

December 11, 2009

Attn: Contracts Officer
Real Estate and Construction Services
Administration Building Room 309
50 Sherburne Avenue
St. Paul, MN 55155

Re: RFP and Fee Schedule for Testing and Inspections Master Contract

Dear Contracts Officer:

Braun Intertec is interested in being considered for the Master Contract with Real Estate and Construction Services for Testing and Inspection services.

Submitting Office:

Braun Intertec Corporation
11001 Hampshire Ave S
Minneapolis, MN 55438-2424
Hennepin County

Braun Intertec is a Minnesota corporation.

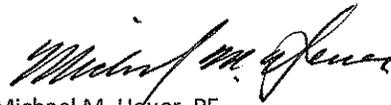
Federal ID Number: 41-1684205
State ID Number: 1146183
Website: www.braunintertec.com

The Braun Intertec Point of Contact and Authorized Signer is:

Michael M. Heuer, PE
Vice President
Tel. 952.995.2258
Fax. 952.995.2020
mheuer@braunintertec.com

Sincerely,

BRAUN INTERTEC CORPORATION



Michael M. Heuer, PE
Vice President

2009 DEC 11 11:08

STATE OF MINNESOTA
DEPT. OF COMMERCE
REGISTRATION SERVICES
DIVISION

Exhibit A

The following items follow this cover page:

- Exhibit A
- Project matrix
- Project descriptions

CONSTRUCTION TESTING AND INSPECTION SERVICES RFP- EXHIBIT A

Name of Firm Braun Intertec Corporation Proposal
Dated 12/11/09

Responder shall indicate the categories of tests and inspections for which the firm is qualified:

Geotechnical Services

- Pre-construction Soil Exploration and Testing
- Percolation Tests, Recommendations for Septic Systems
- Foundation and Pavement Design Recommendations
- Observation and Testing of Existing Soils during Excavation and Grading
- Laboratory Testing of Proposed Fill Material
- Observation and Testing of Fill and Backfill for Moisture, Compaction
- Other Cone Penetration Test, Resistivity Testing, Ground Penetrating Radar

Concrete Testing and Inspection Services

- Concrete, Grout Mix Design
- Observe and Document Formwork Construction
- Observe and Document Placement of Reinforcing Steel
- Slump, Temperature, and Air Entrainment Tests of Fresh Concrete
- Cast, Cure and Test Concrete Cylinders for Compressive Strength
- Other Concrete Petrography, Ground Penetrating Radar, Windsor Probe Test, Maturity Testing, Concrete Coring, Lightweight Testing, Epoxy and Expansion Bolt Observation and Testing
- Other International Code Council Certified Special Inspectors

Masonry Testing and Inspection Services

- Mortar, Masonry Fill Mix Design
- Laboratory Tests on Masonry Prisms
- Laboratory Test of Mortar and Core-fill for Compressive Strength and Bond Strength
- Special Inspection of Structural Masonry Construction (Continuous X / Periodic X)
- Other Windsor Pin Testing, Property Condition Assessment and Restoration Engineering
- Other International Code Council Certified Special Inspectors

Structural Steel Testing and Inspection

- Strength Testing of Embedded Bolts
- Observe and Test Welded and Bolted Connections during Structural Steel and Precast Concrete Erection
- Observe and Test Welding and Screw Fastening during Metal Deck Installation
- Other Welder Qualification Testing, Bolt Testing, X-ray Technology, Material Identification
- Other International Code Council Certified Special Inspectors

Pavement Testing and Inspection

- Observe and Test Rolling Operations on Subgrade Soils

- Field and Laboratory Tests on Aggregate Base
- Field and Laboratory Tests during Bituminous Paving (Continuous / Periodic)
- Other Falling Weight Deflectometer Test, High-speed Ground Penetrating Radar

Fireproofing / Firestopping Testing and Inspection

- Test Installed Spray-on Fireproofing for Thickness, Density, Adhesion
- Observe and Document Installation of Fire-Resistive Joint Systems
- Other International Code Council Certified Special Inspectors

Phase I Archaeological Resources Investigation (Services provided by 106 Group)

- Determine whether cultural resources are present within the project area, and whether these resources are potentially eligible for the National Register of Historic Places (NRHP).
- All field methods and reporting of the Phase I Archaeological Resources Investigation will comply with the Minnesota State Historic Preservation Office guidelines as well as federal guidelines, and will meet the requirements of the Secretary of the Interior's Standards.
- If an archaeological site is found, wash, analyze, and catalogue all recovered artifacts. Laboratory and curation procedures will follow appropriate standard guidelines
- Curate the artifacts at the Minnesota Historical Society under Contractor's curation agreement. Contractor's lab director will ensure that the cataloging and curation meet the requirements of Minnesota's repository guidelines.
- Other _____

Phase II Archaeological Resources Investigation (Services provided by 106 Group)

- Excavate and document designated features in accordance with Minnesota State Historic Preservation Office guidelines as well as federal guidelines, and will meet the requirements of the Secretary of the Interior's Standards.
- Record excavation data on standardized forms and in the log book of the principal investigator including location and methods of testing; the numbers, types, and locations of recovered cultural materials; the depth and thickness of excavated soil layers; soil textures and inclusions; and soil color according to Munsell color charts.
- Take up to 5 radiocarbon samples if suitable materials are encountered and complete standard radiometric analysis.
- Clean, catalogue, label and bag all recovered artifacts in accordance with professional standards and submit recovered materials to the Minnesota Historical Society for curation.
- Other _____

Phase I Environmental Investigation

- Complete a Phase I Environmental Site Assessment in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Document #8.
- Conduct a visual (existing structures) assessment for typical suspect asbestos containing materials (ACM).
- Assess the presence of PCBs at the subject site.
- Collect and evaluate available historical information to determine if evidence exists indicating an existing release, a past release, or a material threat of a release of hazardous substances, hazardous materials or petroleum products to the Property.
- Other _____

Phase II Environmental Investigation

- Prepare a workplan the Phase II Investigation in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Document #11 to determine if potential sources of contamination identified during the Phase I Investigation are causing a release or threatened release of hazardous substances, contaminants or pollutants to the soil, surface water and ground water on the property in question.
- Prepare a site safety and contingency plan in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Document #10.
- Conduct Phase II Environmental Investigation in accordance with approved work plan and in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Documents.
- Other _____

Remediation Services

- Prepare and, upon approval, implement the Response Action Plan (RAP) and in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Documents.
- Following completion of the RAP, prepare an Implementation Report for submission to the MPCA for review and approval in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Documents.
- Other _____

Comments:

Project Name	Geotechnical Services		Concrete Testing & Inspection Services		Masonry Testing & Inspection Services		Structural Steel Testing & Inspection		Pavement Testing & Inspection		Fireproofing / Firestopping Testing & Inspection		Phase I Archeological Resources Investigation		Phase II Archeological Resources Investigation		Phase III Environmental Investigation		Remediation Services	
	X		X		X		X		X		X		X		X		X		X	
New Vocational Building - Red Wing																				
Minnesota Zoological Gardens	X																			
Addition to MN Veterans Home	X																			
Ivy Cook State Park Offices	X																			
MSCP Expansion, Moose Lake	X																			
CIP Expansion, Men's Correctional Facility, Willow River, MN	X																			
University of Minnesota Intermodal Transportation Center	X																			
University of Minnesota TCF Bank Stadium	X																			
MDA/MDH Orville L. Freeman Office Building	X																			
Moose Lake Correctional Facility	X																			
Opus Corporate Center	X																			
The Mist on Lake Minnetonka	X																			
Carlton College Student Residence	X																			
Orange Ramp, HHH Terminal	X																			
Village on Nine Mile Creek	X																			
Chancellor Mansor Renovation	X																			
Minneapolis Library	X																			
Maple Grove Hospital	X																			
MDA Parking Lot and Pond	X																			
Target Field	X																			
IMCF Faribault Replacement & Expansion Faribault Intake & Receiving Bldg.	X																			
Pexton Hall, Regional Treatment Center	X																			
Mekler County Public Works Bldg	X																			
Lofts of Stillwater	X																			
92-Red Housing Expansion	X																			
Old Logging Trail Sanitation Bldg, St. Croix	X																			
State Park	X																			
MDA/MDH Lab Air Intake Canopy	X																			
Ironworld Museum Repairs	X																			
Workers Memorial - State Capitol Building	X																			
Washington County Government Center	X																			
Statewide CSAR FWD Data Collection, Mn/DOT	X																			
Moos Tower, University of Minnesota	X																			
Minnesota Veterans Home, Fort Snelling	X																			
Proposed Parking Lot, 629 Jackson St, St. Paul	X																			
Central Corridor Light Rail Transit	X																			
Fort Riley, Kansas	X																			
I-35W Bridge	X																			
94 Corridor - Managed Lane Construction	X																			
FerriLab NOVA Project*	X																			
Spring Lake Park Reserve Master Plan*	X																			
Bunker Hills Regional Park Land Exchange*	X																			
CSAH 14, Centerville Redevelopment*	X																			
Briace Vento Nature Sanctuary at Lower Phalen Creek*	X																			
Duluth Air National Guard Base*	X																			

*Conducted by I06 Group

Projects

Project Title: New Vocational Building, Red Wing, MN
Scope: Geotechnical Evaluation and Infiltration Testing
Duration: 6/22/07 to 10/12/07
Client: State of Minnesota, Department of Administration
Mailing Address: 301 Centennial Office Building, 685 Cedar St, St. Paul, MN 55155
Contact: Larry Nichols
Title: Project Manager
Phone: 651.297.3464
Fax: 651.296.7650

Project Title: Minnesota Zoological Garden, Apple Valley, MN
Scope: Geotechnical Evaluation
Duration: 2/23/09 to 5/29/09
Client: Minnesota Zoological Garden
Mailing Address: 13000 Zoo Boulevard, Apple Valley, MN 55124
Contact: Ken Kornack
Title: Director of Capital Projects
Phone: 952.431.9500
Fax: 952.431.9211

Project Title: Addition to Minnesota Veterans Home
Scope: Geotechnical Evaluation
Duration: 1/3/07 to 2/6/07
Client: State of Minnesota, State Architects Office
Mailing Address: 301 Centennial Office Building, 658 Cedar St, St. Paul, MN 55155
Contact: Jim Scott
Title: Project Manager
Phone: 651.296.3427
Fax: 651.296.7650

Project Title: New Park Office/Contact Station, Jay Cook State Park, Thomson, MN
Scope: Geotechnical Evaluation
Duration: 8/24/09 to 11/13/09
Client: Minnesota Department of Natural Resources
Mailing Address: 500 Lafayette Road, St. Paul, MN 55115
Contact: Doug Feickert
Title: Project Manager
Phone: 612.296.6157
Fax: Unknown

Project Title: MSOP Expansion, Moose Lake

Scope: Geotechnical Evaluation, Concrete Testing & Inspection Services, Structural Steel Testing & Inspection, Pavement Testing & Inspection, Fireproofing/Firestopping Testing & Inspection

Duration: 11/15/06 to 3/9/07

Client: State of Minnesota, State Architects Office

Mailing Address: 301 Centennial Office Building, 658 Cedar St, St. Paul, MN 55155

Contact: Gordon O. Christofferson

Title: Project Manager

Phone: 651.297.3464

Fax: 651.296.7650

Project Title: CIP Expansion, Men's Correctional Facility, Willow River, MN

Scope: Geotechnical Evaluation

Duration: 2/1/06 to 2/20/06

Client: State of Minnesota, State Architects Office

Mailing Address: 301 Centennial Office Building, 658 Cedar St, St. Paul, MN 55155

Contact: Jim Scott

Title: AIA

Phone: 651.297.3464

Fax: 651.296.7650

Project Title: University of Minnesota Intermodal Transportation Center, Minneapolis, MN

Scope: Geotechnical Evaluation

Duration: 6/09 to 9/09

Client: University of Minnesota

Mailing Address: 400 Donhowe Building, 319 15th Avenue SE, Minneapolis, MN

Contact: Chuck Koncker, AIA

Title: Project Manager

Phone: 612.624.0828

Fax: 612.626.8017

Project Title: University of Minnesota TCF Bank Stadium, Minneapolis, MN

Scope: Geotechnical Evaluation, Concrete Testing Services

Duration: 9/26/06 to 2/20/07

Client: HOK Sports Facilities Group

Mailing Address: 300 Wyandotte, Suite 300 Kansas City, MO 64105

Contact: Kevin Fast

Title: Associate Principal

Phone: 816.221.1500

Fax: 816.221.1578

Project Title: MDA/MDH Orville L. Freeman Office Building

Scope: Geotechnical Evaluation, Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Fireproofing/Firestopping Testing & Inspection, Phase I ESA, Phase II ESA, Remediation Services

Duration: 7/23/04 to 8/13/04

Client: State of Minnesota/Department of Administration

Mailing Address: 309 Administration Building, 50 Sherburne Ave, St. Paul, MN 55155

Contact: Glen Metz

Title: Project Manager

Phone: 651.296.3427

Fax: 651.296.7650

Project Title: Moose Lake Correctional Facility

Scope: Construction Inspections and Testing, Pavement Testing & Inspection

Duration: 8/17/09 to Current

Client: State of Minnesota/Department of Administration

Mailing Address: 309 Administration Building, 50 Sherburne Ave, St. Paul, MN 55155

Contact: Larry Nichols

Title: Project Manager

Phone: 651.296.3427

Fax: 651.296.7650

Project Title: Opus Corporate Center Expansion, Minnetonka, MN

Scope: Geotechnical Evaluation, Soils Observations and Construction Materials Testing

Duration: 10/15/07 to 7/7/08

Client: Opus Northwest, LLC

Mailing Address: 10350 Bren Road West, Minnetonka, MN 55343

Contact: David Bangasser

Title: Senior Project Manager

Phone: 952.656.4444

Fax: 952.656.4529

Project Title: The Mist on Lake Minnetonka, Spring Park, MN

Scope: Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Fireproofing/Firestopping Testing & Inspection

Duration: 2/14/05 to 1/31/06

Client: The Cornerstone Group, Inc.

