

**Proposal for:**

**Request for Qualifications to perform  
Construction Inspections**



**Solicitation #408.13.12.038**

*Prepared for:*  
**North Dakota Public Service Commission**

**January 3, 2014**

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***Appendix A: SF330***

# Introduction

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## **Location of Offices**

Wenck has offices in Mandan, Minot, and Fargo, North Dakota, plus Windom, Woodbury, and Maple Plain, Minnesota, so *we can respond quickly and efficiently, saving time and money.*

## **Familiarity with ND Public Service Commission**

Mr. Kevin Magstadt is a registered Professional Engineer in North Dakota. Both he and Sara Simmers have been involved with PSC construction inspections for the past three years. Company-wide, we have more than thirty years of experience working in the State of North Dakota and *provide our clients with trustworthy advice and expertise.*

## **Extensive Public & Agency Coordination Expertise**

Mr. Kevin Magstadt has served communities across North Dakota and the State of North Dakota through participation on various public committees and boards, and as the Community Development Manager for Montana-Dakota Utilities Co. which serves North Dakota, South Dakota, Montana, and Wyoming. *Thus, our clients have ready access to an experienced community relations expert to help manage the stakeholder process.*

## **Team Approach**

Wenck's employee-owned culture means we take ownership in our clients' success. We will act as a partner *providing strategic advice throughout the planning process.*

## **Experienced in All Aspects of Construction inspection**

Wenck has many professionals who have completed close to 100 construction inspection projects in just the last five years, *providing reliable technical expertise in everything from planning to design and permitting to post-construction and reclamation.*

Kevin Magstadt, P.E., in our Mandan office will serve as the client manager/project manager and the contact for questions related to this proposal. Kevin's contact information is as follows:

Kevin Magstadt, P.E.  
Principal/Regional Manager  
Wenck Associates, Inc.  
301 1<sup>st</sup> Street NE, #202  
Mandan, ND 58554-3370

General Phone: 701-751-3370  
Direct Phone: 701-751-4121  
Cell: 701-425-3975  
Fax: 701-751-3372  
E-mail: [kmagstadt@wenck.com](mailto:kmagstadt@wenck.com)

## ***Statement of Compliance and Conflict of Interest***

By submitting this proposal, Wenck agrees to comply with all the provisions in the RFP for this project (Solicitation #408.013.12.038). Neither the firm nor any of the individuals proposed to work on this contract, have any actual or potential conflicts of interest in performing this work.

### ***Authorized Signature***

Wenck's Regional Manager, Kevin Magstadt, P.E., is empowered to bind the company to any contract that might result from the proposal. His signature appears below and in the cover letter to this proposal.



Kevin J. Magstadt, P.E.  
Principal/Regional Manager

## ***Project Understanding***

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### ***Project Purpose***

We understand that the PSC is soliciting a proposal from Wenck to provide construction inspections of energy conversion and transmission facility siting projects approved by the PSC to ensure compliance with siting laws (ND Century Code Chapter 49-22), rules (ND Administrative Code Article 69-09), and applicable Commission orders.

Wenck has read the Solicitation #408.013.12.038 dated December 16, 2013 and in this section and the following sections illustrates our understanding of the project, the methodology proposed to complete the project, and our experience and qualifications.

### ***Project Understanding***

In general this is our understanding of the purpose and scope of the project:

- Construction inspections are needed to ensure the facilities were completed in compliance with applicable siting laws and rules and the Commission's Findings of Fact, Conclusions of Law and Order.
- A current/past list of the siting projects was attached to the RFP. See Section 4 for relevant previous project experience.
- These siting projects are located throughout the state of North Dakota.
- Wenck must participate in preconstruction conferences, if applicable.
- Site inspections must be completed, prompt reporting (within 5 business days) of suspected non-compliance directed to the Commission, and an inspection report must be compiled for each facility detailing the findings and conclusions of the inspection.
- The PSC will work with Wenck, on a limited basis, to identify the construction projects, relevant law and rules, and commission precedent.
- The PSC will not provide property or equipment; these are the responsibility of Wenck.

## ***Project Deliverables***

Wenck has identified three main project deliverables to be provided for each site. Please refer to the Section 3: Methodology to find additional information on Wenck's approach to providing these deliverables which include:

- **Field Inspection Notes** from the construction inspection, provided as a legible copy within seven business days.
- A 'living' **Online Spreadsheet** which will be frequently updated and provided to the PSC with the status (planned inspection date, completed inspection date, outstanding issues, cost, etc.) of the site inspections.
- A **Construction Inspection Report** that provides documentation of the field inspection (e.g. photographs, GPS coordinates, maps), a summary of outstanding compliance issues, if applicable, and recommendations of how to resolve these issues. The report will include an Executive Summary and appropriate signatures.

## ***Project Schedule***

Wenck understands that the project schedules need to be closely monitored and followed in a timely manner.

## ***Project Contract Terms and Conditions***

Wenck has reviewed the Request for Qualifications dated December 16, 2013, and (N.D.C.C. 49-22) and rules (N.D. Administrative Code Article 69-09) and applicable Commission orders of the RFP and find the terms and conditions acceptable.

## ***Project Pertinent Issues***

Wenck has identified the following pertinent issues related to completing construction inspection projects. None of these issues are insurmountable and by identifying these issues and addressing them in our proposed approach we can resolve, minimize, or avoid them.

## **Length of Project**

The length of the project (299 miles) across the State of North Dakota provides challenges to complete this project in a timely and cost effective manner while still assuring a high-quality deliverable is provided, meeting the needs of the PSC.

Wenck is addressing this issue by proposing to meet early with the PSC to establish a site inspection protocol and schedule. In addition, by designating experienced personnel from our Mandan, Minot and Fargo offices and planning, if possible, to undertake multiple site inspections per trip we can complete these projects in a timely and cost effective manner.

## **Schedule and Communication**

The need to complete the site inspections during the growing season on an array of diverse sites requires the development of a flexible schedule and the need for periodic project communication updates with the PSC. Inevitably some of these sites might have compliance issues. Some of these issues may result in the need for a follow-up visit (for example site restoration, which may require re-seeding), possibly in the next growing season.

As identified in the RFP, Wenck will promptly contact the PSC upon the identification of items of non-compliance. In an effort to keep the PSC abreast of the status of the different construction inspections, Wenck is proposing the development of an on-line 'living' spreadsheet which will frequently be updated and provided to the PSC with the status (planned inspection date, completion date, outstanding issues, cost, etc.) of the site inspections.

We believe this approach to scheduling and communication will facilitate completing these projects while still allowing flexibility to address issues and keep the PSC informed on the progress and status of the inspections.

## ***Project Methodology***

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### ***Project "Mix"***

For the construction inspection projects to be successful it will require a blend of efficiency and flexibility. The efficiency to get the tasks completed in a timely manner and well within budget. The flexibility to handle varying construction inspection situations as well as safety concerns at the facilities being inspected.

Since travel to and from each site could be a significant part of this project budget, Wenck will make every effort to conduct multiple inspections per trip and to use the experienced staff located closest to the sites. Combining project inspections and coordinating staff are some of the ways Wenck will provide efficiency in completing this project under budget.

Wenck field personnel maintain up-to-date safety training and possess the necessary equipment to meet the needs of the various inspection sites. In addition to the project manager/client manager (Kevin Magstadt), lead field inspector (Sara Simmers), and the other field inspectors (Luke Toso, Dan Ackerman, Roshaan Grieme, and Lucas Nelson of Mandan; Kevin Ploof of Minot; Andrew Feia and Brandyn Ehlis of Fargo), Wenck has engineers, botanists, field ecologists, and wetland specialists available should they be needed. Wenck also maintains a close working relationship with archaeologists, historians, and other cultural resources specialists who we can draw upon, if needed.

Below Wenck has identified three major tasks, their objectives, activities and deliverables to be carried out in order to complete the project. These tasks include:

## ***Task 1: Project Meetings & Organization***

### **Objective:**

The objective of this task is to meet with PSC staff, prior to initiating the site inspections.

This task will include:

- Meeting with PSC staff to gather available information (siting plan, location, company contact information, etc.) about each site and discuss the projected schedule of completion.
- Participating in preconstruction conferences, if applicable.

### **Activities:**

1. Meet with the PSC.
2. After meeting with the PSC, the Wenck team will finalize the site inspection schedule.

### **Deliverables:**

Finalize initial inspection schedule and create online spreadsheet.

## ***Task 2: Site Inspections***

### **Objectives:**

The objective of this task is to ensure that each facility construction was completed in accordance with the North Dakota Century Code Chapter 49-22 Energy Conversion and Transmission Facility Siting Act and complies with all aspects of the Siting Plan as approved by the PSC.

This task will include:

- Reviewing currently available site documentation.
- Completing the site inspections.
- Documenting site conditions.
- Keeping the PSC aware of outstanding issues and the status of individual site inspections.

### **Activities:**

1. Review the Siting Plan and other documents for each site:
  - Siting Plans, orders, and other documents will be reviewed by the Lead Field Inspector to determine site-specific inspection needs.
  - The Lead Field Inspector will review all projects and assign field inspections based on location and critical technical elements.
2. Contact facility owner to coordinate site visit and determine safety requirements, as necessary.
3. Conduct site inspections:
  - Site information, including the Siting Plan, will be reviewed.
  - Visual inspections of clear-cuts, grading, re-seeding, topsoil, critical habitat and cultural resources avoidance, compliance with the tree and shrub mitigation plan, etc. will be completed in the field.
  - Multiple inspections will be coordinated, as applicable.

4. Document inspection process:
  - Methodology used to conduct the inspections will be documented.
  - Specific inspection locations and issues or problem areas will be identified and mapped.
  - Site conditions will be photographed/and or GPS coordinates recorded
5. Notify the PSC of potential non-compliance conditions.

**Deliverables:**

Copies of field inspection notes (within 7 days) and update online spreadsheet.

### ***Task 3: Construction Inspection Reports***

**Objective:**

The objective of this task is to provide a concise, usable Construction Inspection Report for each site that meets the needs of the PSC and accurately documents that facility construction was completed as required.

This task will include:

- Compiling the Construction Inspection Report.
- Reviewing draft report internally by project manager or lead field inspector.
- Reviewing draft report by the PSC.
- Addressing PSC comments and submitting final inspection report.

