



MEMORANDUM



TO: Carl E. Geffken, City Administrator
CC: Jeff Dingman, Deputy City Administrator
FROM: Lance A. McAvoy, Director of Water Utilities
DATE: January 2, 2024
SUBJECT: On Call Services for Water System Repairs-Project 21-16-C1

SUMMARY

On September 21, 2021, the Board of Directors approved the bid of Forsgren, Inc., in the amount of \$3,067,050.00 (R-153-21). The scope of this project included the repair of leaking 1-inch and 2-inch water service lines, including new taps on the main water lines, and the installation of new water meter boxes. On January 17, 2023, the Board of Directors approved Change Order One (R-16-23) adding an additional 365 calendar days to the contract time. There are still over 150 leaks on the list provided to Forsgren for repair, however, Forsgren is not interested in extending the contract time any further, therefore the contract is considered complete as of December 31, 2023. As this was an "On-Call" contract, the terms of the contract were met.

A change order is needed to reconcile the contract final costs and adjust the contract time for qualified delays and actual final completion date. This change order includes a reduction in the contract amount of \$437,508.63, for a total contract amount of \$2,629,541.37, and includes a decrease in the contract time of 64 days, for a total contract time of 734 days. Change Order Number Two is attached for your review.

A Resolution authorizing the Mayor to execute a deductive Change Order Number Two in the amount of \$437,508.63, and reducing the contract time 64 days, is attached. The funding for this project is available through account 6505 Capital Improvement Fund.

Please contact me should you or members of the Board have any questions or desire additional information.

ATTACHMENTS

1. [21-16-C1_2024.02.06_FOR-CO_02_-_BP_-_Resolution.pdf](#)
2. [21-16-C1_2024.02.06_FOR-CO_02_-_BP_-_Change Order \(002\).pdf](#)
3. [21-16-C1_2024.02.06_FOR-CO_02_-_BP_-_Project Summary.pdf](#)

FISCAL IMPACT: -\$437,508.63
BUDGET INFORMATION: Budgeted / Water Utilities - 6505 Capital Improvement Fund

RESOLUTION NO. _____

RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE CHANGE ORDER NUMBER TWO WITH FORSGREN, INC., FOR THE ON CALL SERVICES FOR WATER SYSTEM REPAIRS

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS, that:

SECTION 1: Change Order Number Two with Forsgren, Inc., for the construction of On Call Services for Water System Repairs, Project 21-16-C1, is hereby approved.

SECTION 2: The Mayor, his signature being attested by the City Clerk, is hereby authorized to execute Change Order Number Two with Forsgren, Inc., reducing the contract time by 64 days, adjusting the total contract time to a period of 734 days for completion, and reducing the contract amount \$437,508.63, for an adjusted contract amount of \$2,629,541.37.

This Resolution adopted this _____ day of February 2024.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:



npr

CHANGE ORDER NO. 02

Project: 2021 On Call Services for Water System Repairs

Change Order No.: 02

Project No.: 21-16-C1

Contractor: Forsgren, Inc.

Contract Date: 09/21/2021

Description: This is a reconciliation change order to adjust the contract amount and to adjust the contract time to agree with the actual contract amount and the actual contract time.

The final pay request includes work through 12/31/2023. The cost of work completed through 12/31/2023 is \$2,629,541.37. As the original contract price was \$3,067,050.00, a deduction of \$437,508.63 is needed to reconcile the project costs.

The original contract time, the additional time allowed per Change Order 01, and the time allowed due to weather related delays totals 768 days for Substantial Completion. As only 704 days were needed to reach Substantial Completion, a deduction of 64 days is needed to reconcile the contract time.

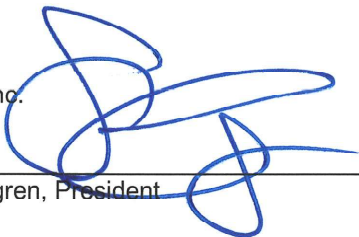
Change To The Project Price:

Original Contract Price	\$ 3,067,050.00
Contract Price for Change Orders To Date	\$ -
The Contract Price for this Change Order	\$ (437,508.63)
The Contract Price Following This Change Order Will Be	\$ 2,629,541.37
Cost of Work Completed to Date	\$ 2,629,541.37
Contract Balance Remaining	\$ -

Change To The Project Time:

Original Contract Time for Substantial Completion (Days)	335
Additional Contract Time for Substantial Completion Due to Change Orders To Date (Days)	365
Additional Days Allowed Due To Weather Related Delays (Days)	68
Additional Contract Time for Substantial Completion Due to This Change Order (Days)	(64)
The Contract Time to Reach Substantial Completion Following This Change Order Will Be (Days)	704
Time Allowed for Final Completion (Days)	30
Total Contract Days	734

Signatures:

Forsgren, Inc.


 Steve Forsgren, President

Date: 1/23/24

Owner, City of Fort Smith, AR

 George McGill, Mayor

Date: _____

ATTEST:

 City Clerk

Project Summary

Project Name:
On Call Services for Water
System Repairs

Project Number:
21-16-C1

Project Engineer:
Richard Hamrick

Project Contractor:
Forsgren, Inc.

Notice to Proceed Issued:
12/27/2021

Project Status:
In Progress

Today's Date:
February 6, 2024

Staff Contact Name:
Lance McAvoy

Staff Contact Phone:
479-494-3908

	Dollar Amount	Contract Time (Days)
Original Contract Amount:	\$3,067,050.00	365
Change Order(s) To Date:	\$0.00	365
Allowed Weather Related Delays	-----	68
This Change Order:	-\$437,508.63	-64
Adjusted Contract:	<u>\$2,629,541.37</u>	<u>734</u>
Payments to date (as negative):	-\$2,576,025.20	
Retainage Held	\$76,676.25	
Contract Balance Remaining	\$53,516.17	

Final Comments:

Contract amount and contract time were adjusted to agree with actual contract cost and time.



