



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CP14-078**

1. Agenda Item Number:

14

2. Council Meeting Date:
October 24, 2013

TO: MAYOR & COUNCIL

3. Date Prepared: August 30, 2013

THROUGH: CITY MANAGER

4. Requesting Department:
Transportation & Development

5. SUBJECT: Contract amendments to Ritoch-Powell & Associates, for McQueen Road Improvements.

6. RECOMMENDATION: Staff recommends City Council acceptance of staff approved Amendments No. 3 and 4 and approval of Amendment No. 5 to a Construction Manager at Risk design consultant services contract for McQueen Road Improvements with Ritoch-Powell & Associates, Contract No. ST0810-201, in amounts of \$26,577.00, \$15,101.00, and \$222,306.00, respectively, for a revised contract amount of \$2,181,492.00.

7. BACKGROUND/DISCUSSION: McQueen Road is a major arterial corridor that carries high volumes of traffic between the Santan Freeway and southeast Chandler. The design intent was to improve McQueen Road to a full six-lane arterial design standard from Queen Creek Road to Chandler Heights Road, and a four lane section from Chandler Heights Road to Riggs Road utilizing a Construction Manager at Risk (CMAR) contractor. The project would complete the half-street areas to full width major or minor arterial sections and construct the full street section in the areas that are currently only two lanes.

Project plans, technical specifications, and construction estimates were completed in September 2009, and construction of McQueen Road from Queen Creek Road to Ocotillo Road, using a CMAR contractor, was completed in May 2011. On August 12, 2013, the City received conditional authorization to utilize federal funds for construction of McQueen Road from Ocotillo Road to Chandler Heights Road.

Contract Amendment No. 3 added Phase 1 Environmental Site Assessment Update, which was needed for real estate acquisitions. This amendment also added environmental clearance services to obtain a categorical exclusion from Ocotillo Road to Riggs Road, which was necessary to make this project eligible for federal construction funds.

Contract Amendment No. 4 was to modify drainage design for changes in retention basin configurations and locations to minimize impacts to any single parcel and also to modify and accommodate acquisition of temporary drainage easements for the construction of the project.

Contract Amendment No. 5 is to update for federal low bid construction compliance and separate the project plans, technical specifications, and estimate into two new construction segments: Ocotillo Road to Chandler Heights Road and Chandler Heights Road to Riggs Road.

8. EVALUATION: On April 24, 2008, City Council awarded a Construction Manager at Risk design consultant services contract to Ritoch-Powell & Associates, for McQueen Road Improvements (Queen Creek Road to Riggs Road). City Council approved Amendment No. 1 on October 22, 2009, and Amendment No. 2 on March 11, 2010.

9. FINANCIAL IMPLICATIONS:

Cost:

Original Contract	\$1,699,891.00	
Amendment No. 1	\$152,053.00	8.9% of Original
Amendment No. 2	\$65,564.00	3.5% of Revised Amendment No.1 Contract
Amendment No. 3	\$26,577.00	1.4% of Revised Amendment No.2 Contract
Amendment No. 4	\$15,101.00	2.2% Cumulative of Revised Amendment No. 2 Contract
Amendment No. 5	\$222,306.00	13.8% Cumulative of Revised Amendment No. 2 Contract
Revised Contract Amount	\$2,181,492.00	

Savings: \$3,895,652 in STP-MAG construction costs

Funding Source:

<u>Account No.:</u>	<u>Funding Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
415.3310.6517.0.6ST478.0	Impact Fee Fund	McQueen Road (Queen Creek Rd to Riggs Rd)	Yes	\$222,306.00

10. PROPOSED MOTION: Move City Council accept staff approved Amendments No. 3 and 4 and approve Amendment No. 5 to a Construction Manager at Risk design consultant services contract for McQueen Road Improvements with Ritoch-Powell & Associates, Contract No. ST0810-201, in amounts of \$26,577.00, \$15,101.00, and \$222,306.00, respectively, for a revised contract amount of \$2,181,492.00.