**Activities:**

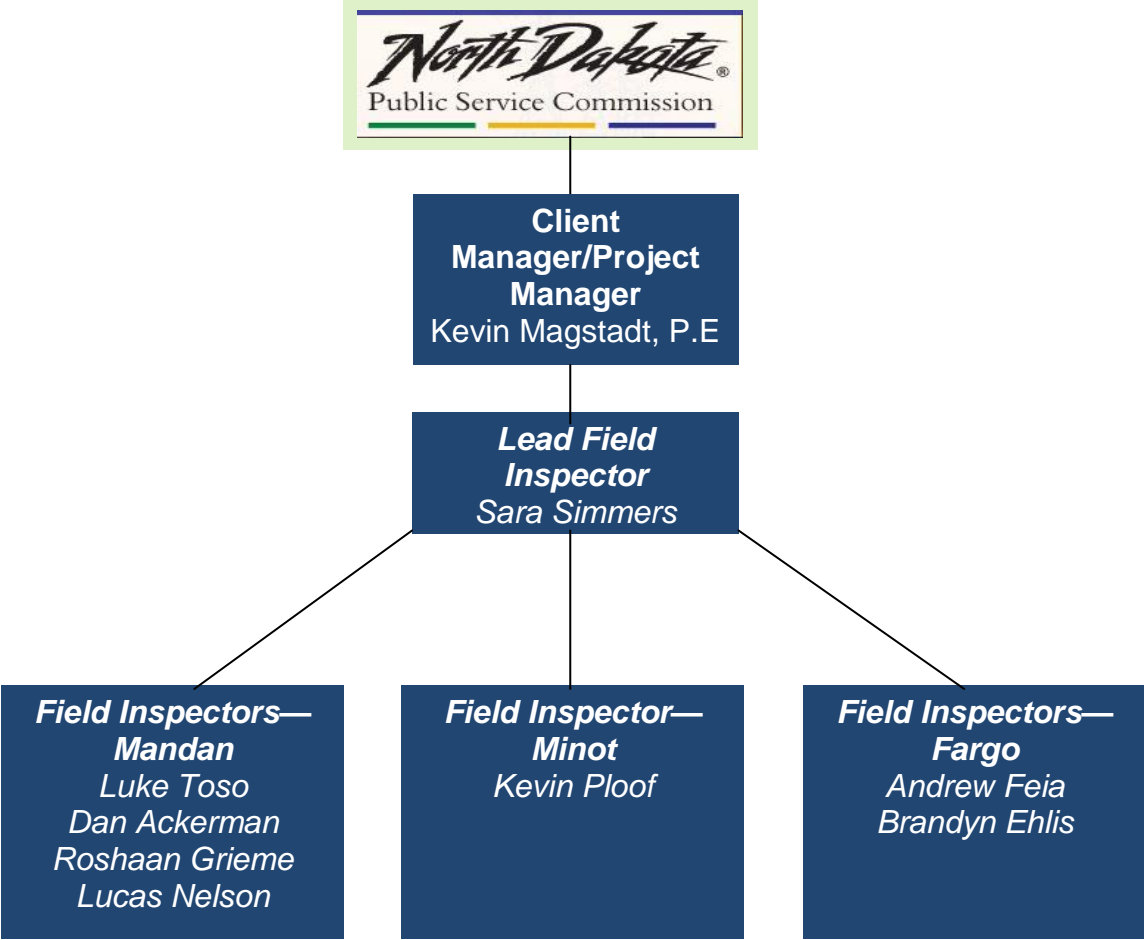
1. Compile internal draft Construction Inspection Reports:
  - An internal draft inspection report will be compiled and will include an executive summary, summaries of site field documentation and issues to resolve, and recommendations and conclusions regarding those issues.
  - Internal draft will be reviewed by the project manager or lead field inspector for technical content, grammatical errors and providing insurance that all aspects of the inspection plan were adhered to.
  - Internal draft will be revised and submitted for PSC review.
2. Review of draft report by PSC.
3. Submit final Construction Inspection Report:
  - Comments provided by the PSC on draft inspection reports will be addressed.
  - A final QA/QC will be performed by the client liaison to assure a quality report.
  - Final inspection reports will be submitted to the PSC along with a digital copy of GPS points, photos and final report.

**Deliverables:**

Construction Inspection Reports; and submit electronic data.

# Experience & Qualifications

The following section provides information on the personnel who will be designated to this project, the organization of the team, titles, and designated roles. Copies of the personnel resumes are located in Appendix A. In addition; this section contains an experience matrix and project examples.



## Inspection Experience

We have conducted 50 Post-Construction inspections over the past five years for various clients, including the PSC.

## ***Energy Industry Experience***

Our list of energy clients includes Xcel Energy, Minnesota Power, Montana-Dakota Utilities Co., Calpine Corporation, NRG Energy, Inc., OtterTail Power, Southern Minnesota Municipal Power Agency, Wisconsin Public Service Corporation, Tetra Tech, EC, Whiting Oil and Gas Corporation, XTO Energy, Continental Resources, Petro-Hunt, L.L.C., Oasis Petroleum, SM Energy, along with several municipalities and large steam-using industrial clients. Our alliance with these and other clients has brought us vast experience in the energy industry including environmental review and assessment, due diligence, compliance support, waste management, air quality permitting and site remediation.



### ***Kevin J. Magstadt, PE, Project Manager***

Kevin has more than 33 years of experience in the engineering field in many different aspects including 13 years in the mechanical systems design and construction administration. He also has more than 16 years of experience that relate to client, community and government relations across the states of North Dakota, South Dakota, Montana, Wyoming and Minnesota. His experience in Renewable Energy, which includes a landfill gas to energy project in Billings, MT, lends itself well to this project.

Mr. Magstadt has worked as the project manager for the past three years supervising construction inspection projects for the ND Public Service Commission. As project manager he is responsible for management of the project including communicating with PSC, project schedule, personnel coordination and project cost.



### ***Sara Simmers, Lead Field Inspector***

Sara Simmers has been involved in field inspection projects for the past three years with the ND Public Service Commission. She also has over 16 years' experience in biological and ecological field work. Ms. Simmers has worked with federal, state, and private clients throughout the Dakotas, western Minnesota, and eastern Montana. Her experience includes project management and report writing for several types and scales of projects.

***Luke Toso, Field Inspector***

Luke Toso has been involved with several current projects for the ND Public Service Commission conducting the field inspections and preparing reports. Mr. Toso has 4 years' experience as a field botanist. Mr. Toso has worked with federal and private clients throughout the Dakotas and Minnesota.



***Daniel Ackerman, Field Inspector***

Mr. Ackerman's expertise and interests include vegetation identification/sampling, vegetation surveys, wetland vegetation and delineation, wetland/tree and shrub mitigation, native prairie surveys, biological assessments/evaluations, critical issues analyses for proposed wind farms, Endangered Species Act, environmental assessments, and portions of environmental impact statements. Dan is also involved in wildlife biology work for various federal, state, and private clients with wind energy and transmission line corridors in North Dakota, South Dakota and Montana.

***Roshaan Grieme, EIT, Field Inspector***

Roshaan Grieme has experience in numerous projects as a Field Inspector, primarily overseeing the construction of roads, parking lots, storm water systems and grading. He is also proficient in AutoCAD and has experience in surveying, editing, preparing plan sheets and preparing cost estimates. Mr. Grieme has overseen the installation of storm water systems, installation and grading of aggregate base, bituminous paving, and concrete work. Recently, Roshaan assisted with the inspection of a 24 mile pipeline in Morton County, North Dakota for the North Dakota Public Service Commission.



***Lucas Nelson, EIT, Field Inspector***

Lucas Nelson has experience in numerous projects as a Field Inspector, primarily of utility and curb installation and landfill construction. He has experience with AutoCAD, surveying and editing plan sheets. Recently Mr. Nelson assisted in the third party inspection of an 88 MW Simple Cycle Combustion Turbine for the ND Public Service Commission near Heskett Station in Morton County, North Dakota.



***Andrew Feia, Environmental Scientist, Field Inspector***

Mr. Feia will serve as a field inspector for sites predominantly located in the eastern portion of North Dakota. Andrew will also assist in preparing the field inspection reports. Andrew joined Wenck after completing his internship with Facilities Management Office- Environmental (FME), Camp Ripley in October 2008. His professional duties focus on general environmental compliance, groundwater well installation and monitoring, laboratory data analysis, and construction.

***Brandyn Ehlis, Field Inspector***

Mr. Ehlis is a civil engineer with over five years of environmental engineering experience. He has worked on a variety of projects including environmental site assessments (ESAs), hazardous materials surveys and abatement, site redevelopment and SPCC plans. His work on these projects has included drilling oversight, collection of soil, groundwater and soil vapor samples, assessment and collection of suspect asbestos materials, site inspections, project design and documentation, and extensive report writing.



***Kevin Ploof, Field Inspector***

Mr. Ploof has nine years of experience on diverse projects including soil, solid waste and groundwater investigation, onsite wastewater design, onsite wastewater inspection, corrective action design and implementation. While working as property supervisor (regional manager), Mr. Ploof had QA/QC over contractors hired to do large capital improvement projects for commercial real estate projects. He inspected the construction of hundreds of private sewage disposal systems in north central North Dakota. He has worked with both public and private industry in North Dakota. His specialties include siting, design & permitting of small and large onsite wastewater systems; well inspection and water sampling; solid waste sampling; and food and lodging inspections.

Staff	Project Management	Public Relations	CADD/GIS	Facility Siting	Public Records Review/ROW	Construction Inspections
Kevin J. Magstadt, PE	X	X		X	X	X
Steve Menden, QEP, CHMM	X	X				
Sara Simmers, MS	X		X	X	X	X
Luke Toso			X		X	X
Andrew Feia			X	X		X
Brandyn Ehlis			X			X
Kevin Ploof	X	X		X		X
Roshaan Grieme			X	X	X	X
Lucas Nelson			X	X		X

## References

### North Dakota Department of Health

Mr. Scott Radig, Director  
 Division of Waste Management  
 918 East Divide Avenue  
 Bismarck, ND 58501-1947  
 701-328-5166  
 Fax: 701-328-5200  
 e-mail [sradig@ndgov](mailto:sradig@ndgov)

### Burleigh County

Mr. Marcus Hall, PE  
 2000 N. 52nd Street  
 Bismarck, ND 58501-7900  
 701-221-6870  
 Email: [mahall@nd.gov](mailto:mahall@nd.gov)

### City of Mandan

Mr. Jim Neubauer, City Administrator  
 205 2<sup>nd</sup> Ave NW  
 Mandan, ND 58554  
 701-667-3215  
 Fax: 701-667-3223

### City of Dickinson

Mr. Gary Zuroff, Public Works Director  
 99 2<sup>nd</sup> Street E  
 Dickinson, ND 58601  
 701-456-7744

### City of Watford City

Mr. Curt Moen  
 213 2<sup>nd</sup> Street NE  
 Watford City, ND 58854  
 701-444-2533  
 Fax: 701-444-3004

## ***Project Examples***

### ***Whiting Belfield Oil Pipeline***

The PSC retained Wenck to complete a construction inspection of the Belfield Oil Pipeline (Project) in Stark and Billings Counties, ND which is owned and operated by Whiting Oil and Gas Corporation (Whiting). The Project comprised of a 6.8 mile, 8 inch diameter crude oil pipeline that travels from the Belfield Oil Terminal, located approximately 6 miles northeast of Belfield, North Dakota, to a pump station owned and operated by Bridger Pipelines, LLC (Bridger).