Mailing Address: 7300 Metro Boulevard, Suite 585, Edina, MN 55439

Contact: Heidi Kurtze

Title: Project Manager

Phone: 952.942.6900

Fax: 952.942.6902

Project Title: Carleton College Student Residence, Northfield, MN

Scope: Geotechnical Evaluation, Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Pavement Testing & Inspection, Fireproofing/Firestopping Testing & Inspection

Duration: 6/1/08 to 9/1/09

Client: Carleton College
Mailing Address: 242 E 5th St, Suite 2, St. Paul, MN 55101
Contact: Eric Kruse, Pegasus Group
Title: Project Manager
Phone: 507.646.4000
Fax: 507.646.5585

Project Title: Orange Ramp, HHH Terminal, Minneapolis/St. Paul International Airport, MN
Scope: Geotechnical Evaluation, Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Pavement Testing & Inspection, Fireproofing/Firestopping Testing & Inspection
Duration: 7/3/1/06 to 6/29/07
Client: Kraus-Anderson Construction Company
Mailing Address: 525 S 8th St, Minneapolis, MN 55404
Contact: Bob Carter
Title: Project Manager
Phone: 612.332.7281
Fax: 612.332.6173

Project Title: Village on Nine Mile Creek, Bloomington, MN
Scope: Concrete Testing & Inspection Services, Masonry Testing & Inspection, Pavement Testing & Inspection
Duration: 5/28/04 to 6/24/05
Client: Greco Real Estate Development
Mailing Address: 129 N 2nd St, Suite 100, Minneapolis, MN 55401
Contact: Charlie McEachron
Title: Project Manager
Phone: 612.630.2450
Fax: 612.630.2453

Project Title: Chancellor Manor Renovation
Scope: Geotechnical Evaluation, Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Fireproofing/Firestopping Testing & Inspection
Duration: 8/3/09 to 10/1/09
Client: Community Housing Development Corporation
Mailing Address: 614 N 1st St, Suite 100, Minneapolis, MN 55401
Contact: Danielle Salus
Title: Project Manager
Phone: 612.332.6264
Fax: Unknown

Project Title: Minneapolis Central Library
Scope: Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Fireproofing/Firestopping Testing & Inspection
Duration: 4/02 to 10/05
Client: City of Minneapolis
Mailing Address: 1858 East 27th Street, Minneapolis, MN 55407
Contact: H.R. "Bo" Spurrier, PE

Title: Project Manager
Phone: 612.490.2870
Fax: Unknown

Project Title: Maple Grove Hospital
Scope: Geotechnical Evaluation, Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Fireproofing/Firestopping Testing & Inspection
Duration: 3/05 to 5/08
Client: Maple Grove Hospital Corp.
Mailing Address: 5421 Feltl Road, Suite 150, Minnetonka, MN 55343
Contact: Bob Walker
Title: Owner's Representative
Phone: 952.935.5650
Fax: 952.746.9225

Project Title: MDA Proposed Parking Lot and Pond (Professional Services Master Contract #433900)
Scope: Geotechnical Services
Duration: 7/22/09 to 10/30/09
Client: State of Minnesota/Department of Administration
Mailing Address: 309 Administration Building, 50 Sherburne Ave, St. Paul, MN 55155
Contact: Ryan Allen
Title: Project Manager
Phone: 651.297.3464
Fax: 651.296.7650

Project Title: Target Field
Scope: Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Fireproofing/Firestopping Testing & Inspection
Duration: 4/07 to 10/09
Client: Minnesota Ballpark Authority
Mailing Address: 390 Grain Exchange Building, 301 4th Avenue South, Minneapolis, MN 55415
Contact: Ed Hunter
Title: Project Manager
Phone: 612.543.7175
Fax: 612.543.7273

Project Title: MCF Faribault Facility Replacement and Expansion
Scope: Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Fireproofing/Firestopping Testing & Inspection
Duration: 7/3/06 to 8/10/07
Client: State of Minnesota, State Architects Office
Mailing Address: 301 Centennial Office Building, 658 Cedar St, St. Paul, MN 55155
Contact: Bill Montgomery
Title: Project Manager
Phone: 651.296.4650
Fax: 651.296.7650

Project Title: Faribault Intake and Receiving Building

Scope: Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Fireproofing/Firestopping Testing & Inspection

Duration: Ongoing

Client: State of Minnesota, State Architects Office

Mailing Address: 301 Centennial Office Building, 658 Cedar St, St. Paul, MN 55155

Contact: Ken Bronson

Title: Project Manager

Phone: 651.297.3464

Fax: 651.296.7650

Project Title: Addition to Pexton Hall, Regional Treatment Center, St. Peter, MN

Scope: Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing

Duration: 6/1/04 to 6/19/05

Client: State of Minnesota, State Architects Office

Mailing Address: 301 Centennial Office Building, 658 Cedar St, St. Paul, MN 55155

Contact: Doug Kelley

Title: Project Manager

Phone: 651.297.3464

Fax: 651.296.7650

Project Title: Meeker County Public Works Building, Litchfield, MN

Scope: Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing

Duration: 9/1/06 to 9/1/07

Client: Meeker County

Mailing Address: 305 St. Peter St, St. Paul, MN 55101

Contact: Paul Virnig

Title: Project Manager

Phone: 320.693.5367

Fax: 320.693.5369

Project Title: Lofts of Stillwater, Stillwater, MN

Scope: Geotechnical Evaluation, Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Pavement Testing & Inspection, Fireproofing/Firestopping Testing & Inspection, Remediation Services

Duration: 2004-2007

Client: JE Dunn Construction

Mailing Address: 9855 W 78th Street, Suite 270, Eden Prairie, MN 55344

Contact: Brad Creager

Title: Project Manager

Phone: 952.830.9000

Fax: 952.830.1365

Project Title: 92-Bed Housing Expansion, Shakopee, MN

Scope: Geotechnical Evaluation, Concrete Testing & Inspection Services, Masonry Testing & Inspection, Structural Steel Testing, Pavement Testing & Inspection, Fireproofing/Firestopping Testing & Inspection

Duration: 9/4/07 to 8/22/08

Client: State of Minnesota, Department of Administration
Mailing Address: 301 Centennial Office Building, 685 Cedar St, St. Paul, MN 55155
Contact: Larry Nichols
Title: Project Manager
Phone: 651.297.3464
Fax: 651.296.7650

Project Title: Old Logging Trail Sanitation Building, St. Croix State Park
Scope: Concrete Testing, Masonry Testing & Inspection
Duration: 11/30/09 - Current
Client: Minnesota Department of Natural Resources
Mailing Address: 500 Lafayette Road, St. Paul, MN 55115
Contact: Michael Parenteau
Title: Project Manager
Phone: 612.296.6157
Fax: Unknown

Project Title: MDA/MDH Lab Air Intake Canopy
Scope: Structural Steel Observations
Duration: 9/25/09 to 10/25/09
Client: State of Minnesota/Department of Administration
Mailing Address: 309 Administration Building, 50 Sherburne Ave, St. Paul, MN 55155
Contact: Harvey Jaeger
Title: Principal Project Manager
Phone: 651.296.3427
Fax: 651.296.7650

Project Title: Ironworld Museum Repairs
Scope: Observatory Steel Inspection and Testing
Duration: 11/8/05 to 1/1/07
Client: State of Minnesota, State Architect's Office
Mailing Address: 301 Centennial Office Building, 658 Cedar St, St. Paul, MN 55155
Contact: Doug Kelley
Title: Project Manager
Phone: 651.297.3464
Fax: 651.296.7650

Project Title: Workers Memorial – State Capitol Building
Scope: Pavement Testing
Duration: 1/5/09 to 11/30/09
Client: Minnesota Department of Administration
Mailing Address: 309 Administration Building, 50 Sherburne Ave, St. Paul, MN 55155
Contact: Larry Nichols
Title: Project Manager
Phone: 651.296.2278
Fax: 651.215.6245

Project Title: Washington County Government Center
Scope: Fireproofing, Pavement Testing
Duration: Ongoing
Client: Kraus-Anderson
Mailing Address: 8625 Rendova Street NE, Circle Pines, MN 55014
Contact: Brett Baldry
Title: Project Manager
Phone: 763.786.7711
Fax: 763.786.2650

Project Title: Statewide CSAH FWD Data Collection, Minnesota
Scope: Falling Weight Deflectometer Testing
Duration: 5/1/2009 to Current
Client: Minnesota Department of Transportation, Consultant Services Section
Mailing Address: 395 John Ireland Boulevard, St. Paul, MN 55155
Contact: Melissa McGinnis
Title: Contract Administrator
Phone: 651.284.3245
Fax: N/A

Project Title: Moos Tower, University of Minnesota
Scope: Fireproofing, Anchor Load Testing
Duration: 3/21/06 to 3/24/2006
Client: Cy-Con, Inc.
Mailing Address: 360 Larpenteur Ave W, St. Paul, MN 55113
Contact: Fred Paul
Title: Project Manager
Phone: 651.488.0501
Fax: 651.488.5696

Project Title: Minnesota Veterans Home, Fort Snelling
Scope: Phase I ESA, Phase II ESA
Duration: 6/25/09 to 7/17/09
Client: State of Minnesota/Department of Administration
Mailing Address: 309 Administration Bldg, 50 Sherburne Ave, St. Paul, MN 55155
Contact: Heidi Myers
Title: Real Estate and Construction Services
Phone: 651.297.3464
Fax: 651.296.7650

Project Title: Proposed Parking Lot, 639 Jackson St, St. Paul, MN (Professional Services Master Contract #433900)
Scope: Phase II ESA, Remediation Services
Duration: 4/6/09 to 5/29/09
Client: State of Minnesota/Department of Administration
Mailing Address: 309 Administration Bldg, 50 Sherburne Ave, St. Paul, MN 55155
Contact: Heidi Myers

Title: Real Estate and Construction Services
Phone: 651.296.3464
Fax: 651.296.7650

Project Title: Central Corridor Light Rail Transit, University Corridor, Minneapolis/St. Paul, MN
Scope: Phase II ESA
Duration: 5/1/07 to 8/1/08
Client: HDR Engineering
Mailing Address: 701 Xenia Ave S, Suite 600, Minneapolis, MN 55416
Contact: Oscar Gonzalez
Title: Senior Project Manager
Phone: 763.591.5400
Fax: 763.591.5413

Project Title: Fort Riley, Kansas – Southside CAD Facilities
Scope: Mold Remediation – Peer Review
Duration: 12/15/08 to 3/31/09
Client: M.A. Mortenson Company
Mailing Address: PO Box 710, Minneapolis, MN 55440-0710
Contact: Darren Conlee
Title: Senior Project Manager
Phone: 763.522.2100
Fax: 763.287.5460

Project Title: I-35W Bridge, Minneapolis, MN
Scope: Environmental Compliance and SWPPP
Duration: 10/8/07 to 12/19/08
Client: Flatiron – Mason, a Joint Venture
Mailing Address: 155 5th Ave S, Suite 810, Minneapolis, MN 55401
Contact: Martijn Bolster
Title: Design Manager
Phone: 303.485.4050
Fax: 303.485.3922

Project Title: I-94 Managed Lane Construction
Scope: Phase I ESA and Drilling Investigation
Duration: 4/1/09 to Current
Client: Minnesota Department of Transportation
Mailing Address: 395 John Ireland Boulevard, St. Paul, MN 55155
Contact: Ashley Hartfiel
Title: Consultant Services Unit
Phone: 651.296.3000
Fax: N/A

Projects – Phase I Archeological Resources Investigation (done by 106 Group)

Project Title: Fermilab NOVA Project, St. Louis County, MN

Scope: The 106 Group worked closely with the Department of Energy, University of Minnesota, Minnesota SHPO, and a large planning team during the planning phase for the Fermilab NoVA project. Fermilab is a Department of Energy National Laboratory and, therefore, the project required completion of an Environmental Assessment Worksheet (EAW) and compliance with Section 106 of the National Historic Preservation Act. Fermilab proposed to construct a large physics detector in one of two sites in northern Minnesota. We conducted a cultural resources assessment for each site, and the results were used by Fermilab to help them select the Ash River site. The 106 Group then conducted a Phase I architectural survey and drafted a memorandum of agreement between the Department of Energy and the SHPO that allowed for the completion of the archaeological survey at a later date so that the filing schedule for the EAW would remain on track. The 106 Group completed the Phase I archaeological survey for the project the following summer, when conditions for a cost efficient and effective archaeological survey existed. We provided information and support for completion of the EAW. As planning for the Ash River site moved forward, the 106 Group completed an assessment of effects to determine the impacts of the project on a National-Register eligible logging railroad and helped the planning team to design a safe and effective access road to the site that protected the historic railroad line.

