



**REQUEST FOR PROPOSAL AND QUALIFICATIONS
ENGINEERING DESIGN SERVICES**

For

ZONE 56 1.5 MG WATER TANK & PIPING

Public Works Department

Telephone: (928) 777-1130

Fax: (928) 771-5929

Due Date: 6/23/2016

REQUEST FOR PROPOSAL AND QUALIFICATIONS
ZONE 56 1.5 MG WATER TANK & PIPING

The City of Prescott, Arizona, Requests Proposals and Qualifications (RFP) from design professionals/engineering firms to provide professional engineering design services for the City of Prescott, Arizona. Proposals must be received before 2:00 PM on Thursday **6/23/2016**, City Clerk's Office, 201 South Cortez Street, Prescott Arizona 86303, at which time all proposals will be publicly opened.

Any proposals received at or after 2:00 PM on the above stated date will be returned unopened. Proposals must conform to this RFP and the attached Project Scoping Report. The City of Prescott reserves the right to reject any and all proposals and the City assumes no liability for the cost of preparing a response to this request.

The outside of the submittal envelope shall indicate the name and address of the respondent, shall be addressed to the City Clerk, City of Prescott, at the above address and shall be marked:
Request for Proposal Submittal: ZONE 56 1.5 MG WATER TANK & PIPING.

A **mandatory** pre-proposal conference will be held at the Public Works conference room, 433 N. Virginia Street, Prescott, AZ 86301 at 10:00AM on 6/8/2016.



Erika Laster, Contract Specialist
Published: 2TC May 15 & 22, 2016.

A. DESCRIPTION OF WORK

The City of Prescott will be reviewing the proposals and qualifications of engineering firms for the purpose of entering into contracts for the following services:

The project will consist of revising and completing existing design plans created by City staff for a new 1.25 million gallon welded steel water tank. Changes will include raising the current design tank base elevation from 5670' to 5690'. A second revision will change the tank material from welded steel to partially buried 1.50 million gallon pre-stressed concrete tank. The revisions will require changes to the access roadway grades, site grading, pipe profiles, tank details and other miscellaneous items. An additional design element will include removing and replacing approximately 4300 lineal feet of existing 8-inch CIP water line with a new 16-inch DIP water line. Site security and SCADA communication will also be required.

An update to the existing preliminary design report and hydraulic analysis will also be required, including a pressure reducing station within the Prescott Canyon Estates subdivision. The design and location will need to be determined by the consultant in coordination with the City.

The Zone 7 Pump Station will be located west of York Motors. The pump station will serve the Zone 7 area in conjunction with the existing Prescott Lakes Pump Station (PLPS). The pump station will replace the existing Yavapai Hills Lower Pump Station (YHLPS) located off of State Route 69 adjacent to Lowe's.

The Zone 7 Pump Station design is 100% complete and will be constructed in conjunction with this project. The Zone 56 Water Tank and Improvements & Zone 7 Pump Station water main construction projects will be packaged, bid, and constructed as a single contract. The selected firm will be requested to provide post design services for the Zone 7 Pump Station project in addition to the Zone 56 Water Tank.

Additional information is included in the attached Project Scoping Report.

B. SUBMITTAL

Sealed Proposals and Statements of Qualifications will be received before 2:00 PM on Thursday **6/23/2016**, at the City Clerk's Office, 201 South Cortez Street, Prescott Arizona 86303, at which time all submittals will be publicly opened. Any submittals received at or after 2:00 PM on the above-stated date will be returned unopened.

Proposals shall be submitted in seven (7 copies), and must conform to the attached Project Scoping Report dated **5/10/2016**. The City of Prescott reserves the right to reject any and all statements and the City assumes no liability for the cost of preparing a response to this request.