### ***Merricourt Ellendale Transmission Line***

The PSC retained Wenck to complete a construction inspection of the Merricourt-Ellendale Transmission Line (Project) in Dickey and McIntosh Counties, ND which is owned and operated by Montana-Dakota Utilities Co. (MDU). The Project comprises approximately 30 miles of 230 kV electric transmission line beginning at an existing substation near Ellendale, North Dakota and extending to a constructed substation located northeast of Ashley, North Dakota.

### ***LSr Pipeline Field Inspection***

The PSC retained Wenck to complete a construction inspection of the LSr Pipeline (Project) in northeast Cavalier County, ND. The Project was completed in 2008, and is operated by Enbridge Pipelines (Southern Lights), LLC (Enbridge SL), a subsidiary of the Enbridge Energy Company, Inc. (Enbridge). The portion of the LSr Line in North Dakota comprises a 28-mile long, 20-inch diameter liquid petroleum pipeline with associated facilities and pipeline interconnections.

### ***Alberta Clipper Pipeline Inspection***

The PSC retained Wenck to complete a construction inspection of the Alberta Clipper Pipeline (Project) in northeast Cavalier County, ND. The Project is operated by Enbridge Energy, Limited Partnership (Enbridge LP), a subsidiary of the Enbridge Energy Company, Inc. (Enbridge) and completed in 2009. The portion of the Alberta Clipper Pipeline in North Dakota comprises a 28-mile long, 36-inch diameter liquid petroleum pipeline with associated facilities and pipeline interconnections.

### ***Langdon I Wind Energy Center***

The PSC retained Wenck to complete a construction inspection of the Langdon Wind Energy Center, Phase 1 (Project) constructed in Cavalier County, ND by NextEra Energy Resources, LLC (NextEra) in 2007. The Project is operated by Langdon Wind, LLC (Langdon Wind), a subsidiary of NextEra and comprises a 118.5-megawatt (MW) wind generation plant

### ***Langdon II Wind Energy Center***

The PSC retained Wenck to complete a construction inspection of the Langdon Wind Energy Center, Phase 2 (Project), constructed in Cavalier County, ND by NextEra Energy Resources, LLC (NextEra) in 2008. The Project is operated by Langdon Wind, LLC (Langdon Wind), a subsidiary of NextEra. Langdon II comprises a 40.5-megawatt (MW) wind generation plant.

### ***Pillsbury-Fargo Transmission Line***

The PSC retained Wenck to complete a construction inspection of the Pillsbury-Fargo Transmission Line (Project), constructed in Barnes and Cass Counties, ND by Minnkota Power Cooperative, Inc. (Minnkota) in 2008. The Project comprised of a 61.1-mile long, 230 kV transmission line, beginning at a new substation near Pillsbury, North Dakota and extending to the Maple River substation near West Fargo, North Dakota.

### ***Hankinson-Ellendale Transmission Line Reroute***

The PSC retained Wenck to complete a construction inspection of the Hankinson-Ellendale Transmission Line Reroute (Project), constructed in Richland County, ND by Otter Tail Corporation (Otter Tail) in 2008. The Project comprised of a 0.64-mile long reroute of a 230 kV transmission line near Grass Lake, west and north of the town of Lidgerwood, North Dakota.

### ***Alexander Loop Pipeline***

The PSC retained Wenck to complete a construction inspection of the Alexander (Alex) Loop Pipeline (Project), constructed in McKenzie County, ND by Belle Fourche Pipeline Company (Belle Fourche) in 2007 and 2008. The Project extends from the Bowline Field north to a connection with an Enbridge Pipeline near the city of Alexander, ND. The portion of the Alex Loop Pipeline in North Dakota comprised of a 32-mile long, 8-inch diameter liquid petroleum pipeline with associated facilities and pipeline interconnections.

### ***Bridger Four Bears Pipeline***

The PSC retained Wenck to complete a two phase construction inspection of the 77 mile, 12-inch diameter, crude oil Four Bears Pipeline (Project) in McKenzie, Dunn, and Billings Counties, ND owned and operated by Bridger Pipeline, LLC. (Bridger).

### ***Bison II Wind Project***

The PSC retained Wenck to complete a construction inspection of the Bison II Wind Project (Project) in Morton and Oliver counties, ND owned and operated by Minnesota Power (MP), an operating division of ALLETE, Inc. (Allete).

### ***88 MW Simple Cycle Combustion Turbine***

The PSC retained Wenck to perform third party construction inspection of the MDU 88 MW Simple Cycle Combustion Turbine near Heskett Station in Morton County, North Dakota.



### ***MDU Heskett Generation***

The PSC retained Wenck to complete a construction inspection of the MDU Heskett Station Natural Gas Pipeline Project. The project is a 10-inch diameter underground pipeline with a total length of approximately 24 miles. The pipeline was being constructed by InfraSource Services and is schedule to be completed in 2014.

## ***Summary***

Wenck is a leader in engineering and environmental services. We provide industries and local, state, and federal agencies a full spectrum of services related to infrastructure, water, air, land, and waste.

## ***Ownership and History***

Wenck is an employee-owned Minnesota corporation. Founded in 1985, we have grown to over 160 engineers, scientists, and support staff at three offices in North Dakota, two offices in Wyoming, three offices in Minnesota and one office in Georgia.

## ***Mission***

Wenck's mission is to deliver strategic solutions with unmatched service. We strive to delight our clients by being responsive, reliable and proactive, thereby adding the greatest value possible to your business or organization.

## ***Services***

Wenck provides comprehensive engineering and environmental services to our clients. Wenck clients receive more than technical engineering. We negotiate with regulators, lead public meetings, and provide insight on the complex political ramifications of your projects. With the “big picture” in mind, we take the initiative to ensure a successful outcome to your project. Our services include:

- Industrial Engineering & Design
- Civil Engineering
- Geotechnical
- Industrial Hygiene and Safety
- Environmental Review & Permitting
- Ecological Services
- Construction Services
- Waste Management
- Construction Services
- Traffic Planning
- Water Resources
- Air Quality
- Emergency Response
- Site Remediation
- Site Assessments
- Natural Resources
- Environmental Management
- Waste Treatment
- Hydrogeologic
- Traffic Engineering

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## Appendix A-SF330

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# ARCHITECT - ENGINEER QUALIFICATIONS

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## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION (*City and State*): *North Dakota Public Service Commission, Bismarck, North Dakota*
2. PUBLIC NOTICE DATE: **January 3, 2014**
3. SOLICITATION OR PROJECT NUMBER: **408.013.12.038**

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### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE: **Kevin J. Magstadt, P.E.**
5. NAME OF FIRM: **Wenck Associates, Inc.**
6. TELEPHONE NUMBER: **701-751-3370**
7. FAX NUMBER: **701-751-3372**
8. E-MAIL ADDRESS: **kmagstadt@wenck.com**

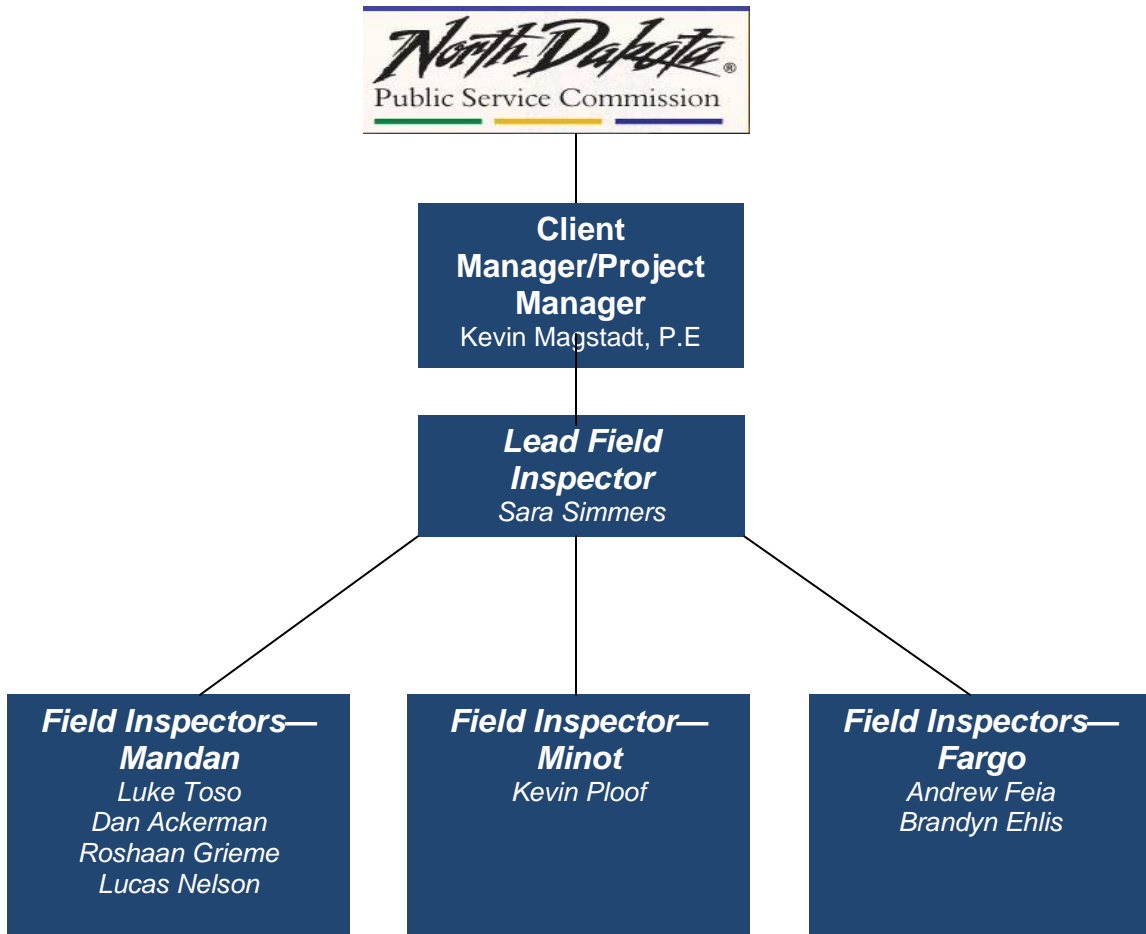
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### C. PROPOSED TEAM

*(Complete this section for the prime contractor and all key subcontractors.)*

- 
- 9a. PRIME (CHECK HERE): **X**
  - 9a. JOINT-VENTURE PARTNER (CHECK HERE):
  - 9a. SUBCONTRACTOR (CHECK HERE):
  - 9a. FIRM NAME: **Wenck Associates, Inc.**
  - 9a. IF BRANCH OFFICE CHECK HERE: **X**
  - 10a. ADDRESS: **301 1<sup>st</sup> Street NE, Suite 202, Mandan, ND 58554**
  - 11a. ROLE IN THIS CONTRACT:
-

