



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CA12-239**

1. Agenda Item Number:

34

2. Council Meeting Date:
July 26, 2012

TO: MAYOR & COUNCIL

3. Date Prepared: July 12, 2012

THROUGH: CITY MANAGER

4. Requesting Department: Municipal Utilities

5. SUBJECT: Award a contract to CH2M Hill, Inc. for the Chandler Water Reclamation Facility Site Evaluation, Project No. WW1301-101, in an amount not to exceed \$197,888.

6. RECOMMENDATION: Staff recommends Council award a contract to CH2M Hill, Inc. for the Chandler Water Reclamation Facility Site Evaluation, Project No. WW1301-101, in an amount not to exceed \$197,888.

7. BACKGROUND/DISCUSSION: The City operates three wastewater reclamation facilities, Airport (AWRF), Ocotillo (OWRF) and Lone Butte. The AWRF currently treats up to 15 million gallons per day (mgd) and is under expansion to manage and treat capacity up to 22 mgd. The OWRF and Lone Butte can treat up to 10 mgd each. The interconnection of the City's wastewater treatment facilities has provided Chandler with unique capabilities for managing system wastewater collection flows, achieving treatment objectives, and meeting long-term reclaimed water delivery obligations while at the same time maximizing operational efficiency and regulatory compliance.

The 2008 Water, Wastewater and Reclaimed Water Master Plan Update recommended siting an additional wastewater treatment facility adjacent to the existing Ocotillo Wastewater Reclamation Facility (OWRF). The Capital Improvement Program provides \$119 million to cover the estimated cost for the design and construction of a wastewater treatment plant beginning in FY 13/14.

This project will produce a detailed evaluation of existing and future required infrastructure needed to accommodate permitting, construction and operations of a new facility adjacent to the OWRF location. Construction is anticipated to begin in FY 14/15. Study scope will include: (1) determine impacts and modifications required to the collection system to accommodate the new WRF, (2) assess capacity requirements for the WRF including flows, loading and wastewater characteristics, (3) evaluate treatment process options and technologies, (4) evaluate how this facility will integrate with the short term and long term effluent reuse/disposal plan, (5) evaluate costs for the new WRF and (6) evaluate the potential construction delivery models available.

8. EVALUATION: On May 26, 2011, Council approved an annual contract to CH2M Hill, Inc. The consultant was selected in accordance with State law for annual services. Twenty (20) Statements of Qualifications were received from qualified firms on February 9, 2011. The Selection Committee included the following members:

- Joshua Plumb, Engineer
- John Knudson, Senior Engineer
- John Ardans, Water Systems Maintenance Superintendent
- Sandy Story, Engineering Project Manager
- Shirley Jamison, Chandler Resident

CH2M Hill Engineers, Inc. was selected based on qualifications, design capability, current workload, and experience. Staff reviewed scope of work, billing rates and total fee for this project, compared them to historical costs, and determined they are reasonable.

9. FINANCIAL IMPLICATIONS:

Cost: \$197,888
Savings: N/A
Long Term Costs: N/A

Fund Source:

<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
611.3910.5219.6WW266	Wastewater Bond	Sewer Assessment & Rehab	Yes	\$197,888

10. PROPOSED MOTION: Move Council award a contract to CH2M Hill, Inc. for the Chandler Water Reclamation Facility Site Evaluation, Project No. WW1301-101, in an amount not to exceed \$197,888, and authorize the Mayor to sign the contract documents.

ATTACHMENTS: Contract, Location Map

APPROVALS

11. Requesting Department


John Knudson, Utilities Engineering Manager

12. Transportation and Development


Bob Fortier, Construction Projects Manager


Sheina Hughes, City Engineer

13. Department Head

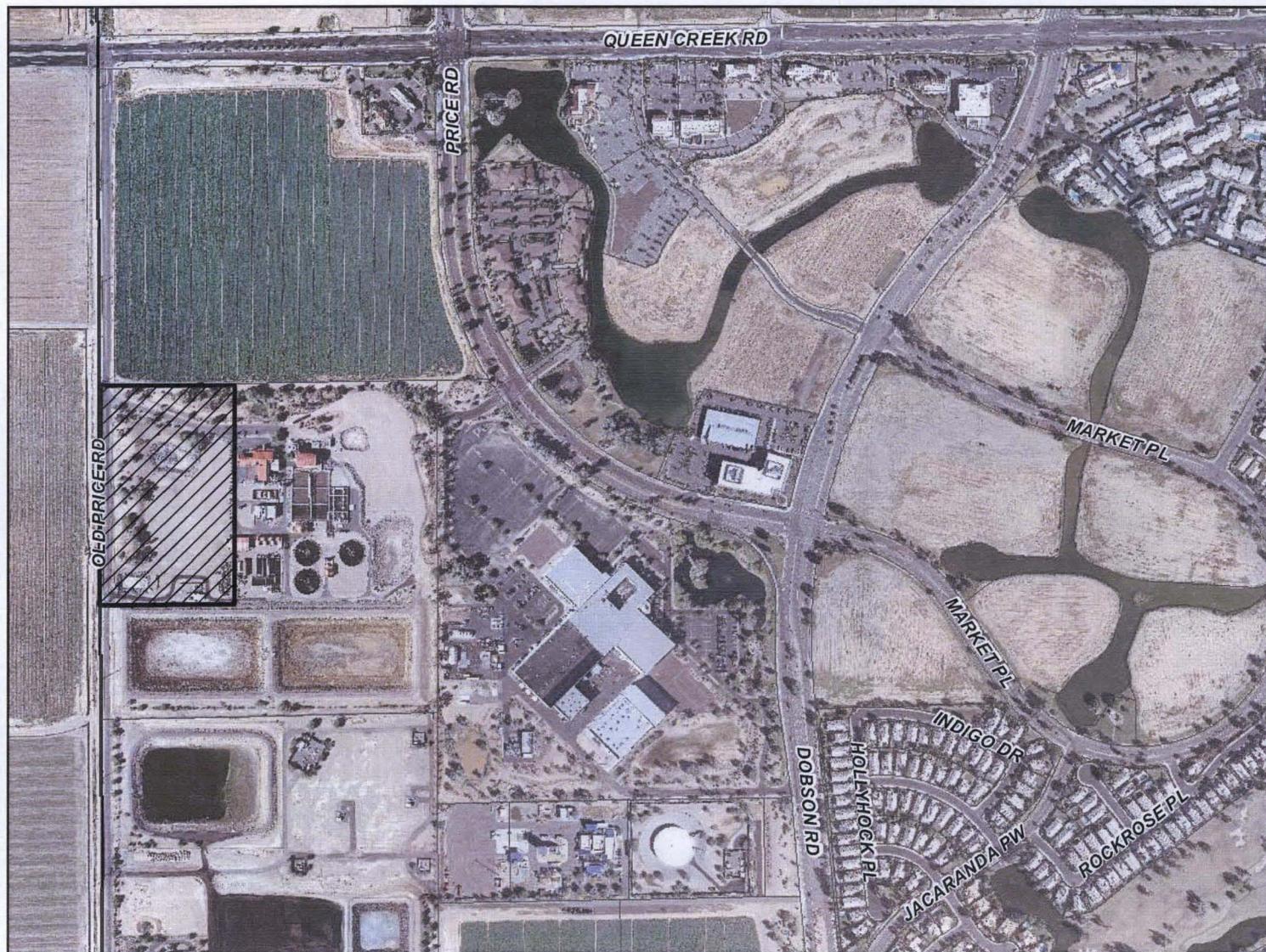
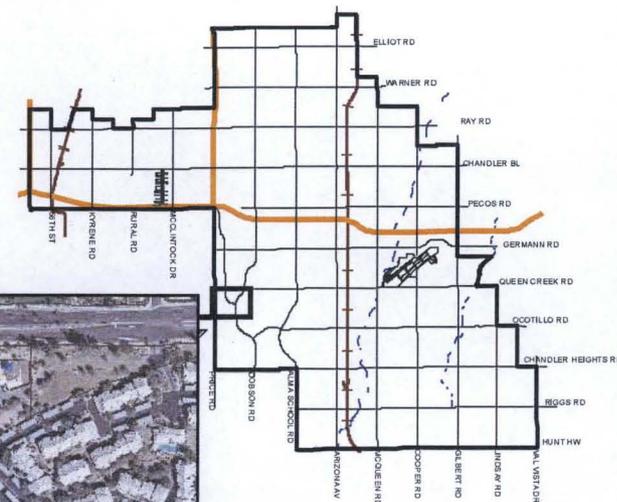