Duration: October 2005 – May 2008

Client Contact: Kelly Henry, PWS Principal Manager, Natural Resource Services

Short Elliott Hendrickson
3535 Vadnais Center Drive
St. Paul, MN 55110-5108
651-490-2146 (phone)
651-490-2150 (fax)

Project Title: Spring Lake Park, Hastings, Dakota County, Minnesota

Scope: The 106 Group was part of the 2003 Spring Lake Park Reserve Master Plan development team. Drawing upon the extant literature, archaeological data, and historical records, the 106 Group developed a Cultural Resources Stewardship Plan. The Reserve is an area rich in important archaeological sites, cultural legacy, ecological diversity, and natural beauty - it has long been referred to as the "hidden gem" of the Mississippi. Following recommendations made in the Master Plan, the 106 Group conducted a Phase I archaeological survey in the Schaar's Bluff area. Subsequently, an interpretive plan for all of Spring Lake Park Reserve, as well as a proposed Cultural Center at Schaar's Bluff, was developed. This plan is a comprehensive one; it merges architectural design with meaningful interpretation and park-wide programming. Also involved in the process are many individuals and organizations including multiple Native American communities, members from the Hmong community, the Science Museum of Minnesota, and a broad range of local, county, and federal representatives. Prior to development of a new Cultural Center and associated site planning, the 106 Group conducted additional archaeological survey of this beautiful site overlooking the Mississippi River in Dakota County. Many very significant archaeological sites survive in the park, but this portion has never been systemically surveyed.

Duration: December 2002 – June 2005

Client Contact: Craig Johnson, RLA

Park Planning/Engineering Assistant
Dakota County Parks Administration
Western Service Center
14955 Galaxie Avenue
Apple Valley, MN 55124
952-891-7983 (phone)

952-891-7097 (fax)

Project Title: Bunker Hills Regional Park Land Exchange, Andover, Anoka County, MN

Scope: The Anoka County Parks and Recreation Department plans to construct a new Public Safety Campus within Bunker Hills Regional Park for the County Sheriff's Office. The 106 Group guided the recreation department through the government regulations regarding cultural resources on land overseen by the federal government. The land identified for the proposed development is federally protected through Section 6(f)(3) of the Land and Water Conservation Fund Act of 1965. In order to use the land, it must be removed from the Land and Water Conservation Fund Act and replaced with land of equal or greater acreage. The land conversion requires licensing/permitting from the U.S. Department of the Interior and, since there was federal involvement, the project needed to comply with Section 106 of the National Historic Preservation Act, as amended, as well as other applicable state mandates governing cultural resources, including the Minnesota Field Archaeology Act. The 106 Group conducted a Phase I archaeological survey to assist the Anoka County Parks and Recreation Department with compliance to federal and state laws. During the Phase I archaeological survey one archaeological site was identified within the proposed project area. The 106 Group in consultation with SHPO recommended that the Bunker Hills East site (21AN0170) was *potentially* eligible for listing on the National Register of Historic Places and would require further evaluation in order to determine the site's eligibility. As a result, the 106 Group conducted a Phase II archaeological evaluation of Site 21AN0170. At the conclusion of the Phase II evaluation, 106 Group recommended that the site be considered not eligible for listing on the National Register of Historic Places. No further archaeological work was recommended. All materials recovered during the Phase I and II archaeological investigation were processed and cataloged to state and federal standards and curated at the Minnesota Historical Society.

Duration: February-August 2007

Client Contact: Karen Blaska
Park Planner/Landscape Architect
Anoka County Parks and Recreation
550 Bunker Lake Blvd.
Andover, MN 55304
763-767-2865 (phone)
763-755-0230 (fax)

Projects – Phase II Archeological Resources Investigation (done by 106 Group)

Project Title: County State Aid Highway 14, Centerville Redevelopment, Anoka County, Minnesota

Scope: The 106 Group worked with the Minnesota Department of Transportation (Mn/DOT) Cultural Resources Unit to complete the necessary cultural resources investigations for the County State Aid Highway (CSAH) 14 redevelopment project between I-35E and I-35W. During the Phase I architectural history survey, 42 older buildings were studied. Of these, three properties required Phase II evaluation: the St. Genevieve of Paris Catholic Church, St. Genevieve Rectory, and St. Genevieve Cemetery. The 106 Group recommended that the three properties were not eligible for listing on the National Register due to lack of historical significance. During the Phase I and II archaeological survey, The 106 Group located a portion of one previously recorded archaeological site (21AN49) and identified two new archaeological sites (21AN164 and 21AN165). Site 21AN165 was recommended as not eligible for listing in the NRHP. Phase II testing at 21AN49 and 21AN164 was completed. The portions of these sites within the CSAH 14 APE are considered not eligible for listing in the NRHP.

Duration: January-July 2005

Client Contact: Kristen Zschomler
Historian/Archaeologist
MN Department of Transportation
Office of Environmental Services
Mail Stop 620
395 John Ireland Boulevard
St. Paul, MN 55155
651-366-3633 (phone)
651-366-3603 (fax)

Project Title: Bruce Vento Nature Sanctuary at Lower Phalen Creek, St. Paul, MN

Scope: The 106 Group worked in partnership with the City of St. Paul, the National Park Service and other government agencies, and the local community in the planning and restoration of land at Lower Phalen Creek in St. Paul. This project consisted of trail construction, as well as restoration of vegetation and wetlands. There were many archaeological, historic, and cultural resources representing many centuries of human activity in this area. Significant sites included the 19th century North Star Brewery and Carver's Cave/Wakan Tipi; a cave of great significance to Native people. The 106 Group assisted the City and Federal agencies through all their historic preservation needs including drafting the Programmatic Agreement and conducting extensive Phase II archaeological studies and construction monitoring. As part of the celebration of the public acquisition for this property, Anne Ketz was interviewed by Minnesota Public Radio, Morning Edition. The National Park Service historian and compliance coordinator described the 106 Group's work as "wonderful" for this project.

Duration: September 2001 – June 2007

Client Contact: Bruce Engelbrekt
City of St. Paul
Real Estate
140 City Hall
St. Paul, MN 55102
651-266-8854 (phone)
651-266-8855 (fax)

Project Title: Duluth Air National Guard Base, St. Louis County, MN

Scope: The 106 Group conducted a Phase I and II cultural resources survey of the Duluth Air National Guard Base as part of a cultural resources management plan for the Department of Defense under that agency's responsibilities under Section 110 of the National Historic Preservation Act of 1966. The survey included property under the jurisdiction of the 148th Fighter Wing of the Minnesota Air National Guard. The cultural resources survey identified no archaeological resources within the project area. The architectural history survey recorded 48 buildings erected during the Cold War and prior to 1989, which were evaluated for historical or exceptional historical significance. One building, in the Weapons Checkout and Storage complex, was a first generation alert hangar, is recommended as eligible for listing on the National Register of Historic Places. Recommendations for managing this building were included.

Duration: June 2005 - January 2006

Client Contact: Lorraine Gross
Senior Archaeologist
Science Applications International Corp.
405 S. 8th Street
Suite 301

Boise, ID 83702
208-429-3769 (phone)
208-344-5123 (fax)

Affidavit of Noncollusion

STATE OF MINNESOTA
AFFIDAVIT OF NONCOLLUSION

Firm Name:

I swear (or affirm) under the penalty of perjury:

1. That I am the Responder (if the Responder is an individual), a partner in the company (if the Responder is a partnership), or an officer or employee of the responding corporation having authority to sign on its behalf (if the Responder is a corporation);
2. That the attached proposal, including fees when required to be part of the proposal, submitted in response to the Request for Proposals for above-referenced project has been arrived at by the Responder independently and has been submitted without collusion with and without any agreement, understanding or planned common course of action with, any other Responder of materials, supplies, equipment or services described in the Request for Proposal, designed to limit fair and open competition;
3. That the contents of the proposal have not been communicated by the Responder or its employees or agents to any person not an employee or agent of the Responder and will not be communicated to any such persons prior to the official opening of the proposals; and
4. That I am fully informed regarding the accuracy of the statements made in this affidavit.

Responder's Firm Name: Braun Intertec Corporation

Authorized Signature: *[Handwritten Signature]*

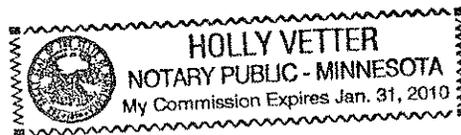
Date: 12/11/09

Subscribed and sworn to me this 11th day of Dec. 2009

Notary Public *Holly Vetter*

My commission expires: 1/31/10

(Rev. 12/00)



Affirmative Action Certificate

BOX A – For companies which have employed more than 40 full-time employees within Minnesota on any single working day during the previous 12 months. All other companies proceed to BOX B.

Your response will be rejected unless your business:

- has a current Certificate of Compliance issued by the Minnesota Department of Human Rights (MDHR)
- or–
- has submitted an affirmative action plan to the MDHR, which the Department received prior to the date and time the responses are due.

Check one of the following statements if you have employed more than 40 full-time employees in Minnesota on any single working day during the previous 12 months:

- We have a current Certificate of Compliance issued by the MDHR. **Proceed to BOX C. Include a copy of your certificate with your response.**
- We do not have a current Certificate of Compliance. However, we submitted an Affirmative Action Plan to the MDHR for approval, which the Department received on _____ (date). [If the date is the same as the response due date, indicate the time your plan was received: _____ (time). **Proceed to BOX C.**
- We do not have a Certificate of Compliance, nor has the MDHR received an Affirmative Action Plan from our company. **We acknowledge that our response will be rejected. Proceed to BOX C. Contact the Minnesota Department of Human Rights for assistance.** (See below for contact information.)

Please note: Certificates of Compliance must be issued by the Minnesota Department of Human Rights. Affirmative Action Plans approved by the Federal government, a county, or a municipality must still be received, reviewed, and approved by the Minnesota Department of Human Rights before a certificate can be issued.

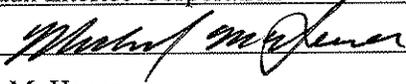
BOX B – For those companies not described in BOX A

Check below.

- We have not employed more than 40 full-time employees on any single working day in Minnesota within the previous 12 months. Proceed to **BOX C.**

BOX C – For all companies

By signing this statement, you certify that the information provided is accurate and that you are authorized to sign on behalf of the responder. You also certify that you are in compliance with federal affirmative action requirements that may apply to your company. (These requirements are generally triggered only by participating as a prime or subcontractor on federal projects or contracts. Contractors are alerted to these requirements by the federal government.)

Name of Company: Braun Intertec Corporation Date December 11, 2009
 Authorized Signature:  Telephone number: 952.995.2258
 Printed Name: Michael M. Heuer Title: Vice President

For assistance with this form, contact:

Minnesota Department of Human Rights, Compliance Services Section

Mail: 190 East 5th St., Suite 700 St. Paul, MN 55101 TC Metro: (651) 296-5663 Toll Free: 800-657-3704
 Web: www.humanrights.state.mn.us Fax: (651) 296-9042 TTY: (651) 296-1283
 Email: employerinfo@therightsplace.net

STATE OF MINNESOTA



CERTIFICATE

OF COMPLIANCE

The Braun Intertec Corporation

is hereby certified by the Department of

Human Rights, State of Minnesota, as having an affirmative action plan approved by the
Commissioner. This certification shall extend for two years beginning December 8, 2008

and is subject to revocation or suspension by the Commissioner of Human Rights for
failure to make a good faith effort to implement the affirmative action plan.

Commissioner of Human Rights

Location of Service

STATE OF MINNESOTA
LOCATION OF SERVICE DISCLOSURE AND CERTIFICATION
LOCATION OF SERVICE DISCLOSURE

Check all that apply:

- The services to be performed under the anticipated contract as specified in our proposal will be performed ENTIRELY within the State of Minnesota.
- The services to be performed under the anticipated contract as specified in our proposal entail work ENTIRELY within another state within the United States.
- The services to be performed under the anticipated contract as specified in our proposal will be performed in part within Minnesota and in part within another state or states within the United States.
- The services to be performed under the anticipated contract as specified in our proposal DO involve work outside the United States. Below (or attached) is a description of
 - (1) the identity of the company (identify if subcontractor) performing services outside the United States;

 - (2) the location where services under the contract will be performed; _____

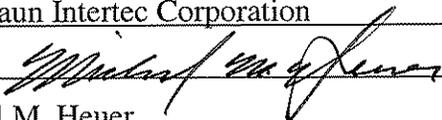
 - (3) the percentage of work (in dollars) as compared to the whole that will be conducted in each identified foreign location. _____

- Attachment enclosed at (state where): _____

CERTIFICATION

By signing this statement, I certify that the information provided above is accurate and that the location where services have been indicated to be performed will not change during the course of the contract without prior, written approval from the State of Minnesota.