ATTACHMENTS: Contract Amendments, Location Map

APPROVALS

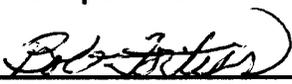
11. Requesting Department


Daniel W. Cook, Transportation Manager

13. Department Head


R.J. Zeder, Transportation & Development
Director

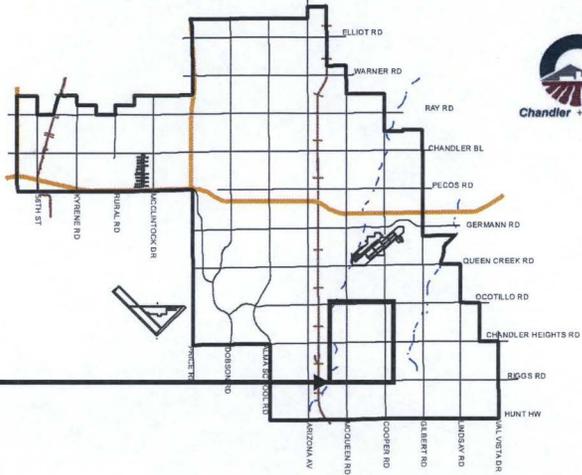
12. Transportation & Development


Bob Fortier, Capital Projects Manager

14. City Manager

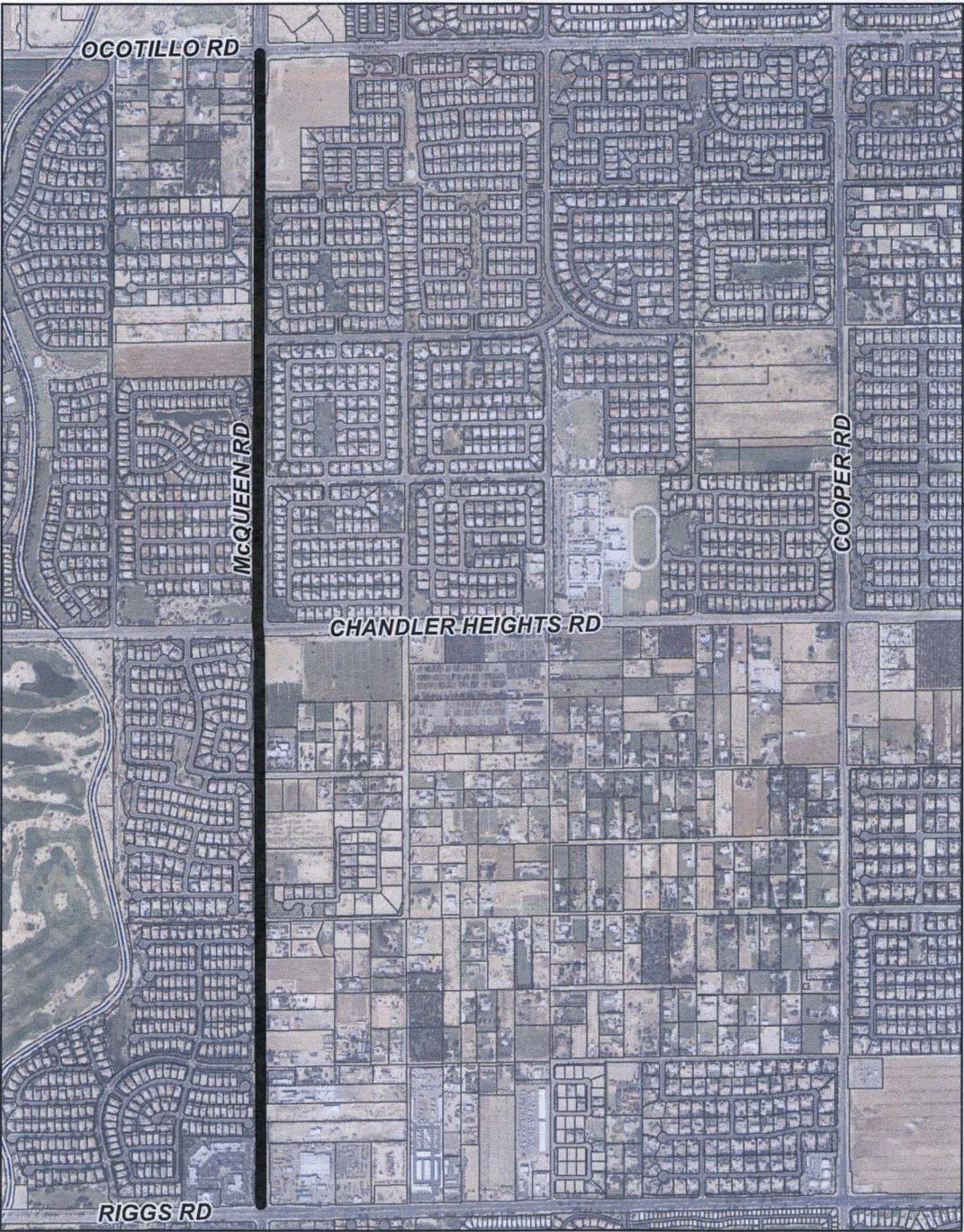

Rich Dlugas

MCQUEEN ROAD IMPROVEMENTS PROJECT NO. ST0810-201



MEMO NO. CP14-078

PROJECT SITE





Chandler Arizona

AMENDMENT NUMBER 3

Project Name: **McQueen Road Improvements**
Project No.: **ST0810-201**

This Amendment No. 3 to that certain Agreement between the City Of Chandler (CITY) and **Ritoch-Powell & Associates** dated **May 5, 2008** for **McQueen Road Improvements** is entered into this 15 day of Sept, 2011.

