



11A1

Agenda Bill No.: 24-1378

Assembly Meeting Date: 04/23/24

Business Item Description:	Attachments:
Subject: Contract to obtain a SCADA	1. Resolution 24-04-1108
Originator: Contracts and Grants Administrator	
Originating Department: Water/Sewer	
Date Submitted: 4/18/24	

Full Title/Motion:
Motion: Adopt Resolution 24-04-1108

Administrative Recommendation:

Fiscal Impact:			
Expenditure Required	Amount Budgeted	Appropriation Required	Projected Impact to Future Operating Budgets
\$ 63,096.40	\$ 100,000.00	\$ 0	

Comprehensive Plan Consistency Review:	
Comp Plan Goals/Objectives:	Consistent: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Summary Statement:
In the FY23 budget the Borough budgeted \$100,000 for "Water System SCADA" of American Rescue Plan Act of 2021 Local Government Lot Revenue Relief funds. These funds must be expended by the end of this calendar year.

Referral:	
Referred to:	Referral Date:
Recommendation:	Meeting Date:

Assembly Action:	
Meeting Date(s): 04/23/24	Public Hearing Date(s):
	Postponed to Date:

HAINES BOROUGH, ALASKA
RESOLUTION No. 24-04-1108

A Resolution of the Haines Borough Assembly authorizing the Borough Manager to execute a contract to obtain a Supervisory Control & Data Acquisition Water and Sewer Department System (SCADA) from Correct Equipment for a Mission SCADA and to provide associated electrical installation services to support the project for an amount not to exceed \$63,096.40.

WHEREAS, Traditional SCADA for water/wastewater requires users to build their own proprietary system. This is a prepackaged turnkey SCADA and is optimized and managed entirely by Mission. Mission remote terminal units (RTUs) are designed for the specific purpose of water/wastewater monitoring; and

WHEREAS, Remote monitoring capabilities for both water and wastewater facilities allows for the ability to quickly identify issues reducing staff costs and increasing efficiency. Mission simplifies compliance reporting with their customized reports, graphs, and data. All data access is available through any web-based Human Machine Interface (HMI) and is optimized for computers, smartphones, and tablets; and

WHEREAS, The provided quote includes SCADA setup/installation, Mission Communication Equipment, and system operator training for the Lily Lake Water Treatment Plant, FAA Tank, Piedad Water Treatment Plant, Young Road DW Boost Station/Tank, and Barnett DW Boost Station/Tank; and

WHEREAS, Further, the provided quote includes SCADA setup/installation, Mission Communication Equipment, and system operator training for the Beach Road Wastewater Lift Station, 1 Miles Wastewater Lift Station, Skyline Wastewater Lift Station, Wastewater Treatment Plant Lift Station; and

WHEREAS, The estimate for electrical installation work for each location will provided by Jacob Hakala of Hakala Electric for \$12,802; and

WHEREAS, Haines Borough Code Section 3.60.170 provides for exceptions to competitive sealed bidding and submission of quotations for contracts for specialized consultants and Correct Equipment is a specialized consultant; and

WHEREAS, Sufficient funds are available for this project since, in the FY23 budget, the Haines Borough budgeted \$100,000 for "Water System SCADA" of American Rescue Plan Act of 2021 (ARPA) Local Government Lost Revenue Relief funds. These funds must be expended by the end of this calendar year,

NOW, THEREFORE, BE IT RESOLVED that the Haines Borough Assembly authorizes the Borough Manager to execute a contract with Correct Equipment and Hakala Electric for the Supervisory Control & Data Acquisition Water and Sewer Department project for an amount not to exceed \$63,096.40.

Adopted by a duly-constituted quorum of the Haines Borough Assembly on this 23rd day of April, 2024.

