

HERMANTOWN ECONOMIC DEVELOPMENT AUTHORITY

AGENDA

Wednesday, February 16, 2022 at 11:30 a.m.
Council Chambers
Governmental Services Building

1. **ROLL CALL**
2. **MINUTES** – Approval or correction
 - A. February 1, 2022 HEDA Minutes
3. **RESOLUTIONS**
 - A. **2022-02H** Resolution Approving An Agreement For Professional Consulting Services With Braun Intertec Corporation For The Total Consideration Of \$63,116.00
4. **WORK SESSION** –
 - A. Update on Business Retention & Expansion Survey
 - B. Update on Budget/Projects for 2022
5. **RECESS**

HERMANTOWN ECONOMIC DEVELOPMENT AUTHORITY
February 1, 2022
11:30 a.m.

MEETING CONDUCTED IN PERSON

ROLL CALL: Commissioners Geissler, Haapanen, Hauschild Nelson, Peterson, Ronchetti

CITY STAFF: John Mulder, City Administrator; Eric Johnson, Community Development Director; Joe Wicklund, Communications and Community Engagement Director, Steve Overom, Attorney

ABSENT: Mayor Boucher

VISITORS: Heidi Timm-Bijold,

MINUTES

Motion made by Commissioner Peterson, seconded by Commissioner Nelson to approve the January 24, 2022 HEDA Minutes. Motion carried on a voice vote. Commissioner Boucher, absent. Motion carried.

RESOLUTIONS

- A. **RESOLUTION 2022-01H Resolution Approving The Independent Producer Agreement With Story North Productions, Llc And Authorizing And Directing The Execution By Hermantown Economic Development Authority**

Motion made by Commissioner Peterson, seconded by Commissioner Geissler to adopt Resolution 2022-01H Resolution Approving The Independent Producer Agreement With Story North Productions, LLC And Authorizing And Directing The Execution By Hermantown Economic Development Authority. Roll Call: Commissioners Geissler, Haapanen, Nelson, Peterson, Mayor Boucher, aye. Commissioner Reno, absent. Motion carried.

WORK SESSION –

- A. Hwy 53 Business Park Desktop review and discussion of next steps.

John Mulder and Heidi Timm-Bijold reviewed the Hwy 53 Business Park Desktop review with the Commission.

RECESS

Motion made by Commissioner Ronchetti, seconded by Commissioner Nelson to recess at 12:35 p.m. Motion carried.

Recorded by:

Hermantown Economic Development Authority

September 23, 2021

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John Mulder, Executive Director

Hermantown Economic Development Authority
Resolution No. 2022-02H

HEDA Commissioner _____ introduced the following resolution and moved its adoption:

RESOLUTION APPROVING AN AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES WITH BRAUN INTEREC CORPORATION FOR THE TOTAL CONSIDERATION OF \$63,116.00

WHEREAS, the Hermantown Economic Development Authority (“HEDA”) has received a grant from the State of Minnesota Department of Employment and Economic Development (DEED) to investigate environmental contaminants, develop Response Action Plans to clean contaminations, and to implement plans that could redevelop polluted sites. and

WHEREAS, the Hermantown Economic Development Authority (“HEDA”) desires to obtain consulting services to complete the work for the grant; and

WHEREAS, Braun Intertec Corporation (“Braun”) submitted a proposal to provide such services to the HEDA (“Proposal”); and

WHEREAS, Braun and HEDA desire to enter into an Agreement for Professional Consulting Services (“Agreement”) as shown on Exhibit A attached hereto in which Braun provides services to HEDA pursuant to these terms of the Agreement and the Proposal; and

WHEREAS, the HEDA Commissioners have reviewed the Agreement and hereby believe that it is in the best interests of HEDA to approve the Agreement and authorize and direct the President and Secretary of HEDA to execute and deliver the Agreement on behalf of HEDA.

NOW THEREFORE, BE IT RESOLVED by the Commissioners of HEDA as follows:

1. The President and Secretary of HEDA are hereby authorized and directed to execute and deliver the Agreement on behalf of HEDA and execute and deliver whatever documents are necessary to consummate the transactions contemplated by the Agreement.
2. The City Clerk shall enter this Resolution in the records of HEDA immediately after the execution of this Resolution by the HEDA Administrator.

The motion for the adoption of the foregoing resolution was duly seconded by HEDA Commissioner _____ and, after full discussion thereof and upon a vote being taken thereon, the following HEDA Members voted in favor thereof:

Commissioners

and the following voted against the same:

Whereupon said resolution was declared duly passed and adopted.