D. ORGANIZATIONAL CHART OF PROPOSED TEAM (Attached; check here)X



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

- 12. NAME: **Kevin Magstadt, P.E.**
- 13. ROLE IN THIS CONTRACT: **Project Manager**
- 14a. YEARS EXPERIENCE - TOTAL: **34 Years**
- 14b. YEARS EXPERIENCE - WITH CURRENT FIRM: **5 Years**
- 15. FIRM NAME AND LOCATION *(City and State)*: **Wenck Associates, Inc. – Mandan, North Dakota**
- 16. EDUCATION *(DEGREE AND SPECIALIZATION)*: **M.S.-Management, University of Mary, Bismarck, ND**  
**B.S.-Mechanical Engineering, University of Nevada, Reno, NV**
- 17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*: **Mechanical Engineering-ND, MT, SD**
- 18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*:  

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- 19a(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: **Heskett Pipeline Inspection**
- 19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2013-2014**
- 19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: **2013-2014**
- 19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: **NDPSC (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the MDU Heskett Natural Gas Pipeline Project. The project is a 10-inch diameter underground pipeline with a total length of approximately 24 miles in Morton County, North Dakota. The pipeline was being constructed by InfraSource Services and is scheduled to be completed in 2014.**
- 19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**  

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- 19b(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: **88 MW Simple Cycle Combustion Turbine**
- 19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2013**
- 19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: **2013**
- 19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the MDU 88 MW Simple Cycle Combustion Turbine near Heskett Station in Morton County, North Dakota.**
- 19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**  

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- 19c(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: **Alberta Clipper Pipeline Field Inspection**
- 19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**
- 19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: **N/A**
- 19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Alberta Clipper Pipeline (Project) in northeast Cavalier County, ND. The Project was completed in 2009, and is operated by Enbridge Energy, Limited Partnership (Enbridge LP), a subsidiary of the Enbridge Energy Company, Inc. (Enbridge). The portion of the Alberta Clipper Line in North Dakota comprises a 28-mile long, 36-inch diameter liquid petroleum pipeline with associated facilities and pipeline interconnections.**
- 19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**  

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- 19d(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **LSr Pipeline Field Inspection**
- 19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2012**
- 19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**
- 19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the LSr Pipeline (Project) in northeast Cavalier County, ND. The Project was completed in 2008, and is operated by Enbridge Pipelines (Southern Lights), LLC (Enbridge SL), a subsidiary of the Enbridge Energy Company, Inc. (Enbridge). The portion of the LSr Line in North Dakota comprises a 28-mile long, 20-inch diameter liquid petroleum pipeline with associated facilities and pipeline interconnections.**
- 19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
- 
- 19e(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Langdon I Wind Energy Center**
- 19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**
- 19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**
- 19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Langdon Wind Energy Center, Phase 1 (Project) constructed in Cavalier County, ND by NextEra Energy Resources, LLC (NextEra) in 2007. The Project is operated by Langdon Wind, LLC (Langdon Wind), a subsidiary of NextEra. Langdon I comprises a 118.5-megawatt (MW) wind generation plant.**
- 19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
- 
- 19f(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Langdon II Wind Energy Center**
- 19f(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**
- 19f(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**
- 19f(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Langdon Wind Energy Center, Phase 2 (Project), constructed in Cavalier County, ND by NextEra Energy Resources, LLC (NextEra) in 2008. The Project is operated by Langdon Wind, LLC (Langdon Wind), a subsidiary of NextEra. Langdon II comprises a 40.5-megawatt (MW) wind generation plant.**
- 19f(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
- 
- 19g(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Pillsbury-Fargo Transmission Line**
- 19g(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**
- 19g(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**
- 19g(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Pillsbury-Fargo Transmission Line (Project), constructed in Barnes and Cass Counties, ND by Minnkota Power Cooperative, Inc. (Minnkota) in 2008. The Project comprises a 61.1-mile long, 230 kV transmission line, beginning at a new substation near Pillsbury, North Dakota and extending to the Maple River substation near West Fargo, North Dakota.**
- 19g(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
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- 19h(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Whiting Belfield Oil Pipeline Field Inspection**
- 19h(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **April 2012**
- 19h(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**
- 19h(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **NDPSC (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Belfield Oil Pipeline (Project) in Stark and Billings Counties, ND owned and operated by Whiting Oil and Gas Corporation (Whiting). The Project comprises a 6.8 mile, 8 inch diameter crude oil pipeline that travels from the Belfield Oil Terminal, located approximately 6 miles northeast of Belfield, North Dakota, to a pump station owned and operated by Bridger Pipelines, LLC (Bridger). Construction for the Project began in November 2011 and was completed in December 2011.**
- 19h(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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- 19h(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Hankinson-Ellendale Transmission Line Reroute**
- 19h(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**
- 19h(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**
- 19h(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Hankinson-Ellendale Transmission Line Reroute (Project), constructed in Richland County, ND by Otter Tail Corporation (Otter Tail) in 2008. The Project comprises a 0.64-mile long reroute of a 230 kV transmission line near Grass Lake, west and north of the town of Lidgerwood, North Dakota.**
- 19h(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
- 
- 19i(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Alexander Loop Pipeline**
- 19i(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**
- 19i(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**
- 19i(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Alexander (Alex) Loop Pipeline (Project), constructed in McKenzie County, ND by Belle Fourche Pipeline Company (Belle Fourche) in 2007 and 2008. The Project extends from the Bowline Field north to a connection with an Enbridge Pipeline near the city of Alexander, ND.**
- 19i(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
- 
- 19j(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Bridger Four Bears Pipeline**
- 19j(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**
- 19j(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**
- 19j(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a two phase construction inspection of the 77 mile, 12-inch diameter, crude oil Four Bears Pipeline (Project) in McKenzie, Dunn, and Billings Counties, ND owned and operated by Bridger Pipeline, LLC. (Bridger).**
- 19j(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
- 
- 19k(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Bison II Wind Project**
- 19k(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**
- 19k(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**
- 19k(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Bison II Wind Project (Project) in Morton and Oliver counties, ND owned and operated by Minnesota Power (MP), an operating division of ALLETE, Inc (Allete). Construction for the Project began on 15 August 2011 and is scheduled to be completed before 1 January 2013.**
- 19k(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
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19k(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Billings, Montana, Gas-to-Energy System**

19k(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**

19k(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19k(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Wenck worked with the City of Billings, Montana and Montana-Dakota Utilities Co. on a landfill gas to energy development project that will clean the landfill gas up to pipeline quality which will be injected into the natural gas distribution system. Montana-Dakota Utilities Co. owns and operates the cleanup system, while controlling the gas rights and paying a royalty to the City of Billings. Wenck's role has been to conduct a feasibility study assessing potential uses for the gas, work with regulatory agencies to revise air and solid waste permits accordingly, prepare construction bid documents for the first phase of construction, assist with the assessment of construction bids, research potential funding opportunities to assist with financing, provide construction field services, and assist with system start-up.**

19k(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME: Sara Simmers, MS
13. ROLE IN THIS CONTRACT: Senior Field Inspector
- 14a. YEARS EXPERIENCE - TOTAL: 18 Years
- 14b. YEARS EXPERIENCE - WITH CURRENT FIRM: 3 Years
15. FIRM NAME AND LOCATION (City and State): Wenck Associates, Inc. – Mandan, North Dakota
16. EDUCATION (DEGREE AND SPECIALIZATION): M.S., Conservation Biology, University of Minnesota, 2006  
B.A., Biology, Jamestown College, 2000  
A.S., Biology, Bismarck State College, 1998
17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE): Organizations: Ecological Society of America, North Dakota Academy of Science, Rocky Mountain Biological Laboratory, Society for Conservation Biology, Society for Ecological Restoration
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):  
Simmers, S. and S. Galatowitsch. 2010. Factors affecting revegetation of oil field access roads in semi-arid grassland. Restoration Ecology. Volume 18, Issue Supplement S1: 27-39.
- Simmers, S. 2007. Beyond vegetation cover as a measure of restoration success: Long term patterns on removed grassland roads. The Road-RIPorter 12:18-19. Wildlands CPR, Missoula, MT.
- Simmers, S. 2006. Recovery of semi-arid grassland on recontoured and revegetated oil access roads. Masters Thesis. University of Minnesota, St. Paul, MN.
- Simmers, S. and S. Galatowitsch. 2006. Recovery of semi-arid grasslands on recontoured and revegetated oil access roads. Technical summary report for US Forest Service. Dakota Prairie Grasslands, Bismarck, ND.
- Simmers, S. 2000. An investigation of the population genetics of the amphipod *Hyalella azteca* in North Dakota. Senior honors thesis. Jamestown College, Jamestown, ND.
- Simmers, S. 1998. Oviposition variation among *Pieris napi* due to increasing glucosinolate levels in cruciferous hostplants. Research Experience for Undergraduates project. Rocky Mountain Biological Laboratory, Crested Butte, CO.

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19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Whiting Belfield Oil Pipeline Field Inspection

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: April 2012

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): N/A

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: NDPS (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Belfield Oil Pipeline (Project) in Stark and Billings Counties, ND owned and operated by Whiting Oil and Gas Corporation (Whiting). The Project comprises a 6.8 mile, 8 inch diameter crude oil pipeline that travels from the Belfield Oil Terminal, located approximately 6 miles northeast of Belfield, North Dakota, to a pump station owned and operated by Bridger Pipelines, LLC (Bridger). Construction for the Project began in November 2011 and was completed in December 2011.

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

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19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Merricourt-Ellendale Transmission Line Field Inspection

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2011

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): N/A

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Merricourt-Ellendale Transmission Line (Project) in Dickey and McIntosh Counties, ND owned and operated by Montana-Dakota Utilities Co. (MDU). The Project comprises approximately 30 miles of 230 kV electric transmission line beginning at an existing substation near Ellendale, North Dakota and extending to a newly constructed substation located northeast of Ashley, North Dakota. Construction for the Project began in September 2011 and was completed in May 2012.