WHEREAS the parties have determined that it is necessary and desirable for DESIGN CONSULTANT to perform additional services for CITY;

NOW THEREFORE, the parties agree as follows:

1. Section 3, of the above referenced Agreement, is hereby amended by adding additional scope of work described in more detail in **Exhibit A** attached hereto and incorporated herein by reference.
2. Section 5, of the above referenced Agreement, is hereby amended by increasing the total contract price by an amount not to exceed the sum of **Twenty Six Thousand Five Hundred Seventy Seven Dollars, (\$26,577)** for a total Contract Price not to exceed the sum of **One Million Nine Hundred Forty Four Thousand Eighty Five Dollars (\$1,944,085)** of all payable in accordance with **Exhibit B**, attached hereto and incorporated herein by reference.
3. Section 6, of the above referenced Agreement is hereby amended by increasing the Contract Time by **Eight Hundred (800) days** for a total Contract Time of **One Thousand Two Hundred Fifty (1,250) days** from the original Notice to Proceed.
4. All other terms and conditions of the above referenced Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties have hereunto subscribed their names this 15 day of September, 2011.

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CITY OF CHANDLER
 By: [Signature] 9-15-11 DESIGN CONSULTANT:
 Department Head/Designee Date Title: President Karl G. Obergh
 Title: President

APPROVED AS TO FORM: [Signature] ATTEST: (If corporation) [Signature]
 City Attorney by: [Signature] Secretary

ATTEST: [Signature] WITNESSES: (If Individual or Partnership)
 City Clerk



Amendment No. 3 cont.

Project No. ST0810-201

THESE CHANGES RESULT IN THE FOLLOWING ADJUSTMENTS OF CONTRACT PRICE AND TIME

ORIGINAL CONTRACT AMOUNT		<u>\$ 1,699,891</u>
CURRENT CONTRACT PRICE PRIOR TO THIS AMENDMENT (Including previous amendments)		<u>\$ 1,917,508</u>
NET INCREASE / DECREASE (Resulting from this amendment)		<u>\$ 26,577</u>
REVISED CONTRACT PRICE (Including this amendment)		<u>\$ 1,944,085</u>
AMENDMENT PERCENTAGE (Of original contract price)		<u>1.4%</u>
CONTRACT TIME PRIOR TO THIS AMENDMENT (Including previous amendments).		<u>450</u>
		(Days or Date)
NET INCREASE/DECREASE (Resulting from this amendment)		<u>800</u>
		(Days or Date)
REVISED CONTRACT TIME (Including this amendment)		<u>1250</u>
		(Days or Date)
THIS AMENDMENT No. <u>X</u>	Does not Require Council Approval: Less than \$30,000*	<u>X</u>
	More than \$30,000 but less than 10% of Contract*	_____
THIS AMENDMENT No. _____	Requires Council Approval Greater than \$30,000*	_____
	Greater than 10% of Contract *	_____
*Including City Manager approved Amendments		
ORIGINAL CONTRACT COUNCIL DATE: 4/25/08 ITEM NO.: 47, if applicable		
COUNCIL APPROVAL: <u>N/A</u> ITEM NO: <u>N/A</u> , if applicable		
CITY OF CHANDLER (Date & Name of Owner Dept. verbal approval): <u>Paul Young, 8/8/2011</u>		

CC: City Clerk User Dept Project Mgr Consultant Project Analyst File

EXHIBIT A SCOPE OF WORK

DESIGN CONSULTANT shall perform the following additional services:

Project Management and Coordination with Sub-Consultants

- Phase 1 ESA, Environmental Clearance coordination with sub-consultants
- Environmental Clearance coordination meeting

Geotechnical - Phase 1 Environmental Site Assessment Update

The executed contract includes provisions and scope to conduct a Phase 1 Environmental Site Assessment (ESA). The ESA was completed and submitted to City. City requested the ESA be updated for parcels between Ocotillo Road and Riggs Road to maintain conformance to ASTM 1527-05. City also requested including one additional update for parcels between Chandler Heights Road and Riggs Road.

The amended environmental scope of services includes:

- Conduct a Phase 1 ESA for acquisition parcels between Ocotillo Road and Riggs Road;
- Conduct physical review of site facilities and practices for each acquisition parcel;
- Conduct assessment of past and present site usage for each acquisition parcel;
- Conduct evaluation of site characteristics for each acquisition parcel;
- Conduct adjacent property evaluation for each acquisition parcel;
- Prepare a Phase 1 ESA Report inclusive of each acquisition parcel with color photographs and revised site diagram showing new site boundaries and provide one electronic copy in PDF format.
- Complete one (1) ESAs update inclusive of each parcel between Chandler Heights Road and Riggs Road. Scope for update excludes additional chain-of-title documentation.

