



**AMENDMENT NO. 1 TO PROFESSIONAL SERVICES AGREEMENT
CONSTRUCTION MANAGEMENT SERVICES
DETROIT BASIN/ GAZELLE MEADOWS PARK STORM SYSTEM & ASSOCIATED
IMPROVEMENTS**

Project No. ST2101.451

Council Date: October 19, 2023

Item No.

THIS AMENDMENT NO. 1 ("Amendment No. 1") to the professional services agreement dated September 26, 2023 (the "Agreement") is made by and between the City of Chandler, an Arizona municipal corporation, ("City") and **Ardurra Group, Inc.** ("Consultant"), on this ____ day of _____, 2023 ("Effective Date"). (City and Consultant may individually be referred to as "Party" and collectively referred to as "Parties").

RECITALS

A. The Parties entered into the Agreement for: **Construction Management Services** ("Services") for the **Detroit Basin/ Gazelle Meadows Park Storm System & Associated Improvements** project.

B. The Parties have determined that it is necessary and desirable for the Consultant to perform additional services for the City under the terms and conditions set forth in this Amendment No. 1 and the Agreement.

AGREEMENT

NOW, THEREFORE, in consideration of the premises and mutual promises contained in the Agreement and this Amendment No. 1, the Parties agree to amend and modify the Agreement as follows.

SECTION I - CONSULTANT'S SERVICES

The Consultant's Services are modified as described in the Exhibit "A" attached to and made part of this amendment by reference.

SECTION II – PERIOD OF SERVICE

The Period of Service is increased by 120 calendar days for a revised total of 330 calendar days.

SECTION III – PAYMENT OF COMPENSATION AND FEES

The Fees are increased by \$315,160.00 and will be payable in accordance with Exhibit "B" attached to and made part of this amendment by reference, for a revised total not to exceed \$773,750.00.

SECTION IV – CONFLICT AMONG DOCUMENTS

The Agreement, this amendment, and any previous amendments constitute the complete agreement between the Parties concerning the subject matter of the Agreement and replace any prior oral or written communications between the Parties. If a conflict or ambiguity arises between the Agreement and this amendment, the instrument in the following order prevails and controls: (1) this amendment; (2) any previous Amendments from most recent to oldest; and (3) the Agreement.

SIGNATURE PAGE TO FOLLOW

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment No. 1 to be duly executed. Each Party warrants and represents that its respective signatories whose signatures appear below have been and are on the date of signature duly authorized to execute this Amendment No. 1.

"CITY" CITY OF CHANDLER

**"CONSULTANT"
Ardurra Group, Inc.**

MAYOR



10/03/2023

Signature

Date

RECOMMENDED BY:



Digitally signed by Kimberly Moon
DN: C=US,
E=Kimberly.Moon@ChandlerAZ.gov, O=City of
Chandler, OU=Capital Projects Division,
CN=Kimberly Moon
Date: 2023.10.04 08:56:55-07'00'

Kimberly Moon, P.E.
CIP City Engineer

Gary Fromm, PE

Print Name

Practice Director

Title

gfromm@ardurra.com

Signer Email Address

APPROVED AS TO FORM:

City Attorney



ATTEST:

City Clerk

Seal

Amendment No. 1 (cont.)
Project No. ST2101.451

These changes result in the following adjustments of Agreement amount and/or time:

Amendment authorized by Owner name: Mickey Ohland		Date: 9/21/2023
Consultant email: fhenderson@ardurra.com		
Original Agreement amount:	\$458,590.00	
Previous Amendment(s) total:	\$0.00	
Last Agreement amount approved by Council:	\$458,590.00	
This Amendment:	\$315,160.00	
This Amendment + previous Amendment(s) not approved by Council total:	\$773,750.00	
Revised Agreement total:	\$773,750.00	
Council Approval Required (yes indicates approval required)	Yes	No
Amendment(s) total over \$100,000:	☒	☐
Amendment(s) total causes Agreement to exceed \$100,000:	☒	☐
Agreement Time		
Agreement time prior to this Amendment (including previous amendments):	<u>210</u> Calendar Days	
Net change resulting from this Amendment:	<u>120</u> Calendar Days	
Revised Agreement time (including this Amendment):	<u>330</u> Calendar Days	
Council Approval (if applicable)		
Council Approval Date: _____ Item No. _____		