MEMORANDUM

TO: Carl E. Geffken, City Administrator
CC: Jeff Dingman, Deputy City Administrator
FROM: Lance A. McAvoy, Director of Water Utilities
DATE: January 19, 2024
SUBJECT: On Call Services for Water System Repairs-Project 21-16-C1

SUMMARY

On September 21, 2021, the Board of Directors approved the bid of Forsgren, Inc., in the amount of \$3,067,050.00 (R-153-21). The scope of this project included the repair of leaking 1-inch and 2-inch water service lines, including new taps on the main water lines, and the installation of new water meter boxes. On January 17, 2023, the Board of Directors approved Change Order One (R-16-23) adding an additional 365 calendar days to the contract time. This project is throughout the city. A project summary and a presentation are attached for your review.

The adjusted final completion date for this project is March 03, 2024. There are still over 150 leaks on the list provided to Forsgren for repair, however, Forsgren is not interested in extending the contract time any further and the contract is considered complete as of December 31, 2023. As this was an "On-Call" contract, the terms of the contract were met. A change order has been presented to reconcile the contract final costs and adjust the contract time for qualified delays and actual final completion date. The change order included a reduction in the contract amount of \$437,508.63, for a total contract amount of \$2,629,541.37, and included a decrease in the contract time of 64 days, for a total contract time of 734 days. A total of 619 leaks were repaired at an average cost of \$4,248.05 per leak.

A Resolution accepting the project as complete and authorizing final payment to Forsgren, Inc., for \$53,516.17, is attached. The funding for this project is available through account 6505 Capital Improvement Fund. Please contact me should you or members of the Board have any questions or desire additional information

ATTACHMENTS

1. [21-16-C1_2024.02.06_FOR-Final_-_BP_-_Resolution.pdf](#)
2. [21-16-C1_2024.02.06_FOR-Final_-_BP_-_Presentation.pdf](#)
3. [21-16-C1_2024.02.06_FOR-Final_-_BP_-_Project_Summary.pdf](#)

FISCAL IMPACT: \$53,516.17
BUDGET INFORMATION: Budgeted / Water Utilities - 6505 Capital Improvement Fund

RESOLUTION NO. _____

RESOLUTION AUTHORIZING THE PROJECT AS COMPLETE AND AUTHORIZING FINAL
PAYMENT TO FORSGREN, INC., FOR THE
ON CALL SERVICES FOR WATER SYSTEM REPAIRS

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT
SMITH, ARKANSAS, that:

SECTION 1: The construction of On Call Services for Water System Repairs, Project
21-16 (Construction) C1, is hereby accepted as complete.

SECTION 2: Final payment to Forsgren, Inc. in the amount of \$53,516.17, is hereby
approved.

This Resolution adopted this _____ day of February 2024.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:



_____ npr

**On Call Services for Water System Repairs
Project No. 21-16-C1**

- Project Cost & Schedule:
 - Construction Contract Amount: \$3,067,050.00
 - Actual Construction Spend: \$2,629,541.37
 - Completed 14.27% Under Original Construction Contract Amount
 - Notice To Proceed: December 27, 2021
 - Final Completion Date Allowed By Contract: March 04, 2024
 - Actual Final Completion Date: December 31, 2023
- Scope of Work:
 - This project included the repair of leaking 1-inch and 2-inch water service lines, including new taps on the distribution water mains, and the installation of new water meter boxes. (Water meters were installed by the Fort Smith Water Utility Department.)
- Project Information:
 - Design Engineer – In-House
 - Construction Contractor – Forsgren, Inc.
 - Inspection Services – In-House
- Project Details:
 - 619 Leaks Were Repaired
 - Average Cost To Repair A Leak Was \$4,248,00

**On Call Services for Water System Repairs
Project No. 21-16-C1**



Two Services Repaired Using Tapping Saddles

**On Call Services for Water System Repairs
Project No. 21-16-C1**



Service Repaired Using A Tapping Repair Clamp

**On Call Services for Water System Repairs
Project No. 21-16-C1**



Sealing Leaking Pipe With A Repair Clamp

**On Call Services for Water System Repairs
Project No. 21-16-C1**



New Service Line And Meter Box

**On Call Services for Water System Repairs
Project No. 21-16-C1**



Tracer Wire

Corporation Stop

Corporation Stop (i.e. Shut Off Valve) And Tracer Wire

**On Call Services for Water System Repairs
Project No. 21-16-C1**



Cross Street Open Cut Patch

(Where The Water Main Is On One Side Of The Street And The Water Meter Is On The Opposite Side Of The Street)

**On Call Services for Water System Repairs
Project No. 21-16-C1**



Driveway Repair

Project Summary

Project Name:

On Call Services for Water
System Repairs

Project Number:

21-16-C1

Project Engineer:

Richard Hamrick

Project Contractor:

Forsgren, Inc.

Notice to Proceed Issued:

12/27/2021

Project Status:

In Progress

Today's Date:

January 19, 2024

Staff Contact Name:

Lance McAvoy

Staff Contact Phone:

479-494-3908

	Dollar Amount	Contract Time (Days)
Original Contract Amount:	\$3,067,050.00	365
Change Order(s) To Date:	-\$437,508.63	369
Adjusted Contract:	<u>\$2,629,541.37</u>	<u>734</u>
Payments to date (as negative):	-\$2,576,025.20	
Retainage Held	\$0.00	
Contract Balance Remaining	\$53,516.17	

Final Comments:

Contract completed 14.27% below the original contract amount and 64 days less than the allowed contract time.