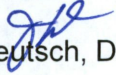


# PUBLIC SERVICE COMMISSION

Abandoned Mine Lands Division

## Memorandum

TO: Commissioners Fedorchak, Christmann and Kalk  
Darrell Nitschke  
Illona A. Jeffcoat-Sacco and Jack Schuh

From:  Jim Deutsch, Director - AML Division

Date: July 27, 2016

Subject: Change Orders for the 2016 Wilton Phase 2, Case No. AM-16-25

On May 18<sup>th</sup> the Commission entered into Contract No. AM-757-16 in the amount of \$1,238,475 with B & C Concrete Pumping, Inc. of Williston for the Wilton Phase 2 AML Project. This project is for rotary drilling and pressurized grouting of underground mine workings that are located beneath public roads near Wilton. We estimated that 20,000 feet of rotary drilling will be needed this year, that 3,500 feet of casing will be used when mine voids are found, and that 7,500 cubic yards of grout will be needed to fill voids. In addition, the Commission entered into a contract with GEOSERV, Inc. of Bismarck for material testing and other services associated with the Wilton Project.

To date, work has been completed along the north ditch of State Highway 36 southeast of Wilton and a township road that intersects with Highway 36. The grout pumped along in one section of the Highway 36 work exceeded our estimate by over 2,000 yards. In addition, drilling along Highway 36 in another area has revealed more void space than anticipated. A substantial amount of grouting remains along Highway 36.

Using the Commission's change order policy to date, AML staff have issued two change orders for additional drilling and casing at Wilton in the total amount of \$43,550. Also, in June of this year, sinkholes were discovered close to Highway 200 at the Figenskau Mine east of Underwood to warrant approximately 3,500 feet of drilling in that highway right-of-way.

In addition to the change orders already issued, the AML Division would like Commission authorization to increase the contract amount by nearly \$200,000 above the already executed change orders as follows:

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|--|------------------|
| 1. Grout—1,300 cubic yards at \$130/yd | = \$169,000      |
| 2. Drilling—3,500 feet at \$6.50/foot  | = \$ 22,750      |
| 3. Casing—1,000 feet at \$5.85/foot    | = \$ 5,850       |
| 4. Mobilization to Figenskau           | = \$ 1,000       |
|  | <u>\$198,600</u> |

20 AM-16-25 Filed: 7/27/2016 Pages: 2  
Memorandum

Public Service Commission Staff

Jim Deutsch

An adjustment to the drilling and grouting contract will also require increases in the material testing contract with GEOSERV for grout testing as follows:

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|--|---------------------|
| 1. Laboratory Testing—26 series at \$118.75/series | = \$3,087.50        |
| 2. Field Representative—85 hours at \$37.50/hour   | = <u>\$3,187.50</u> |
|  | \$6,275.00          |

We have more than enough federal funds in our current construction grant for additional work under these two contracts. B & C Concrete Pumping and GEOSERV are willing to do the additional work under terms in the original contracts. With these increases and other AML work planned this fall, we still expect to carry over more than \$1 million in construction funds for projects in 2017.

Attached is a motion for the July 27<sup>th</sup> special Commission meeting to allow staff to issue additional change orders to increase the amount of Contract No. AM-757-16 with B & C Concrete Pumping, Inc. not to exceed an additional \$198,600 for drilling and grouting and to increase the amount of Contract No. AM-758-16 with GEOSERV, Inc. by an amount up to \$6,275. Change orders will only be issued as needed for additional work under these contracts.

#### Attachments

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