Environmental Clearance – Categorical Exclusion (Ocotillo to Riggs)

The executed contract scope did not include outside consultant coordination and preparation of a Categorical Exclusion (CE) for McQueen Road between Ocotillo Road and Riggs Road. City staff previously requested RPA contract with a sub-consultant to provide management, agency coordination, records research, site visits and preparation of the CE. Approved CE services (Contract Amendment No. 2) did not include noise analysis. Consultant completed CE document without noise analysis and submitted to ADOT Environmental Planning Group (EPG) for review. ADOT EPG review comments state noise analysis is required for further review and approval. The noise analysis scope of services includes:

- Report review and summarization of Quantitative Noise Analysis
- Quantitative Noise Analysis to be performed by sub-consultant DM Environmental, which includes following:
 - Conduct field assessment
 - Conduct data assessment
 - Prepare noise analysis & mitigation evaluation model
 - Prepare and submit Noise Analysis Technical report

Assumptions:

- Attendance at project meetings will not be required;
- Level of quantitative noise modeling indicated by ADOT EPG in review sufficient for ADOT approval of revised CE

**EXHIBIT B
FEE SCHEDULE**

LABOR FEE					
Classification	Hours	Rates	Labor Costs		
Project Manager	3	\$56.00	\$ 168.00		
Senior PE/RLS	6	\$43.00	\$ 258.00		
Design Engineer/LSIT	16	\$30.00	\$ 480.00		
CADD Designer	32	\$25.00	\$ 800.00		
Clerical	4	\$21.00	\$ 84.00		
Total Hours	61	Total Direct Labor (DL)	\$ 1,790.00		
	Overhead Rate 141%	Total Labor with OH	\$ 2,524.00		
	Fixed Fee 10%	Net Fee (DL X 10%)	\$ 431.00		
			Subtotal Labor Fee	\$ 4,745.00	
SUBCONSULTANTS FEE					
Sub-consultant	Task		Fee		
Ninyo & Moore - Geotechnical	Phase I ESA update report Ocotillo to Riggs		\$ 6,950.00		
	Phase I ESA update report Chandler Heights to Riggs		\$ 1,600.00		
EcoPlan Associates, Inc. - Environmental Clearance	Quantitative Noise Analysis		\$ 13,199.00		
			Subtotal Sub-consultants Fee	\$ 21,749.00	
DIRECT AND OUTSIDE EXPENSES ALLOWANCE					
Description/Task	Unit	Unit Rate	Quantity	Total	
Vehicle Mileage	Miles	\$0.48	55	\$ 28.00	
Printing (12" x 18")	Each	\$0.18	40	\$ 7.00	
Deliveries/Postage	Each	\$25.00	2	\$ 50.00	
				Subtotal Direct and Outside Expenses Allowance	\$ 83.00
				TOTAL FEE	\$ 26,577.00



Chandler Arizona

AMENDMENT NUMBER 4

Project Name: McQueen Road Improvements
Project No.: ST0810-201

This Amendment No. 4 to that certain Agreement between the City Of Chandler (CITY) and Ritoch-Powell & Associates dated for May 5, 2008 for McQueen Road Improvements is entered into this 20 day of December 2011.

WHEREAS the parties have determined that it is necessary and desirable for DESIGN CONSULTANT to perform additional services for CITY;

NOW THEREFORE, the parties agree as follows:

1. Section 3, of the above referenced Agreement, is hereby; amended by adding additional scope of work described in more detail in Exhibit A attached hereto and incorporated herein by reference.
2. Section 5, of the above referenced Agreement, is hereby; amended by increasing the total contract price by an amount not to exceed the sum of Fifteen Thousand One Hundred and One Dollars (\$15,101) for a total Contract Price not to exceed the sum of One Million Nine Hundred Fifty Nine Thousand One Hundred Eighty Six Dollars (\$1,959,186) of all payable in accordance with Exhibit B, attached hereto and incorporated herein by reference.
3. Section 6, of the above referenced Agreement is hereby amended by increasing the Contract Time by One Hundred Thirty One (131) days for a total Contract Time of One Thousand Three Hundred Eighty One (1,381) Days from the original Notice to Proceed.
4. All other terms and conditions of the above referenced Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties have hereunto subscribed their names this 20 day of December 2011.

