

## AGENDA ITEM SUMMARY

<b>Meeting Date:</b>	JUNE 5, 2019
<b>Agenda Category:</b>	NEW BUSINESS
<b>Agenda Item Number:</b>	11 D
<b>Subject:</b>	REALLOCATION OF FUNDS, UPGRADE TO LIFT STATION TELEMETRY MONITORING (WASTEWATER TREATMENT DEPARTMENT)

<b>Attachments:</b>	Memorandum; quote
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<b>Staff Contact:</b>	Wastewater Treatment Director Elmore
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<b>Background:</b>	<p>Because the SCADA Phase II project is behind schedule and cannot be completed by the end of this fiscal year, the Wastewater Treatment Department is requesting authorization to reallocate funds from SCADA Phase II for upgrades to the lift station telemetry monitoring units. Over the next year, the current technology will be phased out, and, as such, staff will not be able to support or monitor the existing units. Staff is therefore requesting approval to purchase 55 new lift station monitoring units in the amount of \$99,953.00. This price reflects a trade-in value of \$29,547.00, as well as a bulk discount that is being offered by the provider, Mission Communications, if all new monitoring units are purchased.</p>
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<b>Reference:</b>	FY 2019 Wastewater Treatment Budget
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<b>Suggested Action:</b>	Authorize the reallocation of funds from SCADA Phase II for upgrades to the lift station telemetry monitoring units and to approve the purchase of 55 new units from Mission Communications in the amount of \$99,953.00
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# MEMORANDUM

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TO: Dr. Brenda Fettrow, City Manager  
FROM: Jim Elmore, WWT Director *JE*  
DATE: May 29, 2019  
SUBJECT: Reallocation of funds to upgrade the Lift Station Telemetry Monitoring

*approved to  
go to Council.  
Dr. Fettrow  
5/29/2019*

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The Wastewater Department is requesting the reallocation of funds from the SCADA Phase II (400-0037-535.6403) to fund the following project:

Upgrading the Lift Station telemetry monitoring controllers. Mission Communications will be phasing out the older 3G technology hardware over the next year and will no longer be able to support or monitor the units we have.

Missions Communication is offering \$29,547.00 trade in value and bulk discount if we purchase all of these units. The 5G technology will provide real-time information on all City lift stations and allow staff the option to shut down selected groups of lift stations in case of a force main break.

I am requesting to purchase 55 – RM852N Mission Communications lift station monitoring units at a total cost of \$99,953.00.

The SCADA Phase II project is behind schedule and cannot be completed by the end of this fiscal year. We will complete the SCADA project in the next fiscal year.

Submitted for Councils approval.



# QUOTATION

3170 Reys Miller Rd, Ste. 190  
 Norcross GA 30071  
 PH: 877-993-1911 FX: 678-969-0541

Date	Quote #
5/23/2019	20051700

Customer Information
City of Rockledge Attn:Marsha Deskins 1700 Jack Oats Blvd. Rockledge, FL 32955

Ship To		
City of Rockledge Attn: Steve Blachaniec 1700 Jack Oaks Blvd Rockledge, FL 32955		
End User	Good Through	Terms
City of Rockledge	6/22/2019	Net 30

Qty	Item	Description	SerialNumber	Service St...	Service ...	Cost	Total
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0072	LS #01		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0095	LS #02		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0591	LS #03		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0592	LS #04		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0093	LS #05		*****	2,345.00
<b>Total</b>							



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1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0071	LS #06		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0057	LS #07		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC3668	LS #08		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0080	LS #09		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC2218	LS #10		*****	2,345.00
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1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS5601	LS #11		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0087	LS #12		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0088	LS #13		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0075	LS #14		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0092	LS #15		*****	2,345.00
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1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC1404	LS #16		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC3748	LS #17		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0078	LS #18		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0067	LS #19		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0082	LS #20		*****	2,345.00

						<b>Total</b>
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1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0068	LS #21		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC3762	LS #22		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC1406	LS #23		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0094	LS #24		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0079	LS #25		*****	2,345.00
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1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0081	LS #26		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC3761	LS #27		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0096	LS #28		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0962	LS #29		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0076	LS #30		*****	2,345.00
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1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0086	LS #31		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC3735	LS #32		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC1408	LS #33		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0085	LS #34		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC3736	LS #35		*****	2,345.00
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1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0084	LS #36		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0073	LS #37		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0069	LS #38		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC1943	LS #39		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0090	LS #40		*****	2,345.00
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1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0097	LS #41		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC1388	LS #42		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0070	LS #43		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC3749	LS #44		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0091	LS #45		*****	2,345.00
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1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC3746	LS #46 new		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC3767	LS #47		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0074	LS #48		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0379	LS #49		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS0083	LS #51		*****	2,345.00
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1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689SGC1401	LS #52		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	689MIS1148	LS #53		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	16MIS17897	LS #55		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	17MIS20508	LS #56		*****	2,345.00
1	RM852N	RTU – Retro-Fit MyDro for Wireless Real-Time Alarm System – NEMA 4X Enclosure (Outdoor enclosure; Includes all parts for standard installation)	18MIS22454	LS #57		*****	2,345.00
55	Matt Crousi... FREIGHT Matt Crousi...	Discount FREIGHT CHARGES RSM Shipping Discount				***** 15.00 -300.00	-29,547.00 825.00 -300.00
<b>Total</b>							USD 99,953.00