

SKYLINE ISD WATER SYSTEM

LEVEL II STUDY

jk
20-094-01
2/17/2021

Skyline Level II - Water System Improvements									
Description	Quantity	Unit	Unit Price (2021)	Anticipated Year of Completion	Adjusted Unit Price (3.5%/yr)	Total Project Cost (incl. add. of project cost factors, or + 35% if applicable)	Portion WWDC Funded (67%, or 75% if Applicable)	WDSRF Loan Amount	
<u>WATER SUPPLY</u>									
Water System Controls	1	LS	\$ 100,015	2023	\$ 107,020	\$ 144,477	\$ 96,800	\$47,677	
Well #4 - Groundwater Exploration	1	LS	\$ 168,800	2023	\$ 180,620	\$ 180,620	\$ 135,465	\$45,155	
Well #4 - Completion	1	LS	\$ 114,324	2023	\$ 122,330	\$ 165,146	\$ 110,647	\$54,498	
Disinfection System - Sodium Hypo	1	LS	\$ 11,525	2023	\$ 12,340	\$ 16,659	\$ 11,162	\$5,497	
ULH VFDs for Wells #2 & #3	2	EA	\$ 12,270	2023	\$ 13,130	\$ 35,451	\$ -	\$35,451	
Well #2 Vault Repairs	1	LS	\$ 3,045	2023	\$ 3,260	\$ 4,401	\$ -	\$4,401	
Well #3 Vault Repairs	1	LS	\$ 1,150	2023	\$ 1,240	\$ 1,674	\$ -	\$1,674	
Generator NG Line	1	LS	\$ 16,610	2023	\$ 17,780	\$ 24,003	\$ -	\$24,003	
Totals:						\$ 572,500	\$ 354,100	\$218,400	
<u>WATER STORAGE</u>									
Replace Pressure Tank	1	LS	\$ 72,500	2023	\$ 77,580	\$ 104,733	\$ -	\$104,733	
HVAC - Humidistat Interlock w/ EF	1	LS	\$ 550	2023	\$ 590	\$ 797	\$ -	\$797	
Install Pressure Relief Valve to Daylight	1	LS	\$ 21,050	2023	\$ 22,530	\$ 30,416	\$ -	\$30,416	
Clean & Paint Piping & Tank	1	LS	\$ 11,200	2023	\$ 11,990	\$ 16,187	\$ -	\$16,187	
Seal Building Block Walls	1	LS	\$ 3,540	2023	\$ 3,790	\$ 5,117	\$ -	\$5,117	
Misc Demo	1	LS	\$ 2,500	2023	\$ 2,680	\$ 3,618	\$ -	\$3,618	
Totals:						\$ 160,900	\$ -	\$160,900	
<u>WATER DISTRIBUTION</u>									
Install Existing Fire Hydrants	1	EA	\$ 1,500	2023	\$ 1,610	\$ 2,174	\$ -	\$2,174	
Replace Air Release Valves	2	EA	\$ 8,500	2023	\$ 9,100	\$ 24,570	\$ -	\$24,570	
Replace PRV Valves	1	LS	\$ 9,250	2023	\$ 9,900	\$ 13,365	\$ -	\$13,365	
Totals:						\$ 40,200	\$ -	\$40,200	
<u>REPLACE RESIDENTIAL WATER METERS W/ RADIO READ SYSTEM</u>									
Residential Water Meter Replacement	82	EA	\$ 550	2023	\$ 590	\$ 65,313	\$ -	\$65,313	
Handheld AMR & Accessories	1	LS	\$ 8,750	2023	\$ 9,370	\$ 12,650	\$ -	\$12,650	
AMR Software, Start-Up, and Training Services	1	LS	\$ 15,500	2023	\$ 16,590	\$ 22,397	\$ -	\$22,397	
Annual Support Services & Software Upgrade	1	YR	\$ 1,950	2023	\$ 2,090	\$ 2,822	\$ -	\$2,822	
Totals:						\$ 103,200	\$ -	\$103,200	
Totals:						\$ 876,800	\$ 354,100	\$522,700	

Nelson Engineering
Jackson, Wyoming