED - HNTB: 58872-CN-004						
Compensation Page 15 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION #:		FIRM ROLE:	
CS 82457 - JN 116322A			CPO 2876243 SPO 2876244		Sub Tier 1	
SUBCONSULTANT NAME:		DBE Goal:	PROJECT DESCRIPTION:			
BBF Engineering Services, P.C.		10%	3.75 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Sr. Construction Tech.	LaKeisha Hamilton	117	x	\$ 31.00	=	\$ 3,627.00
Overtime	LaKeisha Hamilton	11	x	\$ 46.50	=	\$ 511.50
Clerical		4	x	\$ 25.00	=	\$ 100.00
		<u>132</u>				<u>\$ 4,238.50</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate:	<u>135.96%</u>		Total Overhead	<u>\$ 5,762.66</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Mileage	100	@	\$ 0.565	per mile	=	\$ 56.50
						<b>Total Other Direct Expenses</b> <u>\$ 56.50</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate:	<u>11%</u>		Total Fixed Fee	<u>\$ 1,100.13</u>
					<b>SUB TOTAL COSTS SUMMARY</b>	<u>\$ 11,157.79</u>

## EXHIBIT D

### SUMMARY OF TOTAL SUBCONSULTANT COSTS GREAT LAKES GEOMATICS, LLC

SUMMARY OF TOTAL PROJECT COSTS, AS AMENDED						
Sheet C (GLG) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-001 thru CN-007						
Compensation Page 16 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82400, 82457, 82609 - JN 116141A 116319A 116321A 116322A ADA Ramps Safety Project 113663A</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Sub Tier 1</b>	
SUBCONSULTANT NAME: <b>Great Lakes Geomatics, LLC</b>		DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>CEI Services for Seven (7) MDOT Projects for the City of Detroit - Department of Public Works - City Engineering Division</b>			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Department Manager	Marty Dunn	8	x	\$ 45.00	=	\$ 360.00
Project Manager	Steve Jacobi	23	x	\$ 38.00	=	\$ 874.00
QA/QC	Steve Dunn	15	x	\$ 32.20	=	\$ 466.90
Crew Chief	T.Rodino, J.Darringer, N.Dunn	220	x	\$ 27.00	=	\$ 5,940.00
Survey Technician	R.Dimeo, D.Dunn, Q.Walson	382	x	\$ 18.00	=	\$ 6,876.00
Draftsman	B.Steinmetz, G.Burnett	46	x	\$ 22.50	=	\$ 1,035.00
		<u>694</u>				<u>\$ 15,551.90</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate: <u>176.75%</u>			Total Overhead	<u>\$ 27,487.98</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Vehicle Mileage	547	@	\$ 0.565	per mile	=	\$ 309.08
					Total Other Direct Expenses	<u>\$ 309.07</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate: <u>11%</u>			Total Fixed Fee	<u>\$ 4,734.40</u>
					<b>SUB TOTAL COSTS SUMMARY</b>	<u><u>\$ 48,083.35</u></u>

**EXHIBIT D**  
**SUMMARY OF SUBCONSULTANT COSTS**  
**FOR MDOT PROJECT 116141A**  
**GREAT LAKES GEOMATICS, LLC**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-1 (GLG) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-001						
Compensation Page 17 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):  <b>CS 82457 - JN 116141A</b>			CONTRACT / AUTHORIZATION #:  <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE:  <b>Sub Tier 1</b>	
SUBCONSULTANT NAME:  <b>Great Lakes Geomatics, LLC</b>		DBE Goal:  <b>10%</b>	PROJECT DESCRIPTION:  <b>5.5 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)</b>			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Department Manager	Marty Dunn	1	x	\$ 45.00	=	\$ 45.00
Project Manager	Steve Jacobi	4	x	\$ 38.00	=	\$ 152.00
QA/QC	Steve Dunn	3	x	\$ 32.20	=	\$ 96.60
Crew Chief	T.Rodino, J.Darringer, N.Dunn	55	x	\$ 27.00	=	\$ 1,485.00
Survey Technician	R.Dimeo, D.Dunn, Q.Walson	110	x	\$ 18.00	=	\$ 1,980.00
Draftsman	B.Steinmetz, G.Burnett	10	x	\$ 22.50	=	\$ 225.00
		<u>183</u>				<u>\$ 3,983.60</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
			Overhead Rate: <u>176.75%</u>		Total Overhead \$ <u>7,041.01</u>	
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<u>Items</u>	<u>Quantity</u>	<u>@</u>	<u>Unit Price</u>	<u>Unit</u>	<u>=</u>	<u>Item Price</u>
Mileage	123	@	\$ 0.565	per mile	=	\$ 69.50
						<b>Total Other Direct Expenses \$ <u>69.50</u></b>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
			Fixed Fee Rate: <u>11%</u>		Total Fixed Fee \$ <u>1,212.71</u>	
						<b>SUB TOTAL COSTS SUMMARY \$ <u>12,306.82</u></b>

## EXHIBIT D

### SUMMARY OF SUBCONSULTANT COSTS FOR MDOT PROJECT NO. 116319A GREAT LAKES GEOMATICS, LLC

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-2 (GLG) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-002						
Compensation Page 18 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION #:		FIRM ROLE:	
CS 82457 - JN 116319A			CPO 2876243 SPO 2876244		Sub Tier 1	
SUBCONSULTANT NAME:		DBE Goal:	PROJECT DESCRIPTION:			
Great Lakes Geomatics, LLC		10%	3.19 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Department Manager	Marty Dunn	1	x	\$ 45.00	=	\$ 45.00
Project Manager	Steve Jacobi	4	x	\$ 38.00	=	\$ 152.00
QA/QC	Steve Dunn	2	x	\$ 32.20	=	\$ 64.40
Crew Chief	T.Rodino, J.Darringer, N.Dunn	27	x	\$ 27.00	=	\$ 729.00
Survey Technician	R.Dimeo, D.Dunn, Q.Walson	54	x	\$ 18.00	=	\$ 972.00
Draftsman	B.Steinmetz, G.Burnett	8	x	\$ 22.50	=	\$ 180.00
		<u>96</u>				<u>\$ 2,142.40</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate:	<u>176.75%</u>	Total Overhead		<u>\$ 3,786.69</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Mileage	36	@	\$ 0.565	per mile	=	\$ 20.34
					Total Other Direct Expenses	<u>\$ 20.34</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate:	<u>11%</u>	Total Fixed Fee		<u>\$ 652.20</u>
<b>SUB TOTAL COSTS SUMMARY</b>						<u>\$ 6,601.63</u>

