

# HEBER PUBLIC UTILITY DISTRICT

## REPORT TO BOARD OF DIRECTORS

**MEETING DATE:** December 19, 2024

**FROM:** Madeline Dessert, General Manager

**SUBJECT:** Information Regarding Purchase of a New Meter System

### **Background:**

Our meter system has slowly declined in the last couple of years. At this point, our staff is manually reading about 50% of our meters on a monthly basis. This is a strain on our staff time, budget and ability to complete other tasks. Last month our staff has to manually read 844 meters [750 unread + 94 re-reads].

### **FISCAL IMPACT:**

The cost of a new meter system will be between \$700,000 and \$900,000. HPUD has collected \$421,683 in water capacity and impact fees this year. This will cover about half of the new meter system. HPUD has earned \$280,138.76 in interest from LAIF since opening the account in 2023. The revenue from LAIF and the Impact/Capacity Fees will cover the majority of the Meter System \$701,821. Staff has not had success applying for grant funding to assist with this project.

### **CONCLUSION:**

Staff recommends approval of purchase of a new meter system not to exceed \$900,000.

### **ALTERNATIVES:**

1. Give direction to budget new meter system into 2024/2025 budget.
2. Give Direction to purchase system now

Respectfully Submitted,

Madeline Dessert

General Manager

# MetronFarnier

*Smart Water Meters & Systems*

Company 5665 Airport Blvd  
 Address: Boulder, Colorado 80301  
 United States

Purchase Order #:  
 Quote Number: Q-01394  
 Created Date: 04/18/2024  
 Expiration Date: 05/18/2024

Prepared By: Shelbi Hajek  
 Email: shelbi.hajek@metronfarnier.com

Bill To Name: City of Heber  
 Bill To:  
 ,  
 United States

Ship To Name: City of Heber  
 Ship To:  
 ,  
 United States

Quote To:

Additional To:  
 ,

Quantity	Product	Line Item Description	Sales Price	Total Price
1606	Spectrum 30DB 5/8x3/4 Brass	This package contains the following products: Spectrum 30DB 5/8x3/4 Brass Innov8-VN Antenna-Local Paddle	\$395.00	\$634,370.00
36	Spectrum 50DL 1" 10.75" LL	This package contains the following products: Spectrum 50DL 1" 10.75" LL Innov8-VN Antenna-Local Paddle	\$575.00	\$20,700.00
7	Spectrum 175D 3" 12" LL	This package contains the following products: Spectrum 175D 3" 12" LL Innov8-VN Antenna-Local Paddle	\$1,575.00	\$11,025.00
4	Spectrum 500D 4"	This package contains the following products: Spectrum 500D 4"	\$2,750.00	\$11,000.00

# Metron-Farnier

*Smart Water Meters & Systems*

		Innov8-VN Antenna-Local Paddle		
1673	Cellular Connectivity	10 Year Verizon Annual Service Plan	\$0.00	\$0.00
20	Spectrum 130D 2" 10" LL	This package contains the following products: Spectrum 130D 2" 10" LL Innov8-VN Antenna-Local Paddle	\$1,175.00	\$23,500.00

Residential Programming: 1000s Gallons

Commercial Programming: 1000s Gallons

Description:

Terms and Conditions:

- FOB Boulder, CO
- Quote is good for 30 days
- Payment net 30 days from date of shipment

Subtotal: \$700,595.00

Shipping Cost:

Tax: \$0.00

Grand Total: \$700,595.00



## Bid Proposal for Heber- Kamstrup AMI Upgrade

CUSTOMER	<b>HEBER PUBLIC UTILITY DISTRICT</b> 1085 INGRAM AVE HEBER, CA 92249	<b>Job</b> Heber- Kamstrup AMI Upgrade Heber, CA Bid Date: 11/05/2024 Bid #: 3851112
	<b>Sales Representative</b> Emma Kerman (T) 619-869-1383 Emma.Kerman@coreandmain.com	<b>Core &amp; Main</b> 1583 River Dr Brawley, CA 92227 (T) 7603512676
CONTACT		
NOTES	Sr. Sales Manager Brent Olson brent.olson@coreandmain.com (623) 745-5251	
	Quote for up to 2,400 connections	