Name of Company: Braun Intertec Corporation

Authorized Signature: 

Printed Name: Michael M. Heuer

Title: Vice President

Date: 12/11/09 Telephone Number: 952.995.2258

State of Minnesota — Immigration Status Certification

By order of the Governor's Executive Order 08-01, vendors and subcontractors MUST certify compliance with the Immigration Reform and Control Act of 1986 (8 U.S.C. 1101 et seq.) and certify use of the *E-Verify* system established by the Department of Homeland Security.

E-Verify program information can be found at <http://www.dhs.gov/ximgtn/programs>.

If any response to a solicitation is or could be in excess of \$50,000, vendors and subcontractors must certify compliance with items 1 and 2 below. In addition, prior to the delivery of the product or initiation of services, vendors MUST obtain this certification from all subcontractors who will participate in the performance of the contract. All subcontractor certifications must be kept on file with the contract vendor and made available to the state upon request.

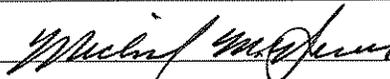
1. The company shown below is in compliance with the Immigration Reform and Control Act of 1986 in relation to all employees performing work in the United States and does not knowingly employ persons in violation of the United States immigration laws. The company shown below will obtain this certification from all subcontractors who will participate in the performance of this contract and maintain subcontractor certifications for inspection by the state if such inspection is requested; and

2. By the date of the delivery of the product and/or performance of services, the company shown below will have implemented or will be in the process of implementing the *E-Verify* program for all newly hired employees in the United States who will perform work on behalf of the State of Minnesota.

I certify that the company shown below is in compliance with items 1 and 2 above and that I am authorized to sign on its behalf.

Name of Company: Braun Intertec Corporation

Date: 12/11/09

Authorized Signature: 

Telephone Number: 952.995.2258

Printed Name: Michael M. Heuer

Title: Vice President

If the contract vendor and/or the subcontractors are not in compliance with the Immigration Reform and Control Act, or knowingly employ persons in violation of the United States immigration laws, or have not begun or implemented the *E-Verify* program for all newly hired employees in support of the contract, the state reserves the right to determine what action it may take. This action could include, but would not be limited to cancellation of the contract, and/or suspending or debaring the contract vendor from state purchasing.

For assistance with the *E-Verify* Program

Contact the National Customer Service Center (NCSC) at **1-800-375-5283** (TTY 1-800-767-1833).

For assistance with this form, contact:

Mail: 112 Administration Bldg, 50 Sherburne Ave. St. Paul, MN 55155

E-mail: MMDHelp.Line@state.mn.us

Telephone: 651.296.2600

Persons with a hearing or speech disability may contact us by dialing 711 or 1.800.627.3529

Insurance Certificate

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 08/26/2009

PRODUCER (651)621-8980 FAX (651)621-8989
Dennis J. Linder & Associates
an affiliate of American Agency Inc
731 Bielenberg Drive Suite 204
Woodbury, MN 55125
INSURED Braun Intertec Corporation
Braun Intertec Great Lakes, Inc.
11001 Hampshire Avenue S
Minneapolis, MN 55438

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

Table with 2 columns: INSURERS AFFORDING COVERAGE, NAIC #. Rows include Valley Forge Insurance Company (20508), National Fire Ins Co of Hartford (20478), and Valley Forge Insurance Company (20508).

COVERAGES

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. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Main table with columns: INSR ADD'L LTR INSRD, TYPE OF INSURANCE, POLICY NUMBER, POLICY EFFECTIVE DATE, POLICY EXPIRATION DATE, LIMITS. Includes sections for General Liability, Automobile Liability, Garage Liability, Excess/Umbrella Liability, Workers Compensation, and Other Envr Engrs/Cons Prof Liab.

SPECIMEN

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER
Master

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, AUTHORIZED REPRESENTATIVE

Responder's Qualifications

Assisting public and private organizations and property owners with site evaluations, site preparation recommendations and construction support services has been at the heart of Braun Intertec for 52 years. Our multi-disciplinary approach and wealth of resources enable us to find cost-effective solutions while providing you with timely, quality service. Our more than 400 employees represent multiple technical disciplines including geotechnical engineering, construction materials testing, special inspections, environmental consulting, and facilities evaluations.

Highlighted Services

Phase I Environmental Site Assessments

Braun Intertec conducts hundreds of Phase I Environmental Site Assessments each year. We understand that potential liabilities are our clients' greatest concerns, and that this report is critical to financing commercial transactions. By objectively and thoroughly conducting Phase I Environmental Site Assessments, we can identify and evaluate the potential or actual environmental hazards associated with a site and make recommendations that address concerns.

Phase II Environmental Site Assessments

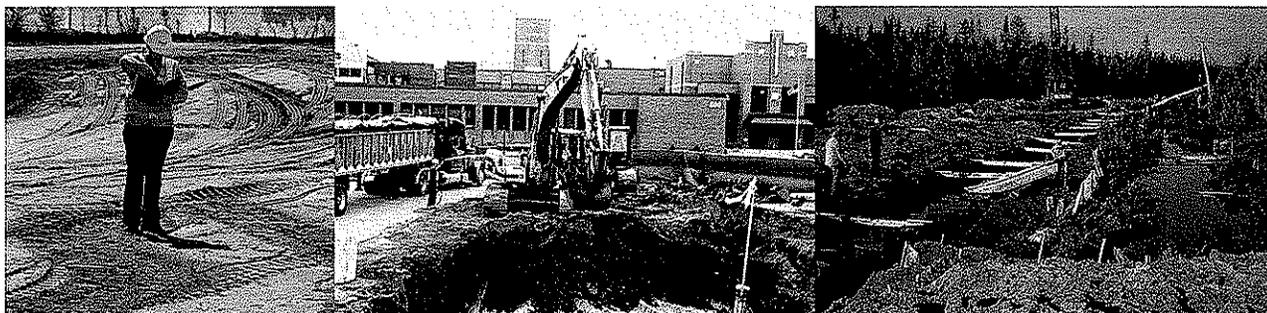
Braun Intertec provides Phase II Environmental Site Assessments when a site's previous uses indicate the potential for contamination of soil or groundwater. We have full-service laboratories and quality drilling services to perform site investigations.

In most instances, a Phase II Environmental Site Assessment includes placing soil borings in areas of suspected contamination and chemical analysis of soil samples. If groundwater is close to the surface or if contamination exists near the water table, groundwater monitoring wells may be necessary to fully define environmental impacts.

If environmental hazards are found at a site, Braun Intertec will work with the property owner or prospective purchaser to develop a plan to clean up contamination. We will notify and meet with regulatory agencies and will provide cost-effective cleanup, if needed. With a well-designed investigation and cost-effective remedial action plan, undevelopable land becomes developable.

Remediation

Braun Intertec professionals have a proven track record for making sound recommendations while consulting with clients on environmental projects. Geologists, hydrogeologists, soil scientists, engineers and biologists are constantly called upon for advice such as installation of monitoring wells, environmental health and safety requirements, sampling requirements and regulatory permitting.



Clients often retain Braun Intertec to evaluate which remedial technologies are most appropriate and cost-effective. Most remediation systems require proper maintenance year-round in order to be effective. Braun Intertec professionals have identified and solved many operational problems typically associated with treatment systems and have developed maintenance procedures that are in demand by contractors and consultants. Thus, Braun Intertec professionals understand the design, construction, implementation and operation of environmental restoration systems through years of experience.

We have extensive project experience related to regulatory compliance services, site assessment and remediation services, including underground storage tank sites and pre-purchase property transfer sites, construction permitting and field services.

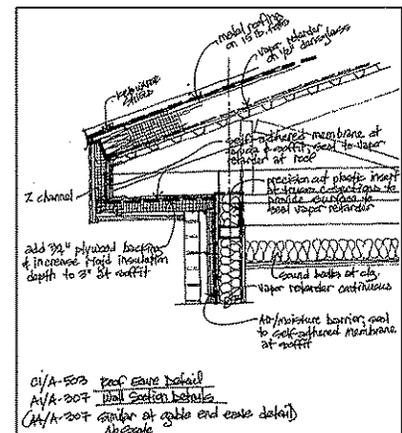
Hazardous Materials Condition Assessment

Braun Intertec conducts hazardous building material assessments of the buildings to identify potentially hazardous building materials that may impact building occupancy and/or that require separate handling and/or disposal prior to building renovation/demolition. Our assessments are conducted by experienced and accredited asbestos building inspectors. Our services include:

- Visually examining accessible areas and identify the locations of suspect asbestos-containing material (ACM), lead, poly-chlorinated biphenyls (PCB), mercury, and other miscellaneous hazardous building materials.
- Collecting and analyzing representative bulk samples of materials suspected of containing asbestos.
- Conducting lead-based paint testing of deteriorated painted surfaces suspected of containing lead. The testing typically is accomplished using a Niton X-ray fluorescence (XRF) spectrum analyzer.
- Documenting the various materials' current conditions.
- Generating a final report documenting the sample locations, analysis results, conditions, and recommendations.
- Preparing an engineer's estimate of the probable costs for the removal and disposal of identified hazardous building materials.

Building Science Services

- Forensic Investigations
- Property Condition Assessments
- Building Envelope Commissioning
 - Design Review
 - Pre-Construction Coordination
 - Technical Assistance to Designers and Contractors
 - Bid/Submittal Evaluations
 - Construction Inspection
 - Field Testing
 - Final Acceptance Testing



Building Envelope Commissioning

Building Envelope Commissioning is a quality assurance/quality control process that provides exceptional value to our clients. Our review, inspection, and testing procedures encourage higher quality design and construction which significantly reducing water infiltration, condensation, mold growth, and indoor air quality issues in buildings. We encourage owners, designers, and contractors to engage our team during early stages of design to work with the architect on development of wall, window, and roofing systems. Our knowledge of air barriers, insulation, flashing materials, and exterior claddings allows us to provide technical assistance to ensure weather tight structures that properly drain water out and allow wall cavities to breathe. Periodic inspection and testing during construction will provide a level of quality control that leads to better performing buildings.

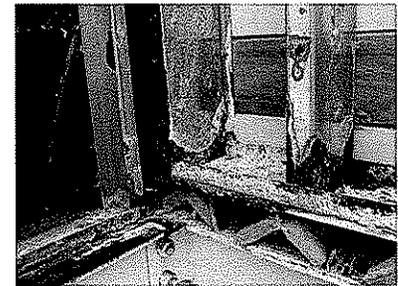
Infrared Thermography

Infrared (IR) thermography is one of the tools we have available to analyze existing structures for air leaks, water infiltration, or condensation in walls and roof assemblies. IR thermography is also a valuable tool for examining exterior walls, windows, and roofs in older buildings to determine the effectiveness of existing insulation, and thermal properties of windows, doors and skylights.



Forensic Investigation Services

Our staff architects and building scientists have years of experience investigating water infiltration, condensation, and mold issues in existing buildings. Water infiltration issues occur in exterior cladding systems like stucco or EIFS systems, windows, roof membranes, and foundations. Our team of experts can identify the source and extent of infiltration damage as well as develop detailed recommendations for repairing damage.



Geotechnical Engineering and Consulting

Since 1957, Braun Intertec has been providing geotechnical support services to project owners, contractors, engineers and architects during all phases of a project. Our engineers play a key role in the early stages of the project by providing reliable expert analysis and recommendations based on years of geotechnical and project experience. We believe it is critical to have knowledgeable engineering and field personnel to coordinate testing activities, anticipate potential problems, provide feasible recommendations and work with contractors and control budgets. Services include:

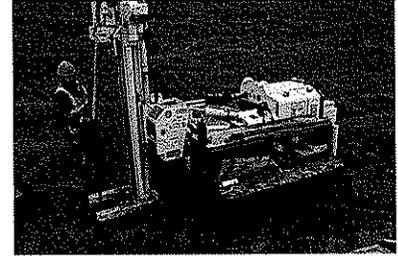
- Drilling
- Site reconnaissance and preliminary evaluation
- Geotechnical field exploration
- Analysis of alternative foundation systems
- Quality program development
- Testing and inspections program development
- Excavation observations



- Soil density and compaction testing
- Drilled pier observation
- Vibration monitoring

Drilling Services

Drilling has been at the core of Braun Intertec services for five decades. We have established a reputation for high quality, quick response and competitive pricing. We have achieved this by employing qualified, HAZMAT-certified staff; using well-maintained equipment; responding to client needs for fast, competitive service with flexible scheduling; and providing a full scope of specialized drilling services.



Our crews have a broad understanding of drilling procedures and specifications, including American Standards of Testing Materials (ASTM), Occupational Safety and Health Association (OSHA), and Environmental Protection Agency (EPA) and various state requirements for projects involving complex geotechnical evaluations for construction and analysis of buildings and infrastructures. In addition, crewmembers receive regular training to maintain and expand their knowledge of safety, soils classification and drilling techniques.

Using the largest drilling fleet in the area — a total of 19 drill rigs — we provide a wide range of soil, rock, and environmental drilling services on virtually any terrain. The drilling fleet includes nine truck mounts, four four-wheel drive flotation-tire carriers, three track carriers, one skid-mounted auger drill rig, one track-mounted Geoprobe® rig and one track-mounted CPT rig. With this equipment virtually any site is accessible, including inside existing buildings or over water.