Dated this 16th day of February, 2022.

HEDA Administrator

SUPPLEMENTAL LETTER AGREEMENT

THIS SUPPLEMENTAL LETTER AGREEMENT dated this _____ day of _____, 2022 by and between the **City of Hermantown** (“City”) and **Braun Intertec Corporation** (“Engineer”) is made in response to the following situation:

A. City and Engineer have entered into a Master Agreement for Professional Services by Resolution No. 2017-90 dated August 29, 2017. (“Master Services Agreement”).

B. Pursuant to the Master Services Agreement, Engineer proposed (“Proposal”) to provide environmental services related to a portion of the Proposed Highway 53 Business Park (“Project”), a copy of which is attached hereto as Exhibit A.

C. City has reviewed the Proposal and desires for Engineer to proceed with the work described in the Proposal.

NOW, THEREFORE, in consideration of the mutual provisions, representations, warranties, covenants and agreements contained herein, the parties hereto agree as follows:

1. City hereby approves the Proposal.
2. Engineer agrees to perform the work described in the Proposal for the fees set forth in the Proposal.
3. City and Engineer agree that the terms and provisions of the Master Services Agreement remain in full force and effect and are applicable to the performance of the work pursuant to the Proposal and this Supplemental Letter Agreement.
4. The Contractor agrees to comply with all of the terms and provisions of the Contamination Investigation and Response Action Plan Development Grant Application submitted by the City to the Minnesota Department of Employment and Economic Development (“DEED”) on November 1, 2021 (“DEED Grant Application”).
5. A current Certificate of Insurance complying with the provisions of the Master Services Agreement is attached hereto as Exhibit B.

IN WITNESS WHEREOF, each of the parties hereto has caused this Supplemental Letter Agreement to be executed in the manner appropriate to each, to be effective as of the day and year first above written.

CITY:

City of Hermantown

ENGINEER:

Braun Intertec Corporation

By _____
Its Mayor

By _____
Its _____

And by _____
Its City Clerk

EXHIBIT A

Proposal



Braun Intertec Corporation
4511 West First Street, Suite 4
Duluth, MN 55807

Phone: 218.624.4967
Fax: 218.624.0196
Web: braunintertec.com

February 8, 2022

Proposal QTB152948

Mr. John Mulder
City of Hermantown
5105 Maple Grove Road
Hermantown, MN 55811

RE: Proposal for Environmental Services
Environmental Assessment, Investigation and RAP Development
Portion of Future Business Park – Near Intersection of TH 53 and Lavaque Bypass Road
Hermantown, Minnesota

Dear Mr. Mulder:

Pursuant to your request, Braun Intertec Corporation has prepared this proposal for environmental services related to a portion of the Proposed Highway 53 Business Park located near the intersection of Trunk Highway 53 and Lavaque Bypass Road, Hermantown, Minnesota. This proposal includes the environmental tasks/activities described in the Contamination Investigation and Response Action Plan Development Grant Application submitted by the City of Hermantown to the Minnesota Department of Employment and Economic Development (DEED) on November 1, 2021 (DEED Grant Application). For purposes of this proposal, the Site is defined as the six parcels addressed by the DEED Grant Application.

Proposed redevelopment of the Site includes a future business park that will include light manufacturing, distribution warehouse, and other typical business park facilities and operations. No specific building plans have been determined, however possible building footprint locations were identified on diagrams included in the DEED Grant Application and consist of likely locations for future buildings.

The tasks/activities included in this proposal are consistent with those described in the DEED Grant Application and include: 1) Phase I Environmental Site Assessment (ESA), 2) Phase II ESA Work Plan, 3) Phase II ESA, and 4) response action plan (RAP). A proposal for anticipated preliminary geotechnical services related to the Site will be presented separately.

Background

The Site is comprised of six parcels totaling 50-acres. Of the 50-acres, 26-acres were part of the Former Arrowhead Refinery Superfund site, which was recently delisted by the Environmental Protection Agency (EPA) and Minnesota Pollution Control Agency (MPCA) from Superfund status.