The outside of the proposal envelope shall indicate the name and address of the respondent, shall be addressed to the City Clerk, City of Prescott at the above address and shall be marked: **Proposal and Statement of Qualifications: ZONE 56 1.5 MG WATER TANK & PIPING**

C. EVALUATION AND FORMAT OF PROPOSALS AND STATEMENTS OF QUALIFICATIONS;

C.1 EVALUATION

Proposals and Statements of Qualifications will be evaluated by a Review Committee appointed by the City for this project according to the following criteria, with weighting as indicated:

- 1) Specific experience of the firm with comparable pump station and water designs in municipalities within the State of Arizona - 20%
- 2) Experience and performance of the proposed project team and availability, within current and anticipated workload, for this project - 25%
- 3) Proposed project approach, to include a detailed discussion and identification of areas that will require special attention - 25%
- 4) Overall quality of the Proposal, evidencing interest in the project - 15%
- 5) Knowledge and experience with City of Prescott rules, regulations, procedures and local / regional construction conditions including subsurface and geophysical conditions - 15%

C.2 STATEMENTS OF QUALIFICATIONS

The statement shall be limited to no more than 5 pages, and include the following:

- Location of the firm
- Names of the team members proposed for the project
- A list of similar projects in which the team has participated, and contact information
- A brief resume of each of the team members describing their experience and background
- A summary of the current workload of key team members and list of their notable projects
- A list of all sub-consultants proposed to be utilized on the project and a description of their roles

Five (5) additional pages of appendices are allowed and may include graphs, charts, photos, or additional resumes. The letter of transmittal shall not exceed two pages and is exclusive of the 5/5 page limitation for the Statement of Qualifications.

C.3 PROPOSAL

The proposal shall be limited to no more than 5 pages, and include the following:

- A tentative schedule for completion of the project
- A proposal that demonstrates that the firm understands of the project purpose and scope, and a description of how the firm would approach, manage, and complete the project. Refer to the attached Project Scoping Report for the City's expectations.

- Identify any suggestions to improve the project and/or schedule of delivery for the project.
- Cost Proposals will not be accepted with the initial response to this RFP. Submittal of a cost proposal with this RFP will automatically disqualify the submitting firm. Once selected, the City will negotiate a final scope of work and cost proposal with the successful firm.

Three (3) additional pages of appendices are allowed and may include graphs, charts, photos, or any additional information that would aid the review team in ranking this submittal.

D. SHORTLIST AND INTERVIEWS

Following evaluation of the Proposals and Statements of Qualifications, a shortlist of up to five (0-5) firms will be determined based upon the composite score of Review Committee members. A presentation-interview session with each of the top ranked firm(s) will comprise the second half of the evaluation/selection process, if deemed necessary by the City. In the presentation-interviews, candidate firms will be required to demonstrate their understanding and familiarity with the scope, location, and other aspects of this project. The Review Committee will have the opportunity to discuss questions regarding the firms' submittal and presentation at that time. Criteria and weighting for evaluation of the presentation-interviews are as follows:

- 1) Observation of existing conditions and grasp of key project information - 25%
- 2) Identification of issues or problems (solutions) that will need to be considered - 25%
- 3) Approach to project reports, information gathering and analysis, report formatting, including innovative ideas - 35%
- 4) Experience and capabilities with public meeting's and community outreach - 15%

It is highly recommended that candidate firms visit the project site(s).

The City reserves the right to proceed to Final Ranking based on the Proposals and Statements of Qualifications submitted without conducting Interviews.

E. FINAL RANKING AND CONTRACT NEGOTIATION

The Review Committee members will individually evaluate the presentation-interviews of each of the candidate firm(s) and rank them according to the aforementioned criteria. The Review Committee will also consider information from the Proposals and Statements of Qualifications in their final ranking of firm(s). The Review Committee will then formulate a consensus ranking, notify each of the candidate firms of the final rankings and meet with the top-ranked firm for the purpose of initiating contract negotiations. If negotiations are unsuccessful with the top ranked firm, the City will terminate negotiation efforts and open negotiations with the 2nd ranked firm. This process will continue until negotiation efforts are

successful. The final list will remain in effect for a period of twelve months from the date of issuance by the City. The City also reserves the right to reject all submittals and readvertise the project should the City not reach agreement on the terms of the contract with the selected firm(s).

