

AGENDA
COUNCIL COMMITTEE MEETING
MUNICIPAL DISTRICT OF PINCHER CREEK
January 22, 2019
9:00 am

1. Approval of Agenda
2. Closed Meeting Session
 - Public Works Call Log – FOIP Section 16
 - Small Tax Bylaw – FOIP Section 16
 - Land Report – FOIP Section 16 (10:00 am)
 - CAO Contract – FOIP Section 19 (11:00 am)
3. Beaver Mines Water and Wastewater Project Update (10:00 am)
 - Representatives from MPE will be attending the meeting
 - RFP – Beaver Mines Lot Servicing, dated January 17, 2019
 - Capital Project List and Summary, dated January 17, 2019
4. Round Table Discussion
5. Adjournment

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M.D. of Pincher Creek
1037 Herron Avenue
Pincher Creek, Alberta
T0K 1W0

January 17, 2019
File: N \Proposals\1770.P08.Rev1

Attention: Sheldon Steinke
Chief Administrative Officer

Dear Sir:

Re: RFP – Beaver Mines Lot Servicing

We are pleased to provide the following proposal in response to Council's request for an engineering fee proposal to include individual lot servicing in the Hamlet of Beaver Mines as an extension to the Beaver Mines – Distribution and Collection Project.

Project Understanding

We understand that the M.D. of Pincher Creek wishes to include individual lot servicing in Beaver Mines as a separate construction schedule within the contract documents for the Beaver Mines – Distribution and Collection Project. The primary focus of the work is to include the lot servicing within a larger project in an attempt to reduce total costs to the end user. The following scope of work is required to install the water and sanitary services including the connection to the existing household.

Scope of Work

MPE's scope of work will include preparation of lot servicing cards, incorporation of information into the contract drawings and specifications, contract administration, and part-time construction observations. The work shall include the following items:

- Lot Servicing Cards:
 - Drafting setup of individual lot servicing cards required,
 - Coordination of lot servicing card distribution to residents,
 - Allowance for three open meetings at the M.D.'s office for residents of Beaver Mines to attend and provide information or submit inquiries,
 - Collection of lot servicing cards completed by residents,
 - Allowance for 14 days of site visits (two people) to collect information and connection details to include in the contract documents,
 - Drafting required to finalize lot servicing cards.
 - Distribution of final lot servicing cards for signing by residents and landowners.
- Tender Package – drawings; specifications and detailed quantities preparation.
 - Verify contractor requirements for work on private property,
 - Determine permit and inspection requirements for individual lot services,
 - Submission of order of magnitude cost estimate for M.D. review,
 - Incorporate work into Beaver Mines – Distribution and Collection Project contract documents.

- Construction Observations – Part-time construction observations will be completed; allowing for a total of 1 hour/lot.
- Contract Administration – Coordinate construction with contractor and residents, change order preparation, administration, construction start-up meeting, allowance for two days of surveying for service layout, deficiency inspection, and preparation of progress certificates.

Our proposal was developed based upon our understanding of the following assumptions:

- Coordination of required permits and inspections will be completed by the Contractor through the contract documents.
- Contractor to coordinate completion of water and sanitary service connections by certified plumbers and/or subcontractors.
- Materials testing services available on an hourly basis, if required.

Deliverables:

- Lot servicing cards.
- Order of magnitude cost estimate for lot servicing construction.
- Hard and electronic copies of the contract documents.

Project Schedule

MPE is available to begin this work immediately and respectfully suggests a three-month timeframe to complete the above mentioned scope of work. The suggested timeframe assumes that locations of existing infrastructure (wells, septic tanks, etc.) can be field verified prior to tender. Winter weather could cause interruptions in the work and lead to delays in the schedule for tendering the Beaver Mines – Distribution and Collection Project.

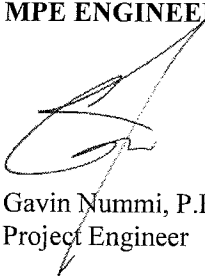
Fee Schedule

We respectfully suggest an upset engineering fee of \$74,700 (not including GST) to complete the scope of work noted above. Additional scope of work items may be reviewed for inclusion in the project by the M.D. These items will be discussed and MPE will provide an appropriate engineering fee proposal when requested.

