



January 22, 2020
Project 16134

Mr. Brandon Coleman, P.E.
City of Boulder
1739 Broadway
Boulder, CO 80302

**Re: South Boulder Creek Regional Detention Phase I Preliminary Design Project
Conceptual Design Activities
P.O. 2016000816
Progress Report No. 23**

Dear Mr. Coleman:

Attached is our Progress Report No. 23 and invoice number 54009 for work performed for conceptual design activities on the referenced project.

Please do not hesitate to contact me if you have any questions or comments.

Sincerely,

RJH CONSULTANTS, INC.


Robert J. Huzjak, P.E.
Project Manager

RJH/tjp

Attachments: As stated above

SEE PAGE 3 FOR APPROVAL

**SOUTH BOULDER CREEK REGIONAL DETENTION PRELIMINARY DESIGN PROJECT
PROGRESS REPORT NO. 23**

Task 1 – Project Management

- Managed and coordinated work.
- Prepared invoice and monthly progress report.

Task 2 – Project Meetings

- Prepared for project conference calls and meetings.
- Participated in project conference calls on December 18, 2019, and January 8 and 15, 2020.

Task 3 – Geotechnical Investigations

- No work performed on this task.

Task 4 – Groundwater Modeling

- No work performed on this task.

Task 5 – Environmental Permitting

- Evaluated environmental impacts of the concept alternatives. We did not receive an invoice from CORVUS for this work, but will include in the next invoice.

Task 6 – Concept Development and Evaluation

- Performed hydraulic modeling. We did not receive an invoice from DHI for this work, but will include in the next invoice.
- Developed cost estimates.
- Prepared and submitted summary memorandum and figures.

Task 7 – Surveying and Base Map Development

- No work performed on this task.

Task 8 – Landscape Architecture

- No work performed on this task.

SOUTH BOULDER CREEK REGIONAL DETENTION - PHASE I CONCEPTUAL DESIGN

PROGRESS PAYMENT SUMMARY

Progress Report No. 23

| Task | Description | Amount Invoiced This Period | Amount Previously Invoiced | Total Billed To Date | Total Budget ⁽¹⁾ | Remaining Budget |
|---------------|------------------------------------|-----------------------------|----------------------------|-----------------------|-----------------------------|--------------------|
| 1 | Project Management | \$ 2,406.00 | \$ 111,880.34 | \$ 114,286.34 | \$ 122,400.00 | \$ 8,113.66 |
| 2 | Project Meetings | \$ 309.00 | \$ 129,895.24 | \$130,204.24 | \$ 139,000.00 | \$ 8,795.76 |
| 3 | Geotechnical Investigations | \$ - | \$ 728,562.53 | \$728,562.53 | \$ 731,800.00 | \$ 3,237.47 |
| 4 | Groundwater Modeling | \$ - | \$ 9,088.00 | \$9,088.00 | \$ 9,100.00 | \$ 12.00 |
| 5 | Environmental Permitting | \$ - | \$ 38,778.96 | \$ 38,778.96 | \$ 49,300.00 | \$ 10,521.04 |
| 6 | Concept Development and Evaluation | \$ 13,009.50 | \$ 752,459.39 | \$765,468.89 | \$ 760,200.00 | \$ (5,268.89) |
| 7 | Surveying and Base Map Development | \$ - | \$ 47,430.00 | \$ 47,430.00 | \$ 47,400.00 | \$ (30.00) |
| 8 | Landscape Architecture | \$ - | \$ 2,391.00 | \$2,391.00 | \$ 2,400.00 | \$ 9.00 |
| TOTALS | | \$15,724.50 | \$1,820,485.46 | \$1,836,209.96 | \$ 1,861,600.00 | \$25,390.04 |

Notes:

1. Initial budget plus approved Change Request Numbers 1,2,3,5,6 and 7.

| | |
|--------------------|-----------------------------|
| Amount to be Paid: | <u>\$15,724.50</u> |
| Munis PO#: | <u>2019000829</u> |
| ORG#: | <u>61090040</u> |
| OBJ#: | <u>6505720</u> |
| Project#: | <u>610SW0040</u> |
| Phase#: | <u> </u> |
| Approver's Name: | <u>Brandon Coleman</u> |
| Date: | <u>3/5/2020</u> |
| EEID#: | <u> </u> |