**EXHIBIT D**  
**SUMMARY OF SUBCONSULTANT COSTS**  
**FOR MDOT PROJECT NO. 116321A**  
**GREAT LAKES GEOMATICS, LLC**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-3 (GLG) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-003						
Compensation Page 19 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):  CS 82457 - JN 116321A			CONTRACT / AUTHORIZATION #: CPO 2876243 SPO 2876244		FIRM ROLE:  Sub Tier 1	
SUBCONSULTANT NAME:  Great Lakes Geomatics, LLC		DBE Goal:  10%	PROJECT DESCRIPTION:  3.99 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Department Manager	Marty Dunn	1	x	\$ 45.00	=	\$ 45.00
Project Manager	Steve Jacobi	4	x	\$ 38.00	=	\$ 152.00
QA/QC	Steve Dunn	3	x	\$ 32.20	=	\$ 96.60
Crew Chief	T.Rodino, J.Darringer, N.Dunn	52	x	\$ 27.00	=	\$ 1,404.00
Survey Technician	R.Dimeo, D.Dunn, Q.Walson	104	x	\$ 18.00	=	\$ 1,872.00
Draftsman	B.Steinmetz, G.Burnett	8	x	\$ 22.50	=	\$ 180.00
		<u>172</u>				<u>\$ 3,749.60</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
				Overhead Rate: <u>176.75%</u>		Total Overhead \$ <u>6,627.42</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Mileage	142	@	\$ 0.565	per mile	=	\$ 80.23
						Total Other Direct Expenses \$ <u>80.23</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
				Fixed Fee Rate: <u>11%</u>		Total Fixed Fee \$ <u>1,141.47</u>
						<b>SUB TOTAL COSTS SUMMARY \$ <u>11,598.72</u></b>

**EXHIBIT D**  
**SUMMARY OF SUBCONSULTANT COSTS**  
**FOR MDOT PROJECT NO. 116322A**  
**GREAT LAKES GEOMATICS, LLC**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-4 (GLG) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-004						
Compensation Page 20 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):  <b>CS 82457 - JN 116322A</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243</b> <b>SPO 2876244</b>		FIRM ROLE:  <b>Sub Tier 1</b>	
SUBCONSULTANT NAME:  <b>Great Lakes Geomatics, LLC</b>		DBE Goal:  <b>10%</b>	PROJECT DESCRIPTION:  <b>3.75 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)</b>			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Department Manager	Marty Dunn	1	x	\$ 45.00	=	\$ 45.00
Project Manager	Steve Jacobi	3	x	\$ 38.00	=	\$ 114.00
QA/QC	Steve Dunn	2	x	\$ 32.20	=	\$ 64.40
Crew Chief	T.Rodino, J.Darringer, N.Dunn	24	x	\$ 27.00	=	\$ 648.00
Survey Technician	R.Dimeo, D.Dunn, Q.Walson	48	x	\$ 18.00	=	\$ 864.00
Draftsman	B.Steinmetz, G.Burnett	6	x	\$ 22.50	=	\$ 135.00
		<u>84</u>				<u>\$ 1,870.40</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate: <u>176.75%</u>			Total Overhead \$ <u>3,305.93</u>	
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<u>Items</u>	<u>Quantity</u>	<u>@</u>	<u>Unit Price</u>	<u>Unit</u>	<u>=</u>	<u>Item Price</u>
Mileage	93	@	\$ 0.565	per mile	=	\$ 52.55
					Total Other Direct Expenses \$ <u>52.55</u>	
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate: <u>11%</u>			Total Fixed Fee \$ <u>569.40</u>	
						<b>SUB TOTAL COSTS SUMMARY \$ <u>5,798.28</u></b>

## EXHIBIT B

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-5 (GLG) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-005						
Compensation Page 21 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION #:		FIRM ROLE:	
CS 82457 - JN ADA			CPO 2876243 SPO 2876244		Sub Tier 1	
SUBCONSULTANT NAME:		DBE Goal:	PROJECT DESCRIPTION:			
Great Lakes Geomatics, LLC		10%	265 ADA Ramp Replacements (See Exhibit A - Project Descriptions)			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Department Manager	Marty Dunn	1	x	\$ 45.00	=	\$ 45.00
Project Manager	Steve Jacobi	1	x	\$ 38.00	=	\$ 38.00
QA/QC	Steve Dunn	2	x	\$ 32.20	=	\$ 48.30
Crew Chief	T.Rodino, J.Darringer, N.Dunn	8	x	\$ 27.00	=	\$ 216.00
Survey Technician	R.Dimeo, D.Dunn, Q.Walson	16	x	\$ 18.00	=	\$ 288.00
Draftsman	B.Steinmetz, G.Burnett	2	x	\$ 22.50	=	\$ 45.00
		<u>30</u>				<u>\$ 680.30</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate:	<u>176.75%</u>	Total Overhead		<u>\$ 1,202.43</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Mileage	31	@	\$ 0.565	per mile	=	\$ 17.52
					Total Other Direct Expenses	<u>\$ 17.52</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate:	<u>11%</u>	Total Fixed Fee		<u>\$ 207.10</u>
					<b>SUB TOTAL COSTS SUMMARY</b>	<u><u>\$ 2,107.35</u></u>

## EXHIBIT D

### SUMMARY OF SUBCONSULTANT COSTS FOR MDOT PROJECT NO TBD SAFETY-ATTENUATORS GREAT LAKES GEOMATICS, LLC

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-6 (GLG) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-006						
Compensation Page 22 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):  <b>CS 82457 - JN ATTEN</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE:  <b>Sub Tier 1</b>	
SUBCONSULTANT NAME:  <b>Great Lakes Geomatics, LLC</b>		DBE Goal:  <b>10%</b>	PROJECT DESCRIPTION:  <b>Safety Project - 9 locations within Detroit City Limits (See Exhibit A - Project Descriptions)</b>			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Department Manager	Marty Dunn	2	x	\$ 45.00	=	\$ 90.00
Project Manager	Steve Jacobi	2	x	\$ 38.00	=	\$ 76.00
QA/QC	Steve Dunn	2	x	\$ 32.20	=	\$ 64.40
Crew Chief	T.Rodino, J.Darringer, N.Dunn	4	x	\$ 27.00	=	\$ 108.00
Draftsman	B.Steinmetz, G.Burnett	4	x	\$ 22.50	=	\$ 90.00
		<u>14</u>				<u>\$ 428.40</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
				Overhead Rate: <u>176.75%</u>		Total Overhead \$ <u>757.20</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Mileage	54	@	\$ 0.565	per mile	=	\$ 30.51
						Total Other Direct Expenses \$ <u>30.51</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
				Fixed Fee Rate: <u>11%</u>		Total Fixed Fee \$ <u>130.42</u>
<b>SUB TOTAL COSTS SUMMARY</b>						<b>\$ <u>1,346.53</u></b>

