


AGENDA
COUNCIL COMMITTEE MEETING
MUNICIPAL DISTRICT OF PINCHER CREEK
May 25, 2021
via GoToMeeting
11:00 am

1. Approval of Agenda
2. Beaver Mines Standpipe Update
 - Report from February 2021, for reference
 - Tabling Motion from February 2021
 - Verbal Update to be provided at meeting
3. Closed Session
 - a) 2020 Snake Trail Fire – FOIP Sec. 17
 - b) 2020 Outstanding Property Tax – FOIP Sec. 17
4. Adjournment

Administration Guidance Request

TITLE: TEMPORARY STANDPIPE IN BEAVERMINES AND UPGRADES TO THE STANDPIPES IN COWLEY AND PINCHER CREEK			
PREPARED BY: Aaron Benson		DATE: February 4, 2021	
DEPARTMENT: Public Works and Services			
			ATTACHMENTS:
Department Supervisor	Date	30 Site photographs of the existing standpipes in Pincher and Cowley and flow point solar pictures 40 Price Quotation from Flowpoint 'hqt 'Dgexgt ' ' O lpgu 50 Rt leg'S wqcvkqp 'lt qo 'Hny r qlpv'ht 'wri t cf gu 60 Flowpoint Solar Powered Water Technical Data	
APPROVALS:			
<u>Aaron Benson</u>	<u>February 4, 2021</u>	<u>Troy MacCulloch</u>	
Department Director	Date	CAO	Date

REQUEST FOR COUNCIL:

The MD approves a new standpipe as a temporary solution in Beaver Mines and new upgrades for the existing standpipes located in the Village of Cowley and Pincher Creek.

BACKGROUND:

A new standpipe has been discussed in Council to accommodate as a temporary water source for residents while the Beaver Mines Project is waiting for construction to happen; In addition, upgrades to the existing standpipes in Cowley and Pincher Creek will extend the life out of the infrastructure and provide better ways of payment for residents.

New Standpipe

1. The costs associated with a new standpipe at the Metering Station is an excellent option as the Municipality owns the property.
2. It will require more significant turnaround for vehicles, and a fire hydrant will connect into the unit and will be needed.
3. Build a standpipe by using MSI funding, so the community has a temporary water source until the Beaver Mines project's construction is built.
4. The new standpipe is portable, uses solar and can be relocated to other locations.

Upgrades to existing standpipes

Administration Guidance Request

5. Upgrades will allow residents to use other forms of payment such as credit cards or be directly billed.
6. The existing standpipes in Cowley and Pincher Creek are old, still use coins, and require more repairs.
7. Pincher Creek – New siding, modifications to accept the equipment, new piping as replacement, access terminal through the wall, electrical, and insulation inside the standpipe would happen.
8. Cowley – New access terminal, modifications to accept the equipment, new piping as a replacement, new door, and electrical installation would happen.

FINANCIAL IMPLICATIONS:

The total project costs to complete the upgrades and the new standpipe in Beaver Mines is estimated at **\$190,000.**

Option 1: Scope of Work

MSI Funding	\$110,000
Purchase only the new Standpipe and Installation work for Beaver Mines.	<u>\$110,000</u>
Total Cost:	\$110,000

Option 2: Scope of Work

MSI Funding	\$190,000
Pincher Creek Standpipe Work	\$45,000
Village of Cowley Standpipe Work	\$35,000
Purchase the new Standpipe and Installation work for Beaver Mines.	<u>\$110,000</u>
Total Costs:	\$190,000

Site photograph 1: Represents the Pincher Creek Stand Pipe.



Site Photograph 2: Represents the Cowley standpipe.



Site photograph 3: Represents the flow point access terminals.