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

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19c(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Alberta Clipper Pipeline Field Inspection

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2011

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): N/A

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Alberta Clipper Pipeline (Project) in northeast Cavalier County, ND. The Project was completed in 2009, and is operated by Enbridge Energy, Limited Partnership (Enbridge LP), a subsidiary of the Enbridge Energy Company, Inc. (Enbridge). The portion of the Alberta Clipper Line in North Dakota comprises a 28-mile long, 36-inch diameter liquid petroleum pipeline with associated facilities and pipeline interconnections.**

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19d(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **LSr Pipeline Field Inspection**

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2012**

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the LSr Pipeline (Project) in northeast Cavalier County, ND. The Project was completed in 2008, and is operated by Enbridge Pipelines (Southern Lights), LLC (Enbridge SL), a subsidiary of the Enbridge Energy Company, Inc. (Enbridge). The portion of the LSr Line in North Dakota comprises a 28-mile long, 20-inch diameter liquid petroleum pipeline with associated facilities and pipeline interconnections.**

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19e(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Langdon I Wind Energy Center**

19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**

19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Langdon Wind Energy Center, Phase 1 (Project) constructed in Cavalier County, ND by NextEra Energy Resources, LLC (NextEra) in 2007. The Project is operated by Langdon Wind, LLC (Langdon Wind), a subsidiary of NextEra. Langdon I comprises a 118.5-megawatt (MW) wind generation plant.**

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19f(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Langdon II Wind Energy Center**

19f(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**

19f(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19f(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Langdon Wind Energy Center, Phase 2 (Project), constructed in Cavalier County, ND by NextEra Energy Resources, LLC (NextEra) in 2008. The Project is operated by Langdon Wind, LLC (Langdon Wind), a subsidiary of NextEra. Langdon II comprises a 40.5-megawatt (MW) wind generation plant.**

19f(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

19g(1)	RELEVANT PROJECT - TITLE AND LOCATION ( <i>City and State</i> ): <b>Pillsbury-Fargo Transmission Line</b>
19g(2)	RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: <b>2011</b>
19g(2)	RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION ( <i>If applicable</i> ): <b>N/A</b>
19g(3)	RELEVANT PROJECT - BRIEF DESCRIPTION ( <i>Brief scope, size, cost etc.</i> ) AND SPECIFIC ROLE: <b>The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Pillsbury-Fargo Transmission Line (Project), constructed in Barnes and Cass Counties, ND by Minnkota Power Cooperative, Inc. (Minnkota) in 2008. The Project comprises a 61.1-mile long, 230 kV transmission line, beginning at a new substation near Pillsbury, North Dakota and extending to the Maple River substation near West Fargo, North Dakota.</b>
19g(3)	RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: <b>X</b>
19h(1)	RELEVANT PROJECT - TITLE AND LOCATION ( <i>City and State</i> ): <b>Hankinson-Ellendale Transmission Line Reroute</b>
19h(2)	RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: <b>2011</b>
19h(2)	RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION ( <i>If applicable</i> ): <b>N/A</b>
19h(3)	RELEVANT PROJECT - BRIEF DESCRIPTION ( <i>Brief scope, size, cost etc.</i> ) AND SPECIFIC ROLE: <b>The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Hankinson-Ellendale Transmission Line Reroute (Project), constructed in Richland County, ND by Otter Tail Corporation (Otter Tail) in 2008. The Project comprises a 0.64-mile long reroute of a 230 kV transmission line near Grass Lake, west and north of the town of Lidgerwood, North Dakota.</b>
19h(3)	RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: <b>X</b>
19i(1)	RELEVANT PROJECT - TITLE AND LOCATION ( <i>City and State</i> ): <b>Alexander Loop Pipeline</b>
19i(2)	RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: <b>2011</b>
19i(2)	RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION ( <i>If applicable</i> ): <b>N/A</b>
19i(3)	RELEVANT PROJECT - BRIEF DESCRIPTION ( <i>Brief scope, size, cost etc.</i> ) AND SPECIFIC ROLE: <b>The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Alexander (Alex) Loop Pipeline (Project), constructed in McKenzie County, ND by Belle Fourche Pipeline Company (Belle Fourche) in 2007 and 2008. The Project extends from the Bowline Field north to a connection with an Enbridge Pipeline near the city of Alexander, ND.</b>
19i(3)	RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: <b>X</b>
19j(1)	RELEVANT PROJECT - TITLE AND LOCATION ( <i>City and State</i> ): <b>Bridger Four Bears Pipeline</b>
19j(2)	RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: <b>2011</b>
19j(2)	RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION ( <i>If applicable</i> ): <b>N/A</b>
19j(3)	RELEVANT PROJECT - BRIEF DESCRIPTION ( <i>Brief scope, size, cost etc.</i> ) AND SPECIFIC ROLE: <b>The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a two phase construction inspection of the 77 mile, 12-inch diameter, crude oil Four Bears Pipeline (Project) in McKenzie, Dunn, and Billings Counties, ND owned and operated by Bridger Pipeline, LLC. (Bridger).</b>
19j(3)	RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: <b>X</b>
19k(1)	RELEVANT PROJECT - TITLE AND LOCATION ( <i>City and State</i> ): <b>Bison II Wind Project</b>
19k(2)	RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: <b>2011</b>
19k(2)	RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION ( <i>If applicable</i> ): <b>N/A</b>
19k(3)	RELEVANT PROJECT - BRIEF DESCRIPTION ( <i>Brief scope, size, cost etc.</i> ) AND SPECIFIC ROLE: <b>The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Bison II Wind Project (Project) in Morton and Oliver counties, ND owned and operated by Minnesota Power (MP), an operating division of ALLETE, Inc (Allete). Construction for the Project began on 15 August 2011 and is scheduled to be completed before 1 January 2013.</b>
19k(3)	RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: <b>X</b>

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME: **Luke Toso**
13. ROLE IN THIS CONTRACT: **Field Inspector**
- 14a. YEARS EXPERIENCE - TOTAL: **4 Years**
- 14b. YEARS EXPERIENCE - WITH CURRENT FIRM: **2 Years**
15. FIRM NAME AND LOCATION (City and State): **Wenck Associates, Inc. – Mandan, North Dakota**
16. EDUCATION (DEGREE AND SPECIALIZATION): **B.A., Environmental Science, University of Minnesota-Morris, 2011**
17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE): **Wildlife Society, North Dakota Chapter**
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):

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19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Whiting Belfield Oil Pipeline Field Inspection**

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2012**

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **NDPSC (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Belfield Oil Pipeline (Project) in Stark and Billings Counties, ND owned and operated by Whiting Oil and Gas Corporation (Whiting). The Project comprises a 6.8 mile, 8 inch diameter crude oil pipeline that travels from the Belfield Oil Terminal, located approximately 6 miles northeast of Belfield, North Dakota, to a pump station owned and operated by Bridger Pipelines, LLC (Bridger).**

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Merricourt-Ellendale Transmission Line Field Inspection**

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2012**

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Merricourt-Ellendale Transmission Line (Project) in Dickey and McIntosh Counties, ND owned and operated by Montana-Dakota Utilities Co. (MDU). The Project comprises approximately 30 miles of 230 kV electric transmission line beginning at an existing substation near Ellendale, North Dakota and extending to a newly constructed substation located northeast of Ashley, North Dakota.**

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19c(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Bridger Four Bears Pipeline Inspection**

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2012**

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a two phase construction inspection of the 77 mile, 12-inch diameter, crude oil Four Bears Pipeline (Project) in McKenzie, Dunn, and Billings Counties, ND owned and operated by Bridger Pipeline, LLC. (Bridger).**

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19d(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Bison II Wind Project Inspection**

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2012**

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Bison II Wind Project (Project) in Morton and Oliver counties, ND owned and operated by Minnesota Power (MP), an operating division of ALLETE, Inc (Allete).**

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME: **Dan Ackerman**
13. ROLE IN THIS CONTRACT: **Field Inspector**
- 14a. YEARS EXPERIENCE - TOTAL: **10 Years**
- 14b. YEARS EXPERIENCE - WITH CURRENT FIRM: **3 Years**
15. FIRM NAME AND LOCATION (*City and State*): **Wenck Associates, Inc. – Mandan, North Dakota**
16. EDUCATION (*DEGREE AND SPECIALIZATION*): **M.S. Biology, University of North Dakota, 2007**  
**B.S. Fisheries and Wildlife Biology, University of North Dakota, 2004**
17. CURRENT PROFESSIONAL REGISTRATION (*STATE AND DISCIPLINE*): **Organizations: N.D. Chapter of The Wildlife Society, Bismarck-Mandan Bird Club, and Mule Deer Foundation-Northern Badlands Chapter, Chairman. Training: Introduction to ArcGIS I and II (ESRI), Hydric soils and wetland certification training (USDA-Natural Resource Conservation Service), Slope stability and erosion control webinar (Federal Highway Administration), NEPA Process and Determining Environmental Impacts Workshop (Environmental Protection Agency), NEPA: Improving Quality of Environmental Documents webinar (Federal Highway Administration), Current techniques in restoration and reclamation of aquatic systems, including the development of restoration plans (USDA-NRCS), Agricultural Wetland Banking (USDA-NRCS/MN Board of Water and Soil Resources.**
18. OTHER PROFESSIONAL QUALIFICATIONS
- Davis, M. A., Ackerman, D. S., Kunkel, N. M., Lares, S. G. 2008. Comparative analysis of functionality and species diversity of on-site/off-site mitigated wetlands. Page 1 in The Beta Zeta, March-April Sigma Gamma Epsilon Newsletter.**
- Davis, M. A., Ackerman, D. S., Kunkel, N. M., Lares, S. G. 2008. Comparative analysis of functionality and species diversity of on-site/off-site mitigated wetlands, Page 80 in Proceedings of the North Dakota Academy of Science. 24 Apr 2008, Grand Forks, North Dakota, USA.**
- Ackerman, D. S. 2007. Distribution, abundance, and habitat associations of the long-billed curlew in southwestern North Dakota. Thesis, University of North Dakota, Grand Forks, North Dakota, USA.**
- Ackerman, D. S. 2007. Distribution, abundance, and habitat associations of the long-billed curlew in southwestern North Dakota. Page 4 in Proceedings of The North Dakota Chapter of The Wildlife Society. 7-9 Feb 2007, Mandan, North Dakota, USA.**
- Ackerman, D. S. 2007. Distribution, abundance, and habitat associations of the long-billed curlew in southwestern North Dakota, Poster. Page 18 in Proceedings of the 4th Annual Northern Plains Biological Symposium. 14 Apr 2007, University of North Dakota, Grand Forks, North Dakota, USA.**
- Ackerman, D. S. 2006. Distribution, abundance, and habitat associations of the long-billed curlew in southwestern North Dakota, Poster. Page 60 in Proceedings of the Shorebird Science in the Western Hemisphere Conference. 27 Feb – 2 Mar 2006, Boulder, Colorado, USA.**

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19a(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Biological Assessments/Evaluations of Oil Well Settings - Western North Dakota.**

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2010-2012**

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Conducted wildlife and botanical surveys for oil well site permitting on U.S. Forest Service lands in western North Dakota. Projects totaled 17 in 2010 and 28 in 2011. Developed recommendations/determinations of the potential effects on threatened, endangered, and sensitive plant and wildlife species to the U.S. Forest Service in a Biological Assessment/Evaluation Report.**