**EXHIBIT D**  
**SUMMARY OF SUBCONSULTANT COSTS**  
**FOR MDOT PROJECT 113663A**  
**GREAT LAKES GEOMATICS, LLC**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-7 (GLG) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-007						
Compensation Page 23 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION #:		FIRM ROLE:	
CS 82609 - JN 113663A			CPO 2876243 SPO 2876244		Sub Tier 1	
SUBCONSULTANT NAME:		DBE Goal:	PROJECT DESCRIPTION:			
Great Lakes Geomatics, LLC		10%	Signal / Pavement Markings			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Department Manager	Marty Dunn	1	x	\$ 45.00	=	\$ 45.00
Project Manager	Steve Jacobi	5	x	\$ 38.00	=	\$ 190.00
QA/QC	Steve Dunn	1	x	\$ 32.20	=	\$ 32.20
Crew Chief	T.Rodino, J.Darringer, N.Dunn	50	x	\$ 27.00	=	\$ 1,350.00
Survey Technician	R.Dimeo, D.Dunn, Q.Walson	50	x	\$ 18.00	=	\$ 900.00
Draftsman	B.Steinmetz, G.Burnett	8	x	\$ 22.50	=	\$ 180.00
Total Hours:		115				Total Labor \$ 2,697.20
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
Overhead Rate:		176.75%				Total Overhead \$ 4,767.30
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Mileage	68	@	\$ 0.565	per mile	=	\$ 38.42
Total Other Direct Expenses						\$ 38.42
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
Fixed Fee Rate:		11%				Total Fixed Fee \$ 821.10
<b>SUB TOTAL COSTS SUMMARY</b>						<b>\$ 8,324.02</b>

## EXHIBIT D

### SUMMARY OF TOTAL SUBCONSULTANT COSTS SOMAT ENGINEERING, INC.

SUMMARY OF TOTAL PROJECT COSTS, AS AMENDED						
Sheet C (SOMAT) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-001 thru CN-007						
Compensation Page 24 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82400, 82457, 82609 - JN 116141A 116319A 116321A 116322A ADA Ramps Safety Project 113663A</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Sub Tier 1</b>	
SUBCONSULTANT NAME: <b>SOMAT Engineering, Inc.</b>		DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>CEI Services for Seven (7) MDOT Projects for the City of Detroit - Department of Public Works - City Engineering Division</b>			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>						
	<i>HOURS</i>	<i>x</i>		<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager	137	x	\$	38.00	=	\$ 5,206.00
Senior HMA Lab Technician	806	x	\$	22.50	=	\$ 18,135.00
Field Technician	2413	x	\$	18.00	=	\$ 43,434.00
Office Technician	46	x	\$	23.50	=	\$ 1,081.00
Clerical	104	x	\$	13.50	=	\$ 1,404.00
	<b>3506</b>					<b>\$ 69,260.00</b>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
			Overhead Rate:	<b>180.00%</b>		Total Overhead <b>\$ 124,668.00</b>
<b>OTHER DIRECT LABOR:</b>						
	<i>HOURS</i>	<i>x</i>		<i>RATE/HR</i>	<i>=</i>	
Sr. HMA Lab Technician						
Premium OT	<b>169</b>	x	\$	11.25	=	\$ 1,901.25
Field Technician						
Premium OT	<b>173</b>	x	\$	9.00	=	\$ 1,557.00
	Total Other Direct Labor Hours:			<b>342</b>		Total Other Direct Labor <b>\$ 3,458.25</b>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Nuclear Densometer Rental	89	@	\$ 68.00	per day	=	\$ 6,052.00
Laboratory Rental (Equipment & Supplies)	92	@	\$ 150.00	per day	=	\$ 13,800.00
Mileage	1,601	@	\$ 0.565	per mile	=	\$ 904.58
						<b>Total Other Direct Expenses \$ 20,756.58</b>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
			Fixed Fee Rate:	<b>11%</b>		Total Fixed Fee <b>\$ 21,332.08</b>
<b>SUB TOTAL COSTS SUMMARY</b>						<b>\$ 239,474.91</b>

## EXHIBIT D

### SUMMARY OF TOTAL SUBCONSULTANT COSTS SOMAT ENGINEERING, INC.

SUMMARY OF TOTAL PROJECT COSTS, AS AMENDED						
Sheet C (SOMAT) COMPENSATION / FEE SCHEDULE (Amendment #1)						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-001 thru CN-007						
Compensation Page 8 of 10						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): CS 82400, 82457, 82609 - JN 116141A, 116319A, 116321A, 116322A, 116119A (ADA Ramps), Safety Project, 113663A			CONTRACT / AUTHORIZATION #: CPO 2876243 SPO 2876244		FIRM ROLE: Sub Tier 1	
SUBCONSULTANT NAME:  SOMAT Engineering, Inc.		DBE Goal:  10%	PROJECT DESCRIPTION:  CEI Services for Seven (7) MDOT Projects for the City of Detroit - Department of Public Works - City Engineering Division			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>						
		<i>HOURS</i>	x	<i>RATE/HR</i>	=	<i>LABOR COST</i>
Project Manager	Steve Drummond	3	x	\$ 39.00	=	\$ 117.00
Office Technician 1	Phil Ledent	7	x	\$ 23.40	=	\$ 163.80
Office Technician 2	Matt Richardson	2	x	\$ 23.00	=	\$ 46.00
Office Technician 3	Celestina Elliott	13	x	\$ 19.00	=	\$ 247.00
Laboratory Technician 1	Brian Gondek	1	x	\$ 23.00	=	\$ 23.00
Field Technician 1	Lenoris Elliott	4	x	\$ 23.50	=	\$ 94.00
Field Technician 2	Amy Huffman	5	x	\$ 19.80	=	\$ 99.00
Field Technician 3	Mohammed Wajed	167	x	\$ 18.50	=	\$ 3,089.50
Field Technician 4	Matt Allor	41	x	\$ 15.50	=	\$ 635.50
Field Technician 5	Paul Johnson	7.5	x	\$ 15.00	=	\$ 112.50
Field Technician 6	Jeremy Von Fintel	5	x	\$ 15.00	=	\$ 75.00
Field Technician 7	Richard Morris	52.5	x	\$ 14.50	=	\$ 761.25
Field Technician 8	Steve Szalkie	6.5	x	\$ 14.00	=	\$ 91.00
Field Technician 9	Michael Finley	23.5	x	\$ 13.50	=	\$ 317.25
Field Technician 10	Nathan Carr	0.5	x	\$ 12.50	=	\$ 6.25
Field Technician 11	Erick Lehman	1.5	x	\$ 11.00	=	\$ 16.50
Field Technician 12	Bryan Thompson	3	x	\$ 11.00	=	\$ 33.00
Clerical 1	Tiffany Fry	1.5	x	\$ 17.00	=	\$ 25.50
Clerical 2	Jodi Mills	13.5	x	\$ 16.00	=	\$ 216.00
		<u>358</u>				<u>\$ 6,169.05</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate: <u>180.00%</u>			Total Overhead \$ <u>11,104.29</u>	
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<u>Items</u>	<u>Quantity</u>	<u>@</u>	<u>Unit Price</u>	<u>Unit</u>	<u>=</u>	<u>Item Price</u>
Mileage	887	@	\$ 0.56	per mile	=	\$ 496.72
						Total Other Direct Expenses \$ <u>496.72</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate: <u>11%</u>			Total Fixed Fee \$ <u>1,900.06</u>	
						<b>SUB TOTAL COSTS SUMMARY \$ <u>19,670.12</u></b>