Bid Proposal for Heber- Kamstrup AMI Upgrade

**HEBER PUBLIC UTILITY DISTRICT**

**Job Location:** Heber, CA

**Bid Date:** 11/05/2024

**Core & Main Bid #:** 3851112

**Core & Main**

1583 River Dr

Brawley, CA 92227

**Phone:** 7603512676

**Fax:** 7603444152

Seq#	Qty	Description	Units	Price	Ext Price
10		<b>KAMSTRUP FLOWIQ METERS</b>			
20	1613	3/4S FLOWIQ 2200 USG, SS 02-L-02-D-1-8N-8-UB CONFIG.	EA	300.00	483,900.00
50	36	1 FLOWIQ 2200 GAL ALD 10-3/4"LL SS BODY 02-L-02-D-1-8D-8-UB 02-L-02-D-1-8D-8-UB CONFIG.	EA	351.00	12,636.00
80	63	2 FLG FLOWIQ 3200 USG 17"LL SS BODY 02-L-02-D-1-8H-8-UB 02-L-02-D-1-8H-8-UB CONFIG.	EA	756.25	47,643.75
110	7	3 FLG FLOWIQ 3200 USG 12"LL SS BODY 02-L-02-D-1-8K-8-UB 02-L-02-D-1-8K-8-UB CONFIG.	EA	1,500.00	10,500.00
140	4	4 FLG FLOWIQ 3200 USG 14"LL SS BODY 02-L-02-D-1-8P-8-UB 02-L-02-D-1-8P-8-UB CONFIG.	EA	1,750.00	7,000.00
180		<b>AMI INFRASTRUCTURE</b>			
190	2	KAMSTRUP AMI RF COLLECTOR SET	EA	8,540.00	17,080.00
200		<b>**WITHOUT INSTALL**</b>			
210	1	KAMSTRUP 6697914 US PIT ANT 5" 6.6' CABLE, AMI CONNECTION	EA	20.67	20.67
220		<b>**ANTENNAS ARE AS NEEDED**</b>			
230	1	READY MTU	EA	153.75	153.75
240	1	ACCESSORY KIT FOR WALL OR PIT	EA	3.19	3.19
260		<b>HARDWARE</b>			
270	1	KAMSTRUP READY ADVANCED US CONVERTER 669640000.2	EA	1,856.70	1,856.70
290		<b>SOFTWARE FEES</b>			
300		<b>*ONE TIME FEES*</b>			
310	1	READY MANAGER WATER AMI	EA	18,668.75	18,668.75
320	1	AMI SYETEM ROLL OUT	EA	40,950.00	40,950.00
340		<b>*ANNUAL FEES*</b>			
350	1	READY MANAGER WATER HOSTING	EA	7,180.00	7,180.00
370		<b>**OPTIONAL SOFTWARE**</b>			
380	1	LEAK DETECTOR SUBSCRIPTION	EA	10,223.75	10,223.75
390	1	LEAK DETECTOR - UP & RUNNING	EA	1,679.03	1,679.03



Bid Proposal for Heber- Kamstrup AMI Upgrade

Bid #: 3851112

Seq#	Qty	Description	Units	Price	Ext Price
400	1	2400 - NOTIFICATIONS (ANNUAL)	EA	247.50	247.50
				<b>Sub Total</b>	<b>659,743.09</b>
				<b>Tax</b>	49,781.30
				<b>Total</b>	<b>709,524.39</b>

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>



# Bid Proposal for Heber-Kamstrup AMI/ALD

CUSTOMER	<b>HEBER PUBLIC UTILITY DISTRICT</b> 1085 INGRAM AVE HEBER, CA 92249	<b>Job</b> Heber-Kamstrup AMI/ALD Bid Date: 12/21/2022 Bid #: 2925324
	<b>Sales Representative</b> John Cataldi (T) 267-673-4146 John.Cataldi@coreandmain.com	<b>Core &amp; Main</b> 1583 River Dr Brawley, CA 92227 (T) 760-351-2676
CONTACT		
NOTES		