Previous environmental investigations of the Former Arrowhead Refinery found that from 1945 to 1977, the facility was utilized by the Arrowhead Refining Company which operated a business that refined used oils using an acid-clay process. Identified soil and groundwater contamination associated with the former Arrowhead Refinery includes oil and grease, heavy metals, cyanide, phenols, polynuclear aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs). Approved cleanup actions completed as part of the delisted Superfund site included excavation of impacted soils and sludge to industrial levels (at the

AA/EOE

time of work) and installation of a groundwater extraction system. The groundwater extraction system was installed in 1993 and required soil/sediment removal cleanup actions were completed in 1995. Site investigation and monitoring activities continued into the early- 2000s and the groundwater extraction was turned off in 2007. Post-shutdown groundwater monitoring continued until 2014 when the wells were sealed. As part of a long-term stewardship plan for the Superfund site, the MPCA required the filing of an Environmental Covenant (EC). Based on the EC residual contamination that requires consideration for future redevelopment remains on the Former Arrowhead Refinery property.

Scope of Services

Task 1 – Phase I Environmental Site Assessment

Braun Intertec will conduct a Phase I Environmental Site Assessment (ESA) of the Site in accordance with ASTM Standard Practice E 1527-13, which is the recognized industry standard defining good commercial and customary practice for conducting all appropriate inquiry (AAI) into the previous ownership and uses of the Site consistent with the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). The intent of this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability. The purpose of the Phase I ESA will be to identify recognized environmental conditions in connection with the subject property.

The Phase I ESA will include a government and historical records review, site reconnaissance, interviews, and data evaluation. The findings of previous environmental investigations and related regulatory considerations will be summarized as appropriate. The results of the Phase I ESA will be summarized in a written report. So that they may be identified within the report, the user must supply the names of all parties intending to rely on the executed service and subsequent report. Additional reliance may be obtained at the discretion of Braun Intertec. In order to satisfy the requirements of AAI, the user bears specific responsibilities for satisfying certain components of the environmental inquiry. The E 1527 Practice provides a User Questionnaire which outlines the information that the user must provide (if available) to the Environmental Professional. The User Questionnaire, to be provided separately, should be completed and returned to Braun Intertec so that the information can be included in the Phase I ESA report.

A draft copy of the Phase I ESA will be provided electronically for review and comment. Upon receipt of comments, Braun Intertec will issue the final Phase I ESA report. Only an electronic copy of the Phase I ESA report will be submitted to you unless you request otherwise.

Task 2 – MPCA Brownfield Program Enrollment and Phase II ESA Work Plan

Braun Intertec will assist the City of Hermantown with entering the Site in the MPCA Voluntary Brownfields Program, which is a fee-for-service program that provides technical assistance and issuance of liability assurance letters to promote the investigation, cleanup, and redevelopment of a property that is contaminated with petroleum and/or hazardous substances. Enrolling in the MPCA Voluntary Brownfield Program requires the use of the online MPCA e-Service portal. Braun Intertec will assist the City of Hermantown with completing the online application and will initiate discussions with MPCA staff regarding the forthcoming Phase II ESA Work Plan and planned Phase II ESA approach.

After the discussing the Site with the MPCA, Braun Intertec will prepare a Phase II ESA Work Plan that will include detailed descriptions of proposed investigation methods, locations, analytical testing parameters and other relevant information. Braun Intertec will submit the Phase II ESA Work Plan to the MPCA Voluntary Brownfields Program for review and approval prior to initiating the associated field investigation activities.

Task 3 – Phase II ESA

The Phase II ESA scope represents the anticipated environmental investigation activities that will be incorporated into the Phase II ESA Work Plan prepared under Task 2. The Phase II ESA scope is estimated to include the following activities:

- Staking and Utility Clearance
- Soil Borings
- Soil Screening
- Soil Sampling and Analytical Testing
- Groundwater Sampling and Analytical Testing
- Soil Vapor Sampling and Analytical Testing
- Reporting

Additional descriptions of the above activities are provided below.

Staking and Utility Clearance

Braun Intertec will stake prospective subsurface exploration locations and obtain surface elevations at those locations using GPS (Global Positioning System) technology. Prior to drilling or excavating, Braun Intertec or the subcontractor will contact Gopher State One Call and arrange for notification of the appropriate utility vendors to mark and clear the investigation locations of public underground utilities. You, or your authorized representative, are responsible to notify Braun Intertec before we begin the work of the presence and location of any underground objects or private utilities that are not the responsibility of public agencies.

