

AMENDMENT NO. 2 TO AUTHORIZATION NO. 79
TO
AGREEMENT BETWEEN
CITY OF SMITHVILLE, MISSOURI
AND
HDR ENGINEERING, INC. (FORMALLY E.T. ARCHER CORPORATION)
FOR
PROFESSIONAL ENGINEERING SERVICES

DOWNTOWN STREETScape PHASE 2

In accordance with Section 1.A. of the December 18, 2003 Agreement, Authorization 79 dated September 6, 2016, and Amendment No. 1 to Authorization 79 dated September 5, 2017, ENGINEER is hereby authorized to assist the City with the topographic survey, design, preparation of construction documents, bidding assistance, and construction administration for the Downtown Streetscape Phase 2 project. Addendum Number 2 modifies the original scope of the project east along Main St. from Commercial Ave. to Liberty Rd. The modified scope will address comments from the 11/19/19 Board of Alderman Work Session. This will include a “streetscape-lite” design on Main Street from Commercial to Smith and a multi-use trail from Smith to Liberty on the north side of Main Street. The scope will also include topographic survey and design of a basketball court at Heritage Park. This Scope of Services will include only the additions to the original scope authorization and will more specifically include the following project improvements and tasks.

SCOPE OF SERVICES

Tasks 1-5 – Part of Original Work Authorization 79 – Original scope remains in effect.

Tasks 6-10 – Part of Amendment 1 of Work Authorization 79 – Original scope remains in effect.

Task 11 – Additional Survey

- 11.1 Obtain topographic survey for the basketball court area at Heritage Park.
- 11.2 Obtain Guaranteed Title Reports (GTR) for up to 11 properties.
- 11.3 Prepare permanent and temporary easement descriptions and conveyance documents for up to 11 properties. Permanent easements are anticipated for properties on the north side of Main Street between Commercial and Smith to accommodate lowering of the overhead power and telecom lines to below ground.

Task 12 – Design Phase

- 12.1 Finalize Streetscape Plans from Commercial to Smith based on the input received from the Board of Aldermen at the 11/19/19 meeting. Direction given includes:
 - 5 foot wide concrete sidewalks on both sides of Main Street until Smith Street, 8 foot multi-use path on north side of street from Smith Street to Liberty Street
 - Brick accents at street light locations
 - Decorative street lighting from Commercial to Smith Street with them extended on the north side of the street only to Heritage Park driveway
 - Eliminate electrical outlets from street lighting in this phase of the project
 - No curb bump outs at Smith Street but add a raised pedestrian crossing N/S for traffic calming
 - Keep existing curb and gutter in fair condition as much as possible
 - 2 inch asphalt mill and overlay
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- 12.2 KCP&L Overhead Power Drop Inquiry/Coordination.
- 12.3 Develop Heritage Park basketball court improvement plans.
- 12.4 Create Project Manual/Technical Specifications.
- 12.5 Review Meeting – HDR will hold a meeting with the Client to discuss the 60% plans of the expanded areas of the project.
- 12.6 Submit land disturbance permit to the Missouri Department of Natural Resources (MDNR).
- 12.7 Utility Coordination.
- 12.8 Internal QC Review.
- 12.9 Perform project management, schedule/cost control, invoicing.

Task 13 – Bidding Phase

- 13.1 Prepare bid package (submit 1 hard copy to city, electronic files to Drexel).
- 13.2 Address prospective bidder's questions during bidding.
- 13.3 Prepare up to two (2) addenda during bidding.
- 13.4 Attend bid opening.
- 13.5 Tabulate and review bids and provide award recommendation.