CITY OF CHANDLER:

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By: [Signature] (2-20-11)
Department Head/Designee Date

DESIGN CONSULTANT:

By: [Signature] Karl G. Oben
Title: President

APPROVED AS TO FORM:

[Signature]
City Attorney by:

ATTEST: (If corporation)

[Signature] Secretary

ATTEST:

[Signature]
City Clerk

ATTEST: (If Individual or Partnership)



Amendment No. 4 cont.

Project No. ST0810-201

THESE CHANGES RESULT IN THE FOLLOWING ADJUSTMENTS OF CONTRACT PRICE AND TIME

ORIGINAL CONTRACT AMOUNT		<u>\$ 1,699,891</u>
CURRENT CONTRACT PRICE PRIOR TO THIS AMENDMENT (Including previous amendments)		<u>\$ 1,944,085</u>
NET INCREASE / DECREASE (Resulting from this amendment)		<u>\$ 15,101</u>
REVISED CONTRACT PRICE (Including this amendment)		<u>\$ 1,959,186</u>
AMENDMENT PERCENTAGE (Cumulative of last council approved contract price)		<u>2.2%</u>
CONTRACT TIME PRIOR TO THIS AMENDMENT (Including previous amendments).		<u>1250</u> (Days or Date)
NET INCREASE/DECREASE (Resulting from this amendment)		<u> </u> (Days or Date)
REVISED CONTRACT TIME (Including this amendment)		<u> </u> (Days or Date)
THIS AMENDMENT No. <u>4</u>	Does not Require Council Approval:	
	Less than \$30,000*	<u> </u>
	More than \$30,000 but less than 10% of Contract*	<u> X </u>
THIS AMENDMENT No. <u> </u>	Requires Council Approval	
	Greater than \$30,000*	<u> </u>
	Greater than 10% of Contract *	<u> </u>
*Including City Manager approved Amendments		
ORIGINAL CONTRACT COUNCIL DATE: <u>4/25/08</u> ITEM NO.:<u>47</u>, if applicable		
COUNCIL APPROVAL: <u>N/A</u> ITEM NO: <u>N/A</u>, if applicable		
CITY OF CHANDLER (Date & Name of Owner Dept. verbal approval): <u>Paul Young, 10/31/11</u>		

CC: City Clerk User Dept Project Mgr Consultant Project Analyst File

EXHIBIT A SCOPE OF WORK

Background:

The executed contract includes provisions and scope to provide roadway drainage and detention basin design. The drainage detention basin concept developed by the design team and approved by City staff utilized a single basin concept for roadway runoff instead of detention basins on each parcel. Final design, construction plans and drainage report were prepared and sealed. City has subsequently decided to change detention basin configuration and locations to minimize impacts on a single parcel. Instead, the City prefers to implement several detention basins on several parcels if adequate land area is available between Chandler Heights Road and Riggs Road.

Scope:

DESIGN CONSULTANT shall perform the following addition services relating to Roadway Drainage & Detention Basin Design & Report (B12.0 Amend):

- Revise and recalculate roadway runoff volumes;
- Calculate scupper capacity and opening requirements;
- Calculate required detention basin volumes at four new locations;
- Review existing contours and topography to determine grading limits for the new basins;
- Prepare drainage and temporary construction easement legal descriptions; and
- Update the final drainage report

**EXHIBIT B
FEE SCHEDULE**

LABOR FEE				
Classification	Hours	Rates	Labor Costs	
Project Manager	13	\$56.00	\$	728.00
Senior PE/RLS	28	\$43.00	\$	1,204.00
Design Engineer/LSIT	80	\$30.00	\$	2,400.00
CADD Designer	50	\$25.00	\$	1,250.00
Clerical	4	\$21.00	\$	84.00
Total Hours	175	Total Direct Labor (DL)	\$	5,666.00
	Overhead Rate	141%	Total Labor with OH	\$ 7,989.00
	Fixed Fee	10%	Net Fee (DL X 10%)	\$ 1,366.00
			Subtotal Labor Fee	\$ 15,021.00
DIRECT AND OUTSIDE EXPENSES ALLOWANCE				
Description/Task	Unit	Unit Rate	Quantity	Total
Vehicle Mileage	Miles	\$0.48	110	\$ 53.00
Printing (12" x 18")	Each	\$0.18	10	\$ 2.00
Deliveries/Postage	Each	\$25.00	1	\$ 25.00
			Subtotal Direct and Outside Expenses Allowance	\$ 80.00
			TOTAL FEE	\$ 15,101.00



Chandler Arizona

AMENDMENT NUMBER 5

Project Name: **McQueen Road Improvements**
Project No.: **ST0810-201**

This Amendment No. **5** to that certain Agreement between the City Of Chandler (CITY) and **Ritoch-Powell & Associates, an Arizona corporation** dated April 24, 2008 for ST0810-201 McQueen Road Improvements is entered into this ____ day of _____, 2013.

