



## Staff Report

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**Meeting Date:** September 7, 2021

**From** Mike Walker, Public Works Director  
GMP Package 2 - WWTP Condition Assessment Improvements

**SUBJECT:** Project

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### **BACKGROUND:**

Slayden Construction, the Construction Manager/General Contractor (CM/GC) for the existing Wastewater Treatment Plant Improvements project, has submitted a guaranteed maximum price (GMP) proposal for the second 'package' of work at the wastewater treatment plant. This work consists of: 1) adding floating aerators to the existing equalization basin; 2) chemical feed equipment and shelter for pH and alkalinity control and replacing the current temporary system at the headworks; 3) new waste and stormwater piping and pump station that will eliminate the site stormwater discharge to Tickle Creek in all but the largest storm events; and 4) electrical work associated with these improvements.

These project components are important for helping the plant achieve NPDES permit compliance. Like the first GMP package, we have seen prices increase since the original pre-design estimates due to high inflation. The original engineer's estimate in March 2021 for these improvements was approximately \$920,000. The updated construction estimate in July 2021 was \$1,541,090.

Slayden's proposed GMP is \$1,477,235. The unit prices and subcontractor/equipment supplier quotes have been reviewed by the design engineer (West-Yost) and our Owner's Representative, Leeway Engineering. The updated cost estimated was shared with the Council Project Oversight Committee last month.

The third and final GMP package is under design and it will be another month until we have an updated cost estimate on that portion of the project. However, we can anticipate that we will see cost escalation from the original estimate on that package.

### **BUDGETARY IMPACT:**

The proposed GMP is \$1,477,235. The city is funding the Wastewater Treatment Plant Improvements Project with the Clean Water State Revolving Loan Fund which was recently amended and approved at the August 16, 2021 City Council meeting.

### **RECOMMENDATION:**

Accept the price proposal from Slayden Construction and authorize the City Manager to enter into an agreement with Slayden Construction for work package #2 improvements at the Wastewater Treatment Plant.

**SUGGESTED MOTION:**

I move to accept the Guaranteed Maximum Price Proposal from Slayden Construction for work package #2 improvements at the existing wastewater treatment plant in the amount of \$1,477,235.

**LIST OF ATTACHMENTS/EXHIBITS:**

1. Description of Work and Cost Summary from Work Package #2 GMP proposal (cost figure has been refined by \$1,273 since the table was developed)

# City of Sandy Oregon

## Sandy WWTP Condition Assessment Improvements

GMP - 2

August 31st, 2021



# City of Sandy Oregon

## Sandy WWTP Condition Assessment Improvements

### 100% Design GMP 2

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August 31st, 2021



# Section 1: Sandy WWTP Condition Assessment Improvements GMP – 2

## Description of Work

This proposal is for the construction services of the Sandy WWTP Condition Assessment Improvements Guaranteed Maximum Price #2 (GMP – 2). The work for GMP - 2 is in accordance with West Yost's drawings and technical specifications dated July 2021 and as modified by Addenda 1, 2, 3, & design clarification log items 1-24.

Due to the time constraints on this project various items within GMP – 2 recognized to be part of the critical work path have been procured through previous contract amendment, Early Work Agreement 4. The EWA 4 contained the procurement of the floating aerators. These pieces, along with the other items identified as highly crucial to the treatment process in the initial condition assessment, make up the work within GMP - 2. The major items identified as part of GMP – 2 consist of the following:

- Equalization Basin floating aerators
- New chemical storage and metering facilities
- Waste pump station improvements
- Other drainage & site piping improvements
- Associated electrical & civil work

Reference Section 10, Supplemental Documents, for the drawings, specifications, and design review log binding the construction work for GMP – 2.

**Sandy WWTP Condition Assessments Improvements**  
**City of Sandy, Oregon**  
**GMP-2**

Last Revision:  
8/30/2021

Created By: Slayden Constructors, Inc.  
 Based on: West Yost Design Package 2 (GMP-2) 100% Submittal Set - July 2021

COST OF WORK			
Area	Description	Value	Notes
	Direct Costs	\$1,369,682	
	Accepted Value Engineering	-\$97,000	Delete Tank Mixer & Vault Revisions
	<b>Subtotal - Cost of Work</b>	<b>\$1,272,682</b>	
CONTINGENCIES			
	CM/GC Contingency	\$89,088	7.0%
	<b>Subtotal - Contingencies</b>	<b>\$89,088</b>	
	<b>SUBTOTAL w/ CONTINGENCIES</b>	<b>\$1,361,770</b>	
MARKUPS			
	CM/GC Fee	\$88,515	6.50%
	Bonds and Insurance	\$22,479	1.55%
	OR CATax	\$5,744	0.39%
	<b>Subtotal - Markups</b>	<b>\$116,738</b>	
	<b>TOTAL CONSTRUCTION COST</b>	<b>\$1,478,508</b>	

OTHER CONTRACTS			
	Pre-Construction Contract	\$39,457	
	EWA 1 - Slide Gate Procurement	\$94,269	
	EWA 2 - Valve & Diffuser Procurement	\$254,622	Accepted VE - Excludes Jib Crane
	EWA 3 - Clarifier, & Electrical Gear Procurement	\$833,517	
	GMP 1 - Work Package 1	\$3,320,603	
	EWA 4 - Aerator Procurement & GMP 1 VE	-\$1,259	Includes VE deducts for GMP 1
	<b>Subtotal - Other Contracts</b>	<b>\$4,541,209</b>	
<b>TOTAL CM/GC CONTRACT VALUE</b>		<b>\$6,019,717</b>	