cc: Project Manager, Consultant, Owner, File

EXHIBIT A

SCOPE OF WORK

EXHIBIT “A”
CONSTRUCTION MANAGEMENT
SCOPE OF SERVICES
City of Chandler Project No. ST2101.451
Detroit Basin/ Gazelle Meadows (Storm Drain, Water, and Sewer Improvements)
Erie St. (Mill/Repave, Streetscape & Alley Repair)

PROJECT TASKS

1. CONSTRUCTION MANAGEMENT

A. Task 1.1 Pre-Construction Meeting

- i. Attend one pre-construction meeting with the City and Contractor.

B. Task 1.2 Weekly Construction Meetings

- i. Conduct weekly construction meetings. Each meeting includes agenda, minutes and tracking logs for Request for Information (RFI), Shop Drawing, Requests for Proposal (RFP), Field Directive (FD), Material Certification and Allowance Logs. Consultant assumes forty-two (42) total weekly meetings will be held. Thirty (30) meetings are assumed for Detroit Basin/Gazelle Meadows and twelve (12) meetings are for Erie St..

C. Task 1.3 CPM Schedule

- i. Review and evaluate Contractor’s initial CPM and provide recommendations.
- ii. Review Contractor’s monthly CPM schedule updates, identify CPM tasks behind schedule that may affect critical path items, project substantial and final completion dates and provide correspondence to City. Consultant assumes ten (10) total reviews. Seven (7) reviews are assumed for Detroit Basin/Gazelle Meadows and three (3) reviews are for Erie St. improvements.

D. Task 1.4 Requests for Information (RFI’s)

- i. Review, evaluate, and respond to Contractor RFI’s. and prepare and maintain a submittal log of all RFI’s. Consultant assumes a maximum of forty (40) RFI responses. Twenty (20) are assumed for Detroit Basin/Gazelle Meadows and twenty (20) reviews are for Erie St. improvements.

E. Task 1.5 Shop Drawing Submittals

- i. Review, evaluate, and respond to Contractor shop drawing submittals; and prepare and maintain a submittal log of all shop drawing submittals. Consultant assumes a maximum of twenty (20) reviews. Fifteen (15) are assumed for Detroit Basin/Gazelle Meadows and five (5) are for Erie St. improvements.

F. Task 1.6 Requests for Proposal (RFP)

- i. Prepare Requests for Proposal (RFP) documents detailing requested additional work tasks; review and evaluate Contractor RFP responses (cost derivations) with approval recommendations; and prepare and maintain a submittal log list of all RFP’s. Consultant assumes a maximum of thirty (30) RFPs. Twenty (20) are assumed for Detroit Basin/Gazelle Meadows and ten (10) are for Erie St. improvements.

G. Task 1.7 Field Directives (FD’s)

- i. Prepare Field Directive (FD) documents detailing additional work tasks; review and evaluate Contractor FD responses with recommendations; and prepare and maintain a submittal log list of all FD’s. Consultant assumes a maximum of twenty (20) FD’s. Twenty (10) are assumed for Detroit Basin/Gazelle Meadows and ten (10) are for Erie St. improvements.

H. Task 1.8 Contractor Payment Applications

- i. Review and evaluate Contractor monthly payment applications and make recommendation for payment; maintain a weekly record of constructed pay quantities and compile monthly totals; and coordinate payment application with the City quantity report and the inspectors’ daily logs. Consultant assumes a maximum of ten (10)

payment applications, with two (2) reviews each. Seven (7) reviews are assumed for Detroit Basin/Gazelle Meadows and three (3) reviews are for Erie St. improvements.