Dave Siegel, Municipal Utilities Director

14. City Manager


Rich Dlugas



CHANDLER WATER RECLAMATION FACILITY SITING EVALUATION PROJECT NO. WW1301-101



MEMO NO CA13-019

 PROJECT SITE



**PROJECT AGREEMENT
PURSUANT TO ANNUAL CONTRACT NO. EN1003-104**

AGREEMENT NO: WW1301-101

This AGREEMENT is made this ____ day of _____, 2012, by and between the City of Chandler, a municipal corporation (hereinafter referred to as "CITY") and CH2M Hill, Inc., a corporation of the State of Florida licensed in the State of Arizona (hereinafter referred to as "Annual Consultant") and is a project agreement entered into pursuant to Annual Contract No. EN1003-104.

CITY and CH2M Hill, Inc., in consideration of the mutual covenants herein set forth, agree as follows:

ARTICLE 1. DESCRIPTION OF WORK

This project is West Chandler Water Reclamation Facility Siting Evaluation, Project Number WW1301-101. The scope of work consists of providing a study to evaluate siting options for the new West Chandler Water Reclamation Facility, all as more particularly set forth in Exhibit A attached hereto and incorporated herein by reference.

The Annual Consultant shall not accept any change of scope, or change in contract provisions, unless issued in writing, as a contract amendment and signed by the Contract Administrator.

ARTICLE 2. CONTRACT PRICE

CITY shall pay Annual Consultant for completion of the Work in accordance with the Contract Documents a fee not to exceed One Hundred Ninety Seven Thousand Eight Hundred Eighty Eight Dollars (\$197,888) determined and payable as set forth in Annual Contract EN1003-104 and Exhibit B attached hereto and made a part hereof by reference.

ARTICLE 3. CONTRACT TIME

The contract time is Two Hundred Seventy days and Annual Consultant agrees to complete all work within Two Hundred Seventy (270) days of the date CITY issues a Notice to Proceed.

ARTICLE 4. GENERAL

This Project Agreement is entered into pursuant to Annual Contract No. EN1003-104 and the terms and conditions contained therein are incorporated herein by reference as if set forth in full.

ARTICLE 5. ARIZONA PROCUREMENT LAW

Compliance with A.R.S. § 41-4401. Pursuant to the provisions of A.R.S. § 41-4401, the Consultant hereby warrants to the City that the Consultant and each of its subcontractors ("Subconsultants") will comply with all Federal Immigration laws and regulations that relate to the immigration status of their employees and the requirement to use E-Verify set forth in A.R.S. §23-214(A) (hereinafter "Consultant Immigration Warranty").

A breach of the Consultant Immigration Warranty (Exhibit C) shall constitute a material breach of this Contract that is subject to penalties up to and including termination of the contract.

The City retains the legal right to inspect the papers of any Consultant or Subconsultant employee who works on this Contract to ensure that the Consultant or Subconsultant is complying with the Contractor Immigration Warranty. The Consultant agrees to assist the City in the conduct of any such inspections.

The City may, at its sole discretion, conduct random verifications of the employment records of the Consultant and any Subconsultant to ensure compliance with Contractors Immigration Warranty. The Consultant agrees to assist the City in performing any such random verifications.

The provisions of this Article must be included in any contract the Consultant enters into with any and all of its subcontractors who provide services under this Contract or any subcontract. "Services" are defined as furnishing labor, time or effort in the State of Arizona by a consultant or subconsultant. Services include construction or maintenance of any structure, building or transportation facility or improvement to real property.

In accordance with A.R.S. §35-393.06, the Consultant hereby certifies that the offeror does not have scrutinized business operations in Iran.

In accordance with A.R.S. §35-391.06, the Consultant hereby certifies that the offeror does not have scrutinized business operations in Sudan.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first written above.

This Agreement will be effective on this _____ day of _____, 2012.

CITY OF CHANDLER

FOR THE ANNUAL:

MAYOR DATE:

By: Thomas McLean
Title: VICE PRESIDENT

ADDRESS FOR NOTICE
City of Chandler
P.O. Box 4008, Mail Stop 407
Chandler, AZ 85244-4008
480-782-3307

ADDRESS FOR NOTICE
Mr. Tom McLean
CH2M Hill
2625 S. Plaza Dr., Ste. 300
Tempe, AZ 85282-3397

APPROVED AS TO FORM:

Phone: 480-966-8188
Fax: 480-966-9450

ATTEST: City Attorney By: [Signature]

City Clerk

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Jul. 10. 2012 8:48PM

No. 1061 P. 2

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first written above.

This Agreement will be effective on this _____ day of _____, 2012.

CITY OF CHANDLER

MAYOR DATE:

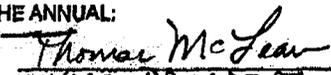
ADDRESS FOR NOTICE
City of Chandler
P.O. Box 4008, Mail Stop 407
Chandler, AZ 85244-4008
480-782-3307

APPROVED AS TO FORM:

ATTEST: City Attorney By: 

City Clerk

FOR THE ANNUAL:

By: 
Title: VICE PRESIDENT

ADDRESS FOR NOTICE
Mr. Tom McLean
CH2M Hill
2625 S. Plaza Dr., Ste. 300
Tempe, AZ 85282-3397

Phone: 480-868-8188
Fax: 480-868-8450

EXHIBIT A SCOPE OF WORK

Project Description

The City of Chandler is continuing the planning process for the design, construction and operation of a new water reclamation facility in Chandler, the Chandler Water Reclamation Facility (CWRF). The City desires to conduct a study to evaluate siting options for the new CWRF. In addition, the City wants to accomplish the following goals during execution of the study; 1) determine the impacts and modifications required to the collection system to accommodate the new CWRF, 2) assess the capacity requirements for the CWRF including flows, loading and wastewater characteristics, 3) evaluate treatment process options and technologies, 4) evaluate how this facility will integrate with the short term and long term effluent reuse/disposal plan, 5) evaluate the costs for the new CWRF, and, 6) evaluate the potential delivery models available.