WHEREAS the parties have determined that it is necessary and desirable for DESIGN CONSULTANT to perform additional services for CITY;

NOW THEREFORE, the parties agree as follows:

1. Section 3, of the above referenced Agreement, is hereby; amended by adding additional scope of work described in more detail in **Exhibit A** attached hereto and incorporated herein by reference.
2. Section 5, of the above referenced Agreement, is hereby; amended by increasing the total contract price by an amount not to exceed the sum of **Two Hundred Twenty Two Thousand Three Hundred Six Dollars, (\$222,306)** for a total Contract Price not to exceed the sum of **Two Million One Hundred Eighty One Thousand Four Hundred Ninety Two Dollars (\$2,181,492)** of all payable in accordance with **Exhibit B**, attached hereto and incorporated herein by reference.
3. Section 6, of the above referenced Agreement is hereby amended by increasing the Contract Time by **Seven Hundred Seventeen (717) days** for a total Contract Time of **Two Thousand Ninety Eight (2,098) days** from the original Notice to Proceed.
4. All other terms and conditions of the above referenced Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties have hereunto subscribed their names this ____ day of _____, 2013.

CITY OF CHANDLER:

By: _____
MAYOR Date

APPROVED AS TO FORM:

City Attorney by: _____

ATTEST: _____

City Clerk

DESIGN CONSULTANT:

By: Karl G. Obergh
Title: President

ATTEST: (If corporation)
Karl G. Obergh
Secretary

WITNESS: (If Individual or Partnership)

SEAL

Amendment No. 5 (cont.)

Project No. ST0810-201

These changes result in the following adjustments of contract amount and time:

Original Contract amount:	\$ 1,699,891
Current Contract amount, prior to this Amendment: (including previous amendments)	\$ 1,959,186
Net change resulting from this Amendment: (if over \$50,000 from Contract amount previously approved by Council, Council action is required)	\$ 222,306
Revised Contract amount, including this amendment:	\$ 2,181,492
Last Contract amount approved by Council:	\$ 1,917,508
Amendment % of last Contract amount approved by Council: (if over 10% of previous amount approved by Council, Council action is required)	<u>13.8%</u>
Contract time or completion date prior to this Amendment: (including previous amendments)	<u>1381</u> or _____ Days Date
Net change resulting from this Amendment:	<u>717</u> or _____ Days Date
Revised Contract time or completion date: (including this amendment)	<u>2098</u> or _____ Days Date
<p>THIS AMENDMENT No. _____ does <u>NOT</u> require Council approval: _____</p> <p>Amendment is less than 10% of Contract amount last approved by Council <u>Or</u> revised Contract amount is less than \$30,000* (*including City Manager approved Amendments)</p>	
<p>THIS AMENDMENT No. <u>5</u> does require Council approval: <u>X</u></p> <p>Amendment causes the Contract amount to exceed \$30,000* Or Amendment is greater than 10% of Contract amount approved by Council (*including City Manager approved Amendments)</p>	
<p>Amendment No. <u>5</u> Council approval: _____ Item No.: _____, if applicable</p> <p>City of Chandler (Date & Name of Owner Dept. verbal approval): <u>Paul Young, T&D 9/30/2013</u></p>	

E-copy: Project Analyst Project Support Asst. Project Mgr Consultant Owner File

EXHIBIT A SCOPE OF WORK

Background

The McQueen Road improvements from Queen Creek Road to Riggs Road were originally intended to utilize a Construction Manager at Risk (CMAR) contractor. Construction documents consisting of plans, special provisions, and engineer's estimate were completed sealed on September 18, 2009. Construction of McQueen Road from Queen Creek Road to Ocotillo Road was completed in May 2011 using a CMAR contractor. Unfortunately, due to economic downturn, the City's funding capacity was reduced and the next phases of construction could not be performed. However, the City and DESIGN CONSULTANT continued to acquire right-of-way and obtain environmental clearances for the remaining two miles from Ocotillo to Riggs Road.

The City obtained federal funds for construction of the next phase of McQueen Road from Ocotillo to Chandler Heights and may receive federal funds for the last phase from Chandler Heights to Riggs Road.

Additional Services

DESIGN CONSULTANT shall perform the following additional design services to update for federal low bid construction compliance and repackage previously completed construction documents (plans, special provisions, engineer's estimate, and bid tabulation), into two separate construction document sets, one for Ocotillo Road to Chandler Heights Road and one for Chandler Heights Road to Riggs Road.