Report 19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19b(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Wetland Delineation and Mitigation, various locations, North Dakota.**

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2007-2012**

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Conducted wetland delineations greater and less than five acres in size for pre-development plans for state highways, county roads, and urban subdivision expansion sites throughout North Dakota. Utilized high-accuracy GPS (Trimble GeoXT) to map wetlands and to locate wetland monitoring reference posts. Developed mitigation plans and techniques for highway construction and urban subdivision expansion projects.**

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:

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19c(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Distribution, Abundance, and Habitat Associations of the Long-billed Curlew in Southwestern North Dakota.**

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2005-2007**

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Participated in a range-wide long-billed curlew survey to produce range-wide population estimates. Included investigation of habitat use (i.e., vegetative structure [height/density], species composition, importance of water in nest site selection). Developed a protocol for monitoring long-billed curlews within North Dakota that could be followed in subsequent years with reduced effort. Utilized GPS (Garmin etrex Legend) to locate vegetation sampling plots and record curlew observation locations. This study was to provide basic information on the species to conservation planners, managers, and biologists.**

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:

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19d(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Piping Plover and Interior Least Tern Monitoring and Population Assessment, Missouri River System and Alkali Wetlands in North Dakota.**

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2002**

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Conducted nest searches, recorded nest locations via GPS (Trimble GeoXt), monitored nest fate, and counted adults and fledglings of piping plovers and Interior least terns. Evaluated use of foraging habitat of least terns through behavioral observations. Assisted with banding and band re-sighting of piping plovers and interior least terns. Collected vegetation, substrate, water quality, and other habitat variables on emergent sandbars of the Missouri River used by least terns and piping plovers. Developed predator enclosure cages surrounding nesting piping plovers on alkali wetlands in Divide and Williams Counties, North Dakota.**

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:

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19e(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Waterfowl Surveys, Vegetation Surveys and Rookery Surveys on Upper Souris National Wildlife Refuge, North Dakota.**

19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2002**

19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Conducted four-square-mile waterfowl counts and great blue heron rookery surveys. Completed vegetation studies by recording height-density, litter-duff, canopy-coverage, site exposure, habitat associations, and tree height measurements on a wildlife refuge in northwestern North Dakota. The vegetation study required knowledge and use of GPS to locate random vegetation sample plots.**

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:

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19f(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Avian Point Count, Lek, Post-Construction Mortality Monitoring Studies for Potential and Built Wind Farms**

19f(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2009-2012**

19f(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19f(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Selected avian point count locations, located point count locations via GPS (Garmin 76CSx), described avian habitat, and conducted spring and fall surveys to determine avian presence, density, and distribution, and prairie grouse lek areas within designated wind energy development areas in North Dakota, South Dakota, Montana, and Oklahoma.**

19f(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME: **Roshaan Grieme**
13. ROLE IN THIS CONTRACT: **Field Inspector**
- 14a. YEARS EXPERIENCE – TOTAL: **2 Years**
- 14b. YEARS EXPERIENCE - WITH CURRENT FIRM: **2 Years**
15. FIRM NAME AND LOCATION (City and State): **Wenck Associates, Inc. – Mandan, North Dakota**
16. EDUCATION (DEGREE AND SPECIALIZATION): **University of Minnesota, B.S. Civil Engineering**
17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE):
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.): **NDDOT Asphalt Testing Certification-2013**

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19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Heskett Pipeline – Morton County, ND**

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2013-2014**

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **2013-2014**

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **The PSC retained Wenck to complete construction inspection of the MDU Heskett Station Natural Gas Pipeline Project. The project is a 10-inch diameter underground pipeline with a total length of approximately 24 miles in Morton County, North Dakota. The pipeline was being constructed by InfraSource Services and is scheduled to be completed in 2014.**

Report 19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Mandan Street Rehab Project**

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2012-2013**

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **2012-2013**

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **Wenck performed construction inspection for the repair, reconstruction, and resurfacing of multiple streets for the City of Mandan. Duties included evaluating the existing condition, making recommendations to the City as to the scope of work for each street (mill and overlay, reconstruction) and overseeing the contractor perform concrete repairs, paving, and seal coat work. Roshaan also tracked quantities to ensure the project stayed within budget.**

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19c(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Burleigh County Levee Project**

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2012**

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **Wenck was contracted by Burleigh County, North Dakota to design a road raise of Sandy River Drive to provide greater flood protection. Sandy River Drive was overtopped by river water backing up from the south during the 2011 flooding in Bismarck, North Dakota. The roadway was designed to be raised approximately four feet between River Road to the east and Fernwood Drive to the west. Roshaan conducted a site survey; obtained GPS section points, hydraulic review, right-of-way acquisition and prepared draft plans and specifications. The project has been submitted to the county but has not been built at this time.**

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19d(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **8<sup>th</sup> Avenue NW Engineering Study- Mandan, ND**

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2013**

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Wenck was retained by the City of Mandan to perform a detailed engineering study of a proposed reconstruction and extension of 8<sup>th</sup> Avenue NW in Mandan, ND. The existing road would be reconstructed to better meet future traffic demands and lengthened to serve future residential and commercial developments in north Mandan. Wenck was responsible for the preliminary design of the proposed road and identifying utility concerns and needs. Mr. Grieme performed a sit survey, helped identify conflicts with local utility operations, prepared preliminary road design plans, and prepared a report outlining the findings and conclusions of the study.**

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19e(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*):

19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES:

19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*):

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE:

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME: **Lucas D. Nelson, EIT**
13. ROLE IN THIS CONTRACT: **Field Inspector**
- 14a. YEARS EXPERIENCE – TOTAL: **2 Year**
- 14b. YEARS EXPERIENCE - WITH CURRENT FIRM: **>1 Year**
15. FIRM NAME AND LOCATION (City and State): **Wenck Associates, Inc. – Mandan, North Dakota**
16. EDUCATION (DEGREE AND SPECIALIZATION): **University of Wisconsin-Madison, B.S. Civil Engineering**
17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE):
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):

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19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **PSC Heskett Pipeline**

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2013-2014**

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **2013-2014**

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **The PSC retained Wenck to complete construction inspection of the MDU Heskett Station Natural Gas Pipeline Project. The project is a 10-inch diameter underground pipeline with a total length of approximately 24 miles in Morton County, North Dakota. The pipeline was being constructed by InfraSource Services and is scheduled to be completed in 2014.**

Report 19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **PSC 88 MW Simple Cycle Combustion Turbine**

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2013-2014**

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **2013-2014**

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **Wenck performed third party construction of the MDU 88 MW Simple Cycle Combustion Turbine near Heskett Station in Morton County, North Dakota.**

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19c(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Hunters Run Subdivision, Phase I**

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2013-2014**

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **2013-2014**

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **Mr. Nelson performed construction oversight of the 120 acre subdivision. He served as a third party inspector for the City of Watford City, reviewing and certifying the on-site inspectors daily logs, performing spot inspections, and inspecting major item installation such as: Manholes (sanitary sewer and storm water), manhole connections, fitting, thrust blocks, hydrants, valve boxes, tracer wire, curb and gutter and asphalt paving.**

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME: **Kevin Ploof**
13. ROLE IN THIS CONTRACT: **Field Inspector**
- 14a. YEARS EXPERIENCE - TOTAL: **16 Years**
- 14b. YEARS EXPERIENCE - WITH CURRENT FIRM: **2 Years**
15. FIRM NAME AND LOCATION (City and State): **Wenck Associates, Inc. – Minot, North Dakota**
16. EDUCATION (DEGREE AND SPECIALIZATION): **B.S. Geology/Soils, North Dakota State University**
17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE):
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.): **Registered Environmental Health Specialist – Natl. Environmental Health Assoc.; Environmental Health Practitioner, ND; 40 Hour HAZWOPER Training, OSHA; Certified Pool Operator, NSPF; National Environmental Health Association and National Swimming Pool Foundation**
- 
- 19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Environmental Health Practitioner - First District Health Unit – Minot, ND**
- 19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2005-2011**
- 19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**
- 19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE:
- **Responsible for permitting, designing and inspecting onsite wastewater treatment systems (septic systems) for a seven county area.**
  - **Maintained working relationships with onsite system contractors and homeowners.**
  - **Educated and trained onsite contractors on proper installations and regulatory changes.**
  - **Planned and assisted in the organization of onsite system contractor seminars and classes.**
  - **Designed over 1500 onsite treatment systems, oversaw the installation of 100's of onsite systems.**
  - **Directed contractors in corrective actions when necessary for proper function and regulatory compliance.**
  - **Performed 2011 Mouse River Flood health and safety inspections of flood-affected properties in various affected communities.**
- 19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:
- 
- 19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Property Supervisor/Regional Manager**
- 19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2005-2011**
- 19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**
- 19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE:
- **Planned, directed, and coordinated the operation, leasing, maintenance, personnel of multi-million dollar residential real estate portfolio.**
  - **Budgeted of individual properties to obtain owner investment goals while maintaining the properties in highly competitive conditions to meet tenant and property owner expectations.**
  - **Managed escalated tenant issues that were not dealt with at the property level.**
  - **Budgeted and forecasted capital improvements of properties.**
- 19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:

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19c(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Environmental Scientist 2 - ND Department of Health – Sawyer, ND**

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **1998-2000**

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE:

- **Provided oversight of industrial waste landfill.**
- **Produced monthly reports of landfill activities.**
- **Sampled waste streams for compliance and acceptance to site.**
- **Inspected daily operations of industrial landfill, as well as, municipal and inert landfill sites in North Central ND.**
- **Observed construction activities such as landfill cell construction and closure.**

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:

- **Performed multiple Phase I Environmental Site Assessments**
  - **Conducted railroad spill reporting compliance inspection**
  - **Performed, observed and logged landfill and other soil testing drilling**
  - **Project management tasks**
  - **Field surveying of future project sites**
  - **Design of large commercial septic systems**
-

