

CHANGE IN SCOPE CHANGE ORDER AND CONTINGENCY INCREASE FOR LAGUNA TREATMENT PLANT CHILLERS AND CLIMATE CONTROL UPGRADES AT ADMINISTRATION AND ANNEX BUILDING, CONTRACT NO. C02105

Board of Public Utilities Meeting

April 4, 2024

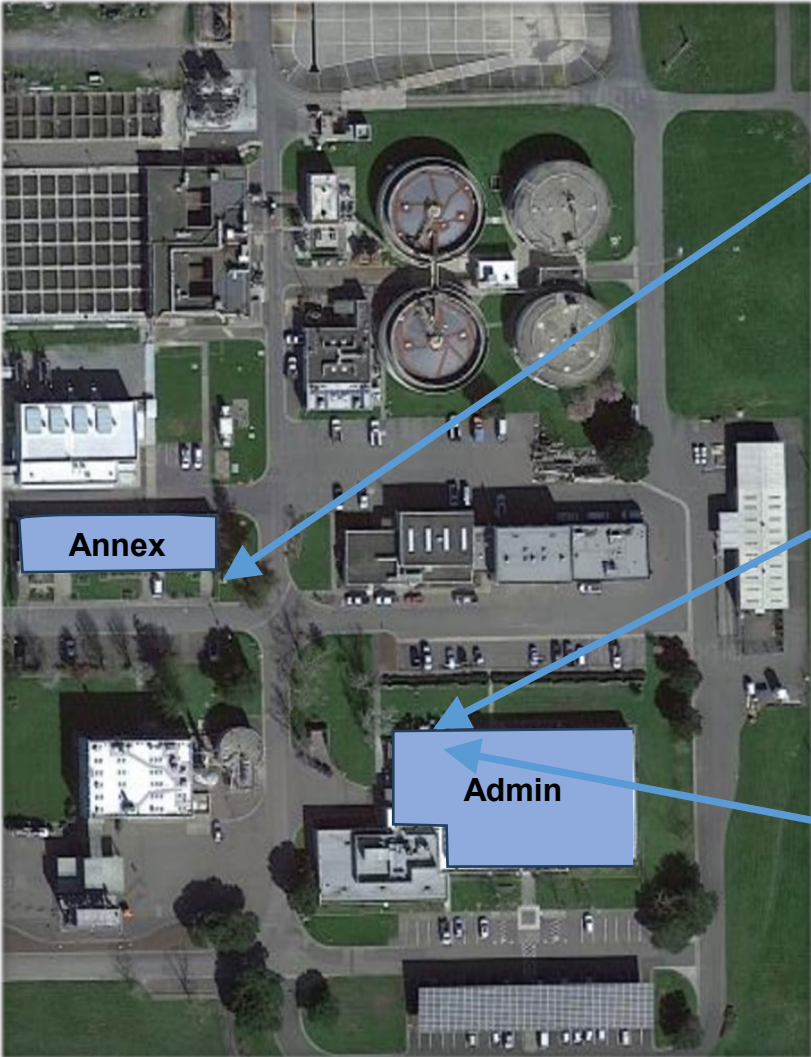
Tracy Duenas, Supervising Engineer



Presentation Outline

- Background
- Analysis
- Recommendation

Background



(1) 15-ton Chiller



(2) 50-ton Chillers



(2) Boilers & PLC



Background

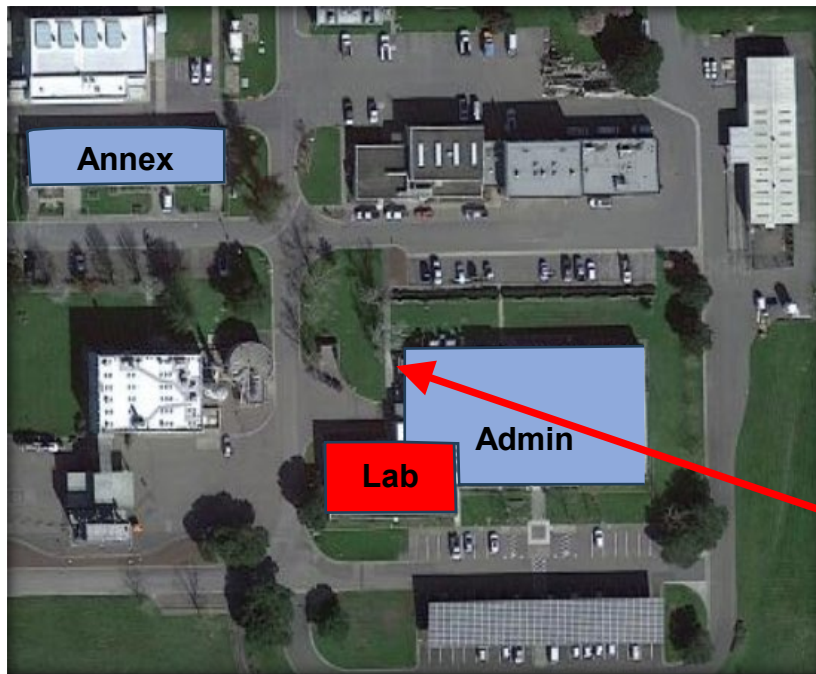
- (Aug 2019) – Sole source specification
- (Oct 2019) – Contract award
 - 15% contingency: \$130,982
 - Total Contract: \$1,004,198.40
- (Nov 2019) – Notice to proceed

Background

- (July 2020) - Subcontractor addition
- (March 2021) – Contingency approval
 - 15% contingency: \$130,982
 - Total Contract: 1,135,180.80
- (Nov 2022) – Contingency approval
 - 5% contingency: \$43,660.80
 - Total Contract: \$1,178,841.60

Background

- (Summer 2020) – Expedited Lab chiller repair request
- (Sept 2020) - CO2344 Laguna Treatment Plant Lab Expansion Chiller Replacement Contract award