Flowpoint Environmental Systems LP


8703 98 ST
 Morinville, AB, T8R 1K6
 CANADA
 Phone: (877) 655-5585 Fax: (888) 655-5588
 Email: sales@flowpointsystems.com

PRICE QUOTATION

Quotation Number: 0321-S-0053
 Quotation Date: 2021-02-01
Expiration Date: 2021-04-01
 Ship Via: INCLUDED
 FOB: FOB FACTORY
 Sales Person: BASIL ELLINGER
 Terms: NET 30 DAYS

To: MD OF PINCHER CREEK

1037 HERRON AVE
 PINCHER CREEK, AB T0K 1W0
 Attn:AARON BENSON

Line	Description	Quantity	Rate	Extended
1	3" SOLAR WATER STATION INCLUDES: SKID MOUNTED INSULATED ENCLOSURE, 3" BACKFLOW PREVENTOR, 3" COMBINATION CONTROL VAVE & FLOW METER, 3" STRAINER, 2.5" CAMLOCK OUTLET CONNECTION, INTRUSION AND LOW TEMPERATURE ALARM.	1.00	-	-
2	SOLAR PANEL, 2 BATTERIES, CONTROLLER, & SWIVEL MOUNT	1.00	-	-
3	ACCESS TERMINAL-THROUGH WALL 14" WIDE X 22" TALL X 16" DEEP NEMA 3R POWDERCOATED ALUMINUM INCLUDES ALLEN BRADLEY PLC AND FLOWPOINT STAINLESS STEEL KEYPAD THROUGH WALL MOUNT	1.00	-	-
4	STANDARD 3" OVERHEAD RACK INCLUDES: GALVANIZED STRUCTURAL STEEL, 3" 304 SS PIPING, 3" 304SS ELBOWS, 3" VICTAULIC PAINTED COUPLINGS, AND HARDWARE. NOT INCLUDED: CONCRETE ANCHORING HARDWARE.	1.00	-	-
5	1/2" AUTOMATED DRAIN ASSEMBLY	1.00	-	-
6	CELLULAR COMMUNICATION PACKAGE	1.00	-	-
7	PROPANE HEATER ASSEMBLY DOES NOT INCLUDE PROPANE BOTTLES.	1.00	-	-
8	SMS TEXT ALARM INTEGRATION 	1.00	-	-
9	FREIGHT-CAN	1.00	-	-
10	ONE DAY ONSITE STARTUP	1.00	-	-
ALL PRICES ARE IN CANADIAN DOLLARS			Quotation Total:	\$93,776.90

This is a quotation on the goods named, and is subject to the following conditions:

- Taxes are not included.
- Installation is by others. Owner is responsible for all utility service connections including water service to and from station. Owner is responsible for offloading and / or storing the station until it is installed.
- All Shop Drawing Submittals and O&M Manuals are in Electronic Form (PDF) only. Hard copies, binding, and printing costs are by others
- Payment Terms: 20% on approval of shop drawings, 80% on delivery of goods.
- FOB Factory means the Owner is responsible for the station during freight (including, but not limited to any damage to unit during freight).
- Start Up services require: 1. Minimum 3 weeks notice to book 2. Completion of Start-up readiness checklist.



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In lieu of a formal purchase order commitment, to accept this quotation as your purchase order please sign below.

Name

Position

Signature

Date



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Quotation Number: 0321-S-0053
 Quotation Date: 2021-02-01
Expiration Date: 2021-04-01
 Ship Via: INCLUDED
 FOB: FOB FACTORY
 Sales Person: BASIL ELLINGER
 Terms: NET 30 DAYS

Flowpoint One Year Manufacturer's Warranty (Included):

Flowpoint Environmental Systems (Manufacturer) warranty is as follows, and extends ONLY to the original purchaser of the equipment and is limited to the purchase price of each part. Manufacturer warrant products against defects in materials or workmanship as follows:

DURATION: The Manufacturer's warranty will apply for a period of 1 (one) year from the date of commissioning (start up) or 18 months from the date of shipment, whichever comes first.

PARTS: Manufacturer will supply, at no charge, new or rebuilt replacement parts in exchange for parts that the Manufacturer determines are defective subject to the limitations of this warranty. Manufacturer warrants any such replacement parts against defects in materials or workmanship for the remaining portion of the original warranty period.

This warranty "does not cover" installation of the system or damages incurred during shipping.

This warranty "does not cover" consumer instruction, physical set up or adjustment of any electronic equipment, communication / signal reception problems, loss of use of the equipment, or unused programming charges due to equipment malfunction.

