



# PROPOSED CHANGE ORDER REQUEST

Department of Watershed Management

Contract Name: Snapfinger Advanced Wastewater Treatment Facilities Expansion - Phase 2 Date: 1/10/2022

Contractor: Archer Western Construction, LLC

Contract Number: 972548 Contract Amendment Number: 12

Contract Amendment Category:  Cost  Schedule  Scope  Deliverables

Original Contract \$ Amount:	Contract Start Date:	Original Contract Days:(TERM)	Original Contract End Date:
\$187,869,380.00	8/5/2015	1669	2/29/2020

NTP Start Date:	Original Performance Days:(TIME)	Original Performance End Date:
8/26/2015	1640	2/21/2020

Previous Change Order:	Previous Time Extensions Days:	Previous Changes to \$ Amount:
Change Order No. 1: Amend't No.1	0	\$350,797.46
Change Order No. 2: Amend't No.1	0	\$599,549.04
Change Order No. 3: Amend't No.1	90	\$0.00
Change Order No. 4: Amend't No.2	120	\$1,650,000.00
Change Order No. 5: Amend't No.2	0	\$465,000.00
Change Order No. 6: Amend't No.2	0	\$106,519.11
Change Order No. 7: Amend't No.3	0	\$271,526.74
Change Order No. 8: Amend't No.3	0	\$1,000,000.00
Change Order No. 9: Amend't No.4	0	\$225,345.72
Change Order No. 10: Amend't No.5	0	\$0.00
Change Order No. 11: Amend't No.6	0	\$2,278,092.21

Current Contract Amount:	Current Performance Time (Days):	Current Performance End Date:	Current Contract End Date:
\$194,816,210.28	1850	9/18/2020	6/30/2022

## Description of Proposed Changes:

- 1) PCO #301 Rev. 1 - ChemScan Piping** A dispute exists between the Contractor and EOR as to whether PSW and Sample piping for the ChemScan Analyzers at the Aeration Basins is shown or called for on the Contract drawings and/or specifications. The County and Contractor agreed to settle the dispute for a lump sum amount of \$146,000.00. This PCO is due to "Design Changes".
- 2) PCO #345B - POT Line WSHP Install - AB Electrical Bldgs** Modifications to the existing potable water supply yard piping are required to enable potable water service for the Water Source Heat Pumps (WSHP) located at the Aeration Basin Electrical Buildings. The County and Contractor agreed to a lump sum settlement amount of \$137,000.00. This PCO is due to "Design Changes".
- 3) PCO #345C POT Line WSHP Install - MBR Administration Bldg** Modifications to the existing potable water supply yard piping are required to enable potable water service for the Water Source Heat Pumps (WSHP) located at the MBR Admin Bldg. The County and Contractor agreed to a lump sum settlement amount of \$82,000.00. This PCO is due to "Design Changes".
- 4) PCOs #149, 167r2, 201, and 225 - Various Electrical Changes** Disputes related to various electrical scopes of work exist between the Contractor and EOR. The County and Contractor agreed to settle these disputes for a lump sum

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amount of \$175,000.00. This PCO is due to "Design Changes".

**5) PCO #352 - COB & WSB Instrumentation** Modifications are required to the design, production, installation, and programming of a new remote I/O interface panel in accordance with the EOR's Design Change Notification DCN#32 Rev1. The County and Contractor agreed on a lump sum settlement amount of \$418,040.00. This PCO is due to "Design Changes".

**6) PCO #357 Rev1-ILS & EQ SCADA Integration** Modifications are required to the existing instrumentation, new process control strategies, programming, and graphics in accordance with the EOR's Design Change Notification DCN#39. The County and Contractor agreed to a lump sum settlement amount of \$153,600.00. This PCO is due to "Design Changes".

**Justification of Proposed Changes:**

This change will enable prompt authorization of any additional work required and mitigate future claims by the Contractor due to idled equipment cost(s) and construction delays.

Proposed Additional Performance Days:	Proposed Cumulative Performance Days:	Proposed Performance End Date:	Proposed Contract End Date:
0	0	N/A	N/A
Proposed Changes to Dollar Amount:	Proposed Cumulative Contract Amount:	Amount Spent To Date as of (1/10/2022):	
\$1,111,640.00	\$195,927,850.28	\$172,955,987.84	

**Describe Any Risk Associated With This Change:**

None

**Effect of NOT Approving This Change:**

Future claims by the Contractor for reimbursement of costs associated with idled equipment and construction delays.

**Engineering Manager's Approval:**

- Accepted
- Rejected

Signature: Cassandra Marshall, PMP  
Print Name: Cassandra Marshall  
Date: 01.14.22

Digitally signed by Cassandra Marshall, PMP  
for any signature required and to ensure the signed document is not tampered with and is authentic  
Date: 2022.01.14 10:30:00

**Watershed Director's Approval:**

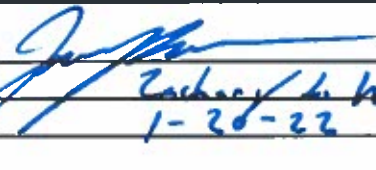
- Accepted
- Rejected

Signature: David Hayes  
Print Name: David Hayes  
Date: 1.20.2022

Digitally signed by David Hayes  
Date: 2022.01.20 10:21:37 -0500

**Chief Operating Officer's Approval:**

- Accepted
- Rejected

Signature:   
Print Name: Zachary W. Williams  
Date: 1-20-22

Contract Name: Snapfinger Advanced Wastewater Treatment Facilities Expansion - Phase 2