Background

The City operates three wastewater treatment facilities within the community; the Ocotillo WRF (OWRF), the Airport WRF (AWRF) and the Lone Butte WWTP. The OCWRF was originally built in 1985 to manage the treatment of flows in Chandler's southeast area. It was initially built by a private entity and later acquired by the City. This facility is permitted to treat an average of 10mgd. The Airport WRF was built in 1998 as a 5mgd facility, expanded in 2009 to 15mgd, and is currently under further expansion to a capacity of 22mgd. The Lone Butte WWTP was built in the 1960's and expanded to its current capacity of 10mgd. This facility is operated under a lease agreement with the Gila River Indian Community (GRIC) which stipulates that the City has rights to 8.8mgd of the treatment capacity. Wastewater generated in west Chandler (west of Price Road) is primarily treated at the Lone Butte WWTP. The purposeful interconnection of all of the City's wastewater treatment facilities has provided Chandler with unique capabilities for managing system wastewater collection flows, achieving treatment objectives, and meeting long-term reclaimed water delivery obligations while at the same time maximizing operational efficiency and regulatory compliance.

In anticipation of increases in future residential and industrial wastewater flows in the west Chandler area, the City plans to provide for future system conveyance and treatment capability. The West Chandler/San Tan Freeway Force Main Project is currently in progress which will provide the ability to convey system wastewater flows from the Kyrene Lift Station to the vicinity of the existing OWRF. This current siting study will provide an update of planning and technical information to more specifically address the needs related to a new Chandler WRF.

Task 1.0 – Project Management

Task 1 consists of the management aspects of the project. The specific elements of this task include:

Task 1.1 – Project Execution Plan

Prepare a Project Execution Plan (PEP) for the project and distribute to the City and all the ANNUAL CONSULTANT project team members and personnel. The work plan will include the project purpose and objectives, scope of work, project delivery schedule, deliverables, budget, organizational chart, communication plan, change management plan and document management plan. In addition, the plan will include Quality Management Plan and a project Health and Safety Plan. The Project Execution Plan will be distributed to the City and the ANNUAL CONSULTANT team members.

Task 1.2 – Project Kickoff/Chartering Meeting

Conduct initial project kick-off meeting/chartering session with all project participants to review the project goals, objectives, scope of work, project schedule, and roles and responsibilities. This task includes five ANNUAL CONSULTANT staff attending the meeting. Meeting minutes will be prepared and distributed to document the meeting.

Task 1.3 -Progress Reports

Prepare and distribute monthly progress reports to the City throughout the course of the project. The progress reports will summarize the work has been completed during the preceding month and work that will be completed during the upcoming month. These reports will be delivered as part of the monthly progress payment request. In addition, weekly e-mails will be sent to the City to provide an update on activities for the prior week.

Task 1.4 – Project Coordination and Progress Meetings

On a monthly basis, ANNUAL CONSULTANT will conduct project progress meetings with the City to discuss issues/elements of the project. Meeting agendas will be prepared and distributed 2 days prior to the meeting and meeting minutes will be prepared and distributed by ANNUAL CONSULTANT within 3 business days following the Project Coordination and Progress Meeting. It is anticipated that there will be nine (9) monthly Project Coordination and Progress Meetings.

Task 1 Deliverables

Task	Deliverable	Quantity	Comments
1.1	Project Execution Plan	6	Hard copies and one pdf on a CD
1.2	Project Kickoff Meeting Minutes	1	E-mail delivery in pdf format
1.3	Monthly Progress Reports	1	E-mail delivery in pdf format
1.4	Project Coordination and Progress Meetings Agendas and Minutes	1	E-mail delivery in pdf format

Task 2.0 – New Chandler WRF Planning Framework

This task will consist of defining the function, role and capacity of a new Water Reclamation Facility in the west Chandler area.

Task 2.1 – New Chandler WRF Function and Role

A new Chandler WRF will be evaluated in this task with respect to; updated water demand projection information, existing collection and treatment system operations, reclaimed water delivery obligations, and effluent water quality objectives. The overall anticipated role and function of this facility within the City of Chandler wastewater system will be outlined considering interim and build-out capacity needs.

Task 2.2 – Collection System Integration

The siting of the new Chandler WRF will include an analysis of its integration with the existing and proposed collection system improvements. This task will evaluate the placement of the new facility with respect to interconnections (gravity, pump and force main connections) with the other existing plants and drainage areas to provide for maximum long term reliability and flexibility in system operations. Use of the newly constructed 20 mgd wastewater pump station on the Ocotillo WRF site will be considered for conveying influent flows into the new Chandler WRF.

Task 2 Deliverables

Task	Deliverable	Quantity	Comments
2.1 – 2.2	Technical Memorandum	6	Hard copies and one pdf on a CD

Task 3.0 – Regulatory Requirements

Task 3 consists of evaluating the regulatory framework under which the new CWRF would have to comply. The specific elements of this task include:

Task 3.1 –Arizona Department of Environmental Quality

A review of the regulatory framework established by the Arizona Department of Environmental Quality will be completed in this task. Regulations that would affect the siting or effluent quality requirements for a new WRF will be identified and considered. Principally, the following permit requirements will be evaluated;

- Aquifer Protection Permit
- Reclaimed Water Reuse Permit
- AZPDES Industrial Stormwater Multi-Sector General Use Permit

The City of Chandler has sent communication to the Gila River Indian Community (GRIC) requesting a noise and odor easement that would allow the City to consider constructing the new Chandler WRF on existing property at the OWRF site within the City's property boundary. Communication will occur with ADEQ upon receipt of a response from GRIC with the City leading the ADEQ communication and ANNUAL CONSULTANT is support of the City.

Task 3.2 – Arizona Department of Water Resources

A review of the regulatory framework established by the Arizona Department of Water Resources will be completed in this task. Regulations that would affect the siting or effluent quality requirements for a new WRF will be identified and considered. Principally, the following permit requirements will be evaluated;

- Underground Storage Permit
- Underground Storage and Recovery Permit

Task 3.3 – Maricopa County Environmental Services Department (MCESD)

A review of the regulatory framework established by Maricopa County will be completed in this task. Regulations that would affect the siting or effluent quality requirements for a new WRF will be identified and considered. Principally, the following permit requirements will be evaluated;

- Approval to Construct
- Approval of Construction
- MAG 208 Plan
- Air Quality Permit

Communication will also occur with MCESD regarding the response from GRIC on the noise and odor easement/setback.

