

**CASTLE PINES METROPOLITAN DISTRICT  
BOARD OF DIRECTORS SPECIAL MEETING AGENDA**

Tuesday, December 29, 2020

9:00 a.m.

Location: District's Board Room - 5880 Country Club Dr., Castle Rock, Colorado

**The meeting will be conducted through a Zoom Meeting.**

**CALL TO ORDER**

	<u>Tab</u>	<u>Estimate</u>
1A Call to Order / Roll Call		9:00
1B Announcement of Quorum		9:00
1C Confirmation of Conflict Disclosures Filing		9:00
1D Approval of Agenda		9:00

**GUEST INTRODUCTIONS/COMMENTS FROM THE COMMUNITY**

2A Guest Introductions/Comments from the Community

**ACTION ITEM**

3A Consider Approval to Award Bid of Arapahoe Wells A-10 and A-12 Rehabilitation Project, Mr. Knight.	1	9:05
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**ADJOURN**

4A Adjournment		9:35
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**MEMORANDUM**

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**TO:** Board of Directors  
**FROM:** Burt Knight, District Manager  
**Prepared by:** Burt Knight, District Manager  
 Jason LeTellier, Superintendent  
**DATE:** December 29, 2020  
**SUBJECT:** Authorization of Agreement with Applied Ingenuity for A10 & A12 Well Rehabilitation

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**Request:**

Board authorization of Agreement with Applied Ingenuity for A10 and A12 Well Rehabilitation Project for the amount of \$417,651.00.

**Summary & Scope:**

- Board authorizing an Agreement with Applied Ingenuity for A10 & A12 Well Rehabilitation
- Project includes:
  - Remove existing piping and equipment
  - Video inspection
  - Jetting 13 hours and acid wash
  - Install a new pump, motor, controls, new drop pipe (portion stainless steel), system controls, and start-up services

**Prior Board Actions:**

The Board approved the project which included rehabilitation of these two wells at the September 17, 2020 Board Meeting. Details below are for the Rehabilitation of the Arapahoe Wells A10 & A12.

**Financial Considerations:**

<b>Previous Staff Estimate of Project:</b>	\$886,600
<b>Available Funds:</b>	
2021 Capital Expenditures	
Enterprise Fund 60-7XXX	<b>\$616,600</b>
<b>Use of Funds</b>	
Agreement with Applied Ingenuity	\$417,651
Contingency 10%	\$41,765
Project Management	\$50,000
<b>Total use of Funds</b>	<b>\$509,416</b>

**Background:**

The District operates nine wells for water supply. Four wells gain supply from the Arapahoe aquifer producing on average 500 gpm while the other five wells are located in Denver, Lower Dawson aquifers producing around 140 gpm. Demands have increased in the recent past and requires the District to need additional well capacity. In light of the water restrictions that were put in place in August, it was apparent that the District required a backup supply. The need to begin installation now is to allow the additional well to be available for the 2021 water supply season.

Staff proposed a project to the Board at the September 17, 2020 Board meeting which included installing a new Arapahoe Well and rehabilitation of two existing Arapahoe wells, A10 & A12. The project budget proposed for the work was \$2,591,600, with \$1,705,000 for the new well and \$886,600 for the wells A10 & A12 rehabilitation. The budget was approved to be split over the 2020 and 2021 budgets with \$405,000 in the 2020 budget and \$2,186,600 in the 2021 Budget. The proposed plan was approved and budgets established. The 2020 Budget funds will likely not be spent.

The Rehabilitation Project was advertised for bid on Bidnet with bids received December 18, 2020. Four bidders responded and all met the requirements of the bid documents. Applied Ingenuity submitted the highest value and lowest bid to the District. Applied Ingenuity’s President and Project Manager have experience working in the industry for over 30 years. They have worked with Parker and Castle Rock with both communities stated they were satisfied with their work.

**Bid Tabulation, Arapahoe Wells A10 & A12 Rehabilitation**

<b><u>Item</u></b>	<b>Applied Ingenuity</b>	<b>Colorado Pump</b>	<b>Hydro Resources</b>	<b>Layne</b>
Base Bid Rehabilitation	\$329,470	\$415,093	\$353,178	\$397,215
Bid Add – Jetting 13 hours and acid wash Well A10	\$41,270	\$40,981	\$44,000	\$31,210
Bid Add – Jetting 13 hours and acid wash – Well A12	\$46,911	\$49,473	\$49,000	\$34,800
<b>TOTAL:</b>	<b>\$417,651</b>	<b>\$505,547</b>	<b>\$446,175</b>	<b>\$463,225</b>

**Recommendation:**

The District recommends Applied Ingenuity be awarded the project for Arapahoe Well Rehabilitation of Wells A10 and A12 in the amount of \$417,651.

**Next Steps:**

1. Award Contract
2. Order Equipment
3. Coordinate with Consultant Project Manager
4. Meet with the contractor to discuss project logistics (resident notification process, weather and snow removal constraints, etc.)
5. Schedule with Contractor
6. Kick-off project
7. Monitor and coordinate project progression.
8. Project Close-out