



## *Memo*

To: Board of Directors  
From: Alan E. Clanin, General Manager  
Date: June 25, 2019  
Subject: Approve DCU Upgrade to Aclara Meter Reading System

Crestline Village Water District has utilized the Aclara 3G Fixed Network Meter Reading System since 2010. Over the years, due to changes in technology, the District has been forced to upgrade the system to maintain meter reading capability. Verizon Wireless Communications is retiring its CDMA (Code Division Multiple Access) 3G Network at the end of 2019. Due to this discontinuance of service, it will be necessary for the District to upgrade the current Data Collector Units (DCU's) to 4G/LTE.

The retrofit /upgrade will allow the District to have two-way on demand communication with the Meter Telemetry Units. The quote by Aclara is \$40,300 to upgrade 10 DCU's or, \$4030 per DCU. The District has 8 DCU's on cellular service that will need to be retrofitted.

**Recommendation:**

Approve the Retrofit of Data Collector Units to the Verizon 4G/LTE.

The District has \$40,000 in the 2019-2020 fiscal year budget for this upgrade.



**Pricing Schedule**

**Confidential for Crestline Village Water District**

**Job: DCU Renewals - LTE & T-Boards**

**STAR® Fixed Network AMI System**

**June 5, 2019**

Item	Description	Part Number	Quantity	Price		Notes
				Each	Extended	
1	DCU Upgrade to LTE Communications & T-Board Retrofit- Aclara DCU Renewal Program	109-9975T-VER-LTE-RW	10	\$ 4,030.00	\$ 40,300.00	
	Includes Upgrade to LTE Communications, T-Board Retrofit, New DCU Battery, Preventative Maintenance Service, Renewed Warranty, Installation & Shipping					
<b>TOTAL</b>					<b>\$ 40,300.00</b>	

**General Note: This Proposal/Quotation is based upon the terms and conditions set forth in the Aclara Standard Terms and Conditions of Sales for Equipment and Certain Services that are available on Aclara's website at:**

<http://www.aclara.com/terms-and-conditions>

**Any conflicting or additional terms and conditions contained in any resulting purchase order are hereby rejected unless agreed to in writing by Aclara.**

**Additional Terms:**

- A. **Payment Terms Net 30 Days**
- B. **Prices Firm 60 days from the date of quotation.**
- C. **All Items FOB Origin**

**Notes**

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**Pricing Schedule**

**Confidential for Crestline Village Water District**

**Job: DCU Renewals - LTE Only**

**STAR® Fixed Network AMI System**

**June 5, 2019**

Item	Description	Part Number	Quantity	Price		Notes
				Each	Extended	
1	DCU Upgrade to LTE Communications - Aclara DCU Renewal Program	109-9975-VER-LTE-RW	10	\$ 2,250.00	\$ 22,500.00	
	Includes Upgrade to LTE Communications, New DCU Battery, Preventative Maintenance Service, Renewed Warranty, Installation & Shipping					
<b>TOTAL</b>					<b>\$ 22,500.00</b>	

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