

City of Wimberley
Sewer Project Cost - Prepared as of July 31, 2019

Project Cost	As Approved by TWDB on March 28, 2019				Current Estimate		Variance
	PAD Loan Plan/Design	New Loan Construction	Total	Source L/C	Current Estimate	Source L/C	Est vs Approved
Collection System							
Original Bid	\$ -	\$ 3,251,450	\$ 3,251,450	L	\$ 3,251,450	L	\$ -
Original Change Order	-	364,750	364,750	L	364,750	L	-
Change Order CMR-01	-	21,884	21,884	L	21,884	L	-
Change Order CMR-02	-	89,423	89,423	L	89,423	L	-
Engineers Estimate for Other Changes	-	(161,105)	(161,105)	L	(161,105)	L	-
Subtotal	-	3,566,402	3,566,402		3,566,402		-
Creek Boring - Single Pipe	-	144,380	144,380	L	144,380	L	-
Subtotal - Agrees with EFR Amendment 2	-	3,710,782	3,710,782		3,710,782		-
Creek Boring - Incremental for Encased Pipe	-	-	-	L	127,000	L	127,000
Total Collection System	-	3,710,782	3,710,782		3,837,782		127,000
Treatment Plant							
Contract Payments	-	345,072	345,072	L	345,072	L	-
Termination Costs	-	200,000	200,000	C	200,000	C	-
Less Reimbursement from EDA	-	-	-	L	(177,548)	C	(177,548)
Total Treatment Plant	-	545,072	545,072		367,524		(177,548)
Total Construction Costs	\$ -	\$ 4,255,854	\$ 4,255,854		\$ 4,205,306		\$ (50,548)
Project and Construction Administration							
Project Management - Schoonover/Other	\$ -	\$ 175,000	\$ 175,000	L	\$ 175,000	L	\$ -
Project Engineering - Alan Plummer - Original Design	456,478	-	456,478	L	456,478	L	-
Project Engineering - Alan Plummer - Construction	-	77,575	77,575	L	77,575	L	-
Project Engineering - Alan Plummer - Changes	31,343	5,157	36,500	L	36,500	L	-
Special Services - Original Design	143,761	-	143,761	L	143,761	L	-
Aqua Connection Fees	-	300,000	300,000	L	300,000	C	-
Remediation of Treatment Plant Site	-	-	-	C	40,000	C	40,000
Bird Survey	-	-	-	C	10,000	C	10,000
Easements	-	44,000	44,000	C	44,000	C	-
Easement Under Creek - Survey and GLO Fees	-	-	-	C	5,500	C	5,500
Total Other Costs	\$ 631,582	\$ 601,732	\$ 1,233,314		\$ 1,288,814		\$ 55,500
Bond Reserve	-	237,902	237,902	L	-	L	(237,902)
Origination and Other Fees	18,418	96,652	115,070	L	115,070	L	-
Bond Refunding Fees	-	-	-	C	6,000	C	6,000
Bond Counsel - Original	-	30,260	30,260	C	30,260	C	-
Bond Counsel - New	-	10,500	10,500	C	21,000	C	10,500
Financial Advisor - Original	-	38,690	38,690	C	38,690	C	-
Financial Advisor - New	-	-	-	C	17,000	C	17,000
Construction Interest (2 years)	-	170,847	170,847	L	170,847	L	-
Total Financing Costs	\$ 18,418	\$ 584,851	\$ 603,269		\$ 398,867		\$ (204,402)
Contingency	\$ -	\$ 136,013	\$ 136,013	L	\$ -	L	\$ (136,013)
Total Project Cost	\$ 650,000	\$ 5,578,450	\$ 6,228,450		\$ 5,892,987		\$ (335,463)
Recap of Funding Sources for Total Project Cost							
TWDB Loan Funds	\$ 650,000	\$ 5,255,000	\$ 5,905,000	L	\$ 5,358,085	L	\$ (546,915)
City Funds	-	323,450	323,450	C	534,902	C	211,452
Total Project Cost Funding Sources	\$ 650,000	\$ 5,578,450	\$ 6,228,450		\$ 5,892,987		\$ (335,463)
Loan Spending vs Available - Excluding Contingencies							
Costs Funded by TWDB Loans (excluding contingency)	\$ 650,000	\$ 5,118,987	\$ 5,768,987		\$ 5,358,085		\$ (410,902)
Available TWDB Funds	650,000	5,255,000	5,905,000		5,905,000		\$ -
Excess TWDB Loan Funds Over Cost	\$ -	\$ 136,013	\$ 136,013		\$ 546,915		\$ 410,902
Excess Funds available for contingencies, other qualifying projects, or the City can set aside for future principal and interest payments					\$ 546,915		
Amounts Reimbursable under Approved Plan for Construction Engineering and Mgt plus construction period interest					\$ 423,422		