Task 3.4 – City of Chandler Approvals

A review of the regulatory framework established by the City of Chandler will be completed in this task. Regulations that would affect the siting or effluent quality requirements for a new WRF will be identified and considered. Principally, the following permit requirements will be evaluated;

- Site Development Plan Review Requirements

Task 3 Deliverables

Task	Deliverable	Quantity	Comment
3.1 – 3.4	Technical Memorandum	6	Hard copies and one pdf on a CD

Task 4.0 – CWRF Treatment Alternatives and Facility Needs

Task 4 will analyze the feasible treatment alternatives available for the new CWRF. The initial basic treatment alternative categories that will be considered include:

- Category 1 – Biological Nutrient Removal Activated Sludge (BNRAS) plus Media Filtration
- Category 2 – Biological Nutrient Removal Activated Sludge (BNRAS) plus Membrane Filtration
- Category 3 – Biological Nutrient Removal Activated Sludge (BNRAS) Utilizing a Membrane Bioreactor (MBR)

Within each category, there are specific unit processes that, when combined, establish a plant configuration or, as termed herein, at treatment alternative. Also, within each unit process, there are various technology options to consider and select. Thus, there can be numerous treatment alternatives within each category.

Task 4.1 – Decision Model Framework

This task will develop the Decision Model framework and value structure for use in deciding which treatment alternative to select for the CWRF. Treatment goals will be established by the City (facilitated by ANNUAL CONSULTANT) to identify those evaluation criteria that are "Fatal Flaws" by the City that would cause a treatment

alternative to be eliminated from future consideration. After the fatal flaw criteria are identified, non-economic evaluation criteria will be developed and relative weighting criteria established to evaluate the relative benefits of each of the treatment alternatives being considered. A commercially available software called "Criterium Decision Plus" will be utilized as a tool to sort and weight the selection criteria developed by the City (facilitated by ANNUAL CONSULTANT). Criterium Decision Plus is a multi-attribute model that calculates the relative benefit of the alternative to meet a given goal. The relative benefit for each treatment alternative can then be compared to the cost required for development of that alternative, and an informed cost-benefit comparison can be made to select the best treatment process alternative. It is proposed that development of the "Fatal Flaw" evaluation criteria and the non-economic evaluation criteria be developed during the project Kickoff Meeting. In addition, the non-economic evaluation criteria will be weighted and scored at the kickoff meeting.

Task 4.2 – Identification and Initial Screening of Treatment Alternatives

Five separate treatment alternatives will be developed for evaluation. These treatment alternatives must be able to meet the "Fatal Flaw" criteria developed above and fit within one of the category alternatives identified at the beginning of this section. A process flow schematic will be developed for each treatment alternative. Within each category, there are specific unit processes that, when combined, establish a plant configuration or treatment alternative. Also, within each unit process, there are various technology options to consider and select. ANNUAL CONSULTANT will work with the City in a workshop format to identify the specific process scheme for each treatment alternative. The City has also requested that the new CWRF be modular in nature to be able to add future capacity.

It is also assumed that the Chandler WRF include solids thickening, solids digestion and solids dewatering facilities. The final decision to include solids facilities will be made by the City at a later date; however planning for space and cost will be included as part of this evaluation.

Task 4.3 - Process Modeling

An initial process model will be developed for two treatment alternatives utilizing Pro2D; BNRAS plus media filtration and BNRAS utilizing MBR. The purpose for modeling these two alternatives will be demonstrate the space requirements for each and assess the overall space needs of the facility.

Task 4.4 - Process Flow Diagram

Develop a process flow diagram for each alternative.

Task 4.5 – Support Facilities and Site Access

The purpose of this task is to identify the support facilities and utilities that will be required for the new WCWRF. ANNUAL CONSULTANT will work with the City to identify the required support facilities. An example of support facilities might include an Administration Building, Operations Building, and Maintenance Building. This evaluation will be based on the premise that there will be one operator for both the new Chandler WRF and the existing Ocotillo WRF. Utility needs for the CWRF will be evaluated and a list of the required utilities will be developed. An initial contact with the utility owner will be made to determine the effort and cost that will be expended to bring the utility to the CWRF. Initial contact with utility companies will include the following; power, natural gas, water, and telephone. Site access for the utilities will be considered.

This task will also evaluate the Supervisory Control and Data Acquisition (SCADA) needs for the new CWRF. It is anticipated that one SCADA system will be utilized to monitor and control the both the CWRF and the OCWRF.

Task 4.6 - Preliminary Layout

Develop a preliminary layout for each alternative. The purpose of the preliminary layout will be to validate that the space requirements for the CWRF.

Task 4.7 – Constructability Issues

Review the constructability issues associated with implementation of each alternative and the expansion potential for each alternative.

Task 4.8 – Life Cycle Cost Analysis

Provide a life-cycle cost analysis for each treatment alternative. ANNUAL CONSULTANT's parametric cost estimating system CPES will be the primary tool utilized for estimating the costs.

Task 4.9 – Final Cost Benefit Results

With all of the above information complete, compute the final cost benefit score for each treatment alternative to determine which alternative presents the best value proposition to the City. Facilitate with the City a final decision on the treatment process selected for future implementation.

Task 4 Deliverables

Task	Deliverable	Quantity	Comment
4.1	Criterion Decision Plus Value Structure	1	E-mail delivery in pdf format
4.1 – 4.8	Technical Memorandum	6	Hard copies and one pdf on CD

Task 5 – Siting Analysis

Task 5.1 – Siting Analysis

Criteria will be developed for selecting the site based on the space needs identified in the prior tasks and a Value Structure based on the City's goals and objectives. Based on the criteria, ANNUAL CONSULTANT will utilize Criterion Decision Plus to facilitate a final site decision with the City. It is anticipated that this can be accomplished in a workshop type setting.

In discussions with the City, it is anticipated that there are two viable sites for the new CWRF. One site is north of the existing OWRF and the other site is within the City's existing property on the existing OWRF site. In considering the existing OWRF site, it is assumed that there will need to be a 1000 foot setback to the north of the site.

Task 5 Deliverable

Task	Deliverable	Quantity	Comment
5.1	Criterion Decision Plus Value Structure and Cost Benefit Score	6	Hard copies and one pdf on a CD

Task 6 – Delivery Options

Task 6.1 – Delivery Options

ANNUAL CONSULTANT will evaluate the following project delivery approaches for the CWRF; 1) Design-Bid-Build, 2) Construction Manager At-Risk and 3) Design-Build Operate. A technical memorandum will be developed that will compare the three options for delivery of the CWRF. Items that will be included in the Technical Memorandum will be a discussion on risk profile, statutory requirements and enablers, schedule pre-requisites, and advantages and disadvantages for each delivery approach.

The City has requested that the new CWRF be fully operational by June 2017. The delivery models evaluated will be compared against this goal.

Task 6 Deliverable

Task	Deliverable	Quantity	Comment
6.1	Technical Memorandum	6	Hard copy and one pdf on a CD

Task 7 - Final Siting Study Report

Task 7.1 – Final Report

All of the Technical Memorandum will be combined into a single report for the City. ANNUAL CONSULTANT will collect and incorporate City comments on the Draft Technical Memorandum from each scope Task and submit the final report to the City which will combine all of the TMs.

