

DRAFT

Attachment 2
Changes to Appendix D - Cost Tables

**APPENDIX D
COST ESTIMATES**

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**Cost Estimate Summary
Water Supply Project Option
September 2018 Prices
Bronte - Develop Edwards-Trinity-Plateau Supplies in Nolan Co.**

**Cost based on ENR CCI 11170.28 for September 2018 and
a PPI of 201.9 for September 2018**

<i>Item</i>	<i>Estimated Costs for Facilities</i>
CAPITAL COST	
Transmission Pipeline (6 in dia., 15.1 miles)	\$2,181,000
Well Fields (Wells, Pumps, and Piping)	\$612,000
TOTAL COST OF FACILITIES	\$2,793,000
Engineering and Feasibility Studies, Legal Assistance, Financing, Bond Counsel, and Contingencies (30% for pipes & 35% for all other facilities)	\$868,000
Environmental & Archaeology Studies and Mitigation	\$392,000
Land Acquisition and Surveying (40 acres)	\$65,000
Interest During Construction (3% for 1 years with a 0.5% ROI)	<u>\$114,000</u>
TOTAL COST OF PROJECT	\$4,232,000
ANNUAL COST	
Debt Service (3.5 percent, 20 years)	\$298,000
Operation and Maintenance	
Pipeline, Wells, and Storage Tanks (1% of Cost of Facilities)	\$28,000
Pumping Energy Costs (93680 kW-hr @ 0.08 \$/kW-hr)	\$7,000
TOTAL ANNUAL COST	\$333,000
Available Project Yield (acft/yr)	178
Annual Cost of Water (\$ per acft), based on PF=1.75	\$1,871
Annual Cost of Water After Debt Service (\$ per acft), based on PF=1.75	\$197
Annual Cost of Water (\$ per 1,000 gallons), based on PF=1.75	\$5.74
Annual Cost of Water After Debt Service (\$ per 1,000 gallons), based on PF=1.75	\$0.60
SFK	3/5/2024