- Attend and prepare agenda and meeting minutes for six (6) design progress meetings
- Attend and prepare agenda and meeting minutes for two (2) comment resolution meetings
- Attend and prepare agenda and meeting minutes for four (4) utility coordination meetings
- Attend and prepare display boards for (2) Public Meetings
- Perform field review to verify existing conditions and identify new surface features
- Revise cover sheet to reflect construction limits, approval signatures and City Council
- Update roadway design for City's current curb ramp layout and directionality details and ADA standards.
- Update General Notes for City's current requirements
- Revise Civil Plans Key Map to reflect revised project limits.
- Update roadway design to conform to latest MAG details and specifications.
- Revise roadway design to remove raised median from STA 81+00 to Sta. 86+00 and STA 70+00 to 73+00
- Revise drainage design and basin spacing between Chandler Heights and Riggs Road
- Create separate construction document sets consisting of:
 - Cover Sheet
 - General Notes
 - Typical Sections
 - Special Details
 - Geometric Control
 - Key Map
 - Median Geometry Plans
 - Paving Plans and Profiles
 - Intersection Plans
 - Driveway Profiles
 - Drainage Plans and Details
 - Utility Plans Profiles and Details
 - Signing and Marking Plans
 - Lighting Plans
 - Traffic Signal and Interconnect Plans
 - Landscape Plans and Details
 - Irrigation Plans and Details
 - Erosion control Plans and Details

- Revise all plan set sheet naming and numbering
- Compute construction quantities for each plan set
- Prepare construction cost estimate for each plan set
- Convert bid item numbers and descriptions to conform to FHWA funding requirements including ADOT Bid Item Numbers and ADOT Bid Item Names
- Convert Special Provisions to conform to FHWA funding requirements and ADOT standard specifications including Federal front end documents.
- Identify current utility contacts and schedule/manage utility coordination meetings
- Identify current utility conflicts and coordinate relocations including utility relocation plan reviews
- Assistance City in preparing and confirming Federal utility clearances
- Prepare and submit MCESD ATC permit applications
- Provide assistance with City's PM to secure Federal funding authorization/obligation through ADOT Local Governments Section.

Clarifications

DESIGN CONSULTANT shall use sub-consultants, J2 Engineering and Environmental Design (J2) for landscaping and irrigation design and Southwest Traffic Engineering, LLC (SWTE) for traffic signal, traffic interconnect, roadway lighting, and signing and pavement marking design. A \$5,000 allowance for potholes to be performed by Cardno TBE (TBE) is included along with an \$6,000 allowance for direct expenses such as printing, courier, and mileage. An Owner's Allowance of \$20,000 is included. Tasks in the fee schedule are correlated with task numbers and categories from original project scope of work.

**EXHIBIT B
FEE SCHEDULE**

Task	Description	Subtotal
B2.0	Data Collection	
B2.1	Obtain Existing As-Built Drawings, Reports, etc..	\$1,015.33
B2.2	Document Log	\$318.12
Subtotal 2.0	Data Collection	\$1,333.45
B3.0	Public Utility Coordination	
B3.1	Incorporate Exist. & Prop. Utilities	\$2,136.71
B3.2	Utility Upgrade Coordination	\$1,012.68
B3.3	Abandoned & Deactivate Utility Coordination	\$273.05
B3.4	Prepare Existing Utility Base Maps	\$1,386.47
B3.5	Identify Utility Conflicts	\$1,182.35
B3.6	Coordinate Title Reports (SRP)	\$694.56
B3.7	Utility Company Notification Letter	\$768.79
B3.8	Base File Sharing w/ Utility Companies	\$432.11
B3.9	Preliminary Utility Relocation Alignments	\$1,876.91
B3.10	Identify Utility Easements	\$864.23
B3.11	Utility Strip Map	\$1,500.47
B3.12	Verify Utility Company Receipt	\$768.79
B3.13	Utility Relocation Design Coordination	\$4,824.82
B3.14	Utility Land Coordination Meetings	\$2,576.77
B3.15	Utility Plan Constructability Review	\$2,025.36
B3.16	Verify Utility Relocation Design	\$2,285.16
Subtotal 3.0	Public Utility Coordination	\$24,609.23
B4.0	Progress Meetings	
B4.1a	Progress Meetings (6)	\$4,159.42
B4.1b	Comment Resolution Meetings (2)	\$2,812.71
B4.1c	Utility Coordination Meetings (4)	\$3,565.60
B4.2	Meeting Minutes (12)	\$1,214.16
Subtotal 4.0	Progress Meetings	\$11,751.88
B5.0	Public Meetings	
B5.1	Public Information Meetings (2)	\$2,051.87
B5.2	Prep Meeting Displays	\$538.15
Subtotal 5.0	Public Meetings	\$2,590.03
B7.0	Project Management	
B7.1	Monthly Progress, Budget, Schedule Reports	\$1,935.23
Subtotal B7.0	Project Management	\$1,935.23
B8.0	Design Survey	
B8.1	Ground Survey	\$2,677.51
B8.2	Topographic Survey	\$7,014.55
B8.8	Digital Photo Log	\$0.00
Subtotal B8.0	Design Survey	\$9,692.06