Task 14 – Construction Phase

- 14.1 Review and distribute four (4) sets of executed contract documents.
- 14.2 Attend pre-construction meeting (prepare agenda/meeting notes).
- 14.3 Review up to fifteen (15) Contractor submittals.
- 14.4 Address up to ten (10) RFI's and issue up to five (5) change orders.
- 14.5 Review Contractor's applications for payment.
- 14.6 Progress/Coordination Meetings (6 meetings included).
- 14.7 Engineer site visits (3 total).
- 14.8 Perform substantial/final completion inspection/documentation.
- 14.9 Perform project management, schedule/cost control, invoicing.
- 14.10 Record Drawings Completion/Project Close-Out.

KEY PROJECT UNDERSTANDINGS

Project Assumptions

- The streets will not be re-constructed, but will require a mill and overlay.
- Project does not include utility relocations or reconstruction except as specifically detailed in this scope of service.
- City will provide coordination assistance with property owners/business managers for discussions involving access to their specific properties/businesses.
- The City will arrange/conduct any need for public meeting. HDR will assist with this service if the City so chooses as an additional service.
- Project will only be bid one time.
- City staff will provide construction observation. HDR can provide this service if the City so chooses as an additional service.
- A geotechnical investigation will not be required.

Additional Services

Any additional services performed beyond the scope of work will be negotiated on a time and materials basis. These may include, but are not limited to:

- Construction resident project representative
- Soil Testing
- Relocation of utility systems not specifically detailed in the scope of services

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- Attendance at meetings or presentations not specified in the scope, including but not limited to Board of Aldermen Meetings or Public Meetings/Open Houses.

FEE

The CITY shall compensate ENGINEER for Amendment No. 2 to Authorization 79 an amount not to exceed \$74,940 for the Basic Services listed above. The total project fee for the Downtown Streetscape project shall be amended to the not to exceed total of \$###. Individual tasks may be below or above the estimated fee but the overall Authorization amount may not be exceed without written approval of the CITY.

Original contract fee:	\$148,500
Addendum 1	\$161,470
<u>Addendum 2</u>	<u>\$74,940</u>
Total contract fee:	\$384,910

SCHEDULE

01/08/20	Notice to proceed
02/07/20	60% Review Plans to City
03/05/20	Advertise to Bid
03/26/20	Bid Opening
11/20/20	Anticipated Construction Completion (210 days)

This AUTHORIZATION shall be binding on the parties hereto only after it has been duly executed and approved by the CITY and ENGINEER.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this AGREEMENT in duplicate on the respective dates indicated below.

CITY: SMITHVILLE, MISSOURI

By: _____

Damien Boley

Type or Print Name

Title Mayor

Date _____

ENGINEER: HDR Engineering, Inc. (formally
E.T. ARCHER CORPORATION)

By:  _____
Joseph Drimmel (Dec 20, 2019)

Joseph Drimmel, P.E.