(1) 60-ton Chiller

- (Sept 2022) – Completed

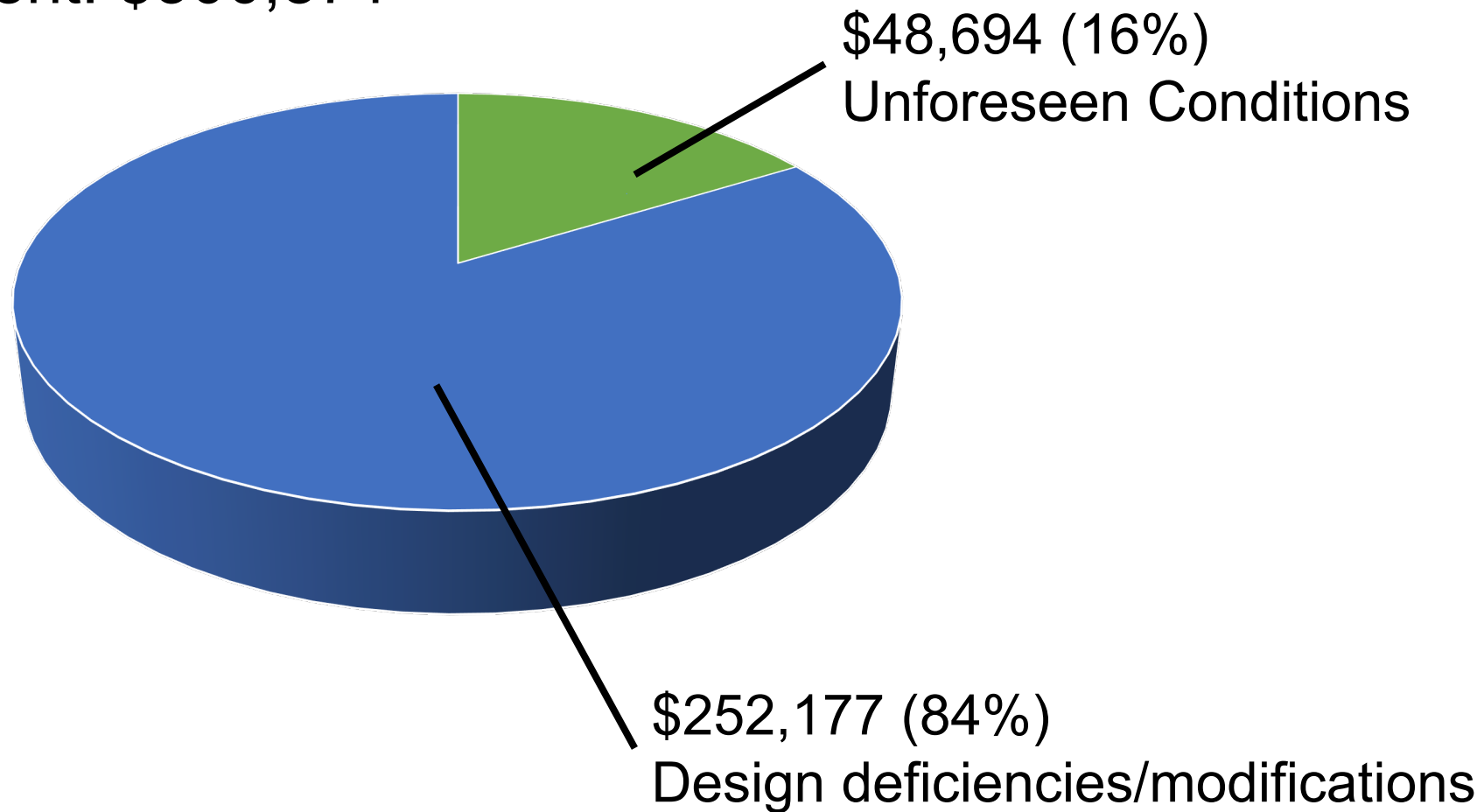
Analysis

- CO2105 99% complete
- CO2105 Authorized amounts:

Total Contract amount	\$ 1,178,841.60
Total authorized contingency	\$ 305,625.60
Total contract change orders spent	\$ 300,871.50
Remaining authorized contingency	\$ 4,754.10