In addition, Braun Intertec fees include a budget to retain a private locate company to mark private utilities that are not the responsibility of public agencies. Upon the request of Braun Intertec, the property owner must also be available to assist the private locate company in determining the presence of any underground objects or the location of utilities. Braun Intertec will not be liable for any damages resulting from unidentified or misidentified underground objects or utilities. Further, Braun Intertec reserves the right to stop work if underground objects or utilities are suspected or known to exist, but locations cannot be accurately determined.

Soil Borings

Braun Intertec or the subcontractor will advance up to 20 soil borings at the Site to obtain soil samples for field screening and laboratory analysis. The borings will be advanced to depths ranging from 10 to 20 feet below ground surface (bgs) using either a hydraulically driven push-probe rig or hollow-stem auger rig. Soil samples for field screening will be collected at 2.5-foot intervals. The work will be completed following Braun Intertec Standard Operating Procedures (SOPs). Braun Intertec will determine the boring locations based on the results of the Phase I ESA and other reports or information provided to Braun Intertec.

Following completion, the boreholes will be sealed in general accordance with Minnesota Department of Health (MDH) guidelines. Drilling equipment will be pressure washed prior to mobilization to the site, and all down-hole sampling equipment will be cleaned with soap and water prior to the collection of each sample.

Field Screening

Soil samples from the soil borings will be visually and manually classified in the field by an environmental technician using ASTM D2488 "Standard Practice for Description and Identification of Soils (Visual-Manual Procedures)." Additionally, soils will be classified at our soils laboratory by a geotechnical engineer using ASTM D2487 "Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)" and ASTM D2488.

Field personnel will examine soil samples for unusual staining, odors, and other apparent signs of contamination. In addition, the soil samples will be screened for the presence of organic vapors using a photoionization detector (PID). The PID will be equipped with a 10.6-electron-volt lamp and calibrated to an isobutylene standard. The PID will be used to perform direct measurement and a headspace method of field analysis as recommended by the MPCA and in accordance with Braun Intertec SOPs.

Soil Laboratory Analysis

Soil samples for laboratory analysis will be collected from each of the soil borings. For cost estimating purposes, we have estimated up to 30 soil samples will be collected for laboratory analysis. Soil samples will be collected for laboratory analysis from the intervals relevant to redevelopment, where potential impacts were identified during field screening, and where impacts are known or suspected based on previous investigation results.

The soil samples will be submitted for a combination of the following analyses:

- Volatile organic compounds (VOCs) using the United States EPA Method 8260
- Semi-volatile organic compounds (SVOCs) using EPA Method 8270 (base-neutral & acid extractables)
- PAHs using EPA Method 8270
- PCBs using EPA Method 8082
- Total cyanide by EPA Method 9012
- Diesel range organics (DRO) with silica gel cleanup using Wisconsin DNR Method
- Resource Conservation and Recovery Act (RCRA) Metals using EPA Method 6010

In addition, selected soil samples may be submitted for additional TCLP testing for RCRA metals to characterize the material for future landfill disposal, if warranted, for based on initial laboratory results.

Groundwater Sampling

Temporary monitoring well will be installed in up to 10 (10) of the soil borings to collect groundwater samples for laboratory analysis. The temporary wells will be permitted in accordance with the Minnesota Department of Health (MDH) guidelines. Groundwater samples for laboratory analysis will be collected from the temporary wells and analyzed for the following parameters:

- VOCs using the United States EPA Method 8260

- SVOCs using EPA Method 8270 (base-neutral & acid extractables)
- PAHs using EPA Method 8270
- PCBs using EPA Method 8082
- Total cyanide by Method SM4500CN-E
- DRO with silica gel cleanup using Wisconsin DNR Method
- Dissolved RCRA Metals using various EPA Methods

Soil Vapor Sampling

Up to 20 soil vapor probes will be advanced throughout the Site using a hydraulically driven push-probe rig to a depth of five feet bgs and then retracted to a depth of three feet bgs. New, inert tubing will be attached to the top of the downhole sampler and the sampling point and tubing will be purged with a hand pump to remove two volumes of air prior to sample collection. Following purging, organic vapor concentrations will be screened with a PID and the value recorded. The soil vapor samples will then be collected using laboratory-supplied negative pressure air-sample collection canisters (1-liter or 6-liter canisters) equipped with 200 milliliter per minute (mL/min) flow restrictors in accordance with the MPCA guidelines and in accordance will Braun Intertec SOP 403 – Soil Vapor Sampling from a Borehole and with a Hand Probe. Following sample collection, the temporary sampling point will be removed from the borehole and the borehole will be sealed in accordance with MDH guidelines.