**EXHIBIT D**  
**SUMMARY OF SUBCONSULTANT COSTS**  
**FOR MDOT PROJECT 116141A**  
**SOMAT ENGINEERING, INC.**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-1 (SOMAT) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-001						
Compensation Page 25 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82457 - JN 116141A</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Sub Tier 1</b>	
SUBCONSULTANT NAME: <b>SOMAT Engineering, Inc.</b>		DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>5.5 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)</b>			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager		30	x	\$ 38.00	=	\$ 1,140.00
Senior HMA Lab Technician		224	x	\$ 22.50	=	\$ 5,040.00
Field Technician		439	x	\$ 18.00	=	\$ 7,902.00
Office Technician		8	x	\$ 23.50	=	\$ 188.00
Clerical		23	x	\$ 13.50	=	\$ 310.50
		<u>724</u>				<u>\$ 14,580.50</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
				Overhead Rate: <u>180.00%</u>		Total Overhead \$ <u>26,244.90</u>
<b>OTHER DIRECT LABOR:</b>						
		<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	
Sr. HMA Lab Technician						
Premium OT		39	x	\$ 11.25	=	\$ 438.75
Field Technician						
Premium OT		44	x	\$ 9.00	=	\$ 396.00
		Total Other Direct Labor Hours: <u>83</u>				Total Other Direct Labor \$ <u>834.75</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Nuclear Densometer Rental	20	@	\$ 68.00	per day	=	\$ 1,360.00
Laboratory Rental (Equipment & Supplies)	20	@	\$ 150.00	per day	=	\$ 3,000.00
Mileage	64	@	\$ 0.565	per mile	=	\$ 36.16
						Total Other Direct Expenses \$ <u>4,396.16</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
				Fixed Fee Rate: <u>11%</u>		Total Fixed Fee \$ <u>4,490.79</u>
						<b>SUB TOTAL COSTS SUMMARY \$ <u>50,547.10</u></b>

## EXHIBIT D

### SUMMARY OF SUBCONSULTANT COSTS FOR MDOT PROJECT 116319A SOMAT ENGINEERING, INC.

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-2 (SOMAT) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-002						
Compensation Page 26 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82457 - JN 116319A</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Sub Tier 1</b>	
SUBCONSULTANT NAME: <b>SOMAT Engineering, Inc.</b>		DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>3.19 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)</b>			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager		21	x	\$ 38.00	=	\$ 798.00
Senior HMA Lab Technician		126	x	\$ 22.50	=	\$ 2,835.00
Field Technician		277	x	\$ 18.00	=	\$ 4,986.00
Office Technician		6	x	\$ 23.50	=	\$ 141.00
Clerical		20	x	\$ 13.50	=	\$ 270.00
		<b>450</b>				<b>\$ 9,030.00</b>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
	Overhead Rate:	<b>180.00%</b>			Total Overhead	<b>\$ 16,254.00</b>
<b>OTHER DIRECT LABOR:</b>						
		<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	
Sr. HMA Lab Technician	Premium OT	18	x	11.25	=	\$ 202.50
Field Technician	Premium OT	30	x	9.00	=	\$ 270.00
	Total Other Direct Labor Hours:	<b>48</b>			Total Other Direct Labor	<b>\$ 472.50</b>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Nuclear Densometer Rental	15	@	\$ 68.00	per day	=	\$ 1,020.00
Laboratory Rental (Equipment & Supplies)	15	@	\$ 150.00	per day	=	\$ 2,250.00
Mileage	915	@	\$ 0.565	per mile	=	\$ 516.98
					Total Other Direct Expenses	<b>\$ 3,786.98</b>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
	Fixed Fee Rate:	<b>11%</b>			Total Fixed Fee	<b>\$ 2,781.24</b>
<b>SUB TOTAL COSTS SUMMARY</b>						<b>\$ 32,324.72</b>

**EXHIBIT D**  
**SUMMARY OF SUBCONSULTANT COSTS**  
**FOR MDOT PROJECT 116321A**  
**SOMAT ENGINEERING, INC.**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-3 (SOMAT) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-003						
Compensation Page 27 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION #:		FIRM ROLE:	
CS 82457 - JN 116321A			CPO 2876243 SPO 2876244		Sub Tier 1	
SUBCONSULTANT NAME:		DBE Goal:	PROJECT DESCRIPTION:			
SOMAT Engineering, Inc.		10%	3.99 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager		48	x	\$ 38.00	=	\$ 1,824.00
Senior HMA Lab Technician		304	x	\$ 22.50	=	\$ 6,840.00
Field Technician		536	x	\$ 18.00	=	\$ 9,648.00
Office Technician		13	x	\$ 23.50	=	\$ 305.50
Clerical		25	x	\$ 13.50	=	\$ 337.50
		<u>926</u>				<u>\$ 18,955.00</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate:	<u>180.00%</u>		Total Overhead	<u>\$ 34,119.00</u>
<b>OTHER DIRECT LABOR:</b>						
		<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	
Sr. HMA Lab Technician						
Premium OT		76	x	\$ 11.25	=	\$ 855.00
Field Technician						
Premium OT		79	x	\$ 9.00	=	\$ 711.00
	Total Other Direct Labor Hours:	<u>155</u>			Total Other Direct Labor	<u>\$ 1,566.00</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Nuclear Densometer Rental	38	@	\$ 68.00	per day	=	\$ 2,584.00
Laboratory Rental (Equipment & Supplies)	38	@	\$ 150.00	per day	=	\$ 5,700.00
Mileage	369	@	\$ 0.565	per mile	=	\$ 208.49
					Total Other Direct Expenses	<u>\$ 8,492.49</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate:	<u>11%</u>		Total Fixed Fee	<u>\$ 5,838.14</u>
<b>SUB TOTAL COSTS SUMMARY</b>						<u>\$ 68,970.63</u>