Approval of the City Council will be required for award of a contract for performance of the services described herein.



**Project Scoping Report
May 10, 2016**

Project Description

Project Name: Zone 56 1.5 MG Water Tank & Piping
CIP Number: 06-004
Project Type: Water /Distribution/Production
Project Account No.(s) 7007810-8930-09516
71F7810-8930-09516
Funding Sources: Water Fund

Phase Schedule:

	Begin	End
PS&E	FY17	FY17
ROW	N/A	N/A
Construction	FY17	FY18

Project Team

Project Review Team: Project Manager – Tim Sherwood
Program Development Manager- Steve Orosz
City Engineer– Charles Andrews
Transportation Engineering- Ian Mattingly
Utilities Engineering- Bruce Canavan
Drainage Engineering- Marc DuBroy
Utilities Operations – Craig Dotseth

Prime Consultant(s): TBD
Sub-consultants: Environmental/Permitting: TBD
Public Involvement: TBD
ROW: TBD
Geotechnical: TBD
Systems Engineer: TBD

Goal Statement

By completing this project the City will upgrade water storage and delivery in the Zone 56 water pressure zone, providing enhanced storage, distribution and fire flow reserves in the commercial corridor along SR 69 and improve delivery of water to the Zone 7 area.

Project Description

This project will consist of revising and completing existing design plans created by City staff for a new 1.25 million gallon welded steel water tank. Changes will include raising the current design tank base elevation from 5670 to 5690. A second revision will change the tank material from welded steel to partially buried 1.50 million gallon pre-stressed concrete tank. The revisions will require changes to the access roadway grades, site grading, pipe profiles, tank details and other miscellaneous items. An additional design element will include removing and replacing approximately 4300 lineal feet of existing 8-inch CIP water line with a new 16-inch DIP water line. Site security and SCADA communication will also be required.

An update to the existing preliminary design report and hydraulic analysis will also be required, including a pressure reducing station within the Prescott Canyon Estates subdivision. The design and location will need to be determined by the consultant in coordination with the City.

The Zone 7 Pump Station will be located west of York Motors. The pump station will serve the Zone 7 area in conjunction with the existing Prescott Lakes Pump Station (PLPS). The pump station will replace the existing Yavapai Hills Lower Pump Station (YHLPS) located off of State Route 69 adjacent to Lowe's.

The Zone 7 Pump Station design is 100% complete and will be constructed in conjunction with this project. The Zone 56 Water Tank and Improvements & Zone 7 Pump Station water main construction projects will be packaged, bid, and constructed as a single contract. The selected firm will be requested to provide post design services for the Zone 7 Pump Station project in addition to the Zone 56 Water Tank.

Project Limits – Existing Conditions:

The site is located west of Prescott Lakes Parkway and north of SR 69 on Arizona State Trust Department (ASLD) ROW granted to the City of Prescott. Proposed access to the site is through an existing auto dealership west of Prescott Lakes Parkway or by easement across state land. Alternative access options should be considered. See attached map.

Associated Project Studies: (Supplied to selected firm)

- 2013 Water & Wastewater Model Update – City will provide consultant with a zone extraction from the model to be analyzed, verified, and utilized in the design and permitting of the project.
- Zone 7 Booster Station Design Report and Surge Analysis.

Related Documents: (Supplied to selected firm)

- Zone 56 Tank Design Plans and Specifications
- Zone 56 Tank Preliminary Design Report
- City of Prescott as-builts (AB1974-006, AB2002-039) Lowes, PCE, Calvary Chapel, Arizona Tile, York Motors
- Zone 7 Pump Station Design Plans and Specifications
- Arizona State Land ROW Documents
- Prescott Lakes Parkway Geotechnical Report and Slope Stability Analysis

Adjacent Public CIP Projects:

- Zone 7 Pump Station CIP#11-023

Adjacent Private Development Projects:

- N/A

Public Involvement:

- Coordination with adjacent auto dealership(s), Prescott Canyon Estates HOA, Arizona State Land Department, ADOT and COP Parks & Recreation trail coordination. A minimum of one Public Meeting should be anticipated.

