

April 25, 2016

Via e-mail: [jprescott@nd.gov](mailto:jprescott@nd.gov)

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Ms. Julie Prescott  
North Dakota Public Service Commission  
State Capitol  
12<sup>th</sup> Floor, Department 408  
600 E. Boulevard Ave.  
Bismarck, ND 58505-0480

Re: Scope of Work and Cost Estimate  
Construction Inspection  
Plains All American Pipeline L.P.  
PU-15-35, Bison Pipeline Project

Dear Ms. Prescott:

**ProSource Technologies, LLC** (ProSource) is pleased to present this scope of work and cost estimate to provide construction inspection services on behalf of the North Dakota Public Service Commission (NDPSC).

ProSource staff understands that construction inspections are required to ensure that energy conversion and transmission facilities authorized by NDPSC are constructed in compliance with the siting laws (N.D.C.C. 49-22) and rules (ND Administrative Code Article 69-09) and applicable NDPSC orders. Our team is committed to completing these construction inspections and reports to meet the NDPSC schedule and achieve agreed upon NDPSC expectations.

ProSource will provide construction inspection services to inspect the proposed Plains All American Pipeline, L.P. Bison Pipeline Project, on behalf of the NDPSC. This construction project has been approved by the NDPSC and involves the installation of approximately 10 miles of 8-inch outside diameter crude oil pipeline in Mountrail County, North Dakota.

The following sections include:

- Scope of Work
- Project Management Plan
- Cost Estimate

**37 PU-15-35** Filed: 4/25/2016 Pages: 5  
**Contractor's written negotiated proposal  
supplements with bid for additional inspections if  
requested**  
ProSource Technologies, Inc.

**Scope of Work**

ProSource will provide the professional staff to perform the requested Topsoil Removal Inspection, Construction Inspection, As-Built Construction Inspection, and Reclamation and Revegetation Inspection on behalf of NDPSC in accordance with the Commission’s Order. The following table describes the tasks associated with the inspections and reports.

<b>Task</b>	<b>Assumption</b>
<b>Pre-Construction Conference</b>	<ul style="list-style-type: none"> <li>* Review project materials.</li> <li>* Participation in pre-construction conference call.</li> <li>* Review meeting minutes.</li> </ul>
<b>Topsoil Removal Inspection</b>	<ul style="list-style-type: none"> <li>* ProSource will maintain one inspector for up to two days during topsoil and subsoil removal and segregation activities until the inspector has determined that equipment operators have demonstrated proficiency concerning topsoil and subsoil removal and segregation in compliance with the Commission’s Order.</li> </ul>
<b>Topsoil Removal Inspection Report</b>	<ul style="list-style-type: none"> <li>* ProSource will prepare and provide to the State a written report within 15 days after the Topsoil Removal Inspection.</li> <li>* The Topsoil Removal Inspection Report will contain:                             <ul style="list-style-type: none"> <li>- Location-referenced color photos of construction activities.</li> <li>- Map identifying locations where photographs were taken and locations where compliance checks were performed.</li> <li>- Executive Summary of the inspection findings concerning issues requiring resolution, areas of concern, and recommendations for resolution of issues.</li> </ul> </li> </ul>
<b>Construction Inspection at Approximately 75% Project Completion</b>	<ul style="list-style-type: none"> <li>* ProSource will conduct a construction inspection for one day to verify that the project is being constructed in compliance with the siting laws, siting rules and applicable Commission Orders.</li> </ul>
<b>Construction Inspection Report</b>	<ul style="list-style-type: none"> <li>* ProSource will prepare and provide to the State a written report within 15 days after the Construction Inspection.</li> <li>* The Construction Inspection Report will contain:                             <ul style="list-style-type: none"> <li>- Location-referenced color photos of construction activities.</li> <li>- Map identifying locations where photographs were taken and locations where compliance checks were performed.</li> </ul> </li> </ul>

