

# **APPENDIX H**

## **CAPITAL COST ESTIMATE WORKSHEET**

Project Charter ID:	
Projects Name:	Alternative: New FDGO2 Pump Station
Project Description:	New treatment building with reservoir.
Cost Estimate Class:	Class D Planning and Conceptual Design
Project Complexity:	Low

CCE Document Issue Date:	12-Aug-24
Est. Design Start Date:	1-Mar-25
Est. Construction Start Date:	1-Mar-26
	(year #####)

} These are Mandatory Fields

ITEM	DESCRIPTION		
<b>1) CONSTRUCTION COSTS</b>			
1A.	Construction Cost		\$ 3,066,000.00
1B.	Construction Contingency (Varies based on Complexity, % of 1A.)	5%	\$ 153,300.00
1C.	Project Contingency (Varies based on Complexity and Class, % of 1A.)	20%	\$ 613,200.00
<b>SUB TOTAL CONSTRUCTION COST = 1A + 1B + 1C</b>			<b>\$ 3,832,500.00</b>
1D.	Inflation Rate (based on projected construction price index)		
1E.	Number of Years	566	
<b>Projected CONSTRUCTION Inflation = <math>4(1+5a)5b-4</math></b>			<b>\$ -</b>
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 3,832,500.00</b>
<b>2) CONSULTANT COST (SOFT COSTS)</b>			
2A.	Design and Contract Administration (Varies based on Complexity, % of 1A.)	15%	\$ 459,900.00
2B.	Investigative Services (Varies based on Complexity, % of 1A.)	1.0%	\$ 30,660.00
2C.	Permits and Approvals (0%-1% of item 2A.)	1%	\$ 4,599.00
2D.	Utility Connections and Relocations (Varies based on Complexity, % of 1A.)	5%	\$ 153,300.00
2E.	Sub Total Consultant Cost (Soft Costs) = 2A + 2B + 2C + 2D		\$ 648,459.00
2F.	Project Contingency (Varies based on Complexity and Class, % of 2E.)	20%	\$ 129,691.80
<b>SUB TOTAL CONSULTANT COST = 2E + 2F</b>			<b>\$ 778,150.80</b>
2G.	Inflation Rate (based on Consulting Engineering Services price index)		
2H.	Number of Years	201	
<b>Projected CONSULTANT Inflation = <math>4(1+5a)5b-4</math></b>			<b>\$ -</b>
<b>TOTAL CONSULTANT COST</b>			<b>\$ 778,150.80</b>
<b>3) LAND COSTS</b>			
3A.	Land Acquisition		\$ 24,000.00
3B.	Legal/Real Estate Fees (10% Of 3A.)	10%	\$ 2,400.00
3C.	Sub Total Land Costs = 3A + 3B		\$ 26,400.00
3D.	Project Contingency (Varies based on Complexity and Class, % of 3C.)	20%	\$ 5,280.00
<b>SUB TOTAL LAND COSTS = 3C + 3D</b>			<b>\$ 31,680.00</b>
3E.	Inflation Rate		
3F.	Number of Years		
<b>Projected LAND Inflation = <math>4(1+5a)5b-4</math></b>			<b>\$ -</b>
<b>TOTAL LAND COST</b>			<b>\$ 31,680.00</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 4,642,330.80</b>

## Notes:

- 1 All green fields must have an entered value
- 2 Sections 2 and 3 are applicable for Class D only, as costs are finalized prior to Class A-C
- 3 This document is meant for estimating only, it is not intended for budget monitoring