Task 7 Deliverable

Task	Deliverable	Quantity	Comment
7.1	Final Siting Study Report	6	Hard copy and one pdf on a CD

**EXHIBIT B
FEE SCHEDULE**

Task	Principal Project Manager (\$/Hr.)	Principal Technologist (\$/Hr.)	Project Manager/Senior Technologist (\$/Hr.)	Project Engineer (\$/Hr.)	Associate Engineer (\$/Hr.)	Staff Engineer (\$/Hr.)	Senior Engineering Technician (\$/Hr.)	Junior Engineering Technician (\$/Hr.)	Office/Clerical /Accounting (\$/Hr.)	Total Hours	Total Cost
Task 1.0 - Project Management	\$ 180	\$ 195	\$ 168	\$ 150	\$ 125	\$ 115	\$ 132	\$ 85	\$ 80		
Task 1.1 - Project Execution Plan	8			20			3		16	47	\$ 6,116
Task 1.2 - Project Kickoff/Chartering Meeting	4	4	4	4	4		8		12	40	\$ 5,288
Task 1.3 - Progress Reports	9			18					36	63	\$ 7,200
Task 1.4 - Project Coordination and Progress Meetings	18			18					18	54	\$ 7,380
Subtotal										204	\$ 25,984
Task 2.0 - New Chandler WRF Planning Framework											
Task 2.1 - New Chandler WRF Function and Role	8			18				6	16	48	\$ 5,930
Task 2.2 - Collection System Modifications	8			18				6	16	48	\$ 5,930
Subtotal										96	\$ 11,860
Task 3.0 - Regulatory Requirements											
Task 3.1 - Arizona Department of Environmental Quality	2				10			2	6	20	\$ 2,260
Task 3.2 - Arizona Department of Water Resources	2				10			2	6	20	\$ 2,260
Task 3.3 - Maricopa County Environmental Services Department	2				10			2	6	20	\$ 2,260
Task 3.4 - City of Chandler Approvals	2				10			2	6	20	\$ 2,260
Subtotal										80	\$ 9,040
Task 4.0 - SWRF Treatment Alternatives and Facility Needs											
Task 4.1 - Decision Model Framework	8	12	24	40			8		16	108	\$ 16,148
Task 4.2 - Identification and Initial Screening of Treatment Alternatives	8	20	24	40			8		16	116	\$ 17,708
Task 4.3 - Process Modeling	8	12	24	40			8		16	108	\$ 16,148
Task 4.4 - Process Flow Diagram	8			40			24		16	88	\$ 11,888
Task 4.5 - Support Facilities and Site Access	8		24	40			16		16	104	\$ 14,864
Task 4.6 - Preliminary Layout	8	12		40			24		16	100	\$ 14,228
Task 4.7 - Constructability Issues	8	4		12					16	40	\$ 5,300
Task 4.8 - Life Cycle Cost Analysis	8		24	24					16	72	\$ 10,352
Task 4.9 - Final Cost Benefit Results	8	4	12	24					16	64	\$ 9,116
Subtotal										800	\$ 115,752
Task 5.0 - Siting Analysis											
Task 5.1 - Siting Analysis	4	0		20			16		20	60	\$ 7,432
Subtotal										60	\$ 7,432
Task 6.0 - Delivery Options											
Task 6.1 - Delivery Options	4	4		32					20	60	\$ 7,900
Subtotal										60	\$ 7,900
Task 7.0 - Final Siting Study Report											
Task 7.1 - Final Report	6	0		32			20		80	138	\$ 14,920
Subtotal										138	\$ 14,920
Overall Labor Sub-Totals	149	172	136	490	121	110	135	20	462	1,138	\$ 152,588
Expenses & Travel Subtotal											\$ 15,000
Total Fee Proposal											\$ 167,588

EXHIBIT C

**Contractor Immigration Warranty
To Be Completed by Consultant Prior to Execution of Contract**

A.R.S. § 41-4401 requires as a condition of your contract verification of compliance by the consultant and subconsultants with the Federal Immigration and Nationality Act (FINA), all other Federal immigration laws and regulations, and A.R.S. § 23-214 related to the immigration status of its employees.

By completing and signing this form the Engineer/Annual Consultant shall attest that it and all subconsultants performing work under the cited contract meet all conditions contained herein.

Project Number: WW1301-101		
Name (as listed in the contract):		
Street Name and Number:		
City: Chandler	State: AZ	Zip Code:

I hereby attest that:

1. The Engineer/Annual Consultant complies with the Federal Immigration and Nationality Act (FINA), all other Federal immigration laws and regulations, and A.R.S. § 23-214 related to the immigration status of those employees performing work under this contract;
2. All subconsultants performing work under this contract comply with the Federal Immigration and Nationality Act (FINA), all other Federal immigration laws and regulations, and A.R.S. § 23-214 related to the immigration status of their employees; and
3. The Engineer/Annual Consultant has identified all consultant and subconsultant employees who perform work under the contract and has verified compliance with Federal Immigration and Nationality Act (FINA), all other Federal immigration laws and regulations, and A.R.S. § 23-214.

Signature of Engineer/ Annual Consultant (Employer) or Authorized Designee:

Printed Name: _____

Title: _____

Date (month/day/year): _____

**PROJECT AGREEMENT
PURSUANT TO ANNUAL CONTRACT NO. EN1003-104**

AGREEMENT NO: WW1301-101

This AGREEMENT is made this ____ day of _____, 2012, by and between the City of Chandler, a municipal corporation (hereinafter referred to as "CITY") and CH2M Hill, Inc., a corporation of the State of Florida licensed in the State of Arizona (hereinafter referred to as "Annual Consultant") and is a project agreement entered into pursuant to Annual Contract No. EN1003-104.

CITY and CH2M Hill, Inc., in consideration of the mutual covenants herein set forth, agree as follows:

ARTICLE 1. DESCRIPTION OF WORK

This project is West Chandler Water Reclamation Facility Site Evaluation, Project Number WW1301-101. The scope of work consists of providing a study to evaluate siting options for the new West Chandler Water Reclamation Facility, all as more particularly set forth in Exhibit A attached hereto and incorporated herein by reference.

The Annual Consultant shall not accept any change of scope, or change in contract provisions, unless issued in writing, as a contract amendment and signed by the Contract Administrator.

ARTICLE 2. CONTRACT PRICE

CITY shall pay Annual Consultant for completion of the Work in accordance with the Contract Documents a fee not to exceed One Hundred Ninety Seven Thousand Eight Hundred Eighty Eight Dollars (\$197,888) determined and payable as set forth in Annual Contract EN1003-104 and Exhibit B attached hereto and made a part hereof by reference.

ARTICLE 3. CONTRACT TIME

The contract time is Two Hundred Seventy days and Annual Consultant agrees to complete all work within Two Hundred Seventy (270) days of the date CITY issues a Notice to Proceed.

ARTICLE 4. GENERAL

This Project Agreement is entered into pursuant to Annual Contract No. EN1003-104 and the terms and conditions contained therein are incorporated herein by reference as if set forth in full.