Cone Penetration Testing (CPT)

Braun Intertec recently expanded its CPT capabilities with the purchase of a dedicated CPT rig. This new rig allows us to access depths and subsurface conditions that were not previously available. It allows for more efficient and effective operation by increasing productivity, often triple that of Standard Penetration Test (SPT) drilling. We can collect geotechnical data more quickly, accurately and safely.

The rig weighs more than 20 tons, fits two people, is fully enclosed and climate-controlled, and has a sink, cabinets, and outlets for electronics and equipment. The CPT equipment is pushed into the ground from the 8x10 rig cabin. CPT technology is particularly effective and economical with building and roadway projects, and for soft foundations supporting large fills, heavy structures and embankments.

Services include:

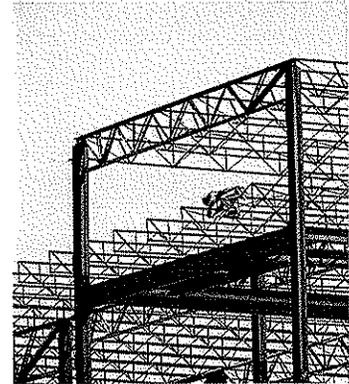
- Air and mud rotary methods
- Direct push soil and groundwater sampling
- Downhole hammer and video logging
- Extensometer installation
- GPS located borings
- Hollow stem auger boring
- Lysimeter installation



- Laser level elevations
- Monitoring well installation
- Packer (rock permeability) testing
- Pressuremeter testing
- Slope inclinometer installation/monitoring
- Thinwalled tube sampling to 5 inches diameter
- Vane shear testing
- Well development and pump testing
- N, H & PQ size wireline rock coring

Construction Materials Testing/Special Inspection Services

During construction, our experienced field personnel work with the owners, engineers and architects to help assure proper coordination of quality control services and prompt communication between the various partners to minimize conflict and enhance progress. Braun Intertec retains highly qualified and the most experienced field staff to conduct construction materials testing, structural steel and construction observation to provide overall quality control on the construction site.



Certifications

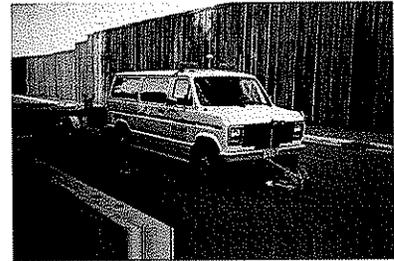
Our concrete technicians are certified through the American Concrete Institute (ACI) program. Bituminous technicians are certified by attending Minnesota Department of Transportation training courses. All nondestructive examination and testing technicians are certified by the American Society for Nondestructive Testing (ASNT) and the American Welding Society (AWS). All Braun Intertec inspectors are certified by the International Code Council (ICC). Certification as a special inspector is received only after completing comprehensive and rigorous testing by ICC.

Through this program, Braun Intertec currently has 42 certified special inspectors on staff with 82 special inspection certifications for the five special inspection areas offered by ICC. Initiation of ICC certification is motivated by our commitment to you, the client, to provide the most qualified personnel for special inspection duties. Our staff evaluates a wide range of materials and products, and each testing program is tailored to the client's needs. Services include:

- Physical testing on materials including concrete and bituminous pavement, and various building materials
- Nondestructive testing and structural steel testing and observation
- Evaluation of in-place building materials such as parking structures, floors in parking structures, floors in industrial buildings, and bituminous mixtures in pavements
- Wood truss inspection
- Window testing
- Fire rating testing
- Failure and forensic evaluation

Pavement Management

During the past 35 years, a new field of study, applied pavement science, has been developing. Guesswork has been replaced by reliable methods for evaluating, designing, managing and maintaining pavements.



Braun Intertec engineers can provide you with the pavement management consulting that you need with the most up to date technologies. We can provide comprehensive services in:

- Automated pavement surface condition ratings
- Consulting on pavement design and maintenance
- Materials testing and evaluation
- Pavement evaluation
- Pavement Management using software

We have also built a national reputation as a source of expert advice on pavement evaluation, design, management and maintenance throughout the United States. We serve clients in several markets — municipal, county and state highway officials; airport pavement managers; and owners of parking lots and other pavements.

Petrography Services

Braun Intertec performs petrographic analysis of a variety of materials. These materials include cementitious materials such as concrete, mortar, grout, terrazzo and stucco, as well as analysis of aggregates (rock and sand) for use in concrete or for economic use. Petrography can be used to troubleshoot many problems prior to construction, during construction or in post-construction. The tools we use to evaluate the materials include, but are not limited to, stereo microscopes, polarized light microscopes and x-ray diffractometer. The samples are examined with the naked eye and can be evaluated at the atomic level. We are able to estimate the water-to-cement ratio the concrete was placed at, as well as calculate the hardened air content and the parameters of the air void system (spacing factor, specific surface, etc.). Observations are made on the type and extent of microcracking or macrocracking, secondary deposits, paste color, paste hardness, type and distribution of aggregates, location and condition of reinforcement and many other physical characteristics.



Petrography can aid in determining the causation of material-related distress which could be due to source materials, production, placement, finishing, curing or post-construction issues. Often, the cause of the distress is caused by a combination of issues rather than just one root cause. Petrography can also be utilized at the production facility to evaluate current and trial mixture proportions as well as the hardened physical properties of these mixtures. This can help avoid problems before a product is placed on the market.

Nondestructive Examination

The Braun Intertec Nondestructive Examination department (NDE) is equipped to meet your needs with a staff of people fully capable to provide a wide range of NDE services. Field and laboratory services include:

- Computerized Radiography (CR)
- Forensic X-ray Services
- Ground Penetrating Radar (GPR)
- Industrial and Architectural Coatings
- Thermography
- Level III consulting services
- Welder Performance/welding procedure qualifications
- Visual – API, AWS-CWI, ICC
- Liquid penetrant
- Magnetic particle
- Metallurgical services
- Positive material identification (PMI)
- Radiography (X-ray, Iridium 192, Cobalt 60)
- Ultrasonics



At Braun Intertec, we have the experience to back our reputation for the highest quality nondestructive examination services. This experience is critical in NDE because interpretation of the results is as important as accuracy in obtaining the information. Our NDE department can help clients:

- Meet contractual requirements
- Meet requirements of commercial and industry codes and specifications
- Control costs and avoid expensive processing by identifying problems and unsatisfactory components
- Identify remaining life and retirement requirements through in-service inspections

Subcontractor – The 106 Group

Braun Intertec will use 106 Group to provide the following services:

- Phase I Archeological Resources Investigation
- Phase II Archeological Resources Investigation

The 106 Group is a recognized national leader in cultural resources management and planning and interpretation. 106 Group is certified as a Disadvantaged Business Enterprise (DBE) under 49 Code of Federal Regulations, Part 26 (49 CFR 26), with the Small Business Procurement Program of the State of Minnesota, and as a small-and woman-owned business enterprise (S/WBE) with the Central Certification (CERT) program for St. Paul, Minneapolis, Ramsey County, and Hennepin County.

MICHAEL M. HEUER, PE

Vice President/Principal Engineer

Education

B.C.E.
University of Minnesota
1978

Professional Registrations

MN Professional Engineer No.
15571

MI Professional Engineer No.
43988

IA Professional Engineer
No. 17827

ND Professional Engineer
No. PE-6093

Professional Affiliations

American Society of Civil
Engineers

Minnesota Geotechnical
Society

International Code Council

American Council of
Engineering Companies
of Minnesota

Mr. Heuer is a Vice President in charge of overseeing the implementation of company-wide strategic initiatives. He also holds the position of Corporate Compliance Officer and Corporate Risk Manager. Operationally, he is responsible for developing project-specific teams and scopes of work to provide the services our clients need to achieve their geotechnical and construction-related goals. Mr. Heuer has reviewed more than 4,000 geotechnical evaluations and construction-related reports during his career. He has presented papers on a number of projects with challenging site conditions and co-authored an article for the ASCE Civil Engineering magazine.

Mr. Heuer holds a Bachelor of Civil Engineering from the University of Minnesota.

Project Experience

Mike has been the Geotechnical Engineer-of-Record and/or project construction testing manager for Braun Intertec on many challenging projects. In this role, he has been part of or overseen projects using many different foundation systems and structural systems. Summarized below is a sampling of these projects.

- *Mall of America, Phase I and II, Bloomington, MN*
- *Target Center, Minneapolis, MN*
- *Science Museum of Minnesota, St. Paul, MN*
- *Canterbury Park, Shakopee, MN*
- *TAD 394 Parking Garages, Minneapolis, MN*
- *Minnesota Twins Ballpark, Minneapolis, MN*
- *IKEA, Bloomington, MN*
- *University of Minnesota TCF Bank Football Stadium, Minneapolis, MN*
- *City of Minneapolis Central Library, Minneapolis, MN*
- *State of Minnesota Department of Revenue Building, St. Paul, MN*
- *University of Minnesota Mariucci Hockey Arena, Minneapolis, MN*
- *University of Minnesota Williams Arena Expansion, Minneapolis, MN*
- *Lincoln Center, Minneapolis, MN*
- *University of Minnesota Riverbend Commons, Minneapolis, MN*
- *University of Minnesota Veterinary Medicine Building, St. Paul, MN*
- *Minneapolis Convention Center Leamington Parking Ramp, Minneapolis, MN*
- *University of Minnesota Hubert H. Humphrey Public Affairs Building, Minneapolis, MN*
- *North Memorial Hospital Complex, Maple Grove, MN*
- *University of Minnesota Arts Teaching and Research Facility, Minneapolis, MN*
- *University of Minnesota Carlson School of Management, Minneapolis, MN*
- *University of Minnesota Women's Soccer Facility, St. Paul, MN*
- *University of Minnesota Plant Growth Facility, St. Paul, MN*
- *University of Minnesota Microbial & Plant Genomics Facility, St. Paul, MN*

- *University of Minnesota Women's Softball Facility, Minneapolis, MN*
- *University of Minnesota Middlebrook Hall Expansion, Minneapolis, MN*
- *University of Minnesota Roy Wilkens Hall, Minneapolis MN*
- *University of Minnesota Coffman Memorial Union Renovation, Minneapolis, MN*
- *University of Minnesota Molecular & Cellular Biology Facility, Minneapolis, MN*
- *University of Minnesota Center for Magnetic Resonance Research, Minneapolis, MN*

Conflicts of Interest

Braun Intertec has no relationships that create, or appear to create, a conflict of interest with the work that is contemplated in this RFP.

To the best of our knowledge and belief, there are no relevant facts or circumstances that could give rise to organizational conflicts of interest.

Corporate Signer

SECRETARY'S CERTIFICATE

I, Jodi D. Norman, do hereby certify to as follows:

I am the Secretary of Braun Intertec Corporation, a corporation organized and existing under the laws of the state of Minnesota (the "Company").

The attached is a true and correct excerpt of the minutes of meeting of the Board of Directors of Braun Intertec Corporation on June 11, 2009. Said minutes are maintained in corporate records and are currently in full force and effect.

IN WITNESS WHEREOF, I have executed this Secretary's Certificate this 2nd day of December, 2009.



Jodi D. Norman
Secretary

**MINUTES OF MEETING OF
BOARD OF DIRECTORS OF
BRAUN INTERTEC CORPORATION**

A regular meeting of the Board of Directors of Braun Intertec Corporation was held on June 11, 2009, at 11 a.m. in the offices of Braun Intertec located in the city of White Bear Lake, Minnesota, pursuant to a notice duly given. The following directors were present:

Jon Carlson
Robert Janssen
George Kluempke
Steven Nagle

Mark Payne
Roger Santelman
Ann Schrader
Jay Sleiter

Also present were Braun Intertec officers Scott Barnard, CFO, and Jodi Norman, Corporate Secretary; and Juli Durda, Director of Human Resources.

A quorum being present, the meeting was called to order. Director Schrader acted as Chair of the meeting. The Minutes of the regular meeting of the Board held on April 23, 2009, were read and approved.

The following were duly nominated and were, upon unanimous vote (from which the appointee abstained from voting) elected or reaffirmed as officers of Braun Intertec Corporation to serve until their successors are elected and have qualified, or until the earlier death, resignation, removal, or disqualification:

Jon A. Carlson	Chief Executive Officer
Robert J. Janssen	President
George D. Kluempke	Executive Vice President
Charles R. Brenner	Vice President
Michael M. Heuer	Vice President
Ray A. Huber	Vice President
Gregg R. Jandro	Vice President
Steven P. Nagle	Vice President
Scott C. Barnard	Chief Financial Officer
Jodi D. Norman	Secretary

Several other items of general interest, but requiring no Board action, were discussed. There being no further business before the meeting, upon motion duly made, seconded, and unanimously resolved, the meeting was adjourned.

Jodi D. Norman, Secretary

SECRETARY'S CERTIFICATE

I, Jodi D. Norman, do hereby certify to as follows:

I am the Secretary of Braun Intertec Corporation, a corporation organized and existing under the laws of the state of Minnesota (the "Company").

The attached is a true and correct excerpt of the Restated By-laws of Braun Intertec Corporation. Said By-laws are maintained in corporate records and are currently in full force and effect.