Contractor: Archer Western Construction, LLC

Contract Number: 972548

Contract Amendment Number: 12



November 30, 2021

Mr. Wendell Brown  
Senior Construction Manager  
DeKalb County Department of Watershed Management  
Snapfinger Advanced Wastewater Treatment Facility  
4124 Flakes Mill Road  
Decatur GA, 30034

**Reference: Contract No. 972548, Archer Western Construction, LLC  
Snapfinger Advanced Wastewater Treatment Facilities Exp. Phase 2**

**Subject: Proposed Change Order #12**

Dear Mr. Brown,

The referenced project is approximately 90% complete. To date a large amount of design and construction changes have been necessary to accommodate design modifications, varying subsurface utilities and construction issues. In an effort to mitigate cost and delay impacts to the project, two hundred sixteen (216) Field Orders have been executed to date. To further assist the Owner with management and corresponding contract adjustments for these types of changes, six Contractor (6) Proposed Change Orders (PCO) are requested for your consideration.

Please see the summary table titled *Exhibit "A"* on the next page for the PCOs with supporting documentation attached herein. These PCOs have been reviewed and accepted by the project team members, however, approval of additional funds for their issuance will require review and acceptance by the Board of Commissioners.

Sincerely,

Jillian Jack, P.E.,  
Senior Project Manager

cc: Christian Dunaway  
Mark Hedden

**Exhibit 'A'**

Archer Western Construction - Contract No. 972548

Snapfinger Advanced Wastewater Treatment Facilities Expansion Phase 2

Proposed Change Order Pkg No. 12

Item No.	DESCRIPTION	Total Cost Labor (AWC)	Total Cost Material	Total Cost Equipment	Total Cost Subcontractor	Mark-up, Tax, Burden, Bond, Insurance	Other Costs/ Adjustments	Total PCO Cost
1	<p><b>PCO#301 Rev. 1</b>  <b>ChemScan Piping</b>                      A dispute exists between the Contractor and EOR as to whether PSW and Sample piping for the ChemScan Analyzers at the Aeration Basins is shown or called for on the Contract drawings and/or specifications. The County and Contractor agreed to settle the dispute for a lump sum amount of \$146,000.00.                      This PCO is due to "Design Changes".</p>	\$ 49,714.20	\$ 97,155.01	\$ 16,217.78	\$ 35,830.00	\$ 93,433.17	\$ (146,350.16)	\$ 146,000.00
2	<p><b>PCO#345B</b>  <b>POT Line WSHP Install - AB Electrical Bldgs</b>                      Modifications to the existing potable water supply yard piping are required to enable potable water service for the Water Source Heat Pumps (WSHP) located at the Aeration Basin Electrical Buildings. The County and Contractor agreed to a lump sum settlement amount of \$137,000.00.                      This PCO is due to "Design Changes".</p>	\$ 58,276.20	\$ 7,151.64	\$ 6,379.04	\$ 64,963.67	\$ 22,874.96	\$ (22,645.51)	\$ 137,000.00
3	<p><b>PCO#345C</b>  <b>POT Line WSHP Install - MBR Administration Bldg</b>                      Modifications to the existing potable water supply yard piping are required to enable potable water service for the Water Source Heat Pumps (WSHP) located at the MBR Admin Bldg. The County and Contractor agreed to a lump sum settlement amount of \$82,000.00.                      This PCO is due to "Design Changes".</p>	\$ 24,838.70	\$ 5,228.97	\$ -	\$ 41,430.17	\$ 15,051.72	\$ (4,549.56)	\$ 82,000.00
4	<p><b>PCOs #149, 167r2, 201, and 225</b>  <b>Various Electrical Changes</b>                      Disputes related to various electrical scopes of work exist between the Contractor and EOR. The County and Contractor agreed to settle these disputes for a lump sum amount of \$175,000.00.                      This PCO is due to "Design Changes".</p>	\$ 1,041.80	\$ 2,185.24	\$ -	\$ 202,704.00	\$ 34,442.54	\$ (65,373.58)	\$ 175,000.00

**Exhibit 'A'**

Item No.	DESCRIPTION	Total Cost Labor (AWC)	Total Cost Material	Total Cost Equipment	Total Cost Subcontractor	Mark-up, Tax, Burden, Bond, Insurance	Other Costs/ Adjustments	Total PCO Cost
5	<p><b>PCO #352</b>  <b>COB &amp; WSB Instrumentation</b>                      Modifications are required to the design, production, installation, and programming of a new remote I/O interface panel in accordance with the EOR's Design Change Notification DCN#32 Rev1. The County and Contractor agreed on a lump sum settlement amount of \$418,040.00. This PCO is due to "Design Changes".</p>	\$ (3,277.00)	\$ 128.40	\$ 200.00	\$ 301,845.40	\$ 47,858.99	\$ 71,284.21	\$ 418,040.00
6	<p><b>PCO #357 Rev1</b>  <b>ILS &amp; EQ SCADA Integration</b>                      Modifications are required to the existing instrumentation, new process control strategies, programming, and graphics in accordance with the EOR's Design Change Notification DCN#39. The County and Contractor agreed to a lump sum settlement amount of \$153,600.00. This PCO is due to "Design Changes".</p>	\$ 1,303.40	\$ 165.72	\$ 172.78	\$ 131,977.53	\$ 22,347.85	\$ (2,367.28)	\$ 153,600.00
<b>PACKAGE TOTAL</b>								<b>\$ 1,111,640.00</b>