This warranty "does not cover" cosmetic damage, damage due to lightning, electrical surges, fire, flood, or other acts of God, accident, misuse, abuse, vandalism, repair or alteration by other than factory service, negligence, or improper or neglected maintenance.

This warranty "does not cover" equipment sold AS IS, REFURBISHED, or WITH ALL FAULTS, auction sales, equipment removal or reinstallation, nor equipment purchased, serviced, or operated by other dealers.



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Flowpoint Environmental Systems LP

8703 98 ST
 Morinville, AB, T8R 1K6
 CANADA
 Phone: (877) 655-5585 Fax: (888) 655-5588
 Email: sales@flowpointsystems.com

Quotation Number: 0320-S-0377R1
 Quotation Date: 2021-02-02
Expiration Date: 2021-04-02
 Ship Via: INCLUDED
 FOB: FOB FACTORY
 Sales Person: BASIL ELLINGER
 Terms: NET 30 DAYS

To: MD OF PINCHER CREEK

1037 HERRON AVE
 PINCHER CREEK, AB T0K 1W0
 Attn:AARON BENSON

Line	Description	Quantity	Rate	Extended
1	ACCESS TERMINAL-THROUGH WALL 14" WIDE X 22" TALL X 16" DEEP NEMA 3R POWDERCOATED ALUMINUM INCLUDES ALLEN BRADLEY PLC AND FLOWPOINT STAINLESS STEEL KEYPAD THROUGH WALL MOUNT	1.00	-	-
2	CELLULAR COMMUNICATION PACKAGE	1.00	-	-
3	WW-2"-910E0-03-G53-G-C-NP-EB-5AC-NN-N	1.00	-	-
4	WILKINS 2" 375XL - REDUCED PRESSURE BFP	1.00	-	-
5	AIR GAP-2"	1.00	-	-
6	1/2" NPT,2 WAY,NORMALLY OPEN,120VAC	1.00	-	-
7	FREIGHT-CAN	1.00	-	-
8	4 HOUR REMOTE STARTUP	1.00	-	-
ALL PRICES ARE IN CANADIAN DOLLARS			Quotation Total:	\$24,930.79

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 Name

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 Signature

 Date


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8703 98 ST

Morinville, AB, T8R 1K6

CANADA

Phone: (877) 655-5585 Fax: (888) 655-5588

Email: sales@flowpointsystems.com

PRICE QUOTATION

Quotation Number: 0320-S-0377R1
 Quotation Date: 2021-02-02
Expiration Date: 2021-04-02
 Ship Via: INCLUDED
 FOB: FOB FACTORY
 Sales Person: BASIL ELLINGER
 Terms: NET 30 DAYS

Flowpoint One Year Manufacturer's Warranty (Included):

Flowpoint Environmental Systems (Manufacturer) warranty is as follows, and extends ONLY to the original purchaser of the equipment and is limited to the purchase price of each part. Manufacturer warrant products against defects in materials or workmanship as follows:

DURATION: The Manufacturer's warranty will apply for a period of 1 (one) year from the date of commissioning (start up) or 18 months from the date of shipment, whichever comes first.

LABOR: If Manufacturer determines that the equipment is defective subject to the limitations of this warranty, Manufacturer will replace or repair it at no charge for labor. Manufacturer warrants any such work done against defects in materials or workmanship for the remaining portion of the original warranty period.

PARTS: Manufacturer will supply, at no charge, new or rebuilt replacement parts in exchange for parts that the Manufacturer determines are defective subject to the limitations of this warranty. Manufacturer warrants any such replacement parts against defects in materials or workmanship for the remaining portion of the original warranty period.

This warranty "does not cover" installation of the system or damages incurred during shipping.

This warranty "does not cover" consumer instruction, physical set up or adjustment of any electronic equipment, communication / signal reception problems, loss of use of the equipment, or unused programming charges due to equipment malfunction.

This warranty "does not cover" cosmetic damage, damage due to lightning, electrical surges, fire, flood, or other acts of God, accident, misuse, abuse, vandalism, repair or alteration by other than factory service, negligence, or improper or neglected maintenance.