ARTICLE 5. ARIZONA PROCUREMENT LAW

Compliance with A.R.S. § 41-4401. Pursuant to the provisions of A.R.S. § 41-4401, the Consultant hereby warrants to the City that the Consultant and each of its subcontractors ("Subconsultants") will comply with all Federal Immigration laws and regulations that relate to the immigration status of their employees and the requirement to use E-Verify set forth in A.R.S. §23-214(A) (hereinafter "Consultant Immigration Warranty").

A breach of the Consultant Immigration Warranty (Exhibit C) shall constitute a material breach of this Contract that is subject to penalties up to and including termination of the contract.

The City retains the legal right to inspect the papers of any Consultant or Subconsultant employee who works on this Contract to ensure that the Consultant or Subconsultant is complying with the Contractor Immigration Warranty. The Consultant agrees to assist the City in the conduct of any such inspections.

The City may, at its sole discretion, conduct random verifications of the employment records of the Consultant and any Subconsultant to ensure compliance with Contractors Immigration Warranty. The Consultant agrees to assist the City in performing any such random verifications.

The provisions of this Article must be included in any contract the Consultant enters into with any and all of its subcontractors who provide services under this Contract or any subcontract. "Services" are defined as furnishing labor, time or effort in the State of Arizona by a consultant or subconsultant. Services include construction or maintenance of any structure, building or transportation facility or improvement to real property.

In accordance with A.R.S. §35-393.06, the Consultant hereby certifies that the offeror does not have scrutinized business operations in Iran.

In accordance with A.R.S. §35-391.06, the Consultant hereby certifies that the offeror does not have scrutinized business operations in Sudan.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first written above.

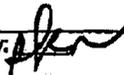
This Agreement will be effective on this _____ day of _____, 2012.

CITY OF CHANDLER

MAYOR DATE:

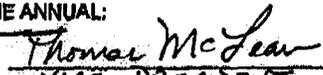
ADDRESS FOR NOTICE
City of Chandler
P.O. Box 4008, Mail Stop 407
Chandler, AZ 85244-4008
480-782-3307

APPROVED AS TO FORM:

ATTEST: City Attorney By: 

City Clerk

FOR THE ANNUAL:

By: 
Title: VICE PRESIDENT

ADDRESS FOR NOTICE
Mr. Tom McLean
CH2M Hill
2825 S. Plaza Dr., Ste. 300
Tempe, AZ 85282-3397

Phone: 480-866-8166
Fax: 480-866-9450

EXHIBIT A SCOPE OF WORK

Project Description

The City of Chandler is continuing the planning process for the design, construction and operation of a new water reclamation facility in Chandler, the Chandler Water Reclamation Facility (CWRF). The City desires to conduct a study to evaluate siting options for the new CWRF. In addition, the City wants to accomplish the following goals during execution of the study; 1) determine the impacts and modifications required to the collection system to accommodate the new CWRF, 2) assess the capacity requirements for the CWRF including flows, loading and wastewater characteristics, 3) evaluate treatment process options and technologies, 4) evaluate how this facility will integrate with the short term and long term effluent reuse/disposal plan, 5) evaluate the costs for the new CWRF, and, 6) evaluate the potential delivery models available.

Background

The City operates three wastewater treatment facilities within the community; the Ocotillo WRF (OWRF), the Airport WRF (AWRF) and the Lone Butte WWTP. The OCWRF was originally built in 1985 to manage the treatment of flows in Chandler's southeast area. It was initially built by a private entity and later acquired by the City. This facility is permitted to treat an average of 10mgd. The Airport WRF was built in 1998 as a 5mgd facility, expanded in 2009 to 15mgd, and is currently under further expansion to a capacity of 22mgd. The Lone Butte WWTP was built in the 1960's and expanded to its current capacity of 10mgd. This facility is operated under a lease agreement with the Gila River Indian Community (GRIC) which stipulates that the City has rights to 8.8mgd of the treatment capacity. Wastewater generated in west Chandler (west of Price Road) is primarily treated at the Lone Butte WWTP. The purposeful interconnection of all of the City's wastewater treatment facilities has provided Chandler with unique capabilities for managing system wastewater collection flows, achieving treatment objectives, and meeting long-term reclaimed water delivery obligations while at the same time maximizing operational efficiency and regulatory compliance.

In anticipation of increases in future residential and industrial wastewater flows in the west Chandler area, the City plans to provide for future system conveyance and treatment capability. The West Chandler/San Tan Freeway Force Main Project is currently in progress which will provide the ability to convey system wastewater flows from the Kyrene Lift Station to the vicinity of the existing OWRF. This current siting study will provide an update of planning and technical information to more specifically address the needs related to a new Chandler WRF.

Task 1.0 – Project Management

Task 1 consists of the management aspects of the project. The specific elements of this task include:

Task 1.1 – Project Execution Plan

Prepare a Project Execution Plan (PEP) for the project and distribute to the City and all the ANNUAL CONSULTANT project team members and personnel. The work plan will include the project purpose and objectives, scope of work, project delivery schedule, deliverables, budget, organizational chart, communication plan, change management plan and document management plan. In addition, the plan will include Quality Management Plan and a project Health and Safety Plan. The Project Execution Plan will be distributed to the City and the ANNUAL CONSULTANT team members.

Task 1.2 – Project Kickoff/Chartering Meeting

Conduct initial project kick-off meeting/chartering session with all project participants to review the project goals, objectives, scope of work, project schedule, and roles and responsibilities. This task includes five ANNUAL CONSULTANT staff attending the meeting. Meeting minutes will be prepared and distributed to document the meeting.

Task 1.3 -Progress Reports

Prepare and distribute monthly progress reports to the City throughout the course of the project. The progress reports will summarize the work has been completed during the preceding month and work that will be completed during the upcoming month. These reports will be delivered as part of the monthly progress payment request. In addition, weekly e-mails will be sent to the City to provide an update on activities for the prior week.

Task 1.4 – Project Coordination and Progress Meetings

On a monthly basis, ANNUAL CONSULTANT will conduct project progress meetings with the City to discuss issues/elements of the project. Meeting agendas will be prepared and distributed 2 days prior to the meeting and meeting minutes will be prepared and distributed by ANNUAL CONSULTANT within 3 business days following the Project Coordination and Progress Meeting. It is anticipated that there will be nine (9) monthly Project Coordination and Progress Meetings.

Task 1 Deliverables

Task	Deliverable	Quantity	Comments
1.1	Project Execution Plan	6	Hard copies and one pdf on a CD
1.2	Project Kickoff Meeting Minutes	1	E-mail delivery in pdf format
1.3	Monthly Progress Reports	1	E-mail delivery in pdf format
1.4	Project Coordination and Progress Meetings Agendas and Minutes	1	E-mail delivery in pdf format

Task 2.0 – New Chandler WRF Planning Framework

This task will consist of defining the function, role and capacity of a new Water Reclamation Facility in the west Chandler area.

Task 2.1 – New Chandler WRF Function and Role

A new Chandler WRF will be evaluated in this task with respect to; updated water demand projection information, existing collection and treatment system operations, reclaimed water delivery obligations, and effluent water quality objectives. The overall anticipated role and function of this facility within the City of Chandler wastewater system will be outlined considering interim and build-out capacity needs.