IN WITNESS WHEREOF, I have executed this Secretary's Certificate this 2nd day of December, 2009.



Jodi D. Norman
Secretary

- (ii) The material facts as to the contract or transaction as to the director's or directors' interest are fully disclosed or known to the shareholders and the contract or transaction is approved in good faith by the holders of a majority of the outstanding shares, but shares owned by the interested director or directors shall not be counted in determining the presence of a quorum and shall not be voted; or
 - (iii) The material facts as to the contract or transaction and as to the director's or directors' interest are fully disclosed or known to the Board or a committee, and the Board or committee authorizes, approves, or ratifies the contract or transaction in good faith by a majority of the Board or committee, but the interested director or directors shall not be counted in determining the presence of a quorum and shall not vote; or
 - (iv) The contract or transaction is a "distribution" described in Minn. Stat. Sec. 302A.61, Subd. 1 or Subd. 2.
- (b) Material Financial Interest. For purposes of this Section 4.23:
- (i) A director does not have a material financial interest in a resolution fixing the compensation of such director or fixing the compensation of another director as a director, officer, employee, or agent of the Corporation, even though the first director is also receiving compensation from the Corporation; and
 - (ii) A director has a material financial interest in each organization in which the director, or the spouse, parents, children and spouses of children, brothers and sisters and spouses of brothers and sisters of the director, or any combination of them have a material financial interest.

If there is any conflict between the Code of Business Conduct and this Section 4.23, this Section 4.23 shall control.

SECTION 5. OFFICERS

5.1 Generally. The Corporation shall have as its officers a Chief Executive Officer, President, one or more Vice-Presidents, a Secretary, a Chief Financial Officer, and such other officers, assistant officers and agents as the Board of Directors deems necessary for the operation and management of the Corporation, each of whom shall have the powers, rights, duties, responsibilities, and terms in office provided for in these By-Laws or, for offices established by the Board, as determined by Board resolution. Each officer shall be a natural person. Any number of offices may be held by the same person. Officers need not be directors or shareholders of the Corporation, except as provided in Section 5.8 below.

5.2 Election and Term of Office. The officers of the Corporation shall be elected by the Board of Directors at its regular meeting, and shall hold office until the next regular meeting of the Board and until their successors are elected and have qualified, or until the earlier death, resignation, removal, or disqualification of an officer.

5.3 Resignation. An officer may resign at any time by giving written notice to the Corporation. The resignation is effective without acceptance when the notice is given, unless a later effective date is specified in the notice.

5.4 Removal. An officer may be removed at any time, with or without cause, by a resolution approved by the affirmative vote of a majority of the directors present at a validly called meeting of the Board of Directors. Removal shall be without prejudice to contractual rights, if any, held by an officer.

5.5 Vacancies. A vacancy in an office because of death, resignation, removal, disqualification, or other cause, shall be filled for the unexpired portion of the term by prompt action of the Board of Directors.

5.6 Chief Executive Officer. In the absence or disability of the Chair, the Chief Executive Officer shall preside at all meetings of the Board of Directors and of the shareholder. The Chief Executive Officer shall have overall responsibility for the general management of the business of the corporation and shall see that all orders and resolutions of the Board of Directors are carried into effect. The Chief Executive Officer shall execute bonds, mortgages and other contracts, except where required or permitted by law to be otherwise signed and executed and except where the signing and execution thereof shall be expressly delegated by the Board of Directors to some other officer or agent of the corporation. In the event of absence or disability of the Chief Executive Officer, the President shall succeed to the Chief Executive Officer's powers and duties until the Chief Executive Officer shall resume his or her duties or until a new Chief Executive Officer is appointed by the Board.

5.7 President. The President shall have responsibility for the day-to-day business of the Corporation; shall generally assist the Chief Executive Officer; shall perform such other duties as delegated by the Chief Executive Officer or as prescribed by the Board; and, in general, shall perform all duties usually incident to the office of the President not otherwise performed by the Chief Executive Officer.

5.8 Chief Operating Officer. The Board of Directors may designate a Chief Operating Officer. The Chief Operating Officer shall have the responsibilities and duties as set forth by the Board of Directors or the Chief Executive Officer or, in the absence of the Chief Executive Officer, the President.

5.9 Vice President. Each Vice President shall have such powers and shall perform such duties as may be specified by the Board of Directors. In the event of absence or disability of the President, respective Vice Presidents shall succeed to the President's powers and duties in the order in which they are elected or as otherwise prescribed by the Board, until the President shall resume his duties or until a new President is elected by the Board. A Vice President who is not a director shall not succeed to the powers and duties of the President.

5.10 Secretary. The Secretary shall serve as secretary of and shall attend and record the proceedings of all meetings of the shareholders of the Corporation and all meetings of the Board of Directors; shall maintain a register of the names and addresses of all shareholders of the Corporation; shall maintain to date and have custody of the permanent minute book and records of the Corporation; shall have custody of and affix the corporate seal, if any, where appropriate; shall attest to and certify any corporate documents and instruments; shall give notice and provide proof of notice of meetings and other proceedings of the shareholders and the Board in accordance with law and these By-Laws; shall, together with the Chief Executive Officer, sign certificates for shares and other securities of the Corporation authorized for issuance by the Board; shall have general responsibility for the transfer of shares and

maintenance of the share transfer records of the Corporation; shall perform such other duties as may from time to time be prescribed by the Board or the Chief Executive Officer; and, in general, shall perform all duties usually incident to the office of Secretary.

5.11 Chief Financial Officer. The Chief Financial Officer of the Corporation and shall keep accurate financial records for the Corporation; shall deposit all money, drafts, and checks in the name of and to the credit of the Corporation in the banks and depositories designated by the Board of Directors; shall endorse for deposit all notes, checks, and drafts received by the Corporation as ordered by the Board, making proper vouchers therefor; shall disburse corporate funds and issue checks and drafts in the name of the Corporation, as ordered by the Board; shall render to the Chief Executive Officer and the Board, whenever requested, an account of all transactions and of the financial condition of the Corporation; shall perform such other duties as may from time to time be prescribed by the Chief Executive Officer or the Board; and, in general, shall perform all duties usually incident to the office of Chief Financial Officer.

5.12 Assistant Officers. If the Board of Directors shall establish and appoint assistant vice presidents, assistant secretaries, or assistant treasurers, such assistant officers shall have such powers and shall perform such duties as may be delegated to them by the Board, but each shall be subordinate to the principal officer to which such assistant officer is designated to assist. In the event of absence or disability of any Vice President, Secretary, or Chief Financial Officer, respective assistant officers shall succeed to the powers and duties of such principal officer in the order in which they are elected or as otherwise prescribed by the Board, until such principal officer shall resume his duties or until a replacement is elected by the Board.

5.13 Delegation. Except as may be prohibited by these By-Laws or by Board resolution, an officer may, without Board approval, delegate some or all of such officer's duties and powers to other persons. An officer who delegates the duties or powers of an office remains subject to the standard of conduct for an officer imposed by law with respect to the discharge of all duties and powers so delegated.

5.14 Salaries and Contract Rights. Salaries and other compensation to officers, if any, shall be fixed from time to time by the Board. Nothing in this section shall be construed to preclude an officer from receiving a salary by reason of the fact that he is also serving the Corporation in a paid or unpaid capacity as director, consultant, or other capacity. The election or appointment of a person as an officer or agent of the Corporation shall not, of itself, create contract rights. The Corporation may enter into a contract with an officer or agent for a period of time if, in the judgment of the Board, such contract is in the Corporation's best interests. The fact that a contract may be for a term longer than the terms of the election or appointment of an officer, or for a term longer than the terms of the directors who authorized or approved the contract, shall not make the contract void or voidable.

SECTION 6. SHARES AND SHARE TRANSFER

6.1 Subscriptions. Subscriptions for shares shall be in writing and shall be signed by the subscribers. Each subscription for shares shall be irrevocable for a period of six (6) months, unless the subscription agreement provides for an earlier revocation or unless all persons holding subscriptions and all persons holding shares consent in writing to an earlier revocation.

6.2 Consideration. Shares may be issued for any consideration, including, without limitation, money or other tangible or intangible property received by the Corporation or to be received by the Corporation under a written agreement, or services rendered to the Corporation or to be rendered to the Corporation under a written agreement, as authorized by resolution approved by valid Board action or



Schedule of Charges (effective May 1, 2009)

State of Minnesota

Department of Administration

Division of State Building Construction

State Vendor #1145183

The rates listed in the following schedule of charges, dated for **2009** fee schedule, will be discounted **at least 10%** for Work Orders **based on project requirements.**

Michael M. Heuer, Vice President 12/7/09
Braun Intertec Corporation

Service Locations

Minneapolis, MN
St. Paul, MN
Duluth, MN
Hibbing, MN
Mankato, MN
Rochester, MN
St. Cloud, MN

West Fargo, ND
La Crosse, WI

Geotechnical Services

Hourly rates apply for regular-time (8 hours or less on weekdays). Hourly rates do not include support truck or carrier rental or use, mileage, supplies consumed in drilling or abandoned in test holes, or per diem expenses.

Drilling Equipment, Services & Personnel

1002	Drilling services	†
1004	Truck-or skid mounted drill rig, includes: crew chief and drill rig assistant, per hour	215
1007	Soil borings, 3¼ or 4¼ inch HSA and sampling, per foot	†
1062	Additional for all-terrain drill rig, per hour	57
1087	Daily mobilization expense (includes support truck rental and mileage, drill rig mileage, and tractor/lowboy mileage if applicable, per day	†
1065	Low-boy tractor/trailer, round trip	407
1066	Low-boy tractor/trailer, per mile	3
1067	Low-boy tractor/trailer, per day	155
1005	Travel time, drill crew or two-person field crew, per hour	215
1018	Overtime addition to all two-person operations for work on Saturday or in excess of 8 hours per day on weekdays, per hour	40
1019	Overtime addition to all two-person crew operations for work on Sunday, per hour	80
Additional crew person - when special conditions require (in addition to hourly charges of "1004" and "1005" above):		
1014	Regular time basis, per hour	67
1016	Overtime basis, per hour	84
8300	Site layout & utility clearance, per hour	96

Consumable Materials

1011	Well materials, 2" PVC, per foot (excludes well protection and protective casing)	7.75
1039	Well materials, 2" black iron, per foot (excludes well screen, well protection and protective casing)	12
1088	Stainless steel well screen, per 10', each	330
1058	Protective casing materials, each	171
1070	Bore hole abandonment materials, per foot	1.80
1073	Sealing records, each	56

1022	Thin-walled sample tubes (ASTM D 1587), each	23
3026	Drum, steel 55 gallon, with lid, each	59

Other Expense Charges and Miscellaneous Services

1044	Surcharge for continuous tube sample system (2-1/4" x 5"), per hour	37
1068	Material for specialized unrecoverable installations such as piezometers, monitoring wells, well-points, settlement plates, etc. Rental of road signs or equipment, special insurance, permits. Consumable supplies such as roller bits, drilling fluid additives, grout, level B-C-D protection, etc.	Cost +15%
1072	Subcontracted specialized services such as snow plowing, grading for access, towing, etc.	Cost +15%
1074	Welder or shop person on fabricating, assembly, or loading of specialized equipment, per hour	78
1080	Steam cleaning of drill rig and tools, per steam (equipment only)	114

Geotechnical Equipment Rental

1030	Vane shear equipment (ASTM D 2573), per day	284
1032	Electrical resistivity equipment, per day	212
1040	Pressure meter equipment, per day	586
1041	Pressure meter testing, per test	84
1056	Cone penetrometer equipment, per day	427

Laboratory Tests of Soils

1152	Moisture content (ASTM D 2216)	14
1154	Moisture content and density	29
1156	Atterberg Limits: LL and PL (ASTM D 4318)	94
1157	Atterberg Limits: LL and PL (AASHTO T89 and T90 and Wet Preparation (AASHTO T146)	126

Grain Size Analysis

1162	Sieve analysis through No. 200 Sieve (ASTM C 136, D 1140 or C 117)	114
1680	Rush surcharge	28.50
1166	No. 200 only (ASTM C 117 or D 1140)	65
1679	Rush surcharge	16.25
1170	Hydrometer analysis only (ASTM D 422)	92
1172	Mechanical (sieve-hydrometer analysis (ASTM D 422)	150
1174	Organic content (ASTM D 2974)	65
1176	Specific gravity of fine-grained soils (ASTM D 854)	110