PROGRESS REPORT 23

| | Task 1 | | Task 2 | | Task 3 | | Task 4 | | Task 5 | | Task 6 | | Task 7 | | Task 8 | | Total | |
|--------------------------|--------------------|--------------------|--------------------|------------------|-----------------------------|-------------|----------------------|-------------|--------------------------|-----------|------------------------------------|-------------|------------------------------------|-------------|------------------------|---------------------|---------------------|------|
| | Project Management | | Project Meetings | | Geotechnical Investigations | | Groundwater Modeling | | Environmental Permitting | | Concept Development and Evaluation | | Surveying and Base Map Development | | Landscape Architecture | | | |
| | Hours | Cost | Hours | Cost | Hours | Cost | Hours | Cost | Hours | Cost | Hours | Cost | Hours | Cost | Hours | Cost | Hours | Cost |
| Grade 8 | \$ 234 | 6.5 | \$ 1,521.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | 5 | \$ 1,170.00 | \$ - | \$ - | \$ - | \$ - | 11.5 | \$ 2,691.00 | |
| Grade 7 | \$ 217 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | \$ - | \$ - | \$ - | \$ - | 0 | \$ - | | |
| Grade 6 | \$ 191 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | \$ - | \$ - | \$ - | \$ - | 0 | \$ - | | |
| Grade 5 | \$ 177 | 5 | \$ 885.00 | 1.5 | \$ 265.50 | \$ - | \$ - | \$ - | \$ - | 24 | \$ 4,248.00 | \$ - | \$ - | \$ - | 30.5 | \$ 5,398.50 | | |
| Grade 4 | \$ 147 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | \$ - | \$ - | \$ - | \$ - | 0 | \$ - | | |
| Grade 3 | \$ 132 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | \$ - | \$ - | \$ - | \$ - | 0 | \$ - | | |
| Grade 2 | \$ 121 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | 31 | \$ 3,751.00 | \$ - | \$ - | \$ - | 31 | \$ 3,751.00 | | |
| Grade 1 | \$ 111 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | 13 | \$ 1,443.00 | \$ - | \$ - | \$ - | 13 | \$ 1,443.00 | | |
| CAD | \$ 112 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | 13.5 | \$ 1,512.00 | \$ - | \$ - | \$ - | 13.5 | \$ 1,512.00 | | |
| Admin | \$ 87 | | \$ - | 0.5 | \$ 43.50 | \$ - | \$ - | \$ - | \$ - | 6.5 | \$ 565.50 | \$ - | \$ - | \$ - | 7 | \$ 609.00 | | |
| Subtotal | | 11.5 | \$ 2,406.00 | 2 | \$ 309.00 | 0.00 | \$ - | 0.00 | \$ - | 93 | \$ 12,689.50 | \$ - | \$ - | \$ - | 106.5 | \$ 15,404.50 | | |
| RJH Expenses | | | | | | | | | | | | | | | | | | |
| RJH Total | | \$ 2,406.00 | | \$ 309.00 | | \$ - | | \$ - | | | \$ 12,689.50 | | \$ - | | \$ - | | \$ 15,404.50 | |
| Subconsultants | | | | | | | | | | | | | | | | | | |
| Muller | | | | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | |
| CORVUS | \$ - | | \$ - | | \$ - | | \$ - | Note 1 | | | | | \$ - | | \$ - | | \$ - | |
| Flatirons | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | |
| ATT | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | |
| Elite Drilling | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | |
| DHI | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | Note 2 | | | \$ - | | \$ - | | \$ - | |
| Architerra | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | |
| Kimley Horn | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | |
| Lithos | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | | \$ 320.00 | | \$ - | | \$ - | | \$ 320.00 | |
| Subconsults Total | | | | | | | | | | | \$ 320.00 | | | | | | \$ 320.00 | |
| Total | | | | | | | | | | | | | | | | | | |
| Grand Total | | \$ 2,406.00 | | \$ 309.00 | | \$ - | | \$ - | | | \$ 13,009.50 | | \$ - | | \$ - | | \$ 15,724.50 | |

Notes: 1. We did not receive an invoice from CORVUS in time to include with this invoice. We will include in the next invoice to the City.
 2. We did not receive an invoice from DHI in time to include with this invoice. We will include in the next invoice to the City.