Primary Technical / Administrative Issues

Existing Utilities:

- 8-inch Water main and disruption of water transmission capabilities.
- Existing communications paralleling water line throughout ASLD property.
- Consultant to verify horizontal and vertical alignments for all existing utilities and identify all conflicts anticipated within the project site.

Utility Relocation Issues:

- Existing utilities along SR69 will need to be identified for potential conflicts.

Design:

Roadway Design

- All weather access roadway located within existing easement.
- Alternative access road from the existing Zone 7 Pump Station adjacent to Lowe's.
- Pavement replacement within car dealership if an alternate access cannot be obtained.

Drainage Design

- Manage storm flow runoff from site and new access roadway.
- Drainage design to be in accordance with City standards.

Sewer Design

- N/A

Water Design

- This project will consist of a new 1.5 MG Zone 56 tank and a new 16-inch water main. The new 16-inch water main will begin on SR69 at the YPIT boundary extending easterly to an existing 16-inch stub at the Lowe's entrance, then continuing from the 16-inch stub on the eastern boundary of Lowe's across ASLD to the piping stub out for the Zone 7 pump station. Placement and sizing of a Pressure reducing station for the Prescott Canyon Estates subdivision.
- Removal of existing Zone 56 tank and appurtenances within Prescott Canyon Estates.
- Implementation of security and SCADA system compatible with City requirements.

Geotechnical Design and Recommendations

- Consultant to retain a qualified geotechnical firm to complete a subsurface investigation; and provide recommendations for site work to include access roads, tank foundation, tank backfill, pipeline backfill design and potential retaining walls.

Private Development Partners

- N/A

Right-of-Way (R.O.W.) and Easements:

- Easements and rights-of-way have been acquired by the City from Arizona State Land Department for the tank site, access roadway, water line and Zone 7 pump station.
- The City is evaluating a potential access road from the existing Lowes 16-inch water improvements on ASLD.

Environmental Constraints – Required Permits:

100-Year Floodplain

- N/A

ADOT

- Potential Encroachment Permit and ADOT plan review.

ADEQ –

- Consultant will acquire all ADEQ (YCES) permits, including the Approval to Construct, Approval to Operate, and the Engineer’s Certificate of Completion.
- The project will need to obtain an AzPDES permit and proper erosion control BMPs will need to be incorporated into the plans and construction methods.
- Dust Control measures will need to be incorporated into the construction methods and a City construction permit will be required.

Yavapai County

- N/A

Archaeological/Cultural Issues

- N/A

Endangered Species Act (ESA) –

- A pre-determination for any listed endangered species that may be impacted within the project vicinity, along with an evaluation, if deemed necessary from the pre-determination.

Required Environmental Permits/Approvals -

- ADOT Permit - TBD
- NPDES Permit – SWPPP and NOI
- FEMA – N/A

Construction Issues:

- Water disruption during construction.
- Timing and sequencing of construction during lower demand periods.
- State Land grazing access and security.
- Coordination and access through the car dealership.
- Limited access to site and spoiling of excavated material.
- Coordination with Prescott Canyon Estates HOA.
- Temporary Construction Easements

City Liability and Risk Assessment

- Water loss and disruption of service to the city in the event of a failure.