2. CONSTRUCTION INSPECTION & ADA RAMPS

A. Task 2.1 Inspection Services

- i. Provide weekly construction inspection to verify materials and installations conform to construction documents, prepare daily inspection reports documenting Contractor construction activities, and progress, and perform intermittent erosion control inspections. Consultant assumes one (1) construction inspector full time 50 hours per week and an additional one (1) construction inspector for 25 hours per week for thirty (30) weeks as needed for multiple crews, night work or weekend work for underground and surface restoration within residential project area.
- ii. Provide weekly construction inspection to verify materials and installations conform to construction documents, prepare daily inspection reports documenting Contractor construction activities, and progress, and perform intermittent erosion control inspections. Consultant assumes one (1) construction inspector full time 50 hours per week for twelve (12) weeks for Erie St. improvements.

B. Task 2.2 Project Closeout

- i. Compile non-conformance list, schedule and conduct Substantial Completion inspection, prepare Substantial Completion punch list, track completed punch list items and complete and distribute Substantial Completion certificates.
- ii. Schedule and conduct Final Completion inspection; and complete and distribute Final Completion certificates.

3. Community Support

A. Task 3.1 Project Site Meetings & ADA Ramp

- i. Attend Public Meeting (1) and site meetings with City staff, property owners, Public Outreach and Contractor to discuss property specific concerns and Hotline calls related to construction impacts.
- ii. Perform laser level data collection of existing sidewalk, curb and ramp surface features and prepare details to reconstruct twelve (12) ADA ramps. Construction details are for sidewalk locations only – i.e. no driveway locations. Ramp details do not include utility relocations, utility coordination, traffic signal modifications, pedestrian push button modifications or new Type “A” poles.

4. RECORD DRAWINGS

A. Task 4.1 Record Drawings

- i. Review and monitor Contractor’s weekly updates on red-line drawing set for Detroit Basin/Gazelle Meadows improvements.
- ii. Assist and coordinate EOR questions during Detroit Basin/Gazelle Meadow record drawings preparation.
- iii. Prepare redlines and update construction exhibits for 12 ADA ramp locations.

5. PROJECT MANAGEMENT

A. Task 5.1 Project Monitoring

- i. Perform accounting activities for Ardurra’s weekly contract management and budget monitoring.
- ii. Prepare regular monthly progress reports.
- iii. Perform regular budget monitoring.
- iv. Pay applications formatted to match fee derivation will be submitted monthly.

ASSUMPTION, CLARIFICATIONS, AND EXCLUSIONS

1. Scope of work is based on assumed contractor schedule to be total forty-two (42) weeks of which thirty (30) weeks are assumed for Detroit Basin/Gazelle Meadows improvements and twelve (12) weeks are assumed for Erie St. mill/repave, alley and streetscape improvements.

2. Inspection hours are based on assumed contractor construction schedule of ten (10) hour workdays five (5) days a week. On-site inspection will match contractor's and subcontractor's actual on-site work hours.
3. City's design Engineer of Record (EOR) will provide technical assistance for RFI responses including exhibits and/or plan revisions for Detroit Basin/Gazelle Meadows improvements.
4. All weekly construction meetings are virtual.
5. Erie St. improvement limits are east UPRR right-of-way at west end and west curb returns of McQueen intersection at east end.
6. Project site meetings assumed to average one 4 hour (includes travel time) visit each week.
7. Contractor will survey and record existing pavement markings to be replaced in kind after new asphalt pavement is complete.
8. The following items are excluded from this scope of work:
 - a. Design services, construction plan production, technical specifications, utility relocations, utility coordination, traffic signal modifications, pedestrian push button modifications or new Type "A" poles.
 - b. Streetscape and aesthetic features design, details, drawings, meeting attendance or public coordination.
 - c. Utility research, mapping, potholing or survey for potholing.
 - d. Preparation of construction redlines or record drawings
 - e. Construction staking
 - f. Special Inspections
 - g. Construction Administration Services for federal fund compliance.
 - h. City permit or permit application fees.
 - i. Private and public utility relocation design.
 - j. GIS survey or data processing.
 - k. QA and IA material sampling, testing or scheduling.