RJH Consultants, Inc.

9800 Mt. Pyramid Ct., Suite 330
Englewood, CO 80112-2668
Tel: 303-225-4611 Fax: 303-225-4615
info@rjh-consultants.com
http://www.rjh-consultants.com

Invoice

City of Boulder
1777 Broadway
P.O. Box 791
Boulder, CO 80306

Invoice Date: Jan 22, 2020
Invoice Num: 54009
PO #: 2016000816

16134-South Boulder Creek:

For professional services rendered on the above referenced project for the period December 15, 2019 to January 18, 2020

Professional Services

| | <u>Hours</u> | <u>Rate</u> | <u>Amount</u> |
|------------------------------|--------------|-------------|--------------------|
| Grade 8: | | | |
| Robert J. Huzjak | 11.50 | \$234.00 | \$2,691.00 |
| Grade 5: | | | |
| Eric M. Hahn | 30.50 | \$177.00 | \$5,398.50 |
| Grade 2: | | | |
| Samantha M. Guillies | 31.00 | \$121.00 | \$3,751.00 |
| Grade 1: | | | |
| Brittany J. Kaminky | 1.50 | \$111.00 | \$166.50 |
| Michael J. Bianchini | 11.50 | \$111.00 | \$1,276.50 |
| CAD Designer: | | | |
| Clint N. Davis | 13.50 | \$112.00 | \$1,512.00 |
| Admin/WP: | | | |
| Derek R. Staudt | 6.50 | \$87.00 | \$565.50 |
| Tiffany J. Patrick | 0.50 | \$87.00 | \$43.50 |
| Total Service Amount: | | | \$15,404.50 |

Subconsultants

Lithos Engineering

| | <u>Amount</u> |
|--------------------------------------|--------------------|
| Lithos Engineering | \$320.00 |
| Total Subconsultant Expenses: | \$320.00 |
| Total Amount Due: | \$15,724.50 |

This invoice is due on 2/21/2020

LITHOS ENGINEERING

5205 S. College Avenue
Suite B
Fort Collins, CO 80525

RJH Consultants
9800 Mt. Pyramid Ct
Suite 330
Englewood, CO 80112

Invoice number 1387
Date 01/06/2020

Project **16025 SOUTH BOULDER DETENTION**

Professional services through 12/31/2019

Invoice Summary

| Description | Contract Amount | Total Billed | Prior Billed | Current Billed | Remaining |
|-------------------------|------------------|-----------------|-----------------|----------------|------------------|
| SOUTH BOULDER DETENTION | 40,085.00 | 1,693.40 | 1,373.40 | 320.00 | 38,391.60 |
| Total | 40,085.00 | 1,693.40 | 1,373.40 | 320.00 | 38,391.60 |

Professional Fees

| | Date | Hours | Rate | Billed Amount |
|----------------------------------|------------|-------|--------|---------------|
| Ryan Marsters Project Manager | 08/09/2019 | 0.50 | 160.00 | 80.00 |
| | 12/19/2019 | 1.50 | 160.00 | 240.00 |
| | Subtotal | 2.00 | | 320.00 |
| Professional Fees subtotal | | 2.00 | | 320.00 |

Invoice total **320.00**

Aging Summary

| Invoice Number | Invoice Date | Outstanding | Current | Over 30 | Over 60 | Over 90 | Over 120 |
|----------------|--------------|---------------|---------------|-------------|-------------|-------------|-------------|
| 1387 | 01/06/2020 | 320.00 | 320.00 | | | | |
| | Total | 320.00 | 320.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Payment due upon receipt

RJH Consultants, Inc.
Approved for Payment

App. no. 16134 / 2006

By: EMH

Date: 1/9/2020