The soil vapor samples will be analyzed for VOCs using United States EPA Method TO-15 and TO-3M.

To obtain applicable liability assurances from the Brownfield Program, the MPCA may require a second round of soil vapor samples at the approximate same locations due to the temporal and seasonal variability that can be observed in soil gas. Costs associated with a potential second seasonal round are not included within this proposal.

Phase II ESA Report

Prepare a Phase II ESA Report summarizing the environmental monitoring, sampling, and testing results and providing recommendations for any additional investigation or response actions that may be required to address contamination during any planned future redevelopment.

A draft copy of the Phase II ESA will be provided electronically for review and comment. Upon receipt of comments, Braun Intertec will issue the final Phase II ESA report. Only an electronic copy of the Phase II ESA report will be submitted to you unless you request otherwise.

Task 4 – Response Action Plan

Braun Intertec will prepare a RAP document for the environmental requirements needed for Site redevelopment. The RAP will summarize existing environmental data for the Site, discuss contamination-related issues affecting the proposed redevelopment activities, present a plan for managing contaminated soil and/or debris during redevelopment, and address requirements for other contaminated media based on the results of the cumulative environmental investigations as needed (e.g., soil vapor mitigation, contaminated groundwater management, etc.). The RAP will be submitted to the MPCA Voluntary Brownfields Program for review and approval. RAP approval by the MPCA is a requirement of the as part of the Contamination Investigation and Response Action Plan Development Grant.

A draft copy of the RAP will be provided electronically for review and comment. Upon receipt of comments, Braun Intertec will finalize the RAP. Only an electronic copy of the RAP will be submitted to you unless you request otherwise.

Cost Estimate

Braun Intertec estimated cost to complete the proposed environmental services is \$63,116, assuming no scope modifications or additions are required. A cost breakdown is provided in the table below and the attached Cost Estimate Table.

Cost Breakdown	
<i>Task 1 – Phase I Environmental Site Assessment</i>	
- Professional Services & Expenses	<u>3,254</u>
<i>Estimated Total - Task 1</i>	\$3,254
<i>Task 2 – MPCA Brownfield Application* and Phase II ESA Work Plan</i>	
- Professional Services & Expenses	<u>3,745</u>
<i>Estimated Total - Task 2</i>	\$3,745
<i>Task 3 – Phase II ESA</i>	
- Utility Clearance and Drilling Services	15,825
- Field Screening, Sample Collection and Related Equipment/Expenses	9,532
- Laboratory Analysis – Soil, Groundwater and Soil Vapor	17,875
- Phase II ESA Report & Professional Services	<u>5,275</u>
<i>Estimated Total - Task 3</i>	\$48,507
<i>Task 4 – Response Action Plan</i>	
- Professional Services & Expenses	<u>7,610</u>
<i>Estimated Total - Task 4</i>	\$7,610
Total Estimated Cost	\$63,116

Notes:

* The Cost Estimate does not include MPCA Voluntary Program fees which will be billed directly to the City of Hermantown by the MPCA. In the DEED Grant Application, the MPCA Voluntary Program fees for the project were estimated at \$3,562.

Scheduling

Braun Intertec will schedule and complete all activities and tasks in a manner meeting established project deadlines and requirements of the grant agreement between the City and DEED.



Acceptance of Proposal/General Remarks

Our services will be performed under the Master Services Agreement for Professional Services between the City of Hermantown and Braun Intertec Corporation, dated March 11, 2020. Please sign and return this proposal as authorization to proceed.

If you have any questions regarding this proposal, please feel free to contact Ken Larsen 952.995.2455 (desk) or 612.599.1704 (cell).

Sincerely,

BRAUN INTERTEC CORPORATION



Kenneth A. Larsen, PE, PG
Vice President, Principal Engineer



Joseph C. Butler, PE
Business Unit Manager, Senior Engineer

Attachments:
Cost Estimate Table

The proposal is accepted, and you are authorized to proceed.