**EXHIBIT D**  
**SUMMARY OF SUBCONSULTANT COSTS**  
**FOR MDOT PROJECT 116322A**  
**SOMAT ENGINEERING, INC.**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-4 (SOMAT) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-004						
Compensation Page 28 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S): <b>CS 82457 - JN 116322A</b>			CONTRACT / AUTHORIZATION #: <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE: <b>Sub Tier 1</b>	
SUBCONSULTANT NAME: <b>SOMAT Engineering, Inc.</b>		DBE Goal: <b>10%</b>	PROJECT DESCRIPTION: <b>3.75 Miles of HMA Milling, Resurfacing and Related Work (See Exhibit A - Project Descriptions)</b>			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager		16	x	\$ 38.00	=	\$ 608.00
Senior HMA Lab Technician		152	x	\$ 22.50	=	\$ 3,420.00
Field Technician		221	x	\$ 18.00	=	\$ 3,978.00
Office Technician		6	x	\$ 23.50	=	\$ 141.00
Clerical		24	x	\$ 13.50	=	\$ 324.00
		<u>419</u>				<u>\$ 8,471.00</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate:	<u>180.00%</u>		Total Overhead	\$ <u>15,247.80</u>
<b>OTHER DIRECT LABOR:</b>						
		<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	
Sr. HMA Lab Technician	Premium OT	36	x	\$ 11.25	=	\$ 405.00
Field Technician	Premium OT	20	x	\$ 9.00	=	\$ 180.00
	Total Other Direct Labor Hours:	<u>56</u>		Total Other Direct Labor		\$ <u>585.00</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Nuclear Densometer Rental	16	@	\$ 68.00	per day	=	\$ 1,088.00
Laboratory Rental (Equipment & Supplies)	19	@	\$ 150.00	per day	=	\$ 2,850.00
Mileage	44	@	\$ 0.565	per mile	=	\$ 24.86
				Total Other Direct Expenses		\$ <u>3,962.86</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate:	<u>11%</u>		Total Fixed Fee	\$ <u>2,609.07</u>
<b>SUB TOTAL COSTS SUMMARY</b>						<b>\$ <u>30,875.73</u></b>

**EXHIBIT D**  
**SUMMARY OF SUBCONSULTANT COSTS**  
**FOR MDOT PROJECT 116119A**  
**SOMAT ENGINEERING, INC.**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-5 (SOMAT) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-005						
Compensation Page 29 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION #:		FIRM ROLE:	
CS 82457 - JN ADA			CPO 2876243 SPO 2876244		Sub Tier 1	
SUBCONSULTANT NAME:		DBE Goal:	PROJECT DESCRIPTION:			
SOMAT Engineering, Inc.		10%	265 ADA Ramp Replacements (See Exhibit A - Project Descriptions)			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager		3	x	\$ 38.00	=	\$ 114.00
Field Technician		362	x	\$ 18.00	=	\$ 6,516.00
Office Technician		3	x	\$ 23.50	=	\$ 70.50
Clerical		1	x	\$ 13.50	=	\$ 13.50
		<u>369</u>				<u>\$ 6,714.00</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate:	<u>180.00%</u>		Total Overhead	<u>\$ 12,085.20</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Mileage	85	@	\$ 0.565	per mile	=	\$ 48.03
						<b>Total Other Direct Expenses</b> <u>\$ 48.03</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate:	<u>11%</u>		Total Fixed Fee	<u>\$ 2,067.91</u>
<b>SUB TOTAL COSTS SUMMARY</b>						<u>\$ 20,915.14</u>

**EXHIBIT D**  
**SUMMARY OF SUBCONSULTANT COSTS**  
**FOR MDOT PROJECT 116119A**  
**SOMAT ENGINEERING, INC.**

DERIVATION OF SUBCONSULTANT COSTS, AS AMENDED						
Sheet C-1 (SOMAT) COMPENSATION / FEE SCHEDULE (Amendment #1)						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-005						
Compensation Page 9 of 10						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):  CS 82457 - JN 116119A (ADA)			CONTRACT / AUTHORIZATION #: CPO 2876243 SPO 2876244		FIRM ROLE:  Sub Tier 1	
SUBCONSULTANT NAME:  SOMAT Engineering, Inc.		DBE Goal:  10%	PROJECT DESCRIPTION:  321 (56 Amended) ADA Ramp Replacements (See Exhibit A - Project Descriptions)			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager	Steve Drummond	3	x	\$ 39.00	=	\$ 117.00
Office Technician 1	Phil Ledent	7	x	\$ 23.40	=	\$ 163.80
Field Technician 3	Mohammed Wajed	156	x	\$ 18.50	=	\$ 2,886.00
Clerical 2	Jodi Mills	5	x	\$ 16.00	=	\$ 80.00
		<u>171</u>				<u>\$ 3,246.80</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate: <u>180.00%</u>		Total Overhead		<u>\$ 5,844.24</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate: <u>11%</u>		Total Fixed Fee		<u>\$ 1,000.01</u>
<b>SUB TOTAL COSTS SUMMARY</b>						<u>\$ 10,091.05</u>