Attest:

Thomas C. Morphet, Mayor

Aleka Fullerton, MMC, Borough Clerk



Correct Equipment
Address: 14576 NE 95th Street
Redmond, WA 98052
Redmond, WA: (425) 869-1233
Canby, OR: (503) 582-0555
Toll Free: (877) 371-4555
WWW.CORRECTEQUIPMENT.COM

February 19, 2024

Dennis Durr
Haines AK

RE: Mission Communication

1 New Account/Website Setup SW550 Price \$250

Water Distribution

Lily Lake WTP Turb x 4 , Flow, Chlorine

1 Mission M853 RTU Price \$2,700

RTU – Wireless Real–Time Alarm System with Streaming Data – FlatPak Enclosure
Mounts inside MCC cabinet, includes all parts for standard installation

- Touch Screen
- Battery Back-up
- Eight Digital Inputs (Expandable to 16 with Adams Digital Expansion Module)
- Two 4-20 mA inputs (Expandable to 9 with Adams Analog Expansion Module)
- Antenna

1 1-year Service Plan MyDro 850 Price \$563.40

1 Expansion Module — Analog Input 7–channel analog input module Price \$710

1 Service Package — Expansion/Option Board — 1 year Price \$75

FAA Tank Chlorine/Tank Level/PH/

1 Mission M851 RTU Price \$2,700

RTU – Wireless Real–Time Alarm System with Streaming Data – NEMA 1 Enclosure
Indoor wall mounting enclosure, not weatherproof, includes all parts for standard installation

- Touch Screen
- Battery Back-up
- Eight Digital Inputs (Expandable to 16 with Adams Digital Expansion Module)
- Two 4-20 mA inputs (Expandable to 9 with Adams Analog Expansion Module)
- Antenna

1 1-year Service Plan MyDro 850 Price \$563.40

1 Expansion Module — Analog Input 7–channel analog input module Price \$710

1 Service Package — Expansion/Option Board — 1 year Price \$75

1 Tank and Well Control Package Price \$1,250



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Piedad WTP Chlorine/Flow/Turb/UV Alarm x4

- 1 Mission M853 RTU Price \$2,700
RTU – Wireless Real–Time Alarm System with Streaming Data – FlatPak Enclosure
Mounts inside MCC cabinet, includes all parts for standard installation
- Touch Screen
 - Battery Back-up
 - Eight Digital Inputs (Expandable to 16 with Adams Digital Expansion Module)
 - Two 4-20 mA inputs (Expandable to 9 with Adams Analog Expansion Module)
 - Antenna
- 1 1-year Service Plan MyDro 850 Price \$563.40
1 Expansion Module — Analog Input 7–channel analog input module
1 Service Package — Expansion/Option Board — 1 year

Young Rd DW Boost Station/Tank Hi/Low Tank, Level/Flow meter monitoring

- 1 Mission M851 RTU Price \$2,700
RTU – Wireless Real–Time Alarm System with Streaming Data – NEMA 1 Enclosure
Indoor wall mounting enclosure, not weatherproof, includes all parts for standard installation
- Touch Screen
 - Battery Back-up
 - Eight Digital Inputs (Expandable to 16 with Adams Digital Expansion Module)
 - Two 4-20 mA inputs (Expandable to 9 with Adams Analog Expansion Module)
 - Antenna
- 1 1-year Service Plan MyDro 850 Price \$563.40
1 Expansion Module — Analog Input 7–channel analog input module Price \$710
1 Service Package — Expansion/Option Board — 1 year Price \$75
1 Tank and Well Control Package Price \$1,250

Barnett DW Boost Station/Tank Hi/Low Tank Level/Flow meter monitoring

- 1 Mission M853 RTU Price \$2,700
RTU – Wireless Real–Time Alarm System with Streaming Data – FlatPak Enclosure
Mounts inside MCC cabinet, includes all parts for standard installation
- Touch Screen
 - Battery Back-up
 - Eight Digital Inputs (Expandable to 16 with Adams Digital Expansion Module)
 - Two 4-20 mA inputs (Expandable to 9 with Adams Analog Expansion Module)
 - Antenna
- 1 1-year Service Plan MyDro 850 Price \$563.40
1 Expansion Module — Analog Input 7–channel analog input module Price \$710
1 Service Package — Expansion/Option Board — 1 year Price \$75



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Sewer Collections

Beach Rd WWLS Hi/Low Level

- 1 Mission M152 RTU Price \$2,050
RTU – MyDro Wireless Real–Time Alarm System – NEMA 4X Enclosure
Outdoor enclosure, includes all parts for standard installation
- Touch Screen
 - Battery Back-up
 - Eight Digital Inputs (Expandable to 16 with Adams Digital Expansion Module)
 - Two 4-20 mA inputs (Expandable to 9 with Adams Analog Expansion Module)
 - Antenna
- 1 Service Package — MyDro 150 Series — 1 year Price \$347.40