This warranty "does not cover" equipment sold AS IS, REFURBISHED, or WITH ALL FAULTS, auction sales, equipment removal or reinstallation, nor equipment purchased, serviced, or operated by other dealers.



FLOWPOINT SOLAR POWERED WATER GENERAL

* specifications of models available may vary from the model shown.

Technical Data

Solar PV Module:

- Model Trina TSM-250 PC/PC05
- Max. Efficiency: 15.3%
- Max. Power Output: 250W
- Max. Power Voltage: 30.3V
- Max. Power Current: 8.27A
- Cell Orientation: 60 cells (6x10)
- Dimensions: 1650x992x40mm (65.95x39.05x1.57 inches)
- Weight: 19.5kg (43.0lb)
- Operational Temp.: -40 to +85 C

Solar Controller

- Manufacturer: Morningstar Corp.
- Model: Prostar PS-15
- Rated Solar Current: 15A
- Rated Load Current: 15A
- System Voltage: 12/24V
- Self Consumption 22mA
- Operational Temp: -40 to + 60 C

Batteries

- Manufacturer: Deka
- Part Number: 8A-31 AGM Series
- Dual Purpose / Deep Cycling Battery
- Volts: 12
- Weight: 31.1kg (68.5lb)

NO POWER? NOPROBLEM!

Portable stations can be installed over a fire hydrant, beside a fire hydrant or on a trailer connected to a fire hydrant. Haulers can access their account by entering in their four digit access number and four digit PIN number. Transactions are time and date stamped logged in Flowpoint WATER+ software.

A solar powered bulk water dispensing station may be integrated with multiple Flowpoint bulk water dispensing stations so that account information is synchronized to all stations in your system.

ACCESS TO YOUR SITE IS CONTROLLED REMOTELY

Individual user access and site hours of operation are parameters that are controlled remotely through the WATER+ software and communicated over cellular data modem on a scheduled basis.

OPTIONAL HEATER

The solar powered Water General is not designed with a heater and is generally recommended for seasonal usage, however an optional propane or natural gas heater may be added for year round use.









Google Maps Surrey, British Columbia



Image capture: Oct 2018 © 2020 Google



Property & Equipment of
**AMERICAN
WATER O&M**
MILITARY
VEHICLES
ONLY



Minutes
Regular Council Meeting
Municipal District of Pincher Creek No. 9
February 9, 2021

a) Landfill Billing

Councillor Quentin Stevick 21/087

Moved that after reviewing the Landfill billing structure, the current billing structure will remain in effect;

AND THAT Council welcomes input from any business or person in regards to the impact of the current Landfill billing structure.

Carried

K. CLOSED SESSION

Councillor Terry Yagos 21/088

Moved that Council move in to closed session to discuss the following, the time being 3:41 pm:

- a. Peer Review for Castle Mountain Parks Summary, 2019 - FOIP Section 19
- b. Temporary Standpipe in Beaver Mines/Upgrades to Standpipe in Pincher Creek and Cowley - FOIP Section 17
- c. ICF - Municipality of Crowsnest Pass - FOIP Section 17
- d. Road Closure and Purchase Request - FOIP Section 17
- e. Road Closure and Purchase Request - FOIP Section 17

Carried

Councillor Terry Yagos 21/089

Moved that Council open the Council meeting to the public, the time being 4:55 pm.

Carried

- a. Peer Review for Castle Mountain Parks Summary, 2019

Councillor Terry Yagos 21/090

Moved that the peer review for Castle Mountain Parks submitted to the Castle-Livingstone-Porcupine Hills Recreation Advisory Group, and the Council, be received as information.

Carried

- b. Temporary Standpipe in Beaver Mines/Upgrades to Standpipe in Pincher Creek and Cowley

Councillor Bev Everts 21/091

Moved that the information on the temporary standpipe be tabled until the meeting on February 23, 2021 pending further options.

Carried

- c. ICF - Municipality of Crowsnest Pass

Councillor Terry Yagos 21/092

Moved that Council approve the Intermunicipal Collaboration Framework (ICF) Agreement between the MD of Pincher Creek and the Municipality of Crowsnest Pass, which determines shared services and the related funding percentages as agreed within.

Carried