

Phase 2 Construction Award UVDC Well No.172 and MW No.512 (Project No. D2008)

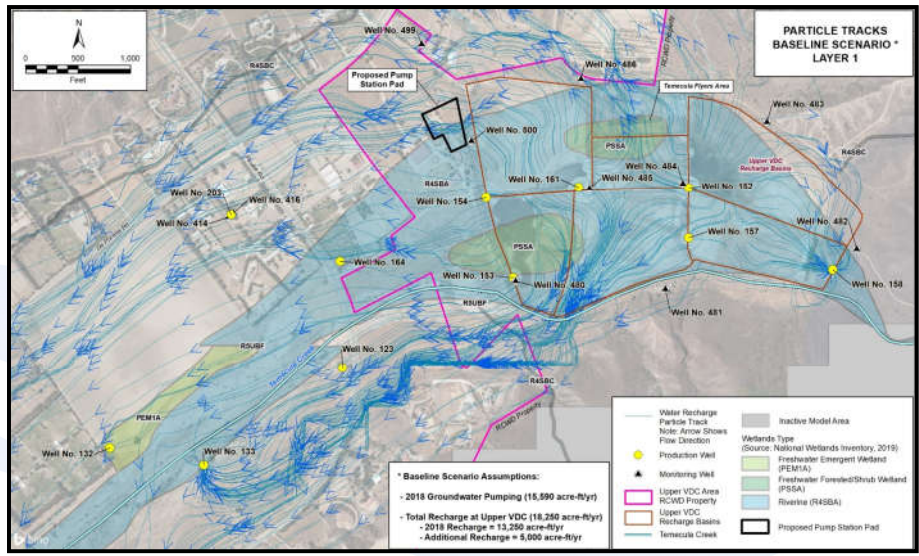
Board of Directors Meeting
01/12/23
Item 4.B



UVDC Focused Model (Geoscience 2021)



- Utilized to optimize well siting for expanded UVDC recharge and recovery



Project Scope – New Well No.172 & MW No.512



- Phase 1 - Construction of a Well Pad for W172
 - Awarded Dec. 2022 - \$510k
- Phase 2 - Drilling and Construction of W172 and MW512
 - Award Jan. 2023 – \$1.36M
- Phase 3 – Well Equipping of Well No.172
 - Design Contract Agreement Jan. 2023 (\$144k)



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Bid Results/Project Budget



- Original Round of Bidding (Aug 2022)
 - \$2.59M construction bid (Phases 1 & 2 Combined Package)
- Revised Packages (Dec 2022)
 - \$510k (Phase 1 - Well Pad Construction)
 - \$1.36M (Phase 2 – Well Drilling & Construction)
 - \$1.87M Total for Ph.1 and Ph.2 (\$722k savings from 08/22 bid)
 - Estimated Total Project Costs of ~\$3.95M
- Offset by grant funding of \$1.3M from State and Federal Sources

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Bid Results/Project Budget



ITEM	Budgeted Cost	Costs To Date	Projected Cost	% of Total Project Cost
Final Design & Environmental Compliance				
RCWD Labor	\$ 100,000	\$ 116,420	\$ 175,000	4.4%
Well Pad, Well Drilling & Construction Design	\$ 210,000	\$ 268,377	\$ 300,000	7.6%
Well Equipping Design	\$ 125,000	\$ -	\$ 144,000	3.6%
Environmental Compliance	\$ 25,000	\$ 24,293	\$ 25,000	0.6%
Misc. Project Costs (Duplication, Permits, etc.)	\$ 5,000	\$ 4,500	\$ 10,000	0.3%
Design Contingencies	\$ 10,000	\$ 4,250	\$ 10,000	0.3%
Subtotal Final Design/Environmental	\$ 475,000	\$ 417,840	\$ 664,000	16.8%
Construction				
RCWD Labor (Engr, CM/Insp, Ops)	\$ 120,000	\$ 22,500	\$ 200,000	5.1%
Phase 1 - Well Pad Construction	\$ 650,000	\$ -	\$ 510,640	12.9%
Phase 2 - Well Drilling and Construction, Well No.172 & MW512	\$ 900,000	\$ -	\$ 1,361,399	34.5%
Phase 3 - Equipping of Well No.172	\$ 750,000	\$ -	\$ 850,000	21.5%
Hydrogeological Services (Inspection/Testing)	\$ 130,000	\$ -	\$ 156,280	4.0%
Construction Contingency	\$ 175,000	\$ -	\$ 207,681	5.3%
Subtotal Construction	\$ 2,725,000	\$ 22,500	\$ 3,286,000	83.2%
Total Project Costs	\$ 3,200,000	\$ 440,340	\$ 3,950,000	100.0%
Prior Authorizations			\$ 3,200,000	
Projected Future Additional Funding Requirement			(\$750,000)	

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Requests



The Board of Directors consider award of a Construction Contract to Southwest Pump and Drilling, Inc. in the amount of \$1,361,999 for the Drilling & Construction of Well No.172 & Monitoring Well No.512

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