Bid Proposal for Heber-Kamstrup AMI/ALD

HEBER PUBLIC UTILITY DISTRICT

Bid Date: 12/21/2022

Core & Main 2925324

Core & Main

1583 River Dr

Brawley, CA 92227

Phone: 760-351-2676

Fax: 760-344-4152

Seq#	Qty	Description	Units	Price	Ext Price
		<b>DUE TO CURRENT SUPPLY CHAIN DISRUPTIONS, MATERIALS ARE SUBJECT TO PRICING AT TIME OF SHIPMENT. MATERIAL AVAILABILITY AND TIMELINESS OF SHIPMENTS CANNOT BE GUARANTEED. THIS TERM SUPERSEDES ALL OTHER CONTRACTUAL PROVISIONS.</b>			
10		<b>METERS/RADIOS/LEAK DETECTION</b>			
20	1606	3/4S FLOWIQ 2200 CF ALD 7-1/2"LL COMPOSITE BODY 02-K-02-D-1-8C-8-UB	EA	326.70	524,680.20
30	36	1 FLOWIQ 2200 CF ALD 10-3/4"LL SS BODY 02-L-02-D-1-8D-8-UB	EA	458.30	16,498.80
40	64	2 FLG FLOWIQ 3200 USG 17"LL SS BODY 02-L-02-D-1-8H-8-UB	EA	1,489.34	95,317.76
50	7	3 FLG FLOWIQ 3200 USG 12"LL SS BODY 02-L-02-D-1-8K-8-UB	EA	2,537.47	17,762.29
60	4	4 FLG FLOWIQ 3200 USG 14"LL SS BODY 02-L-02-D-1-8P-8-UB	EA	3,640.70	14,562.80
70	1	KAMSTRUP READY MTU 22011D00820	EA	201.00	201.00
90	30	KAMSTRUP 6697914 US PIT ANT 5" 6.6' CABLE, AMI CONNECTION	EA	51.66	1,549.80
100		<b>*IF NEEDED FOR COVERAGE*</b>			
110		<b>SET FOR 20% OF SYSTEM</b>			
120		<b>DEPLOYED WITH 1 COLLECTOR</b>			
				<b>SUBTOTAL</b>	<b>670,572.65</b>
130		<b>INFRASTRUCTURE &amp; INSTALL</b>			
140	1	KAMSTRUP AMI RF COLLECTOR SET	EA	10,462.37	10,462.37
150	1	COLLECTOR INSTALLATION POLE	EA	23,000.00	23,000.00
160	1	KAMSTRUP 66-96-006 READY BLUETOOTH OPTICAL HEAD	EA	1,163.75	1,163.75
170	1	SAMSUNG GALAXY TAB A8 TABLET	EA	562.50	562.50
180	1	KAMSTRUP 66-99-099 INFRARED OPTICAL READING HEAD W/USB	EA	273.00	273.00
190		<b>** PROJECT MANAGEMENT **</b>			
200	1	KAMSTRUP AMI SYSTEM ROLLOUT	EA	25,532.17	25,532.17
				<b>SUBTOTAL</b>	<b>60,993.79</b>
210		<b>SOFTWARE</b>			
220		<b>** ONE TIME FEES **</b>			
230	1	READY MANAGER WATER AMI	EA	17,948.20	17,948.20
240	1	LEAK DETECTOR - UP & RUNNING	EA	1,250.00	1,250.00
250		<b>** ANNUAL FEES **</b>			
260	1	READY MANAGER WATER HOSTING	EA	6,901.70	6,901.70
270	1	EMAIL / TEXT NOTIFICATIONS	EA	247.25	247.25
280	1	LEAK DETECTOR SUBSCRIPTION	EA	9,826.70	9,826.70





Bid Proposal for Heber-Kamstrup AMI/ALD

Bid #: 2925324

Seq#	Qty	Description	Units	Price	Ext Price
				<b>SUBTOTAL</b>	<b>36,173.85</b>
				<b>Sub Total</b>	<b>767,740.29</b>
				<b>Tax</b>	<b>0.00</b>
				<b>Total</b>	<b>767,740.29</b>

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