Task	Description	Subtotal
B10.0	Plans, Specifications, & Estimates	
B10.5	Special Provisions <i>Modify for Federal Funding Format</i>	\$6,733.54
B10.6	Prepare Updated Cross Sections & Earthwork Quantities	\$2,974.42
B10.7	Opinions of Probable Cost <i>Takeoffs and Modify for Federal Funding Format</i>	\$5,980.66
B10.8	Prepare Comment Resolution Forms	\$1,012.68
Subtotal B10.0 Plans, Specifications & Estimates		\$16,701.30
B11.0	Paving Plan/Profiles	
	<i>Typical Roadway Section Sheets</i>	\$1,622.41
	<i>Pavement Structural Section</i>	\$811.21
	<i>Median Detail Sheet</i>	\$538.15
	<i>Median Geometry Sheets</i>	\$1,542.88
	<i>ADA Ramp, Sidewalk, Sewer Manhole Detail Sheets</i>	\$1,542.88
	<i>Geometric Control Sheets</i>	\$572.62
	<i>Keymap Sheet</i>	\$538.15
	<i>Roadway Plan Sheets</i>	\$13,021.71
	<i>Roadway Profile Sheets</i>	\$5,352.37
	<i>Intersection Staking Diagram Sheets</i>	\$405.60
	<i>Driveway Profile Sheets</i>	\$811.21
Subtotal B11.0 Paving Plans/Profiles		\$26,759.19
B12.0	Drainage Plan/Profiles	
	<i>Drainage Plan & Profile Sheets</i>	\$9,721.22
	<i>Scupper Details & Profiles</i>	\$1,386.47
	<i>Retention Basin Plan Sheets</i>	\$3,091.07
Subtotal B12.0 Drainage Plan/Profiles		\$14,198.76
B15.0	Traffic Signal Plans	
	<i>Coordination with Sub-Consultant See SWTE Allowance</i>	\$988.82
Subtotal B15.0 Traffic Signal Plans		\$988.82
B16.0	Signing & Striping Plans	
	<i>Coordination with Sub-Consultant See SWTE Allowance</i>	\$1,542.88
Subtotal B16.0 Signing & Striping Plans		\$1,542.88
B17.0	Street Light Plans	
	<i>Coordination with Sub-Consultant See SWTE Allowance</i>	\$959.66
Subtotal B17.0 Street Light Plans		\$959.66
B18.0	Landscape & Irrigation Plans	
	<i>Coordination with Sub-Consultant See J2 Allowance</i>	\$959.66
Subtotal B18.0 Landscape & Irrigation Plans		\$959.66
B19.0	Storm Water Pollution Prevention Plans	
	<i>Cover & General Notes Sheet</i>	\$291.61
	<i>Signature Sheet</i>	\$599.13
	<i>Detail Sheet</i>	\$291.61
	<i>Erosion & Sediment Control Plan</i>	\$1,659.53
Subtotal B19.0 Storm Water Pollution Prevention Plans		\$2,841.87
B20.0	Water, Sanitary Sewer & Reclaimed Water Plans	
	<i>Utility Plan Sheets</i>	\$3,748.51
	<i>Utility Profile Sheets</i>	\$1,601.20
	<i>MCESD ATC Permit Application</i>	\$1,012.68

Task	Description	Subtotal
Subtotal B20.0 Water, Sanitary Sewer & Reclaimed Water Plans		\$6,362.40
B23.0	Utility Locating Services	
	<i>Pothole List & Coordination with Sub-Consultant See TBE Allowance</i>	\$1,012.68
	<i>Stake Potholes</i>	\$2,202.98
Subtotal B23.0 Utility Locating Services		\$3,215.66
E1.0	Project Schedule	
	<i>Prep & Update Schedule</i>	\$1,277.78
Subtotal E1.0 Project Schedule		\$1,277.78
F1.0	Quality Control	
	<i>Review PS&E</i>	\$4,877.84
Subtotal F1.0 Quality Control		\$4,877.84
Subtotal Direct Labor		\$132,598.00
Allowances		
1	Direct Expenses (Printing, Courier, Mileage, etc.)	\$6,000.00
2	SWTE (Traffic Signals, Signing & Stripping, & Street Light Plans)	\$43,462.00
3	J2 (Landscape & Irrigation Plans)	\$15,246.00
4	TBE (10 Potholes @ \$500/Pothole)	\$5,000.00
5	Owner's Allowance	\$20,000.00
Subtotal Allowances		\$89,708.00
Total		\$222,306.00