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME: **Andrew Feia**
13. ROLE IN THIS CONTRACT: **Field Inspector**
- 14a. YEARS EXPERIENCE - TOTAL: **7 Years**
- 14b. YEARS EXPERIENCE - WITH CURRENT FIRM: **5+ Year**
15. FIRM NAME AND LOCATION (City and State): **Wenck Associates, Inc. – Fargo, North Dakota**
16. EDUCATION (DEGREE AND SPECIALIZATION): **University of Minnesota Duluth, BA in Environmental Studies, 2008**
17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE):
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.): **40 Hour HAZWOPER Certification NRC – Certified Troxler Nuclear Gauge Operator, NDDH Odor Inspector, 2009 NDWPCC Storm Water Workshop**
- 
- 19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Mar-Kit Sanitary Landfill, Hallock, MN**
- 19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011-2012**
- 19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**
- 19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **Specialized services included conducting a Phase II/III Hydrogeologic Investigation through direction and supervision of waste borings into facility's existing disposal areas as part of the proposed site expansion. Other responsibilities include installing and developing a groundwater monitoring well, logging soil borings, conducting development of monitoring well, preparing field logs and a Phase II/III Hydrogeologic Report.**
- Report 19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
- 
- 19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **City of Fargo Landfill, Fargo, ND**
- 19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2012**
- 19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**
- 19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **Professional services included the creation of Active Gas Collection System Operation and Maintenance Plan for landfill gas usability at the landfill. Other services have included updating site operations plans for the yard waste compost unit, wood waste site, and land treatment area, and abandonment of site EMS monitoring wells. Responsibilities also have included cross sectional surveying of Cell 17 to determine slope stability prior to engineered liner placement.**
- 19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
- 
- 19c(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Clay County Landfill, Hawley, MN**
- 19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2012**
- 19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**
- 19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **Services provided to Clay County included submittal of two separate Phase II/III Work Plans and Phase II/III Hydrogeologic Investigation Reports, including the supervision and placement of groundwater monitoring wells on landfill property to evaluate contamination migration from the landfill footprint. Other tasks included logging well borings, conducting water sampling, development of monitoring wells, and preparing field logs. Other services provided to Clay County include an evaluation and reduction of their current EMS.**
- 19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

- 
- 19d(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **American Crystal Sugar Company Facilities, Crookston, MN**
- 19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2012**
- 19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**
- 19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Responsible as Owner's representative during site construction on West Slope Failure. Tasks included creating daily reports, operation of nuclear density gauge, directing construction activity and collecting soil samples.**
- 19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
- 
- 19e(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Hillsboro North Dakota**
- 19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2011-2012**
- 19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**
- 19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Services provided to ACSC included the supervision and placement of groundwater monitoring wells on facility property to evaluate potential groundwater impacts prior to land application of mud solids. Other tasks included classifying well borings, conducting water sampling and development of monitoring wells, preparation of field logs in both Field 6 and Dineen Field, and odor monitoring. Other services have also included site GPS surveying to locate permitted top-of-waste elevations.**
- 19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

14. NAME: **Brandyn Ehlis**
15. ROLE IN THIS CONTRACT: **Field Inspector**
- 14a. YEARS EXPERIENCE – TOTAL: **7 Years**
- 14b. YEARS EXPERIENCE - WITH CURRENT FIRM: **4+ Years**
19. FIRM NAME AND LOCATION (City and State): **Wenck Associates, Inc. – Fargo, North Dakota**
20. EDUCATION (DEGREE AND SPECIALIZATION): **North Dakota State University, Fargo, ND, B.S. Civil Engineering**
21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE):
22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.): **Professional Engineer: Minnesota (48814), North Dakota (PE-7248); Certified Hazardous Waste Site Worker, OSHA 40-Hour Training Course; 8hour annual refresher course; Nuclear Density/Moisture Gauge Radiation Safety Training Course; LEED Accredited Professional (AP); MN and ND Asbestos Inspector Certification**
- 
- 19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Remediation of Hazardous Waste Site SCI Recycling Service – Anoka, MN Remedial Action Plan Implementation**
- 19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2007-2008**
- 19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**
- 19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **Project responsibilities included the oversight for the implementation of remediation plan, which involved many cleanup strategies including heavy metal stabilization, capping, and soil removal and disposal. Additionally, Mr. Ehlis was responsible for field screening of excavated materials, analytical sample collection, and enforcing site health and safety protocol. Mr. Ehlis also assisted in developing documentation reports for this project.**
- Report 19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
- 
- 19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Site Cleanup-Kirschbaum-Krupp Metal Recycling – Minneapolis, MN - Voluntary Investigation and Cleanup Implementation**
- 19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2007-2008**
- 19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**
- 19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **Site redevelopment required oversight of soil removal and disposal, which involved field screening of excavated materials, environmental monitoring and other site health and safety measures, and soil sampling. Site construction activities involved the construction of several pollution prevention structures, including a stormwater retention pond and an enclosed metal storage area. Mr. Ehlis also assisted in developing documentation reports for this project.**
- 19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**
- 
- 19c(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): **Stormwater Pollution Prevention Planning - Rochester Recycling Service – Hayfield, MN - Stormwater Pollution Prevention Plan**
- 19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2006-2007**
- 19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): **N/A**
- 19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: **Preparation of SWPPP according to state and federal guidelines, involved the assessment of potential contamination sources and runoff conditions at the site.**
- 19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19d(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Groundwater Phytoremediation - American Crystal Sugar Co. – East Grand Forks Facility, East Grand Forks, MN**

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2006-2007**

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Following concern by the Minnesota Pollution Control Agency (MPCA) triggered by off-site nitrogen (nitrate/nitrite) contamination, American Crystal Sugar Co. was asked to provide remediation efforts to remediate the groundwater nitrogen contamination. Mr. Ehliis provided research, design and maintenance considerations for the suggested phytoremediation work plan, which would correlate to the existing monitoring program previously set forth by the MPCA. The phytoremediation work plan involved the use of poplar trees to extract the nitrogen contaminants from the on-site groundwater and create a depression in the groundwater table to draw contaminated off-site groundwater back toward the site to eventually be remediated, which would keep the facility within MPCA standards for the closed lime landfill.**

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

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19e(1) RELEVANT PROJECT - TITLE AND LOCATION (*City and State*): **Industrial Waste Management American Crystal Sugar Co. – Hillsboro Facility, Hillsboro, ND**

19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: **2006**

19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION (*Brief scope, size, cost etc.*) AND SPECIFIC ROLE: **Pond #1 West External Dike Repair and Mud Pond Reconstruction, Phase 2; Mr. Ehliis performed construction inspection and documentation reporting for the reconstruction projects at the sugar beet processing facility in Hillsboro, ND. The projects involved ensuring proper soil density throughout both projects and inspection of the dewatering system for the mud pond. American Crystal Sugar Co. – East Grand Forks Facility, East Grand Forks, MN Mud Pond Piping Upgrade, Phase 2; Mr. Ehliis supervised the installation of piping throughout the process water pond system at the facility.**

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: **X**

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

A. EXAMPLE PROJECT KEY NUMBER: **1**

B. TITLE AND LOCATION (*City and State*): **Whiting Belfield Oil Pipeline Inspection**

C. YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**

D. YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: **North Dakota Public Service Commission**

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Mr. Patrick Fahn**

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **701-328-2400**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*):

**The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Belfield Oil Pipeline (Project) in Stark and Billings Counties, ND owned and operated by Whiting Oil and Gas Corporation (Whiting). The Project comprises a 6.8 mile, 8 inch diameter crude oil pipeline that travels from the Belfield Oil Terminal, located approximately 6 miles northeast of Belfield, North Dakota, to a pump station owned and operated by Bridger Pipelines, LLC (Bridger). Construction for the Project began in November 2011 and was completed in December 2011.**

25. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION ( <i>City and State</i> )	(3) ROLE
<b>Wenck Associates, Inc.</b>	<b>Mandan, North Dakota</b>	<b>Inspection</b>

A. EXAMPLE PROJECT KEY NUMBER: **2**

E. TITLE AND LOCATION (*City and State*): **Merricourt-Ellendale Transmission Line Inspection**

F. YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**

G. YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: **North Dakota Public Service Commission**

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Mr. Patrick Fahn**

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER : **701-328-2400**

26. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*):

**The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Merricourt-Ellendale Transmission Line (Project) in Dickey and McIntosh Counties, ND owned and operated by Montana-Dakota Utilities Co. (MDU). The Project comprises approximately 30 miles of 230 kV electric transmission line beginning at an existing substation near Ellendale, North Dakota and extending to a newly constructed substation located northeast of Ashley, North Dakota. Construction for the Project began in September 2011 and was completed in May 2012.**

27. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION ( <i>City and State</i> )	(3) ROLE
<b>Wenck Associates, Inc.</b>	<b>Mandan, North Dakota</b>	<b>Inspection</b>

EXAMPLE PROJECT KEY NUMBER: 3

H. TITLE AND LOCATION (*City and State*): **Alberta Clipper Pipeline Inspection**

I. YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**

J. YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: **North Dakota Public Service Commission**

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Mr. Patrick Fahn**

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **701-328-2400**

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*):

**The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Alberta Clipper Pipeline (Project) in northeast Cavalier County, ND. The Project was completed in 2009, and is operated by Enbridge Energy, Limited Partnership (Enbridge LP), a subsidiary of the Enbridge Energy Company, Inc. (Enbridge). The portion of the Alberta Clipper Line in North Dakota comprises a 28-mile long, 36-inch diameter liquid petroleum pipeline with associated facilities and pipeline interconnections.**

29. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION ( <i>City and State</i> )	(3) ROLE
Wenck Associates, Inc.	Mandan, North Dakota	Inspection

K. EXAMPLE PROJECT KEY NUMBER: 4

L. TITLE AND LOCATION (*City and State*): **LSr Pipeline Inspection**

M. YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**

N. YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: **North Dakota Public Service Commission**

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Mr. Patrick Fahn**

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER : **701-328-2800**

30. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*):

**The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the LSr Pipeline (Project) in northeast Cavalier County, ND. The Project was completed in 2008, and is operated by Enbridge Pipelines (Southern Lights), LLC (Enbridge SL), a subsidiary of the Enbridge Energy Company, Inc. (Enbridge). The portion of the LSr Line in North Dakota comprises a 28-mile long, 20-inch diameter liquid petroleum pipeline with associated facilities and pipeline interconnections.**

31. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION ( <i>City and State</i> )	(3) ROLE
Wenck Associates, Inc.	Mandan, North Dakota	Inspection

O. EXAMPLE PROJECT KEY NUMBER: 5

P. TITLE AND LOCATION (*City and State*): **88 MW Simple Cycle Combustion Turbine**

Q. YEAR COMPLETED - PROFESSIONAL SERVICES: **2013**

R. YEAR COMPLETED - CONSTRUCTION (*If applicable*): **2013**

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: **North Dakota Public Service Commission**

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Mr. Patrick Fahn**

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **701-328-2400**

32. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*):

**The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the MDU 88 MW Simple Cycle Combustion Turbine near Heskett Station in Morton County, North Dakota.**

33. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION ( <i>City and State</i> )	(3) ROLE
<b>Wenck Associates, Inc.</b>	<b>Mandan, North Dakota</b>	<b>Inspection</b>

S. EXAMPLE PROJECT KEY NUMBER: 6

T. TITLE AND LOCATION (*City and State*): **Pillsbury-Fargo Transmission Line**

U. YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**

V. YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: **North Dakota Public Service Commission**

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Mr. Patrick Fahn**

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **701-328-2400**

34. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*):