We thank you for the opportunity to provide a fee proposal. We are available to begin work on this project upon notice to proceed. Should you have any inquiries with regards to our submission please do not hesitate to contact the undersigned at (403) 317-3658.

Yours truly,

MPE ENGINEERING LTD.



Gavin Nummi, P.Eng.
Project Engineer

:gn



Client: Municipal District of Pincher Creek
 Prepared GN
 Reviewed LS/JP
 Date: 17/01/2019

Capital Project List and Summary

Project	Status	Tender Acceptance Date	Construction Start Date	Contract Substantial Completion Date	Critical Path / Priority	Study Estimate	Current Projected Completion Cost	Funding Sources	Funded Amount	Projected/ Estimated MD Portion	Comments
Raw Water Intake Upgrades	Construction	12-Dec-17	12-Feb-18	30-Apr-18	1	\$ 1,813,000.00	\$ 2,676,280.62	Alberta Community Resilience Program (90% of \$1,808,755.56) Disaster Relief Program (\$229,388.20)	\$ 1,857,268.20	\$ 819,012.42	Substantial completion has been reached and MD has been utilizing the Oldman Reservoir as a source of raw water since mid July.
Beaver Mines Regional Water Project Contract 1 - Pipeline	Construction	03-Oct-17	01-Nov-17	Schedule A - 31-May-18 Schedule B - 15-Oct-18	2	\$ 7,602,350.00	\$ 6,141,472.49	Water 4 Life Funding (88.26% of \$5,335,340.00) Caste Area Servicing Upgrades (100%) Total Blended Funding Rate = 91.44%	\$ 5,355,707.08	\$ 785,765.41	Pipeline installation is complete. Remaining pressure testing and flushing to commence after Booster Station is commissioned.
Beaver Mines Regional Water Project Contract 2 - Mechanical	Construction	12-Dec-17	Apr-18	31-Aug-18	3						Remaining construction includes Beaver Mines Reservoir access road and minor building deficiencies. Commissioning schedules being confirmed.
Beaver Mines Water and Wastewater Servicing	Detailed Design	--	--	--	4	\$ 5,380,000.00	--	Small Community Grant (33% Federal, 33% Provincial, 33% MD) up to \$9,000,000. Federal Funding is not to exceed 50% of the project. <i>Values shown are preliminary estimates.</i>	\$ 3,586,666.67	\$ 1,793,333.33	Land negotiations are ongoing. Council is currently reviewing alternatives for lot servicing.
Beaver Mines Wastewater Treatment	Option Identification	--	--	--	4	--	--	Remaining funding from Small Community Grant (estimated \$3,620,000). Additional funding has been applied for under the AMWWP Grant (Maximum theoretical amount of 75%). Federal Funding is not to exceed 50% of the project. Total funded amount is variable depending on MD's allocation of approved grants. Estimated MD portion highly dependent on selected wastewater treatment alternative.			Updated grant applications have been submitted for provincial/federal consideration. Land negotiations are ongoing relating to land determined to be suitable for a wastewater lagoon and treated effluent irrigation.
Castle Area Servicing Regional Water Supply	Detailed Design	--	Oct-18	--	5	\$ 10,572,050.00	--	Provincial Funding (100%)	\$ 11,300,000.00	\$ -	Pipeline contract has been awarded. Tentative construction start date is May-2019. Mechanical contract to be tendered Mid-February. RFQ process for mechanical contract closes January 22. Funding for the project has been confirmed.

Notes:

- All prices exclude GST.
- Contract 1 of the Beaver Mines Regional Water Project includes repurposing the existing raw water intake pipeline from the Castle River for use as a potable water transmission line. The Raw Water Intake Upgrades must be completed prior to this work taking place.
- EPEA approvals for the Beaver Mines Water and Wastewater Servicing Project will not be granted until there is a commitment to a wastewater treatment system for the community. The requirement for a wastewater treatment system prior to an EPEA approval being granted has been confirmed by Jeffrey Wu, Alberta Environment and Parks.