**EXHIBIT D**  
**SUMMARY OF SUBCONSULTANT COSTS**  
**FOR MDOT PROJECT NO TBD SAFETY-ATTENUATORS**  
**SOMAT ENGINEERING, INC.**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-6 (SOMAT) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-006						
Compensation Page 30 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):			CONTRACT / AUTHORIZATION #:		FIRM ROLE:	
CS 82457 - JN ATTEN			CPO 2876243 SPO 2876244		Sub Tier 1	
SUBCONSULTANT NAME:		DBE Goal:	PROJECT DESCRIPTION:			
SOMAT Engineering, Inc.		10%	Safety Project - 9 locations within Detroit City Limits (See Exhibit A - Project Descriptions)			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager		2	x	\$ 38.00	=	\$ 76.00
Field Technician		101	x	\$ 18.00	=	\$ 1,818.00
Office Technician		2	x	\$ 23.50	=	\$ 47.00
Clerical		1	x	\$ 13.50	=	\$ 13.50
		<u>106</u>				<u>\$ 1,954.50</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate:	<u>180.00%</u>			Total Overhead \$ <u>3,518.10</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<u>Items</u>	<u>Quantity</u>	<u>@</u>	<u>Unit Price</u>	<u>Unit</u>	<u>=</u>	<u>Item Price</u>
Mileage	10	@	\$ 0.565	per mile	=	\$ 5.65
						Total Other Direct Expenses \$ <u>5.65</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate:	<u>11%</u>			Total Fixed Fee \$ <u>601.99</u>
						<b>SUB TOTAL COSTS SUMMARY \$ <u>6,080.24</u></b>

**EXHIBIT D**  
**SUMMARY OF SUBCONSULTANT COSTS**  
**FOR MDOT PROJECT NO 113663A**  
**SOMAT ENGINEERING, INC.**

DERIVATION OF SUBCONSULTANT COSTS						
Sheet C-7 (SOMAT) COMPENSATION / FEE SCHEDULE						
Full Construction Engineering / Inspection						
City of Detroit DPW/ CED - HNTB: 58872-CN-007						
Compensation Page 31 of 31						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):  <b>CS 82609 - JN 113663A</b>			CONTRACT / AUTHORIZATION #:  <b>CPO 2876243 SPO 2876244</b>		FIRM ROLE:  <b>Sub Tier 1</b>	
SUBCONSULTANT NAME:  <b>SOMAT Engineering, Inc.</b>		DBE Goal:  <b>10%</b>	PROJECT DESCRIPTION:  <b>Signal / Pavement Markings</b>			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Project Manager		17	x	\$ 38.00	=	\$ 646.00
Field Technician		477	x	\$ 18.00	=	\$ 8,586.00
Office Technician		8	x	\$ 23.50	=	\$ 188.00
Clerical		10	x	\$ 13.50	=	\$ 135.00
		Total Hours: <u>512</u>				Total Labor \$ <u>9,555.00</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
		Overhead Rate: <u>180.00%</u>				Total Overhead \$ <u>17,199.00</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<i>Items</i>	<i>Quantity</i>	<i>@</i>	<i>Unit Price</i>	<i>Unit</i>	<i>=</i>	<i>Item Price</i>
Mileage	114	@	\$ 0.565	per mile	=	\$ 64.41
						Total Other Direct Expenses \$ <u>64.41</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
		Fixed Fee Rate: <u>11%</u>				Total Fixed Fee \$ <u>2,942.94</u>
						<b>SUB TOTAL COSTS SUMMARY \$ <u>29,761.35</u></b>

## EXHIBIT D

### SUMMARY OF SUBCONSULTANT COSTS FOR MDOT PROJECT NO 113663A SOMAT ENGINEERING, INC.

DERIVATION OF SUBCONSULTANT COSTS, AS AMENDED						
Sheet C-2 (SOMAT) COMPENSATION / FEE SCHEDULE (Amendment #1)						
Full Construction Engineering / Inspection						
City of Detroit DPW / CED - HNTB: 58872-CN-007						
Compensation Page 10 of 10						
MDOT CONTROL SECTION(S) - JOB NUMBER(S):  CS 82609 - JN 113663A			CONTRACT / AUTHORIZATION #: CPO 2876243 SPO 2876244		FIRM ROLE:  Sub Tier 1	
SUBCONSULTANT NAME:  SOMAT Engineering, Inc.		DBE Goal:  10%	PROJECT DESCRIPTION:  Signal / Pavement Markings			
<b>DIRECT LABOR:</b>						
<i>CLASSIFICATION</i>	<i>NAME</i>	<i>HOURS</i>	<i>x</i>	<i>RATE/HR</i>	<i>=</i>	<i>LABOR COST</i>
Office Technician 2	Matt Richardson	2	x	\$ 23.00	=	\$ 46.00
Office Technician 3	Celestina Elliott	13	x	\$ 19.00	=	\$ 247.00
Laboratory Technician 1	Brian Gondek	1	x	\$ 23.00	=	\$ 23.00
Field Technician 1	Lenoris Elliott	4	x	\$ 23.50	=	\$ 94.00
Field Technician 2	Amy Huffman	5	x	\$ 19.80	=	\$ 99.00
Field Technician 3	Mohammed Wajed	11	x	\$ 18.50	=	\$ 203.50
Field Technician 4	Matt Allor	41	x	\$ 15.50	=	\$ 635.50
Field Technician 5	Paul Johnson	7.5	x	\$ 15.00	=	\$ 112.50
Field Technician 6	Jeremy Von Fintel	5	x	\$ 15.00	=	\$ 75.00
Field Technician 7	Richard Morris	52.5	x	\$ 14.50	=	\$ 761.25
Field Technician 8	Steve Szalkie	6.5	x	\$ 14.00	=	\$ 91.00
Field Technician 9	Michael Finley	23.5	x	\$ 13.50	=	\$ 317.25
Field Technician 10	Nathan Carr	0.5	x	\$ 12.50	=	\$ 6.25
Field Technician 11	Enick Lehman	1.5	x	\$ 11.00	=	\$ 16.50
Field Technician 12	Bryan Thompson	3	x	\$ 11.00	=	\$ 33.00
Clerical 1	Tiffany Fry	1.5	x	\$ 17.00	=	\$ 25.50
Clerical 2	Jodi Mills	8.5	x	\$ 16.00	=	\$ 136.00
Total Hours:		<u>187</u>				Total Labor \$ <u>2,922.25</u>
<b>SUB OVERHEAD: (Total Labor x Overhead Rate)</b>						
Overhead Rate:		<u>180.00%</u>				Total Overhead \$ <u>5,260.05</u>
<b>SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)</b>						
<u>Items</u>	<u>Quantity</u>	<u>@</u>	<u>Unit Price</u>	<u>Unit</u>	<u>=</u>	<u>Item Price</u>
Mileage	887	@	\$ 0.560	per mile	=	\$ 496.72
Total Other Direct Expenses						\$ <u>496.72</u>
<b>SUB FIXED FEE FOR PROFIT: ((Total Labor + Total Overhead) x 11%)</b>						
Fixed Fee Rate:		<u>11%</u>				Total Fixed Fee \$ <u>900.05</u>
<b>SUB TOTAL COSTS SUMMARY</b>						\$ <u>9,579.07</u>