† Quoted on an individual basis

Permeability		1222 Sulfide (metals)	50
1180 Granular soils, less than 10 percent fines (ASTM D 2434)	306	1226 Topsoil testing, MN/DOT 3877A (without nutrients)	210
1183 Soils with $\geq 10\%$ silt & clay (ASTM D 5084, EPA 9100, or COE undisturbed sample, includes extrusion)	442	1228 Topsoil testing, MNDOT 3877B (with nutrients)	266
1185 Soils with $\geq 10\%$ silt & clay (ASTM D 5084, EPA 9100, or COE remolded sample, does not include Proctor)	529	1229 Topsoil testing, nutrients	55
Double ring-infiltrometer test (ASTM D 3385):		1230 Specialty testing	†
1193 Granular soils	500	1232 Sample preparation, per hour	67
1194 Cohesive soils	700	1234 Extrusion of thin-walled tube	26
Guelph permeameter infiltration test:		Construction Testing and Observations	
1177 Granular soils	500	Earthwork (excavation observation, compaction control testing, special foundation installations)	
1178 Cohesive soils	700	1306 Special inspection and other on-site observation services. Hourly rates as shown in section "100 Personnel Services," plus vehicle and mileage	†
6102 Equipment rental for double ring-infiltrometer or Guelph permeameter, per test	50	1307 Quality control testing for earthwork activities. Hourly rates as shown in section "100 Personnel Services," plus vehicle and mileage	†
Strength and Compressibility Testing		1308 Nuclear moisture-density meter charge in addition to hourly rates in section "100 Personnel Services," per hour	17
1186 Unconfined compression (ASTM D 2166)	78	1310 Field laboratory rental including utilities, if required	†
1190 Direct shear, granular soil (3 point test) (ASTM D 3080)	520	1314 Compaction test, Sand-Cone Method (ASTM D 1556), or Nuclear Method (ASTM D 2922) (normal conditions)—(plus standby, travel time and vehicle charges), per test	38
1192 Direct shear, cohesive soil (3 point test) (ASTM D 3080)	680	1318 Proctor test (ASTM D 698 or ASTM D 1557)	160
1196 Consolidation testing, one-dimensional (strain vs. pressure curve only) (ASTM D 2435)	342	6170 Rush surcharge	40
1198 Consolidation testing, time-rate (e-log p curve, time-deflection curves, and cv, Pc, and Cc values) (ASTM D 2435)	512	1322 One-point Proctor check	61
One Dimensional Swell Test		1324 Maximum-minimum density of cohesionless soils (ASTM D 4523, D 4254)	266
1202 Maximum swell pressure (ASTM D 4546)	266	A1904 Settlement plates	85
Triaxial testing (per 3 points, remolded or extruded, does not include Proctor):		Deep Foundation and Vibration	
1206 Unconsolidated-Undrained (ASTM D 2850)	750	1340 Special inspection of pile or drilled shaft installation. Hourly rates as shown in section "100 Personnel Services," plus vehicle and mileage	†
1208 Consolidated-Undrained (includes pore-pressure measurements) (ASTM D 4767)	1,060	1342 Pile Driving Analyzer™ equipment rental, per day	1,040
1210 Consolidated-Drained (includes pore-pressure measurements)	1,380	1343 Wave Equation analysis	249
Corrosion Potential and Miscellaneous		1344 CAPWAP analysis	511
1214 pH determination (ASTM G 51)	19		
1216 Electrical resistivity of soils (ASTM G 57)	65		
3238 Thermal conductivity of soil (ASTM D 5334)	266		
1218 Oxidation-reduction	55		
1220 Sulfate (concrete)	33		

† Quoted on an individual basis

Exhibit C

1346	Seismographic equipment, per day	162	Concrete cylinder molds (includes labels and data slips):	
1348	Seismographic equipment, per week	371	1386 Concrete cylinder molds, each	2.80
1349	Seismographic equipment, per month	755	1392 4" x 4" "cippoc" molds, each	28
1347	Static or cyclic load testing (compression, tension with environmental control)	†	1394 Rental of steel mold, per use	26
Concrete			1395 Specialty mold rental (cubes and beams), per use	42
1356	Theoretical concrete mix design based on ACI 211 (does not include laboratory testing of materials, trial batching or review of historical data), per mix	†	1385 Curing cooler, each	23
1357	Concrete strength development curve, each	227	1396 Concrete cylinder "hot box" during winter construction, per month	84
1362	Maturity meter rental, per pour	3.50	1397 Compressive strength of cippocs (ASTM C 873)	67
1358	Laboratory trial batch concrete mix design (does not include laboratory testing of materials or concrete cylinder compression tests)	†	1398 Concrete coring—portable core drill with diamond bits at 2- to 12-inch diameter, crew. Excludes mileage, truck rental and bit wear (3-hour minimum), per hour	168
1360	Special inspection and other on-site observation services. Hourly rates as shown in section "100 Personnel Services", plus vehicle and mileage	†	1405 Bit wear and patch material, per core	17.50
1361	Quality control testing for concrete placement activities. Hourly rates as shown in section "100 Personnel Services," plus vehicle and mileage	†	1400 Core truck, per day, plus mileage	108
Laboratory moist-curing of concrete delivered to laboratories:			1401 Compressive strength of concrete cores including physical measurements and trimming (ASTM C 42), each	84
1369	Compression testing 4" x 8" cylinders (ASTM C 39) and concrete unit processing, handling and mold (cast by Braun Intertec), per unit	24	Petrographic	
1364	Compression testing 6" x 12" cylinders (ASTM C 39) and concrete unit processing, handling and mold (cast by Braun Intertec), per unit	26	Petrographic analysis of concrete (ASTM C 856):	
1363	Compression testing (ASTM C 39) (cast by others), per unit	28	1460 Observations, thin section and hardened air content, per sample	1,082
1366	Accelerated curing and testing (ASTM D 684), per unit	71	2101 Observations and thin section only, per sample	670
1367	Standard curing and testing of flexural beams—includes mold rental and cleanup (ASTM C 78 and ASTM C 293), per unit	103	5182 Observations only, per sample	464
1368	Splitting tensile strength of 6" x 12" concrete cylinder or concrete cores (ASTM C 496), per sample	77	5283 Thin section only, per sample	464
1370	Sample preparation, per hour	62	2102 Hardened air content analysis (ASTM C 457), per sample	592
1371	Dry unit weight (ASTM C 567), per set	99	2103 Estimated hardened air content (abbreviated ASTM C 457), per sample	325
1372	Specific gravity and voids (ASTM C 642), per unit	188	Petrographic analysis of coarse aggregate (ASTM C 295), includes analysis over 7 screens:	
1380	Sawing of concrete unit (ASTM C 31), per cut	10.50	1742 Quarried material, per sample	1,236
			2104 Pit-run material, per sample	1,545
			2105 Petrographic analysis of fine aggregate (ASTM C 295), includes analysis over 7 screens, per sample	1,133
			2108 Petrographic analysis of aggregate, each additional screen	155
			Petrographic analysis of mortar (ASTM C 1324):	
			2106 Petrographic and chemical analysis (§8 and §9), per sample	3,090
			2107 Petrographic analysis only (§8), per sample	1,107
			3100 X-ray diffraction analysis (XRD), per sample	†

† Quoted on an individual basis

Exhibit C

2109	Fourier transform infrared analysis (FTIR), per sample	†	1415	Efflorescence of brick or masonry units (ASTM C 67/C 216), per set of 10 samples	165
2110	Special petrographic testing, per sample	†	1416	Initial rate of absorption (ASTM C 67/C 216), per set	164
Masonry			1417	Compressive strength (ASTM C 67/C 216), per set	148
Concrete Masonry Units - Standard:			1418	Absorption and saturation coefficient (ASTM C 67/C 216), per set	210
1781	Special inspection and other on-site observation services. Hourly rates as shown in section "100 Personnel Services," plus vehicle and mileage	†	1419	Dimensional analysis (ASTM C 67/C 216), per set	205
1403	Compressive strength (ASTM C 140) RWU, each	41	1423	Warpage (ASTM C 67/C 216), per set	243
1404	Compressive strength (ASTM C 140), Block, each	41	Specialty Concrete		
1402	Absorption of RWU (ASTM C 140), each	55	1425	Length change (ASTM C 67), per set of 5 samples	656
1406	Physical measurements and absorption (ASTM C 140), each	57	1427	Locate reinforcing steel, Pachometer, per hour	103
1407	Net area determination (ASTM C 140), each	41	1432	Compression of cast stone	41
1408	Brick prism assembly (ASTM C 1314, E 447), each	94	1433	Rental of Windsor probe, Schmidt Hammer or profometer, per day	84
1409	Compressive strength – Hollow block prisms (ASTM C 1314), each	157	1437	Length change of hardened concrete (ASTM C 157), per set of 3 samples	520
1411	Compressive strength – Grout block prisms (ASTM C 1314), each	195	1439	Absorption of cast stone	52
1412	Compressive strength – Grout (ASTM C 1019), each	56	1441	Rapid freeze/thaw (ASTM C 666), per set	833
1421	Linear shrinkage (ASTM C 426), each	651	1448	Water-soluble chloride ion (ASTM C 1218), per sample (\$250 minimum)	125
1424	Freeze/thaw of RWU (ASTM C 1262), per set of 5	737	1449	Acid-soluble chloride ion content (ASTM C 1152), per sample (\$250 minimum)	125
1426	Fire rating (UBC or NCMA), each	17	1450	Bulk sample preparation, per sample	97
1414	Specialty testing of brick or block	†	1456	Rapid chloride permeability (ASTM C 1202), per set of three samples	480
1413	Freeze/thaw of brick and concrete pavers (ASTM C 67), per set	810	1459	Diffusivity determination, section method, each	706
1410	Modulus of rupture, per set (ASTM C 67/C 216)	243	1436	Rental of V-meter, per day	380
1431	Brick weight per unit area (ASTM C 67/C 216)	129	1462	Rental of Windsor pin, per day	250
1434	Brick measurement of length change (ASTM C 67/C 216)	649	1463	Adiabatic heat measurement (does not include trial batching), per mix	653
1435	Brick void area in cored units (ASTM C 67/C 216)	258	1466	Setting time (ASTM C 403), per sample	282
1438	Brick void area in deep frogged units (ASTM C 67/C 216)	258			
1444	Brick measurement of squareness (ASTM C 67/C 216)	242			
1453	Brick shell and web thickness (ASTM C 67/C 216)	206			
1454	Brick breaking load (ASTM C 67/C 216)	258			

† Quoted on an individual basis

Cement		1542 Thickness and density of pavement core (ASTM D 2726)	44
1474 Air content of cement mortar (ASTM C 185), per sample	139	1544 Moisture susceptibility of bituminous (ASTM D 1075)	282
1476 Fineness of cement by air permeability (ASTM C 204), per sample	97	1552 Bituminous coring—portable core drill with diamond bits at 2- to 12-inch diameter, crew. Excludes mileage, truck rental and bit wear (3-hour minimum), per hour	168
1480 Casting of mortar cubes, laboratory mixed (does not include mold rental and cleanup) (ASTM C 109), set of 6	163	1555 Bit wear and patch material, per core	17
1481 Compressive strength of cement mortar cubes (ASTM C 109), per unit	24	1558 Lottman stripping (AASHTO T283)	305
Mortar		1562 Laboratory mix design (Marshall)	†
Compressive strength of 2" x 2" mortar cube (ASTM C 109):		1563 Laboratory mix design (Gyratory)	†
1490 Field cast, each	24	1567 Resilient modulus of bituminous, per core	†
1492 Laboratory cast, each	28	1568 Gyratory gravity (AASHTO T312)	160
1493 Compression testing of cylindrical mortar specimens (ASTM C 780), each	24	1569 Mobile laboratory rental	†
1464 Rapid set grout	39	Soil and Aggregate Testing for Concrete, Bituminous, Roofing, etc.	
Bond Strength of Mortar to Masonry Units (ASTM C 952):		1684 Lightweight particles 2.0 specific gravity (ASTM C 123)	70
1500 Brick (laboratory cast), each	92	1685 Lightweight particles 2.4 specific gravity (ASTM C 123)	129
1501 Brick (field cast), each	49	1686 Spall material (MN/DOT)	111
Flexural bond strength of brick units (ASTM E 518):		1688 Percent crushed (MN/DOT)	70
1506 Field cast, each	147	1692 Coarse aggregate specific gravity (ASTM C 127)	71
1507 Laboratory cast, each	231	1694 Fine aggregate specific gravity (ASTM C 128)	107
1510 Water retention (ASTM C 91), per sample	166	1696 Modified Mill Abrasion (RR)	114
Flexural bond strength of brick units (ASTM C 1072):		1698 Los Angeles Abrasion (ASTM C 131, C 535)	114
1516 Prism testing, per prism	292	1700 Soundness (ASTM C 88), 5 cycles	283
Bituminous		1702 Flatness and elongation (ASTM D 4791)	84
1525 Sample preparation, per hour	67	1703 Flakiness index (BS 812)	139
1526 Marshall design point	177	1704 Potential reactivity (ASTM C 289)	1,083
1528 Rice specific gravity (ASTM D 2041)	70	1429 Potential reactivity (ASTM C 1260)	713
1529 Gyratory design point	200	1705 Fine aggregate Angularity (FAA) (AASHTO T304)	69
1530 Asphalt content (ASTM D 2172/6307)	133	1706 Unit weight (ASTM C 29)	65
1531 Bulk specific gravity/density, using coated samples	55		
1532 Extracted aggregate gradation (ASTM D 5444)	92		
1534 Marshall stability and flow (set of 3) (ASTM D 6926)	55		
1540 Marshall density testing, triple specimen (ASTM D 6926)	107		
5342 Thickness of pavement core (ASTM D 2726)	14		