1 Miles WWLS Hi/Low Level

- 1 Mission M152 RTU Price \$2,050
RTU – MyDro Wireless Real–Time Alarm System – NEMA 4X Enclosure
Outdoor enclosure, includes all parts for standard installation
- Touch Screen
 - Battery Back-up
 - Eight Digital Inputs (Expandable to 16 with Adams Digital Expansion Module)
 - Two 4-20 mA inputs (Expandable to 9 with Adams Analog Expansion Module)
 - Antenna
- 1 Service Package — MyDro 150 Series — 1 year Price \$347.40

Skyline WWLS Hi/Low Level

- 1 Mission M152 RTU Price \$2,050
RTU – MyDro Wireless Real–Time Alarm System – NEMA 4X Enclosure
Outdoor enclosure, includes all parts for standard installation
- Touch Screen
 - Battery Back-up
 - Eight Digital Inputs (Expandable to 16 with Adams Digital Expansion Module)
 - Two 4-20 mA inputs (Expandable to 9 with Adams Analog Expansion Module)
 - Antenna
- 1 Service Package — MyDro 150 Series — 1 year Price \$347.40



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Wastewater Treatment Plant Lift station Hi/Low Level/Flow

1 Mission M851 RTU

Price \$2,700

RTU – Wireless Real–Time Alarm System with Streaming Data – NEMA 1 Enclosure

Indoor wall mounting enclosure, not weatherproof, includes all parts for standard installation

- Touch Screen
- •Battery Back-up
- •Eight Digital Inputs (Expandable to 16 with Adams Digital Expansion Module)
- •Two 4-20 mA inputs (Expandable to 9 with Adams Analog Expansion Module)
- •Antenna

1 1-year Service Plan MyDro 850

Price \$563.40

EQUIPMENT TOTAL: \$35,794.40

FREIGHT ESTIMATE: \$500

Budget Price for Installation Assistance, Start-up and Training: \$14,000

Correct Equipment Technician to assist Electrical Contractor with installation and then provide Start-up and Training.

Estimated install time is 4-5 days

Price is for one trip from our technician.

TOTAL BUDGET PRICE: \$50,294.40

Terms & Conditions of Sale:

-F.O.B.: Factory

-Payment Terms: Net 30 Days – Our terms of payment are 100% payable 30 days after shipment. Since this is an agreement between Buyer and Seller, and Seller has no relationship with the third party owner, this agreement must be independent of any third party action or inaction. Payment will be due as indicated above without a dependency on the buyer being paid by the owner, with no further restriction or impediments, and regardless of any payment arrangement that may exist between contractor and owner.

-This price is in effect for 60 days.

-Submittals, if required, will be provided 2 weeks after receipt of all technical data at Correct Equipment.

-Delivery will be made in approximately 2-4 weeks after receipt of order and/or approvals and resolution of all necessary technical data at Correct Equipment

-Quotation prices do not include any sales taxes or any other taxes that may apply.

-This quotation is limited to the products and/or services as listed and excludes any item or service not specifically listed.

Dean Brown

deanb@correctequipment.com

Correct Equipment

425-466-6888

From: Jacob Hakala <hakala.electric@outlook.com>

Sent: Wednesday, April 3, 2024 7:27 PM

To: Dennis Durr <ddurr@haines.ak.us>

Subject: Re: Haines Mission Quote

CAUTION: This email originated from outside of the Haines Borough. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Good Evening Dennis,

Thanks for reaching out. Going over the cut sheets for the units, it appears that each location requires 120V AC for the control cabinet. Each location will need different types of raceway and conductors (both inside and outside locations, classified vs non classified locations). The material needs for each site will be different, and varied by where power is available.

What I can provide is a labor quote for \$9208 for install at all 9 sites.

Perhaps it is appropriate to include a \$400 material allowance for each site?

In that case, \$12,802.

Please note this is a rough estimate, not a formal bid.

Let me know if you have any questions or want to discuss,

Jake

Jacob Hakala

Hakala Electric

907-378-7706

hakala.electric@outlook.com

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