Authorizer's Firm

Authorizer's Signature

Authorizer's Name (please print or type)

Authorizer's Title

Date



Project Proposal

QTB152948

Proposed Highway 53 Business Park - Hermantown, MN

Client: City of Hermantown John Mulder 5105 Maple Grove Road Hermantown, MN 55811	Work Site Address: Near Intersection of TH 53 and Lavaque Bypass Road Hermantown, MN 55811	Service Description: Environmental Investigation and RAP Development
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	Description	Quantity	Units	Unit Price	Extension
Phase 1	Task 1 - Phase I ESA				
Activity 1.1	Field Work				\$598.50
308	Field Scientist	6.00	Hour	95.00	\$570.00
1856	Vehicle mileage, per mile	50.00	Each	0.57	\$28.50
Activity 1.2	Expenses				\$267.50
SUB	Historical and Regulatory Information	1.00	Each	267.50	\$267.50
Activity 1.3	Project Management & Reporting				\$2,387.50
390	Staff Scientist	4.00	Hour	125.00	\$500.00
391	Project Scientist	10.00	Hour	145.00	\$1,450.00
395	Senior Scientist	1.00	Hour	175.00	\$175.00
387	GIS/CAD Analyst	0.50	Hour	125.00	\$62.50
363	Project Control Specialist	1.00	Hour	125.00	\$125.00
360	Project Assistant	1.00	Hour	75.00	\$75.00
	Phase 1 Total:				\$3,253.50
Phase 2	Task 2 - Phase II ESA Work Plan & Brownfield Application				
Activity 2.1	Project Management & Reporting				\$3,745.00
391	Project Scientist	18.00	Hour	145.00	\$2,610.00
395	Senior Scientist	2.00	Hour	175.00	\$350.00
387	GIS/CAD Analyst	4.00	Hour	125.00	\$500.00
360	Project Assistant	2.00	Hour	75.00	\$150.00
363	Project Control Specialist	1.00	Hour	125.00	\$125.00
1864	Adjustment	1.00	Each	10.00	\$10.00
	Phase 2 Total:				\$3,745.00
Phase 3	Phase II ESA				
Activity 3.1	Drilling Services				\$15,825.00
SUB	Subcontractor - Push-probe	1.00	Each	4,125.00	\$4,125.00
9100	Flotation Tire Drill Rig and Crew, per hour - Braun	36.00	Each	325.00	\$11,700.00
Activity 3.2	Soil Screening/Field analysis				\$9,532.50
308	Field Scientist	55.00	Hour	95.00	\$5,225.00
395	Senior Scientist	6.00	Hour	175.00	\$1,050.00
391	Project Scientist	12.00	Hour	145.00	\$1,740.00
1856	Vehicle mileage, per mile	250.00	Each	0.57	\$142.50
5036	PID w/10.6 eV lamp, per day	5.00	Each	125.00	\$625.00
5096	Trimble GeoXH GPS (sub-meter horizontal only), per hour	5.00	Each	150.00	\$750.00
Activity 3.3	Laboratory Analysis				\$17,875.00



Project Proposal

QTB152948

Proposed Highway 53 Business Park - Hermantown, MN

	SUB	Subcontractor - Soil Laboratory Analysis	1.00	Each	9,365.00	\$9,365.00
	SUB	Subcontractor - Groundwater Laboratory Analysis	1.00	Each	3,510.00	\$3,510.00
	SUB	Subcontractor - Vapor Laboratory Analysis	1.00	Each	5,000.00	\$5,000.00
	Activity 3.4	Project Management & Reporting				\$5,275.00
	390	Staff Scientist	12.00	Hour	125.00	\$1,500.00
	391	Project Scientist	15.00	Hour	145.00	\$2,175.00
	395	Senior Scientist	4.00	Hour	175.00	\$700.00
	387	GIS/CAD Analyst	4.00	Hour	125.00	\$500.00
	360	Project Assistant	2.00	Hour	75.00	\$150.00
	363	Project Control Specialist	2.00	Hour	125.00	\$250.00
					Phase 3 Total:	\$48,507.50
Phase 4		Prepare RAP				
	Activity 4.1	Prepare RAP				\$7,610.00
	390	Staff Scientist	10.00	Hour	125.00	\$1,250.00
	391	Project Scientist	25.00	Hour	145.00	\$3,625.00
	395	Senior Scientist	10.00	Hour	175.00	\$1,750.00
	387	GIS/CAD Analyst	4.00	Hour	125.00	\$500.00
	360	Project Assistant	3.00	Hour	75.00	\$225.00
	1864	Adjustment	1.00	Each	10.00	\$10.00
	363	Project Control Specialist	2.00	Hour	125.00	\$250.00
					Phase 4 Total:	\$7,610.00
					Proposal Total:	\$63,116.00

EXHIBIT B
Certificate of Insurance