† Quoted on an individual basis

1708	Mill abrasion (RR)	114	Window	
1712	Moisture content (ASTM C 566)	20		(Note: cost of aerial platform, scaffolding, exterior heat and enclosure, winter conditions are not included and will be priced based on job conditions. Work does not include repair of access holes, replacement of broken window trim, paint or wallpaper repair.)
1714	Hardness (Scratch)	70		
5396	Hardness (Moh's)	†		
1716	Organic impurities (ASTM C 40)	55	1772	Air and water infiltration testing, new construction QA (ASTM E 1105), per window 1,251
1718	Clay lumps (ASTM C 142), per size tested	112	1778	Specialty testing †
1720	Freeze-thaw (AASHTO T103)	281		
	Insoluble residue (MN/DOT):		Fire-Resistive Materials	
1724	Preparation	40	1784	Thickness/Density, laboratory determination 44
1732	Hveem stabilometer R-Value (MN/DOT) (does not include proctor or classification tests)	395	1785	Adhesion/Cohesion testing, per test 39
1734	California bearing ratio, per molded specimen (ASTM D 1883)	261	1786	Specialty testing †
			EIFS	
1736	Sample preparation, per hour	63	250	Special inspections, plus vehicle and mileage 111
1738	Sample crushing, per hour	77		
1739	Resilient modulus of fine grain soils (molded)	372		
1761	Resilient modulus of coarse grain soils and aggregate	398		
1740	Specialized testing	†		
1741	Sand equivalent (AASHTO T176)	114		
	Stone			
1746	Compressive strength, includes end cutting (ASTM C 170), per sample	97	1791	Specialty testing †
1747	Unconfined compressive strength of intact rock core specimen (ASTM D 7016), per sample	97	151	Roofing specialist, per hour 111
1750	Absorption and specific gravity of stone (ASTM C 97), per sample	49	1470	Vapor emission rate testing kit (ASTM F 1869) 27
1751	Coefficient of linear thermal expansion (ASTM D 5335), per sample	†	1471	Relative humidity probe (ASTM F 2170) 52
			1792	Hydrostatic pressure testing †
			1793	Mechanical testing †
			1794	Floor flatness †
			1795	Dipstick rental (one week minimum), per week 581
			1796	Dipstick rental (one week minimum), per additional day 171
			1797	Anchor/pull out tests †
			1798	Pre- or post-condition survey 283
			9001	Vapor transmission test 22
	Geosynthetic and Pond Liner			
1753	Shear/Peel tests on field seams (HDPE, VLDPE), per sample	78		
1754	Material property testing (strength, elongation, creep, cyclic stress-stain, etc.)	†		

Nondestructive Examination Services

1675	Non-special inspection services based on unit rates in section "100 Personnel Services," plus mileage and vehicle	†	
1602	Computed radiography, per section "100 Personnel Services"	†	
1625	Visual weld examination, per section "100 Personnel Services"	†	
1627	Bolting examination, per section "100 Personnel Services"	†	
1629	Magnetic particle examination, per section "100 Personnel Services"	†	
1635	Liquid penetrant examination, per section "100 Personnel Services"	†	
1640	Ultrasonic examination, per section "100 Personnel Services"	†	
1645	Radiography examination, per section "100 Personnel Services"	†	
1656	Infrared services, per hour	179	
1657	Infrared services, overtime, per hour	223	
1658	Infrared report	175	
1699	Thermographic imaging	640	
1654	Positive materials identification (PMI), per hour	†	
1659	Positive materials identification (PMI), per day	†	
1667	Radiography, cobalt, per shot	†	
1668	Radiography, iridium, per shot	†	
Welding Operator Examination			
1604	Bend tests	218	
1605	Radiography	116	
1611	Radiography, AWS D1.1	116	
1612	Bend tests, AWS D1.1	193	
1613	Radiography, ASME/ANSI	116	
1614	Bend tests, ASME/ANSI	193	
1617	3/8" Weld test coupons, AWS D1.1, per set	39	
1618	1" Weld test coupons, AWS D1.1, per set	51	
Weld Procedure Qualifications			
1619	AWS D1.1, client provides machining	1,089	
1620	ASME/ANSI, client provides machining	1,089	
1622	AWS D1.2, client provides machining	1,089	

NDE Consumables

1630	Consumable dry powder, per pound	27
1631	Fluorescent oil bath, per gallon	†
1632	Fluorescent water bath, per gallon	†
1633	Portable visible spray, per can	27
1634	Portable fluorescent spray, per can	27
1636	Portable developer, per can	24
1637	Portable cleaner, per can	24
1638	Portable visible penetrant, per can	24
1639	Portable fluorescent penetrant, per can	27
1642	Cellulose gum (with certifications), per quart	51
1643	High temperature couplant, per 4 oz. tube	129
1646	4-1/2" x 10" film	5
1647	4-1/2" x 17" film	8.70
1648	14" x 17" film	30
1649	8" x 10" film	8.70
1650	5" x 7" film	4.20
1651	7" x 17" film	15
1652	10" x 12" film	15

Geophysical Testing

259	Ground penetrating radar	153
1443	Ground penetrating radar, per hour on site (includes equipment)	160
1447	Ground penetrating radar, per day (includes report)	3,045
8640	Mobilization	204

Coatings

617	Inspections, per hour	111
627	Inspections, NACE certified, per hour	133
637	Specification review, per hour	111
1606	Elcometer 270 Holiday detector, per day	31
1607	PosiTTest AT adhesion tester, per day	26
1608	Adhesion tests, each	11
2217	Field observation report	223
2227	Final report	387
2220	Coating thickness, stereomicroscopic w/photographs, per sample	133
2210	Ultrasonic thickness gauge, per day	27

NDE Miscellaneous Expense

1660	Vehicle, per day	39
1661	Vehicle mileage, per mile	†
1662	Mobile darkroom, per day	67
1663	Mobile darkroom, per mile	†
1653	Radiography transponder, per day	54
1664	Trip charge	†
1666	Report	398

† Quoted on an individual basis

Environmental Site Evaluation Services

Groundwater Sampling

Generator		
5000	Per day	85
5001	Per week	254
Monsoon pump (130') w/low flow control		
5003	Per day	186
5004	Per week	557
Submersible pump (40')		
5005	Per day	22
5006	Per week	65
5007	Flow meter or Stevens recorder, per day	33
Colorimeter (Hach DR\890)		
3103	Per day	40
3104	Per week	175
3093	Field test kit, per reagent parameter	15
Turbidity meter		
5011	Per hour	16
5012	Per day	64
5013	Per week	192
Hermit 3000		
5014	Per day	160
5109	Per week	639
5017	Soil venting test equipment, per day	76
5018	Ordinary consumables, per well	16
Solinst Levellogger		
5137	Per day	62
5138	Per week	186
5139	Per month	464
YSI 556 water meter		
5019	Per hour	53
5020	Per day	211
5025	Disposable bailer, each	16
5027	Field filtering water, per sample	17
Interface probe		
5080	Per hour	16
5081	Per day	80
5082	Per week	240
Water level tape		
5083	Per hour	13
5084	Per day	64
5085	Per week	192

Field Analysis/Air Quality

OVA flame ionization detector (FID)		
5029	Per hour	37
5030	Per day	213
5031	Per week	637
TVA-1000 FID/PID		
5032	Per hour	54
5033	Per day	239
5034	Per week	717
PID w/10.6 eV lamp		
5035	Per hour	32
5036	Per day	150
5037	Per week	500
PID w/11.8 eV lamp		
5038	Per hour	38
5039	Per day	180
5040	Per week	540
MSA Orion 4-gas meter		
5043	Per hour	22
5044	Per day	120
5045	Per week	425
Landtec methane monitor		
5049	Per hour	27
5050	Per day	160
5051	Per week	531
PDR-1000 aerosol monitor		
5052	Per hour	27
5053	Per day	133
5054	Per week	425
3024	Per month	1,061
Surveying equipment (laser level)		
5055	Per hour	16
5124	Per day	80
Lumex mercury monitor		
5063	Per day	372
5064	Per week	1,592
Apex air sampling pump		
5134	Per hour	11
5135	Per day	54
5136	Per week	161
Hand auger		
6002	Per day	42
3689	Per week	169
Metal detector/line locator		
5089	Per hour	17
5090	Per day	88
5091	Per week	258
5056	Video camera rental, per day	49
5057	Radon canister, each	84
5092	Master locks #2106 (brass), each	22
5093	ISCO sampler, per day	106

Industrial Hygiene Equipment/Supplies

5065	Q-Trak IAQ monitor	†
5066	Dustrak monitor	†
5068	Filter cassettes	†
5069	Sorbent tubes, passive dosimeters	†
5070	Draeger tubes	†
Air sampling pump		
5072	Per day	41
5073	Per week	†
Draeger pump		
5074	Per day	26
5075	Per week	†
Peristaltic pump		
3001	Per hour	50
3102	Per week	200
5076	Noise dosimeter/sound level meter, per day	†
XRF spectrum analyzer		
5086	Per hour	109
5087	Per day	637
5088	Per week	2,546
5105	Ventilation smoke tube	†
5106	Andersen sampler	†
5107	High volume pump	†
5111	Zefon filter, each	10.50
5117	Optical borescope	†
5118	Moisture meter	†
5871	Asbestos field kit, per day	54
3192	Other miscellaneous	†

Miscellaneous Equipment Rental/Supplies

Trimble GeoXT GPS (sub-meter horizontal only)		
5096	Per hour	29
5097	Per day	211
5098	Per week	845
Trimble R8 Rover GPS (horizontal and vertical)		
5099	Per hour	58
5100	Per day	411
5101	Per week	1,644

Reliance Letter, per addressee

Greater of \$1,000 or 10% of original project fee

Pavement Evaluation Services

Nondestructive testing and analysis flexible pavements (rates per mile)		
8500	Parking lot testing and evaluation services	†
8510	Surface condition surveys	†
8620	Falling Weight Deflectometer (FWD)	362
8640	Mobilization	204

Expenses

1854	Vehicle, per day	†
1856	Vehicle mileage, per mile	†
1861	Trip charge	†
1863	Per diem expenses when working away from headquarters or branch locations	Cost + 15%
1864	Miscellaneous expenses	Cost + 15%
1866	Subcontracted services	Cost + 15%
3715	Project supplies and equipment	Cost + 15%

† Quoted on an individual basis

100	Personnel Services, per hour		Field and office services, regular hourly rates*		
121	Engineer-in-training	105	102	Technician I	65
300	Scientist-in-training	105	106	Technician II	75
118	Staff Engineer	115	110	Technician III	90
320	Staff Scientist	115	111	Technician IV	100
150	Building Sciences Technologist	115	138	Project Assistant	75
156	Project Architect	130	371	CADD/Graphics Operator	95
326	Senior Geologist	135	Nondestructive Examination (NDE) Technicians, regular hourly rates**		
126	Project Engineer	145	614	Radiographer's Assistant	69
330	Project Scientist	145	108	Level II NDE Technician	90
128	Senior Engineer	165	629	Magnetic Particle	
340	Senior Scientist	165	635	Liquid Penetrant	
338	Senior Industrial Hygienist	175	640	Ultrasonic	
155	Principal Architect	180	645	Solo Technician-Radiography	
130	Principal Engineer	185	200	ICC Structural Steel Technician/Observer	93
350	Principal Scientist	185	600	RT Forensic	149
257	Forensic Engineering & Architecture	210	602	Computed Radiography	284
133	Principal Consultant	235	112	AWS-Certified Weld Inspector	93
327	Industrial Hygienist	145	613	Radiography, two-man crew (IR-192)	149
226	Project Manager	†	254	PMI (positive material identifier) services	171
228	Senior Project Manager	†	615	Radiography, two-man crew (Co-60)***	194
Clerical Services			107	API 510/S70/653 Technician	108
1904	Library retrieval for additional copies after initial distribution of report	69	117	Level III NDE services	127
1906	Report reproduction of extra copies, per page. Bulk copying quoted on an individual basis	1	Reduced weekly and monthly rates available for continuous service. Regular hourly rates apply during normal work hours of 7 a.m. to 4 p.m., Monday through Friday. Services provided to meet project requirements or the contractor's construction schedule <i>outside</i> the normal work hours or exceeding 8 hours per day will be invoiced using an overtime rate factor.		
3766	24" x 36" or larger color plot, each,	8.25			
3768	24" x 36" or larger black & white plot, each	5.15			
Computer Aided Drafting (CAD)			* The factor for services provided outside the normal work hours or on Saturday will be 1.25 times the regular hourly rate for the service provided. The factor for services provided on Sunday or legal holidays will be 1.5 times the regular hourly rate for the service provided.		
3750	Phase I site map (not to scale)	64			
3751	Phase I site map (to scale)	98			
3752	Soil boring location sketch (not to scale)	80			
3753	Soil boring location sketch (to scale)	149			
3754	Groundwater contour map (3 pt)	47			
3755	Groundwater contour map (4+ pt)	64			
3756	Soil and groundwater contamination map (single chemical)	47			
3757	Soil and groundwater contamination map (multi chemical)	74			
			** The factors for NDE services provided outside the normal work hours or on Saturday will be 1.35 times the regular hourly rate for the service provided. The factor for NDE services provided on Sunday or legal holidays will be 1.85 times the regular hourly rate for the service provided.		
			*** Co-60 work may require three-man crew. Code 115 plus Assistant code 104.		

† Quoted on an individual basis