Preliminary Design Deliverables

1. **Project Kick-Off Meeting.** The Engineer will be required to attend a kick-off meeting with City staff at a time and on a date amenable to both parties. At that meeting, the Engineer will be required to provide a detailed design schedule, a list of the team members who will be involved in the project, along with their phone numbers and e-mail addresses, an organization chart showing the relationship of all of the team members and any submittals required contractually.
2. **Design Schedule.** The Engineer will be required to submit a detailed schedule depicting all major tasks and primary submittal dates for approval by the City. Thereafter, the Engineer shall submit monthly project schedule updates in the same format and shall highlight and provide justification for any changes to the approved schedule. The Engineer shall include 3 weeks for each of the City review periods.
3. **Public Meetings.** The Engineer will be required to attend and conduct 1 public meeting. This meeting will be scheduled (tentatively) to correspond with the completion of the 90% plans. The meeting will be for the purpose of informing the public about the final design.

Formats for individual meetings will be decided as scheduling of the meetings are determined. The Engineer shall prepare a newsletter publication for each public forum. The City shall be responsible for printing of such newsletters. The Engineer and the City will participate in the public meeting and help the attendees understand the project, its limitations, the options considered, and other project aspects.

Following the meeting, The Engineer shall meet with City staff to review the outcomes and will prepare the final pre-design report. This report will present the design that is to be carried out and will summarize the analyses and communications that led to the decisions.

4. **Preliminary Design Report and Preliminary Construction Cost Estimate.** Within 60 days of entering into a contract with the City of Prescott, the Engineer will be required to provide a set of preliminary alignment plans, a preliminary design report with major infrastructure components sized and a preliminary cost estimate. An analysis of alternate design considerations shall be included in this submittal.
5. **Utility Review.** Concurrent with submittal to the City of the 30% design, the Engineer shall submit copies to the private utility companies (electric, cable, telephone, gas) for their comments and/or clearance letters. The Engineer will provide to the City copies of each of the transmittal letters to each of the utilities. If necessary, a meeting will be held between the Engineer and reviewing agencies to discuss the conceptual plan and construction scheduling. Based upon input from the 30% plans, the Engineer shall submit a revised design completion schedule.
6. **Utility Potholing.** Based on the results of utility research, the need for utility potholing to establish existing horizontal and vertical locations of utilities will be established. The City

will provide utility potholing by way of a third party contractor. The consultant shall incorporate the findings of the utility potholing into the plans and design.

7. **Geotechnical Investigation and Recommendations.** A geotechnical report will be prepared to identify subsurface conditions and need for any special equipment for excavation. Two (2) to Six (6) soil borings per street up to eight (8) feet in depth will be performed and a geotechnical report will be prepared. Findings in the geotechnical report will be incorporated into the design and specifications.
8. **Preparation of Preliminary (30%) Design.** The conceptual design shall identify existing conditions including: right-of-way and easements; topography; benchmarks; adjacent property lines; existing pavement limits; proposed plan and profile pipe alignments; and all utilities (ie. electric, gas, fiber, water, sewer, effluent, and storm drain) located within the project limits. The conceptual design shall further identify any required additional easements/right-of-way; all existing water meters, water valves, sewer manholes and cleanouts and any other utility fixture or potential utility conflict, and any other efforts required to design and construct a quality product. The design submittal shall include a detailed construction cost estimate.

In generating the specifications, the Engineer shall adhere to the City's boilerplate for Technical Specifications unless conditions require Special Provisions. All bid items shall be addressed in the Technical Specifications or Special Provisions. Items not required for the project shall be deleted from the text. Any deviation(s) from the boilerplate shall be brought to the City's attention.

9. **Preparation of Preliminary (60%) Design.** Review comments shall be solicited, received and addressed by the Engineer. Utility conflicts that were identified from the Utility Review shall be addressed with a detailed approach for mitigation of these conflicts and coordination with respective utility companies.
10. **Preparation of Pre-Final (90%) Plans, Specifications, and Estimate for Submittal to City and Utility Companies.** Final review comments shall be solicited, received, and addressed by the Engineer.
11. **Regulatory Agency Review.** It shall be the responsibility of the Engineer to prepare the application, plans, specifications, and design report for submittal by the City to ADEQ for review, respond to comments and obtain the "Approval to Construct". Any review fees assessed by the regulatory agency will be paid by the City. It will be the responsibility of the Engineer to include estimated time frames for the reviewing agency in the schedule.
12. **Preparation of Easement Legal Descriptions and Map/Drawings.** The Engineer shall prepare all legal descriptions, maps, and obtain all pertinent title reports for the acquisitions of additional easements required, if any, to construct the proposed improvements. In the event additional easements are needed to construct the project, the Engineer shall provide two (2) originals of detailed legal descriptions and maps/drawings, both stamped by a Registered Land Surveyor. The Engineer may be required to accompany the City (or their representative) at meeting(s) held with the respective property owner(s) to explain the need for the taking and its affect on the property. The Engineer will not be required to negotiate