# ATTACHMENT C

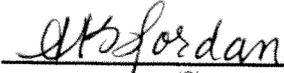
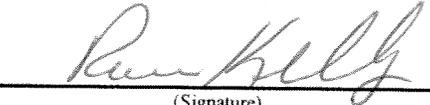
Michigan Department of Transportation 5108 (03/11)	<h2 style="margin: 0;">CERTIFICATION OF OVERHEAD COST RATE</h2>	Page 1 of 1
<p>This Certification is required per U.S. Department of Transportation, Federal Highway Administration (FHWA) Order 4470.1A, and dated October 27, 2010. FHWA has issued this new policy to be <b>effective January 1, 2011</b>, requiring consultants provide certification that costs used to establish overhead cost rates for Federal-aid engineering and design related services contracts do not include any costs which are expressly unallowable; and that the overhead cost rate was established only with allowable costs.</p>		
<p>This certification is to provide assurance that the overhead costs rate was calculated in accordance with the applicable cost principles contained in the Federal Acquisition Regulations (FAR) of Title 48, Code of Federal Regulations (CFR) Part 31.</p>		
<p>This form shall be completed and submitted by the prime consultant and each subconsultant (first and second tier subconsultant(s)) that have a derivation of cost sheet as part of this priced proposal where an overhead rate was proposed. Please note that the Certifying Official is defined as the firm's Executive (President, Vice President or equivalent) or Chief Financial Officer.</p>		
<b>PROJECT INFORMATION</b>		
MDOT CONTROL SECTION(S) - JOB NUMBER(S):  CS 82400, 82457, 82609 - JN 116141A, 116319A, 116321A, 116322A, 116119A (ADA Ramps), Safety Project, 113663A	CONTRACT / AUTHORIZATION NUMBER:  CPO 2876243 / SPO 2876244	
PROJECT DESCRIPTION: CEI Services for Seven (7) MDOT Projects for the City of Detroit - Department of Public Works - City Engineering Division		
<b>DECLARATION OF CERTIFICATION</b>		
OVERHEAD COST RATE:	<b>139.43%</b>	
DATE OF OVERHEAD COST RATE DETERMINATION (mm/dd/yyyy):	<b>4/29/2013</b>	
FISCAL PERIOD COVERED: (mm/dd/yyyy to mm/dd/yyyy)	1/1/2012	to 12/31/2012
<p><i>I, the undersigned, certify that I have reviewed the overhead rate calculation for the fiscal period as specified above and to the best of my knowledge and belief:</i></p> <p style="margin-left: 40px;">1.) All costs included to establish the above overhead cost rate are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) of title 48, Code of Federal Regulations (CFR), part 31.</p> <p style="margin-left: 40px;">2.) This overhead cost rate does not include any costs which are expressly unallowable under the cost principles of the FAR of 48 CFR 31.</p> <p><i>All known material transactions or events that have occurred affecting the firm's ownership, organization and overhead cost rates have been disclosed.</i></p>		
<b>CONSULTANT INFORMATION</b>		
LEGAL BUSINESS NAME:  HNTB Michigan, Inc.	FEDERAL ID NUMBER: (Must match prequalification file)  43-1628395	ROLE: (Prime, Tier 1, Tier 2)  Prime Firm
COMPANY ADDRESS:  535 Griswold Street, Ste 1100	CITY:  Detroit	STATE:  MI
EMAIL:  lebecker@hntb.com	PHONE NO.:  313-961-3330	ZIP CODE:  48226
By signature on this form, the consultant agrees that information provided in the consultant priced proposal does not contradict the scope of services or violate the contract terms and conditions.		
CERTIFYING OFFICIAL: (Printed Name - Title)  Leonard C. Becker Vice President	SIGNATURE OF CERTIFYING OFFICIAL:  	DATE:  May 13, 2014

# ATTACHMENT C

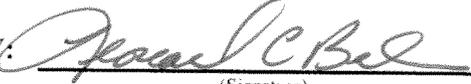
CERTIFICATION OF OVERHEAD RATE		
MDOT Form 5108 (Version Date 12/10)		
<p>This Certification is required per U.S. Department of Transportation, Federal Highway Administration (FHWA) Order 4470.1A, and dated October 27, 2010. FHWA has issued this new policy to be effective January 1, 2011, requiring consultants provide certification that costs used to establish overhead cost rates for Federal-aid engineering and design related services contracts do not include any costs which are expressly unallowable; and that the overhead cost rate was established only with allowable costs</p> <p>This certification is to provide assurance that the overhead costs rate was calculated in accordance with the applicable cost principles contained in the Federal Acquisition Regulations (FAR) of Title 48, Code of Federal Regulations (CFR) Part 31.</p>		
<p>This form shall be completed and submitted by the prime consultant and each subconsultant (first and second tier subconsultant(s)) that have a derivation of cost sheet as part of this priced proposal where an overhead rate was proposed</p>		
PROJECT INFORMATION		
MDOT CONTROL SECTION(S) - JOB NUMBERS: Various-VariouS	CONTRACT / AUTHORIZATION NUMBER:	
PROJECT DESCRIPTION: City of Detroit 2013 CEI projects		
DECLARATION OF CERTIFICATION		
OVERHEAD COST RATE:	<u>180.00%</u>	
DATE OF OVERHEAD COST RATE DETERMINATION:	<u>10/17/2012</u>	
FISCAL PERIOD COVERED: (mm/dd/yyyy to mm/dd/yyyy)	<u>07/01/2011 to 6/30/2012</u>	
<p><i>I, the undersigned, certify that I have reviewed the overhead rate calculation for the fiscal period as specified above and to the best of my knowledge and belief:</i></p> <p>7.) All costs included to establish the above overhead cost rate are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) of title 48, Code of Federal Regulations (CFR), part 31.</p> <p>8.) This overhead cost rate does not include any costs which are expressly unallowable under the cost principles of the FAR of 48 CFR 31.</p> <p>All known material transactions or events that have occurred affecting the firm's ownership, organization and overhead cost rates have been disclosed.</p>		
CONSULTANT INFORMATION		
LEGAL BUSINESS NAME: Somat Engineering, Inc.	FEDERAL ID NUMBER: (must match prequalification file) 38-2639838	ROLE: (Prime, Tier 1 Sub, or Tier 2 Sub) Tier 1 Sub
COMPANY ADDRESS: 660 Woodward, Suite 2430 Detroit MI 48226	EMAIL: ram@somateng.com	PHONE: 313-963-2721
CERTIFYING OFFICIAL		
NAME OF CERTIFYING OFFICIAL: (Printed Name & Title) G. Ramanujam, P.E., President	SIGNATURE OF CERTIFYING OFFICIAL: 	DATE: (mm/dd/yyyy) 08/08/2013

IN WITNESS WHEREOF, the City and the Consultant, by and through their authorized officers and representatives, have executed this Contract as of the date first above written.