Notes

- ◆ Approved TWDB amounts reflect City submitted Schedule 1201, adjusted for \$200k final payment to Black Castle
- ◆ Unlike original loan authorization, new approval permits use of loan proceeds for construction engineering and management plus two years of construction interest
- ◆ Includes Capital Excavation quoted bore estimate - 6" Pipe \$117k. Encased quote was \$244k
- ◆ Bond reserve of \$238k not required with New Approved Plan

TWDB Schedule 1201 Included in EFR Amendment 2

Note: TWDB Approved Plan included this plus \$200k for Black Castle termination fee

City of Wimberley - Project # 73653 - Part D2					
Uses	TWDB Funds L1000152	TWDB Funds L1000394	TWDB Total	City Funds	Total Cost
Construction					
Wastewater Plant CID D1	\$0	\$345,072	\$345,072	\$0	\$345,072
Collection System CID D2	\$0	\$3,710,782	\$3,710,782	\$0	\$3,710,782
Subtotal Construction	\$0	\$4,055,854	\$4,055,854	\$0	\$4,055,854
Basic Engineering Fees					
Planning +	\$141,000	\$0	\$141,000	\$0	\$141,000
Design	\$346,821	\$5,157	\$351,978	\$0	\$351,978
Construction Engineering	\$0	\$77,575	\$77,575	\$0	\$77,575
Basic Engineering Other **	\$0	\$0	\$0	\$0	\$0
Subtotal Basic Engineering Fees	\$487,821	\$82,732	\$570,553	\$0	\$570,553
Special Services					
Application	\$0	\$0	\$0	\$0	\$0
Environmental	\$15,000	\$0	\$15,000	\$0	\$15,000
Water Conservation Plan	\$0	\$0	\$0	\$0	\$0
II Studies/Sewer Evaluation	\$0	\$0	\$0	\$0	\$0
Surveying	\$55,000	\$0	\$55,000	\$0	\$55,000
Geotechnical	\$37,500	\$0	\$37,500	\$0	\$37,500
Testing	\$0	\$0	\$0	\$0	\$0
Permits	\$36,261	\$0	\$36,261	\$0	\$36,261
Inspection	\$0	\$0	\$0	\$0	\$0
O&M Manual	\$0	\$0	\$0	\$0	\$0
Project Management (by engineer)	\$0	\$175,000	\$175,000	\$0	\$175,000
Pilot Testing	\$0	\$0	\$0	\$0	\$0
Water Distribution Modeling	\$0	\$0	\$0	\$0	\$0
Special Services Other **	\$0	\$0	\$0	\$0	\$0
Subtotal Special Services	\$143,761	\$175,000	\$318,761	\$0	\$318,761
Other					
Administration	\$6,611	\$0	\$6,611	\$0	\$6,611
Land/Easements Acquisition	\$0	\$0	\$0	\$44,000	\$44,000
Water Rights Purchase (if Applicable)	\$0	\$0	\$0	\$0	\$0
Capacity Buy-in (if Applicable)	\$0	\$300,000	\$300,000	\$0	\$300,000
Project Legal Expenses	\$0	\$0	\$0	\$0	\$0
Other **	\$0	\$0	\$0	\$0	\$0
Subtotal Other Services	\$6,611	\$300,000	\$306,611	\$44,000	\$350,611
Fiscal Services					
Financial Advisor	\$0	\$0	\$0	\$38,690	\$38,690
Bond Counsel	\$0	\$0	\$0	\$40,760	\$40,760
Issuance Cost	\$0	\$1,200	\$1,200	\$0	\$1,200
Bond Insurance/Surety	\$0	\$0	\$0	\$0	\$0
Fiscal/Legal	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$170,847	\$170,847	\$0	\$170,847
Bond Reserve Fund	\$0	\$0	\$0	\$0	\$0
Loan Origination Fee	\$11,807	\$95,452	\$107,259	\$0	\$107,259
Debt Reserve	\$0	\$237,902	\$237,902	\$0	\$237,902
Subtotal Fiscal Services	\$11,807	\$505,401	\$517,208	\$79,450	\$596,658
Subtotal Before Contingency	\$650,000	\$5,118,987	\$5,768,987	\$123,450	\$5,892,437
Contingency					
Contingency	\$0	\$136,013	\$136,013	\$0	\$136,013
Subtotal Contingency	\$0	\$136,013	\$136,013	\$0	\$136,013
TOTAL COSTS	\$650,000	\$5,255,000	\$5,905,000	\$123,450	\$6,028,450

Source: TWDB Staff Recommendation - Board Meeting 3-28-19
Resulted in Approved TWDB Resolution

Total project costs

Use	Original	Proposed
Construction	\$6,442,125	\$4,255,854 ¹
Engineering	\$775,239	\$889,314
Green Project Costs	\$243,005	\$0
Capacity Buy-in (Aqua)	\$0	\$300,000
Fiscal Services and Other	\$495,522	\$647,269
Contingency	\$815,694	\$136,013
Total	\$8,771,585	\$6,228,450

Total Funding Sources

TWDB Loans	\$6,148,005	\$5,905,000
Grants	\$2,000,000	\$0
Local Funds	\$623,580	\$323,450
Total	\$8,771,585	\$6,228,450