EXHIBIT B
FEE SCHEDULE



EXHIBIT "B-1B"
CONSTRUCTION MANAGEMENT
ERIE STREET MILL/REPLACE & STREETScape
FEE SCHEDULE

Task	Description	Cost
Streetscape		
1	Construction Management	\$ 16,930.00
2	Construction Inspection	\$ 74,750.00
3	Community Support	\$ 19,830.00
4	Record Drawings	\$ 1,820.00
5	Project Management	\$ 2,165.00
6	Allowance	\$ 7,800.00
SUBTOTAL TASK:		\$ 123,295.00
Erie St.AC & ADA		
1	Construction Management	\$ 20,915.00
2	Construction Inspection	\$ 93,755.00
3	Community Support	\$ 24,360.00
4	Record Drawings	\$ 2,285.00
5	Project Management	\$ 3,020.00
6	Allowance	\$ 9,800.00
SUBTOTAL TASK:		\$ 154,135.00
Alley Paving		
1	Construction Management	\$ 5,265.00
2	Construction Inspection	\$ 22,790.00
3	Community Support	\$ 5,970.00
4	Record Drawings	\$ 650.00
5	Project Management	\$ 655.00
6	Allowance	\$ 2,400.00
SUBTOTAL TASK:		\$ 37,730.00
SUBTOTAL TASK:		\$ 315,160.00



DERIVATION OF COST PROPOSAL SUMMARY

Task	Description	# of Sheets	Construction Manager	Inspection/Construction Observer	Inspection/Construction Observer	EIT	Administrative Support								Total Hours By Task
		Hourly Rate	\$ 185.00	\$ 120.00	\$ 120.00	\$ 115.00	\$ 85.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1															
1.1															0
SUBTOTAL			0	0	0	0	0	0	0	0	0	0	0	0	0
1	CONSTRUCTION MANAGEMENT														
1.1	Pre-Construction Meetings		4	4	4	6	6								24
1.2	Weekly Construction Meetings (12)		18			24	24								66
1.3	CPM Schedule reviews (3)		8			10									18
1.4	RFIs (5)		10		10	15	3								38
1.5	Shop Drawings Submittals (5)		5			10	3								18
1.6	Request for Proposal (10)		20		20	20	5								65
1.7	Field Directives (10)		20		20	30	5								75
1.8	Contractor Payment Application (3)		3		12	12									27
SUBTOTAL CONSTRUCTION MANAGEMENT			88	4	66	127	45	0	0	0	0	0	0	0	331
2	CONSTRUCTION INSPECTION														
2.1	Inspection Services		240	600	240	120									1,200
2.2	Project Closeout		23	180		56									259
SUBTOTAL CONSTRUCTION INSPECTION			263	780	240	176	0	0	0	0	0	0	0	0	1,459
3	COMMUNITY SUPPORT														
3.1	Project site meetings		72			48									120
3.2	ADA ramp design (12)		48		72	120									240
SUBTOTAL COMMUNITY SUPPORT			120	0	72	168	0	0	0	0	0	0	0	0	360
4	RECORD DRAWINGS COORDINATION														
4.1	Record Drawings (ADA ramps)		3	12		24									39
SUBTOTAL RECORD DRAWINGS COORDINATION			3	12	0	24	0	0	0	0	0	0	0	0	39



DERIVATION OF COST PROPOSAL SUMMARY

Task	Description	# of Sheets	Construction Manager	Inspection/Construction Observer	Inspection/Construction Observer	EIT	Administrative Support								Total Hours By Task
		Hourly Rate	\$ 185.00	\$ 120.00	\$ 120.00	\$ 115.00	\$ 85.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
5	PROJECT MANAGEMENT														
5.1	Project Monitoring		16			11	19								46
SUBTOTAL PROJECT MANAGEMENT				0	0	11	19	0	0	0	0	0	0	0	
Total Hours			490	796	378	506	64	0	0	0	0	0	0	0	2,234
Total Dollars			\$ 90,650.00	\$ 95,520.00	\$ 45,360.00	\$ 58,190.00	\$ 5,440.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	