Analysis

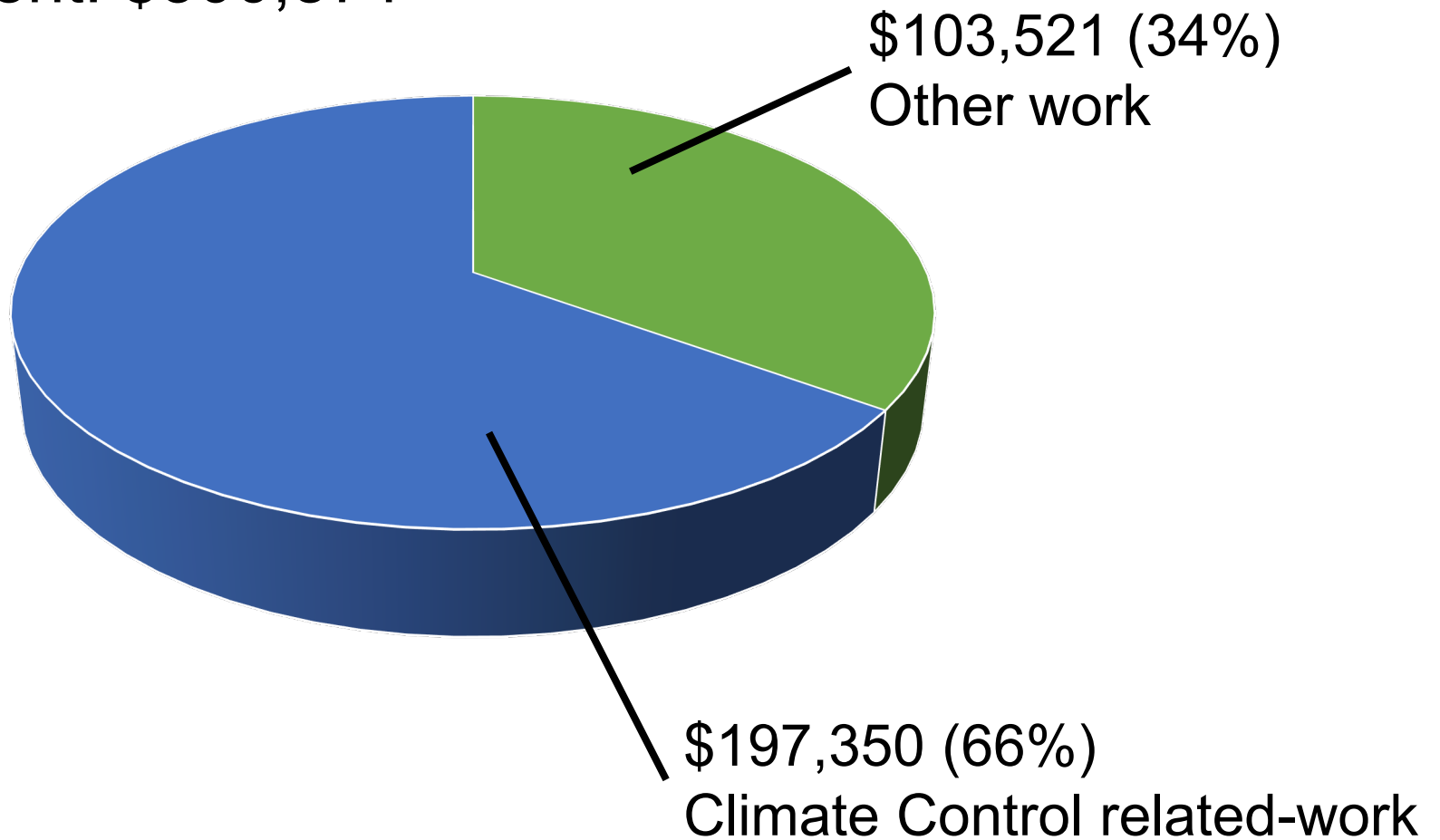
- CO2105 Authorized contingency:
 - Spent: \$300,871



Analysis

- CO2105 Authorized contingency:

- Spent: \$300,871



Analysis

- (Present) -
 - Final automation integration
 - Request for automation upgrades to CO2344
 - Inefficiencies in (ex) system
 - Need to improve consistency

➡ Change of scope CCO



Analysis

- Council Policy 100-07 – Definitions (H)

H. Change in Scope Change Order. A change order to a Public Works Contract which materially changes the character of work prescribed in the contract plans and specifications.

- Council Policy 100-07 – Policies (E)

E. A change order for any change in scope shall be returned to the original award authority for approval. If such a change order shall increase the total cost of the contract above the signature level of the original award authority, then the change order shall be approved by the appropriate higher award authority.

Analysis

- (Present) -
 - (Change of scope) CCO 14 pending - \$51,992.62
 - Interrelated operations between systems
 - Subcontractor's availability
 - Overall need
 - Assumed savings
- ➡ City's best interest



Analysis

- Increase authorized contingency - \$90,0000

Remaining authorized contingency	\$	4,754.10
CCO14 – Lab PLC upgrades	\$	51,992.62
CCO15 – HVAC piping repair	\$	11,890.13
Increase to contingency balance	\$	26,117.25
New authorized contingency balance	\$	30,871.35

Recommendation

It is recommended by the Transportation and Public Works Department and Santa Rosa Water that the Board of Public Utilities, by motion, approve a change in scope change order, pursuant to Council Policy No. 100-07, and a contingency increase of \$90,000 for Construction Contract No. C02105 Laguna Treatment Plant Chillers and Climate Control Upgrades at Administration and Annex Building, for a total contract amount of \$1,268,841.60.

Questions?