Task	Assumption
	<ul style="list-style-type: none"> <li>- Executive Summary of the inspection findings concerning issues requiring resolution, areas of concern, and recommendations for resolution of issues.</li> </ul>
<p><b>As-Built Construction Inspection</b></p>	<ul style="list-style-type: none"> <li>* ProSource will conduct an As-Built Construction Inspection for one day, upon completion of replacement of topsoil and grading, fertilization and seeding of the entire project area.</li> </ul>
<p><b>As-Built Construction Inspection Report</b></p>	<ul style="list-style-type: none"> <li>* ProSource will prepare and provide to the State a written report within 30 days after the As-Built Construction Inspection.</li> <li>* The As-Built Construction Inspection Report will contain:                             <ul style="list-style-type: none"> <li>- Location-referenced color photos of construction activities.</li> <li>- Map identifying locations where photographs were taken and locations where compliance checks were performed.</li> <li>- Executive Summary of the inspection findings concerning issues requiring resolution, areas of concern, and recommendations for resolution of issues.</li> <li>- Determination whether the transmission facility has been constructed in compliance with the siting laws, siting rules, and applicable Commission Orders.</li> </ul> </li> </ul>
<p><b>Reclamation and Revegetation Inspection</b></p>	<ul style="list-style-type: none"> <li>* ProSource will conduct a Reclamation and Revegetation Inspection for one day after one full growing season but not less than one year from the anniversary date of completion of fertilization and seeding.</li> <li>* The Reclamation and Revegetation Inspection will include follow-up inspection of areas of concern identified in the As-Built Construction Inspection.</li> </ul>
<p><b>Reclamation and Revegetation Inspection Report</b></p>	<ul style="list-style-type: none"> <li>* ProSource will prepare and provide to the State a written report within 15 days after the Reclamation and Revegetation Inspection.</li> <li>* The Reclamation and Revegetation Inspection Report will contain:                             <ul style="list-style-type: none"> <li>- Location-referenced color photos of construction activities.</li> <li>- Map identifying locations where photographs were taken and locations where compliance checks were performed.</li> <li>- Executive Summary of the inspection findings concerning issues requiring resolution, areas of concern, and recommendations for resolution of issues.</li> </ul> </li> </ul>

Task	Assumption
	- Determination whether the area affected by construction activities has been restored as near as practicable to the condition as it existed prior to the beginning of construction, including the reestablishment of desired plant species where applicable.

**Project Management Plan**

1. Mr. David Hennen, Director of Environmental Services at ProSource, will serve as the project manager and primary contact with NDPSC staff. Mr. Hennen has over 18 years of experience and is currently managing other NDPSC construction inspection projects.
2. The project manager will either perform the inspections or supervise and direct the field inspector for the performance of the scope of work and will perform the quality control of the reports.
3. Reports will be prepared by the inspector in a form and format approved by the NDPSC.
4. Quality control/quality assurance will be handled by the project manager.

**Cost Estimate**

The cost estimate, inclusive of expenses, to perform inspection services and the identified number of on-site inspections for the proposed Plains All American Pipeline, L.P. Bison Pipeline Project is as follows:

NDPSC Case No. PU-15-35  
 Plains Pipeline L.P.  
 Bison Pipeline Project  
**Proposed Cost: \$26,000**

**Additional Cost (if requested)**

Task	Description	Cost Estimate
Additional Inspection - Per Day	* Additional day of inspection associated with existing inspection trip (no additional mobilization costs). * Does not include an additional report.	\$1,200
Additional Inspection, Travel and Report	* Independent inspection, including travel and expenses. * Includes an additional field inspection report.	\$5,000

We greatly appreciate the opportunity to submit this scope of work and cost estimate and look forward to continuing to work with the NDPSC staff. Should further information be needed, please contact me by phone at 888.422.4449 or by email at [dhennen@prosourcectech.com](mailto:dhennen@prosourcectech.com).

Sincerely,

**ProSource Technologies, LLC**



David Hennen  
Director of Environmental Services