

**MODIFICATION NO. 4  
TO ON-CALL AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES NO. 2016-042-1**

**City of Lee's Summit, Cedar Creek Interceptor Phase 3**

**THIS MODIFICATION NO. 4 TO ON-CALL AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES NO. 2016-042-1** is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2018, by and between the City of Lee's Summit, Missouri (hereinafter "City"), and HDR Engineering, Inc. (hereinafter "Engineer").

**WITNESSETH:**

**WHEREAS**, City and Engineer entered into an Agreement dated January 17, 2017 (RFQ No. 2016-042-1) for professional engineering services for On-Call Professional Engineering Services (hereinafter "Base Agreement"); and,

**WHEREAS**, City desires to engage Engineer for a specific scope of engineering services which are covered by the Base Agreement; and,

**WHEREAS**, Engineer has submitted a proposal for the engineering services and an estimate of engineering costs to perform said services in compliance with the Base Agreement; and,

**NOW, THEREFORE**, in consideration of the mutual covenants and considerations herein contained, **IT IS HEREBY AGREED** by the parties hereto as follows:

**ARTICLE I  
SCOPE OF ON-CALL SERVICES TO BE PROVIDED BY THE ENGINEER**

Pursuant to Article I of the Base Agreement, Engineer is hereby engaged to provide the following scope of services:

The Construction Documents previously prepared by HDR in 2014 as part of the Cedar Creek Interceptor Segment 2-2 project will be updated. The segment from MH 28 to MH 40, a distance of approximately 2,753 linear feet was not constructed due to project budget constraints. The existing topographic survey will be updated and the construction drawings updated based on current topographic and utility information. A Project Manual will be developed based on current City standard documents, supplemented with Project Special Provisions, as needed. Bid Phase support services will also be provided. A detailed scope of work is included in Exhibit 1 attached.

**ARTICLE IV  
PAYMENTS TO THE SERVICE PROVIDER**

Payment to the Engineer for the services identified herein shall not exceed \$99,070 pursuant to the rates set forth in Exhibit 2 attached hereto and incorporated herein by reference.

**ARTICLE VIII  
ALL OTHER TERMS REMAIN IN EFFECT**

All other terms of the base agreement not amended by this modification to on-call agreement shall remain in full force and effect.

This Modification No. 4 shall be binding on the parties thereto only after it has been duly executed and approved by City and Engineer.

**IN WITNESS WHEREOF**, the parties have caused this Modification to On-Call Agreement to be executed on the \_\_\_\_\_ day of \_\_\_\_\_, 2018.

**CITY OF LEE'S SUMMIT**

\_\_\_\_\_  
STEPHEN A. ARBO, CITY MANAGER

APPROVED AS TO FORM:

\_\_\_\_\_  
NANCY K. YENDES  
CHIEF COUNSEL FOR INFRASTRUCTURE AND PLANNING

**ENGINEER:** HDR ENGINEERING, INC.

  
\_\_\_\_\_  
Joseph Drimmel (Dec 27, 2017)

BY: Joseph E. Drimmel

TITLE: Vice President

## EXHIBIT 1

### City of Lee's Summit Cedar Creek Interceptor Phase 3

#### SCOPE OF SERVICES

The Construction Documents previously prepared by HDR in 2014 as part of the Cedar Creek Interceptor Segment 2-2 project will be updated. The segment from MH 28 to MH 40, a distance of approximately 2,753 linear feet was not constructed due to project budget constraints. The existing topographic survey will be updated and the construction drawings updated based on current topographic and utility information. A Project Manual will be developed based on current City standard documents, supplemented with Project Special Provisions, as needed. Bid Phase and Construction Administration support services will also be provided. An As-built survey of the sanitary sewer manholes will be performed and Record Drawings will be provided to the City for incorporation into their archive and GIS systems.

#### PROJECT TASKS

##### TASK 1 – PROJECT MANAGEMENT & QA/QC

###### Services Provided by HDR

- Project Kick-off Meeting w/ Design Team & City Staff
- Perform project administrative duties including supervision and coordination of the project team, review of project costs and billings, prepare invoices using Engineer's standard form, preparation of status reports, and general administrative activities
- Conduct one (1) general project meeting to discuss project status, coordination efforts, drawing reviews, easements, etc. Provide meeting minutes for each meeting held with City staff.
- Conduct internal quality control and revise plans and specifications per internal comments

##### TASK 2 – SURVEY

###### Services Provided by HDR

- Field check existing topographic features to previous survey completed in 2012 along designed alignment between MH 28 (End of constructed Segment 2-2 project) and MH 40 (end of designed Segment 2-2 project) Approximately 2,800 LF.
- Call in utility locates and GPS survey apparent existing utilities
- Topo survey creek crossings including flow line and top of bank elevations (four locations)
- Process all field data from ground survey and merge with previous aerial mapping and topo survey into a combined base map
- Prepare easement descriptions and generate exhibits for all required properties within the project limits not already acquired (3 properties assumed). Provide two (2) copies of all easements to the City. Easements shall be sealed by a licensed professional land surveyor and submitted to the City
- Stake easements to facilitate appraisals and negotiations with property owners. (3 properties assumed)

##### TASK 3 – FINAL DESIGN/CONSTRUCTION DOCUMENT PREPARATION

###### Services Provided HDR

- Coordinate with impacted utilities including KCMO (water transmission main), KCP&L (overhead power & substation), LS Water Services, MGE, and telecommunication/cable companies. (One utility coordination meeting will be held)