Type or Print Name

Title Sr. Vice President

Date Dec 20, 2019

Smithville Downtown Streetscape - Design Phase
Scope and Fee

Rate Schedule Code	Bresette, Aaron J	Wiebelhaus, Mitchell John (Mitch)	Call, Brady	Sherman, William A	Henningson, Troy	Hopson, Anthony J	Boyd, Thomas K III	Wiseman, David L	Yakle, Johnny R	Jasper, James F	Shields, Tyler	Meyer, Timothy C	Campbell, Joni L	Harkins, Jeremy	Berne, Susan L	HDR Expenses	Total
	Senior Project Manager I	Engineer II	Engineer I	Cadd/GIS Technician III	Engineer II	Engineer II	Engineer II	Technical Specialist	Senior Land Surveyor	Survey Technician III	Survey Technician II	Survey Technician II	Project Assistant	Project Accountant I	Admin Assistant		
Billing Rate	\$225.00	\$135.00	\$110.00	\$130.00	\$135.00	\$135.00	\$135.00	\$250.00	\$160.00	\$120.00	\$80.00	\$80.00	\$95.00	\$95.00	\$80.00		
TASKS																	
A. Task 1 - Additional Survey																	
1 Obtain topographic survey for the basketball courts at Heritage Park									2	3	8	8				\$80	\$2,040
2 Obtain Guaranteed Title Reports (GTR) for up to 11 properties									1							\$2,750	\$2,910
3 Prepare permanent temporary easement descriptions and conveyance documents for up to 11 properties									30	10							\$6,000
Subtotal Hours	0	0	0	0	0	0	0	0	33	13	8	8	0	0	0		
Subtotal Dollars	0	0	0	0	0	0	0	0	5280	1560	640	640	0	0	0	2830	\$10,950
Total Task 1																	\$10,950
B. Task 2 - Design Phase																	
1 Finalize Streetscape Plans from Commercial to Smith	2	12	8	12	4	4	10	1									\$7,190
2 KCP&L Overhead Power Drop Inquiry/Coordination	2	8														\$75	\$1,605
3 Develop Heritage Park Basketball Court Improvement Plans	2	8	8	8	8												\$4,530
4 Create Project Manual/Technical Specifications	4	20			4	4	4								16	\$50	\$6,550
5 Review Meeting (1 included)	3	6														\$70	\$1,555
6 Submit land disturbance permit to the Missouri Department of Natural Resources (MDNR) & Prepare SWPPP		2	8													\$500	\$1,650
7 Utility Coordination	2	8															\$1,530
8 Internal QC Review	4							2									\$1,400
9 Perform project management, schedule/cost control, invoicing	4												4	4			\$1,660
Subtotal Hours	23	64	24	20	16	8	14	3	0	0	0	0	4	4	16		
Subtotal Dollars	5175	8640	2640	2600	2160	1080	1890	750	0	0	0	0	380	380	1280	695	\$27,670
Total Task 2																	\$27,670
C. Task 3 - Bid Phase																	
1 Prepare bid package (submit 1 hard copy to city, electronic files to Drexel)	1	2													2	\$80	\$735
2 Address prospective bidder's questions during bidding	1	4	8														\$1,645
3 Prepare up to two (2) addenda during bidding	1	4	8	4	1	1	1	1									\$2,820
4 Attend bid opening	2	4														\$45	\$1,035
5 Tabulate and review bids and provide award recommendation	1	4	8														\$1,645
Subtotal Hours	6	18	24	4	1	1	1	1	0	0	0	0	0	0	2		
Subtotal Dollars	1350	2430	2640	520	135	135	135	250	0	0	0	0	0	0	160	125	\$7,880
Total Task 3																	\$7,880
D. Task 4 - Construction Phase																	
1 Review and distribute four (4) sets of executed contract documents	1	2	6														\$1,155
2 Attend pre-construction meeting (prepare agenda/meeting notes)	4	6															\$1,710
3 Review up to fifteen (15) Contractor submittals	4	8	16		2	2	2	2							8		\$5,690
4 Address up to ten (10) RFI's and issue up to five (5) change orders	1	8	16		2	2	2	2									\$4,375
5 Review Contractor's applications for payment	4	8															\$1,980
6 Progress/Coordination Meetings (6 meetings included)	18	18														\$320	\$6,800
7 Engineer site visits (3 total)		10														\$140	\$1,490
8 Perform substantial/final completion inspection/documentation	2	6															\$1,260
9 Perform project management, schedule/cost control, invoicing	8												4	4			\$2,560
10 Record Drawings Completion/Project Close-Out		4	8														\$1,420
Subtotal Hours	42	70	46	0	4	4	4	4	0	0	0	0	4	4	8		
Subtotal Dollars	9450	9450	5060	0	540	540	540	1000	0	0	0	0	380	380	640	460	\$28,440
Total Task 4																	\$28,440
Total Hours	71	152	94	24	21	13	19	8	33	13	8	8	8	8	26		506
Total Billing Amount	\$15,975	\$20,520	\$10,340	\$3,120	\$2,835	\$1,755	\$2,565	\$2,000	\$5,280	\$1,560	\$640	\$640	\$760	\$760	\$2,080	\$4,110	\$74,940

Estimated
Project Fee

\$74,940