**The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Pillsbury-Fargo Transmission Line (Project), constructed in Barnes and Cass Counties, ND by Minnkota Power Cooperative, Inc. (Minnkota) in 2008. The Project comprises a 61.1-mile long, 230 kV transmission line, beginning at a new substation near Pillsbury, North Dakota and extending to the Maple River substation near West Fargo, North Dakota.**

35. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION ( <i>City and State</i> )	(3) ROLE
<b>Wenck Associates, Inc.</b>	<b>Mandan, North Dakota</b>	<b>Inspection</b>

W. EXAMPLE PROJECT KEY NUMBER: 7

X. TITLE AND LOCATION (*City and State*): **Hankinson-Ellendale Transmission Line Reroute Inspection**

Y. YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**

Z. YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: **North Dakota Public Service Commission**

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Mr. Patrick Fahn**

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **701-328-2400**

36. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*):

**Wenck has completed multiple studies for the City of Hopkins and Hennepin County regarding needed improvements to Excelsior Boulevard (CSAH 3) in the City of Hopkins, MN. The analyses were prompted by concerns from City and County staff, together with residents and business persons along the corridor, regarding traffic operations on Excelsior Boulevard. To address these concerns, the study was designed to accomplish four basic purposes: (1) analyze existing traffic conditions in the corridor, (2) identify existing and future transportation deficiencies and issues, (3) analyze and evaluate corridor alternatives, and (4) develop a recommended transportation plan and layouts for improvements to the corridor. The City and County accepted the study results and agreed upon a layout for improvements to Excelsior Boulevard.**

37. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION ( <i>City and State</i> )	(3) ROLE
<b>Wenck Associates, Inc.</b>	<b>Mandan, North Dakota</b>	<b>Inspection</b>

EXAMPLE PROJECT KEY NUMBER: 8

AA. TITLE AND LOCATION (*City and State*): **Alexander Loop Pipeline Inspection**

BB. YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**

CC. YEAR COMPLETED - CONSTRUCTION (*If applicable*): **N/A**

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: **North Dakota Public Service Commission**

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Mr. Patrick Fahn**

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **701-328-2400**

38. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*):

**The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the Alexander (Alex) Loop Pipeline (Project), constructed in McKenzie County, ND by Belle Fourche Pipeline Company (Belle Fourche) in 2007 and 2008. The Project extends from the Bowline Field north to a connection with an Enbridge Pipeline near the city of Alexander, ND. The portion of the Alex Loop Pipeline in North Dakota comprises a 32-mile long, 8-inch diameter liquid petroleum pipeline with associated facilities and pipeline interconnections.**

39. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION ( <i>City and State</i> )	(3) ROLE
<b>Wenck Associates, Inc.</b>	<b>Mandan, North Dakota</b>	<b>Inspection</b>

DD. EXAMPLE PROJECT KEY NUMBER: 9

EE. TITLE AND LOCATION (City and State): **Bridger Four Bears Pipeline Inspection**

FF. YEAR COMPLETED - PROFESSIONAL SERVICES: **2011**

GG. YEAR COMPLETED - CONSTRUCTION (If applicable): **n/a**

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: **North Dakota Public Service Commission**

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Mr. Patrick Fahn**

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **701-328-2400**

**40. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost): The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a two phase construction inspection of the 77 mile, 12-inch diameter, crude oil Four Bears Pipeline (Project) in McKenzie, Dunn, and Billings Counties, ND owned and operated by Bridger Pipeline, LLC. (Bridger).**

41. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>Wenck Associates, Inc.</b>	<b>Mandan, North Dakota</b>	<b>Inspection</b>

EXAMPLE PROJECT KEY NUMBER: 10

HH. TITLE AND LOCATION (City and State): **Heskett Pipeline Inspection**

II. YEAR COMPLETED - PROFESSIONAL SERVICES: **2013-2014**

JJ. YEAR COMPLETED - CONSTRUCTION (If applicable): **2014**

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: **North Dakota Public Service Commission**

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Mr. Patrick Fahn**

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **701-328-2400**

**42. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost): The North Dakota Public Service Commission (PSC) retained Wenck Associates, Inc. (Wenck) to complete a construction inspection of the MDU Heskett Natural Gas Pipeline Project. The project is a 10-inch diameter underground pipeline with a total length of approximately 24 miles in Morton County, North Dakota. The pipeline was being constructed by InfraSource Services and is scheduled to be completed in 2014.**

43. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>Wenck Associates, Inc.</b>	<b>Mandan, North Dakota</b>	<b>Inspection</b>

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Kevin Magstadt, P.E.	Project Manager	X	X	X	X	X	X	X	X	X	X
Sara Simmers, M.S.	Senior Field Inspector	X	X	X	X	X	X	X	X	X	X
Luke Toso	Field Inspector	X	X						X	X	
Dan Ackerman, M.S.	Field Inspector										
Roshaan Grieme	Field Inspector										X
Kevin Ploof	Field Inspector										
Andrew Feia	Field Inspector										
Brandyn Ellis	Field Inspector										
Lucas Nelson	Field Inspector					X					X

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Whiting Belfield Oil Pipeline Inspection	6	Pillsbury-Fargo Transmission Line
2	Merricourt-Ellendale Transmission Line Inspection	7	Hankinson-Ellendale Transmission Line Reroute Inspection
3	LSr Pipeline Inspection	8	Alexander Loop Pipeline Inspection
4	Alberta Clipper Pipeline Inspection	9	Bridger Four Bears Pipeline Inspection
5	88 MW Simple Cycle Combustion Turbine Inspection	10	MDU Heskett Pipeline Inspection

**H. ADDITIONAL INFORMATION**

29. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED:

**9. AUTHORIZED REPRESENTATIVE**  
The foregoing is a statement of facts.

30. SIGNATURE OF AUTHORIZED REPRESENTATIVE:



31. DATE SIGNED: **January 3, 2014**

32. NAME AND TITLE OF SIGNER: **Kevin J. Magstadt, P.E. Principal/Regional Manager**

# ARCHITECT-ENGINEER QUALIFICATIONS

## PART II - GENERAL QUALIFICATIONS

*(If a firm has branch offices, complete for each specific branch office seeking work.)*

1. SOLICITATION NUMBER *(If any)*:
- 2a. FIRM (OR BRANCH OFFICE) NAME: **Wenck Associates, Inc.**
- 2b. FIRM (OR BRANCH OFFICE) STREET: **301 1<sup>st</sup> Street NE**
- 2c. FIRM (OR BRANCH OFFICE) CITY: **Mandan**
- 2d. FIRM (OR BRANCH OFFICE) STATE: **North Dakota**
- 2e. FIRM (OR BRANCH OFFICE) ZIP CODE: **58554**
3. YEAR ESTABLISHED: **1985**
4. DUNS NUMBER: **13-154-3548**
- 5a. OWNERSHIP - TYPE: **S-Corporation**
- 5b. OWNERSHIP - SMALL BUSINESS STATUS: **Large Business**
- 6a. POINT OF CONTACT NAME AND TITLE: **Kevin J. Magstadt, P.E., Principal/Regional Manager**
- 6b. POINT OF CONTACT TELEPHONE NUMBER: **701-751-3370**
- 6c. POINT OF CONTACT E-MAIL ADDRESS: **kmagstadt@wenck.com**
7. NAME OF FIRM *(If block 2a is a branch office)*:

8a. FORMER FIRM NAME(S) <i>(If any)</i>	8b. YR. ESTABLISHED	8c. DUNS NUMBER

**9. EMPLOYEES BY DISCIPLINE**

a. Function Code	b. Discipline	c(1). No. of Employees - Firm	c(2). No. of Employees - Branch
02	Administrative	15	1
07	Biologist	5	3
08	CADD Technician	6	2
10	Chemical Engineer	1	
12	Civil Engineer	32	3
15	Construction Inspector	10	
18	Cost Engineer/Estimator	1	
23	Environmental Engineer	15	
24	Environmental Scientist	10	
27	Foundation/Geotechnical Engineer	10	
29	Geographic Information System Specialist	5	
30	Geologist	7	1
32	Hydraulic Engineer	7	
24	Hydrologist	4	
42	Mechanical Engineer	4	
43	Mining Engineer	1	
48	Project Manager	5	2
50	Risk Assessor	1	
55	Soils Engineer	2	
61	Value Engineer	1	
62	Water Resources Engineer	12	
	Emergency Response/Preparedness	5	3
	Other Employees		
	<b>Total</b>	<b>159</b>	<b>15</b>

**10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS**

a. Profile Code	b. Experience	c. Revenue Index
A04	Air Pollution Control	4
A05	Airports; Airport Lighting; Aircraft Fueling	1
A06	Airports; Terminals and Hangars; Freight Handling	1
C14	Conversation and Resource Management	1
C15	Construction Management	6
C16	Construction Survey	4
D01	Dams	6
D02	Dams (Earth, Rock); Dikes; Levees	5
D03	Desalinization (process and facilities)	1
D04	Design-Building-Preparation of Requests for Proposals	1
D08	Dredging Studies and Design	3
E01	Ecological and Archeological Investigations	1
E07	Energy Conservation; New Energy	1
E09	Environmental Impact Studies, Assessments or Statements	5
E10	Environmental and Natural Resource Mapping	1
E11	Environmental Planning	1
E12	Environmental Remediation	5
E13	Environmental Testing and Analysis	2
F04	Fisheries; Fish Ladders	2
G04	Geographic Information System Services	2
H02	Hazardous Materials Handling and Storage	4
I06	Irrigation; Drainage	4
L02	Land Surveying	3
P05	Planning (Community, Regional, Area wide..)	2
P06	Planning (Site, Installation and Project)	3
R04	Recreation Facilities (Parks, Marinas, etc.)	4
R11	Rivers; Canals; Waterways; Flood Plain Studies	5
S05	Soils & Geologic Studies; Foundations	5
S09	Structural Design; Special Structures	2
S10	Surveying; Platting; Mapping; Flood Plain Studies	4
S11	Sustainable Design	5
S13	Storm Water Handling & Facilities	5
T03	Traffic & Transportation Engineering	3
W02	Water Resources; Hydrology; Ground Water	6


**PROFESSIONAL SERVICES REVENUE INDEX NUMBER**

- |   |   |
|---|---|
| 1. Less than \$100,000                  | 6. \$2 million to less than \$5 million   |
| 2. \$100,000 to less than \$250,000     | 7. \$5 million to less than \$10 million  |
| 3. \$250,000 to less than \$500,00      | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million   | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater               |

**11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS**  
(Insert revenue index number shown above)

- 11a. Federal Work: **4**
- 11b. Non-Federal Work: **8**
- 11c. Total Work: **8**

**12. AUTHORIZED REPRESENTATIVE. The foregoing is a statement of facts.**

12a. SIGNATURE: 

12b. DATE SIGNED: January 3, 2014