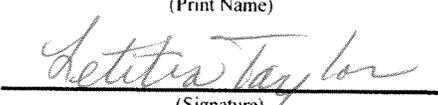
WITNESSES:

- 1.   
(Signature)  
ANITA K JORDAN  
(Print Name)
- 2.   
(Signature)  
ROBIN KELLY  
(Print Name)

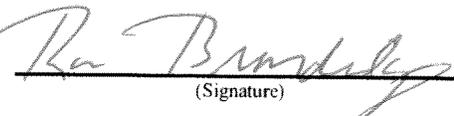
CONSULTANT: HNTB Michigan, Inc.

- BY:   
(Signature)  
Leonard C Becker  
(Print Name)
- ITS: Vice President  
(Title)

WITNESSES:

- 1.   
(Signature)  
LaDiva Holman  
(Print Name)
- 2.   
(Signature)  
Letitia Taylor  
(Print Name)

CITY OF DETROIT – DPW

- BY:   
(Signature)  
**RON BRUNDIDGE**
- ITS: **DIRECTOR**

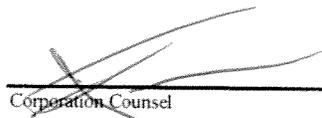
AMENDMENT NO. 1  
CE&I for 7 MDOT Projects  
CPO NO: 2876243  
SPO NO: 2876244

THIS CONTRACT WAS APPROVED  
BY THE CITY COUNCIL ON:

NOV 25 2014

  
Purchasing Director Date

APPROVED BY LAW DEPARTMENT  
PURSUANT TO §6-406 OF THE  
CHARTER OF THE CITY OF DETROIT

 10-16-14  
Corporation Counsel Date

THIS CONTRACT IS NOT VALID OR AUTHORIZED UNTIL APPROVED BY  
RESOLUTION OF THE CITY COUNCIL AND SIGNED BY THE PURCHASING  
DIRECTOR.

**CITY ACKNOWLEDGMENT**

STATE OF \_\_\_\_\_ )

)SS.

COUNTY OF \_\_\_\_\_ )

The foregoing contract was acknowledged before me the 18<sup>th</sup> day of September, 2014.

by **Ron Brundidge**, the Director of the Department of Public Works

on behalf of the City.

AMENDMENT NO. 1  
CE&I for 7 MDOT Projects  
CPO NO: 2876243  
SPO NO: 2876244

Notary Public, County  
of: \_\_\_\_\_



Signature of Notary

State of:

My commission expires:



**JOSE T ABRAHAM**  
Notary Public, State of Michigan  
County of Macomb  
My Commission Expires Nov. 29, 2016  
Acting in the County of \_\_\_\_\_

**CORPORATE ACKNOWLEDGMENT**

STATE OF MICHIGAN )  
 )SS.  
COUNTY OF WAYNE )

The foregoing contract was acknowledged before me the 16 day of SEPTEMBER, 2014,

by LEONARD BECKER  
(Name of person who signed the contract)

the VICE PRESIDENT  
(Title of person who signed the contract as it appears on the contract)

of HNTB  
(Complete name of the corporation)

on behalf of the Corporation.

AMENDMENT NO. 1  
CE&I for 7 MDOT Projects  
CPO NO: 2876243  
SPO NO: 2876244

Notary Public,  
County of: WAYNE Susan M. Curtis  
Signature of Notary

State of: MICHIGAN

My commission expires: 10-1-14

**CORPORATION CERTIFICATE OF AUTHORITY**

I, JOHN W. FRIEL, Corporate Secretary of **HNTB Michigan, Inc.**  
(name of corporate secretary)

a **Michigan** corporation (the "Corporation"), **DO HEREBY CERTIFY** that the following is a true and correct excerpt from the minutes of the meeting of the Board of Directors duly called

and held on SEPTEMBER 2, 2014 and that the same is now in full force and effect:  
(date of meeting)

**"RESOLVED**, that the Chairman, the President, each Vice President, the Treasurer, and the Secretary and each of them, is authorized to execute and deliver, in the name of and on behalf of the Corporation and under its corporate seal or otherwise, any agreement or other instrument or document ('Contract') in connection with any matter or transaction that shall have been duly approved; and the execution and delivery of any Contract by any of the aforementioned officers shall be conclusive evidence of such approval."

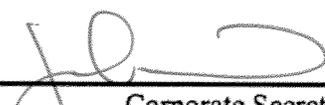
**I FURTHER CERTIFY** that

<u>MATTHEW T. HINTZE</u>	is Chairman
<u>MATTHEW SIMON, MICHAEL W. WRIGHT, THOMAS WESTON, LEONARD BECKER</u>	is President
<u>JOHN W. FRIEL</u>	is (are) Vice President(s),
<u>JOHN W. FRIEL</u>	is Treasurer,
	is Secretary,
	is Executive Director, and
	is _____.

**I FURTHER CERTIFY** that any of the aforementioned officers or employees of the Corporation are authorized to execute and commit the Corporation to the conditions, obligations, stipulations and undertakings contained in **Amendment No. 1, CPO No. 2876243 to Provide Construction Engineering & Inspection Services for Seven MDOT Projects between HNTB Michigan, Inc. and the City of Detroit, acting through the Director of the Department of Public Works** and that all necessary corporate approvals have been obtained in relationship thereto.

IN WITNESS THEREOF, I have set my hand this 10th day of October, 2014.

CORPORATE SEAL  
(if any)

  
\_\_\_\_\_  
Corporate Secretary

PLEASE NOTE THAT THE PERSON WHO SIGNS THE CONTRACT ON BEHALF OF YOUR CORPORATION **MUST** BE ONE OF THE INDIVIDUALS LISTED ABOVE AS A PERSON AUTHORIZED TO EXECUTE CONTRACTS IN THE NAME OF AND ON BEHALF OF THE CORPORATION.