

**South Dakota Public Utilities Commission
 TransCanada Keystone Pipeline, LP
 Docket HP07-001
 Response to Staff's First Data Request**

**June 18, 2007
 Page 1 of 1**

1-10

Data Request:

Please provide by construction year the total dollars of construction labor per the categories provided in section 6.1.1 of the application per 20:10:22:24.

Response:

The table below presents a forecast of the total dollars of construction labor per category, based on current design and available information. The labor categories have been expanded from section 6.1.1 of the application to cover all crafts of labor.

<u>LABOR CATEGORY</u>	<u>ESTIMATED \$ CONSTRUCTION 2008</u>	<u>ESTIMATED \$ CONSTRUCTION 2009</u>
PIPELINE		
Contractor Supervision	\$3,270,000	\$0
Pipe Fitters/Welders	\$7,470,000	\$0
Operators	\$10,840,000	\$0
Teamsters	\$2,520,000	\$0
Laborers	\$4,190,000	\$0
Construction management, surveyors, inspectors, etc.	\$4,510,000	\$0
SUBTOTAL PIPELINE	<u>\$32,800,000</u>	<u>\$0</u>
PUMP STATIONS		
Contractor Supervision	\$20,000	\$660,000
Millwrights, Pipe Fitters/Welders,	\$0	\$4,010,000
Operators & Steel Workers	\$310,000	\$370,000
Masons, Carpenters & Labours	\$230,000	\$420,000
Pile Contractor	\$110,000	\$0
Electricians	\$0	\$550,000
Instrument Fitters	\$0	\$340,000
Painters	\$0	\$100,000
Carpenters	\$0	\$100,000
Construction management, inspectors, etc.	\$200,000	\$700,000
SUBTOTAL PUMP STATIONS	<u>\$870,000</u>	<u>\$7,250,000</u>
TOTAL LABOR	\$33,670,000	\$7,250,000

**South Dakota Public Utilities Commission
TransCanada Keystone Pipeline, LP
Docket HP07-001
Response to Staff's First Data Request**

**June 18, 2007
Page 1 of 1**

1-11

Data Request:

Please provide by year, for the first ten years, the number of permanent employees by job category and corresponding labor dollar expenditures by year by job category per 20:10:22:24.

Response:

The pipeline facility design and locations have not been finalized. Considerations in placement and number of operating staff will include:

- Call out and emergency response time
- Travel exposure
- Allowable hours of work
- Working alone, back up, vacation coverage
- Operational and maintenance requirements

Table 1 contains a rough estimate of the annual permanent employees expected in the state of South Dakota. The number of permanent employees is expected to be relatively constant over the first ten years of operation, while expenditures are expected to increase with inflation. In addition to permanent employees, Keystone anticipates that a number of part time contract employees will be required in South Dakota.

**Table 1: Forecast South Dakota Permanent Employees
and Labor Dollar Expenditures by Job Category**

Labor Category	Number of FTE	Expenditure
Journeyman Electrician	2	\$158,000
Pipeline Technician	<u>1</u>	<u>\$79,000</u>
Total Labor	3	\$237,000