- Review City provided current front end documents and division 1 specifications. Complete City front end documents and division 1 specifications and compile with project specific technical specifications
- Update previously completed final plans based on updated survey and field review. Submit three (3) sets of final plans to City for review at least one week prior to meeting with City staff. Submittal to include updated specifications and opinion of probable cost.
- Attend one (1) meeting to review the plans and specifications with City staff to gather all City comments
- Update previously completed final plans and specifications per field review and City comments. Provide three (3) full-size sets of plans, three (3) half-size sets of plans, and three (3) Project Manuals to the City
- Update previously completed stream stabilization plans based on updated stream topography. Submit 404 permit to the Corps of Engineers.
- Prepare and submit Construction permit for approval from MDNR
- Coordinate with Jackson County Rock Island Rail Corridor Authority utility crossing permit
- Complete SWPPP and submit land disturbance permit to MDNR, (\$500 permit fee included)
- Determine project quantities and prepare an estimate of probable construction costs. Provide one (1) copy for City
- Meet with City on complete submittal package for the bidding documents

#### **TASK 4 – BID PHASE**

##### **Services Provided HDR**

- Attend a pre-bid meeting with the City and prospective bidders approximately 14 calendar days prior to the bid opening to discuss the project requirements and bidder questions. Issue an addendum answering questions gathered at the meeting.
- Address and answer bid phase inquiries up to seven (7) calendar days before the bid date
- Evaluate bidder inquiries and issue resulting addenda to all recorded document holders seven (7) calendar days before the bid date
- Attend bid opening
- Review bids for completeness and accuracy. Submit a written award recommendation to the City

#### **TASK 5 – CONSTRUCTION ADMINISTRATION PHASE**

##### **Services Provided HDR**

- Perform Project Management/Administration duties associated with the Construction Phase of the project including supervision and coordination of the project team, review of project costs and billings, prepare invoices using Engineer's standard form, preparation of status reports, and general administrative activities.
- Attend and participate in pre-construction conference, agenda and minutes to be prepared by City staff.
- Assist City staff with submittal reviews. Cataloging and tracking of submittals will be performed by the City. HDR will review and provide comments to City for distribution to Contractor and City staff.
- Upon the request of the City HDR will provide interpretations of the Contract Documents through written responses to RFI's and potential work change requests.
- Attend monthly progress meetings and perform site visit (6 meetings) agenda and minutes to be prepared by City staff.
- Assist City with revisions to Contract Drawings to reflect construction changes
- Attend final project walk-through
- Prepare Certificate of Project completion
- As-built Survey of structure locations and rim and invert elevations
- Prepare as-built drawings and provide 1 bond, 2 CD copies of PDF images

**SCHEDULE**

HDR will begin our services upon receipt of a written notice to proceed. HDR anticipates the following completion periods for each task.

Task 1: 180 calendar days

Task 2: 60 calendar days

Task 3: 90 calendar days

Task 4: 90 calendar days

Task 5: 210 calendar days

Estimated total project duration: 390 calendar days

**COMPENSATION**

Our estimate for Tasks 1-4 is \$99,070 on a time and materials basis and will not be exceeded without written approval by the City.



# RATE SCHEDULE

(JANUARY 1, 2018 – DECEMBER 31, 2018)

# EXHIBIT 2

ROLE .....	HOURLY RATE
PROJECT PRINCIPAL/QUALITY CONTROL	\$200.00 - \$225.00
SENIOR PROJECT MANAGER	\$175.00 - \$225.00
SENIOR TECHNICAL SPECIALIST	\$245.00-\$290.00
SENIOR PROJECT ENGINEER	\$155.00 - \$194.00
PROJECT ENGINEER	\$110.00 - \$153.00
ASSISTANT PROJECT ENGINEER	\$80.00 - \$107.00
SENIOR STRUCTURAL ENGINEER	\$145.00 - \$205.00
STRUCTURAL ENGINEER	\$90.00 - \$143.00
SENIOR ELECTRICAL ENGINEER	\$145.00 - \$205.00
ELECTRICAL ENGINEER	\$90.00 - \$143.00
SENIOR MECHANICAL ENGINEER	\$145.00 - \$194.00
MECHANICAL ENGINEER	\$90.00 - \$143.00
SENIOR ARCHITECT	\$145.00 - \$194.00
ARCHITECT ENGINEER	\$90.00 - \$143.00
SENIOR TECHNICIAN	\$115.00 - \$138.00
TECHNICIAN	\$70.00 - \$117.00
FIELD MANAGER	\$70.00-\$133.00
FIELD SUPERVISOR II	\$65.00-\$92.00
FIELD SUPERVISOR I	\$50.00-\$92.00
FIELD TECHNICIAN II	\$55.00-\$76.00
FIELD TECHNICIAN I	\$45.00-\$61.00
SURVEY MANAGER	\$110.00 - \$143.00
SURVEY CREW	\$120.00 - \$164.00
SENIOR SUPPORT STAFF	\$80.00 - \$107.00
ADMINISTRATION PERSONNEL	\$ 50.00 - \$82.00

**REIMBURSABLES:**

PRINTING & REPRODUCTION	COST
TRAVEL	CURRENT IRS RATE
PHONE	COST
MAPPING	COST
SUBCONSULTANTS	COST