Task 2.2 – Collection System Integration

The siting of the new Chandler WRF will include an analysis of its integration with the existing and proposed collection system improvements. This task will evaluate the placement of the new facility with respect to interconnections (gravity, pump and force main connections) with the other existing plants and drainage areas to provide for maximum long term reliability and flexibility in system operations. Use of the newly constructed 20 mgd wastewater pump station on the Ocotillo WRF site will be considered for conveying influent flows into the new Chandler WRF.

Task 2 Deliverables

Task	Deliverable	Quantity	Comments
2.1 – 2.2	Technical Memorandum	6	Hard copies and one pdf on a CD

Task 3.0 – Regulatory Requirements

Task 3 consists of evaluating the regulatory framework under which the new CWRF would have to comply. The specific elements of this task include:

Task 3.1 –Arizona Department of Environmental Quality

A review of the regulatory framework established by the Arizona Department of Environmental Quality will be completed in this task. Regulations that would affect the siting or effluent quality requirements for a new WRF will be identified and considered. Principally, the following permit requirements will be evaluated;

- Aquifer Protection Permit
- Reclaimed Water Reuse Permit
- AZPDES Industrial Stormwater Multi-Sector General Use Permit

The City of Chandler has sent communication to the Gila River Indian Community (GRIC) requesting a noise and odor easement that would allow the City to consider constructing the new Chandler WRF on existing property at the OWRF site within the City's property boundary. Communication will occur with ADEQ upon receipt of a response from GRIC with the City leading the ADEQ communication and ANNUAL CONSULTANT is support of the City.

Task 3.2 – Arizona Department of Water Resources

A review of the regulatory framework established by the Arizona Department of Water Resources will be completed in this task. Regulations that would affect the siting or effluent quality requirements for a new WRF will be identified and considered. Principally, the following permit requirements will be evaluated;

- Underground Storage Permit
- Underground Storage and Recovery Permit

Task 3.3 – Maricopa County Environmental Services Department (MCESD)

A review of the regulatory framework established by Maricopa County will be completed in this task. Regulations that would affect the siting or effluent quality requirements for a new WRF will be identified and considered. Principally, the following permit requirements will be evaluated;

- Approval to Construct
- Approval of Construction
- MAG 208 Plan
- Air Quality Permit

Communication will also occur with MCESD regarding the response from GRIC on the noise and odor easement/setback.

Task 3.4 – City of Chandler Approvals

A review of the regulatory framework established by the City of Chandler will be completed in this task. Regulations that would affect the siting or effluent quality requirements for a new WRF will be identified and considered. Principally, the following permit requirements will be evaluated;

- Site Development Plan Review Requirements

Task 3 Deliverables

Task	Deliverable	Quantity	Comment
3.1 – 3.4	Technical Memorandum	6	Hard copies and one pdf on a CD

Task 4.0 – CWRF Treatment Alternatives and Facility Needs

Task 4 will analyze the feasible treatment alternatives available for the new CWRF. The initial basic treatment alternative categories that will be considered include:

- Category 1 – Biological Nutrient Removal Activated Sludge (BNRAS) plus Media Filtration
- Category 2 – Biological Nutrient Removal Activated Sludge (BNRAS) plus Membrane Filtration
- Category 3 – Biological Nutrient Removal Activated Sludge (BNRAS) Utilizing a Membrane Bioreactor (MBR)

Within each category, there are specific unit processes that, when combined, establish a plant configuration or, as termed herein, at treatment alternative. Also, within each unit process, there are various technology options to consider and select. Thus, there can be numerous treatment alternatives within each category.

Task 4.1 – Decision Model Framework

This task will develop the Decision Model framework and value structure for use in deciding which treatment alternative to select for the CWRF. Treatment goals will be established by the City (facilitated by ANNUAL CONSULTANT) to identify those evaluation criteria that are "Fatal Flaws" by the City that would cause a treatment

alternative to be eliminated from future consideration. After the fatal flaw criteria are identified, non-economic evaluation criteria will be developed and relative weighting criteria established to evaluate the relative benefits of each of the treatment alternatives being considered. A commercially available software called "Criterium Decision Plus" will be utilized as a tool to sort and weight the selection criteria developed by the City (facilitated by ANNUAL CONSULTANT). Criterium Decision Plus is a multi-attribute model that calculates the relative benefit of the alternative to meet a given goal. The relative benefit for each treatment alternative can then be compared to the cost required for development of that alternative, and an informed cost-benefit comparison can be made to select the best treatment process alternative. It is proposed that development of the "Fatal Flaw" evaluation criteria and the non-economic evaluation criteria be developed during the project Kickoff Meeting. In addition, the non-economic evaluation criteria will be weighted and scored at the kickoff meeting.

Task 4.2 – Identification and Initial Screening of Treatment Alternatives

Five separate treatment alternatives will be developed for evaluation. These treatment alternatives must be able to meet the "Fatal Flaw" criteria developed above and fit within one of the category alternatives identified at the beginning of this section. A process flow schematic will be developed for each treatment alternative. Within each category, there are specific unit processes that, when combined, establish a plant configuration or treatment alternative. Also, within each unit process, there are various technology options to consider and select. ANNUAL CONSULTANT will work with the City in a workshop format to identify the specific process scheme for each treatment alternative. The City has also requested that the new CWRF be modular in nature to be able to add future capacity.

It is also assumed that the Chandler WRF include solids thickening, solids digestion and solids dewatering facilities. The final decision to include solids facilities will be made by the City at a later date; however planning for space and cost will be included as part of this evaluation.

Task 4.3 - Process Modeling

An initial process model will be developed for two treatment alternatives utilizing Pro2D; BNRAS plus media filtration and BNRAS utilizing MBR. The purpose for modeling these two alternatives will be demonstrate the space requirements for each and assess the overall space needs of the facility.

Task 4.4 - Process Flow Diagram

Develop a process flow diagram for each alternative.

Task 4.5 – Support Facilities and Site Access

The purpose of this task is to identify the support facilities and utilities that will be required for the new WCWRF. ANNUAL CONSULTANT will work with the City to identify the required support facilities. An example of support facilities might include an Administration Building, Operations Building, and Maintenance Building. This evaluation will be based on the premise that there will be one operator for both the new Chandler WRF and the existing Ocotillo WRF. Utility needs for the CWRF will be evaluated and a list of the required utilities will be developed. An initial contact with the utility owner will be made to determine the effort and cost that will be expended to bring the utility to the CWRF. Initial contact with utility companies will include the following; power, natural gas, water, and telephone. Site access for the utilities will be considered.

This task will also evaluate the Supervisory Control and Data Acquisition (SCADA) needs for the new CWRF. It is anticipated that one SCADA system will be utilized to monitor and control the both the CWRF and the OCWRF.

Task 4.6 - Preliminary Layout

Develop a preliminary layout for each alternative. The purpose of the preliminary layout will be to validate that the space requirements for the CWRF.

Task 4.7 – Constructability Issues

Review the constructability issues associated with implementation of each alternative and the expansion potential for each alternative.

Task 4.8 – Life Cycle Cost Analysis

Provide a life-cycle cost analysis for each treatment alternative. ANNUAL CONSULTANT's parametric cost estimating system CPES will be the primary tool utilized for estimating the costs.

Task 4.9 – Final Cost Benefit Results

With all of the above information complete, compute the final cost benefit score for each treatment alternative to determine which alternative presents the best value proposition to the City. Facilitate with the City a final decision on the treatment process selected for future implementation.

Task 4 Deliverables

Task	Deliverable	Quantity	Comment
4.1	Criterion Decision Plus Value Structure	1	E-mail delivery in pdf format
4.1 – 4.8	Technical Memorandum	6	Hard copies and one pdf on CD

Task 5 – Siting Analysis

Task 5.1 – Siting Analysis

Criteria will be developed for selecting the site based on the space needs identified in the prior tasks and a Value Structure based on the City's goals and objectives. Based on the criteria, ANNUAL CONSULTANT will utilize Criterion Decision Plus to facilitate a final site decision with the City. It is anticipated that this can be accomplished in a workshop type setting.

In discussions with the City, it is anticipated that there are two viable sites for the new CWRF. One site is north of the existing OWRF and the other site is within the City's existing property on the existing OWRF site. In considering the existing OWRF site, it is assumed that there will need to be a 1000 foot setback to the north of the site.

Task 5 Deliverable

Task	Deliverable	Quantity	Comment
5.1	Criterion Decision Plus Value Structure and Cost Benefit Score	6	Hard copies and one pdf on a CD

Task 6 – Delivery Options

Task 6.1 – Delivery Options

ANNUAL CONSULTANT will evaluate the following project delivery approaches for the CWRF; 1) Design-Bid-Build, 2) Construction Manager At-Risk and 3) Design-Build Operate. A technical memorandum will be developed that will compare the three options for delivery of the CWRF. Items that will be included in the Technical Memorandum will be a discussion on risk profile, statutory requirements and enablers, schedule pre-requisites, and advantages and disadvantages for each delivery approach.

The City has requested that the new CWRF be fully operational by June 2017. The delivery models evaluated will be compared against this goal.

Task 6 Deliverable

Task	Deliverable	Quantity	Comment
6.1	Technical Memorandum	6	Hard copy and one pdf on a CD

Task 7 - Final Siting Study Report

Task 7.1 – Final Report

All of the Technical Memorandum will be combined into a single report for the City. ANNUAL CONSULTANT will collect and incorporate City comments on the Draft Technical Memorandum from each scope Task and submit the final report to the City which will combine all of the TMs.

Task 7 Deliverable

Task	Deliverable	Quantity	Comment
7.1	Final Siting Study Report	6	Hard copy and one pdf on a CD

**EXHIBIT B
FEE SCHEDULE**

Task	Principal Project Manager (\$/hr.)	Principal Technologist (\$/hr.)	Project Manager/Senior Technologist (\$/hr.)	Project Engineer (\$/hr.)	Associate Engineer (\$/hr.)	Staff Engineer (\$/hr.)	Senior Engineering Technician (\$/hr.)	Junior Engineering Technician (\$/hr.)	Office/Clerical /Accounting (\$/hr.)	Total Hours	Total Cost
	\$ 180	\$ 195	\$ 168	\$ 150	\$ 125	\$ 115	\$ 132	\$ 85	\$ 80		
Task 1.1 - Project Execution Plan	8			20			3		16	47	\$ 6,116
Task 1.2 - Project Kickoff/Chartering Meeting	4	4	4	4	4		8		12	40	\$ 5,288
Task 1.3 - Progress Reports	9			18					36	63	\$ 7,200
Task 1.4 - Project Coordination and Progress Meetings	18			18					18	54	\$ 7,380
Subtotal										204	\$ 25,984
Task 2.1 - New Chandler WRF Function and Role	8			18				6	16	48	\$ 5,930
Task 2.2 - Collection System Modifications	8			18				6	16	48	\$ 5,930
Subtotal										96	\$ 11,860
Task 3.1 - Arizona Department of Environmental Quality	2				10			2	6	20	\$ 2,260
Task 3.2 - Arizona Department of Water Resources	2				10			2	6	20	\$ 2,260
Task 3.3 Maricopa County Environmental Services Department	2				10			2	6	20	\$ 2,260
Task 3.4 - City of Chandler Approvals	2				10			2	6	20	\$ 2,260
Subtotal										80	\$ 9,040
Task 4.1 - Decision Model Framework	8	12	24	40			8		16	108	\$ 16,148
Task 4.2 - Identification and Initial Screening of Treatment Alternatives	8	20	24	40			8		16	116	\$ 17,708
Task 4.3 - Process Modeling	8	12	24	40			8		16	108	\$ 16,148
Task 4.4 - Process Flow Diagram	8			40			24		16	88	\$ 11,888
Task 4.5 - Support Facilities and Site Access	8		24	40			16		16	104	\$ 14,864
Task 4.6 - Preliminary Layout	8	12		40			24		16	100	\$ 14,228
Task 4.7 - Constructability Issues	8	4		12					16	40	\$ 5,300
Task 4.8 - Life Cycle Cost Analysis	8		24	24					16	72	\$ 10,352
Task 4.9 - Final Cost Benefit Results	8	4	12	24					16	64	\$ 9,116
Subtotal										800	\$ 115,752
Task 5.1 - Siting Analysis	4	0		20			16		20	60	\$ 7,432
Subtotal										60	\$ 7,432
Task 6.1 - Delivery Options	4	4		32					20	60	\$ 7,900
Subtotal										60	\$ 7,900
Task 7.1 - Final Report	6	0		32			20		80	138	\$ 14,920
Subtotal										138	\$ 14,920

EXHIBIT C

**Contractor Immigration Warranty
To Be Completed by Consultant Prior to Execution of Contract**

A.R.S. § 41-4401 requires as a condition of your contract verification of compliance by the consultant and subconsultants with the Federal Immigration and Nationality Act (FINA), all other Federal immigration laws and regulations, and A.R.S. § 23-214 related to the immigration status of its employees.

By completing and signing this form the Engineer/Annual Consultant shall attest that it and all subconsultants performing work under the cited contract meet all conditions contained herein.

Project Number: WW1301-101		
Name (as listed in the contract):		
Street Name and Number:		
City: Chandler	State: AZ	Zip Code:

I hereby attest that:

1. The Engineer/Annual Consultant complies with the Federal Immigration and Nationality Act (FINA), all other Federal immigration laws and regulations, and A.R.S. § 23-214 related to the immigration status of those employees performing work under this contract;
2. All subconsultants performing work under this contract comply with the Federal Immigration and Nationality Act (FINA), all other Federal immigration laws and regulations, and A.R.S. § 23-214 related to the immigration status of their employees; and
3. The Engineer/Annual Consultant has identified all consultant and subconsultant employees who perform work under the contract and has verified compliance with Federal Immigration and Nationality Act (FINA), all other Federal immigration laws and regulations, and A.R.S. § 23-214.

Signature of Engineer/ Annual Consultant (Employer) or Authorized Designee:

Thomas McLean

Printed Name: THOMAS MCLEAN

Title: VICE PRESIDENT

Date (month/day/year): 7/11/12