with the pertinent property owners for the acquisitions of any of the required easements. A final easement map (record of survey) will be required which indicates new permanent easements required. The additional easements shall be staked prior to meetings with property owners.

13. **Pre-Final (90%) Design Meeting.** A meeting will be held between the Engineer and the City to discuss any revisions or additional work required for generation of final (100%) plans and specifications.
14. **Final Concept Stakeholder/Public Meeting.** The final public meeting will be to present the final project plans. Formats for individual meetings will be decided as scheduling of the meetings are determined. The Engineer shall prepare a newsletter publication for each public forum. The City shall be responsible for printing of such newsletters. The Engineer and the City will participate in the public meeting and help the attendees understand the project, its limitations, the options considered, and other project aspects.
15. **Preparation of Final (100%) Plans, Specifications, Design Report, Bid Schedule and Engineers Estimate.** The final plans shall be prepared incorporating any adjustments or corrections made during the review of the pre-final plans. A set of final reproducible plans shall be provided on 3 mil Mylar and on disk (compatible with AUTOCAD *.DXF). A hard copy and disk of specifications, bid schedule, and engineers estimate, shall be submitted (compatible with Microsoft Word). Plans shall not be considered final until ADEQ “Approval to Construct” is acquired. The Engineer will only be responsible for the technical provisions portion of the specifications, bidding schedule, and engineer’s estimate. The City will prepare the formal contract documents.
16. **Construction Pre-Bid Meeting.** The Engineer shall attend the construction pre-bid meeting held by the City of Prescott to answer questions from prospective bidders. In the event an addendum is required, the Engineer shall prepare the necessary changes to the plans and specifications.
17. **Pre-Construction Meeting.** The Engineer shall attend the pre-construction meeting held by the City of Prescott to answer questions from the construction contractor. The Engineer shall be prepared to address any design questions presented by the contractor.
18. **Monthly Progress Meetings.** In addition to those meetings indicated above, the Engineer shall meet monthly with the City to discuss the project status and any pertinent issues.
19. **Benchmarks.** The Engineer will be responsible for finding or setting sufficient temporary benchmarks in the field to allow the project to be constructed in accordance with the design. Permanent benchmarks may be included in some projects.
20. **Provision of Post-Design Consultation Services.** The Engineer will be retained to provide consultation assistance during construction, relative to questions pertaining to their design. Construction meeting attendance, technical submittals, RFI’s, as-built coordination and preparation, quality assurance/control, project closeout, certification, and other construction phase engineering services shall be anticipated functions of the engineer of record.

21. **Meeting Minutes.** The Engineer shall be responsible for recording and preparing accurate minutes from all meetings involved with the project. A hard copy and disk of the minutes shall be submitted to the Public Works Department. The disk must be compatible with Microsoft Word.

Miscellaneous Other Deliverables

- Technical Design Reports (ie. Drainage, Water, and Structural Reports)
- SWPPP Plan
- Erosion and Sediment Control Plans
- Hydraulic Analysis to evaluate head, flow and operational abilities, etc.

Post-Design Construction Services

- Submittal / RFI reviews
- As-Built surveying and final mylar preparation; As-built certification
- Attending construction meetings
- Completion of Engineers Certificate of Completion (ECC)
- Construction to be managed and inspected by City personnel. Consultant to be retained as Engineer of Record during construction phase.

Major Milestones

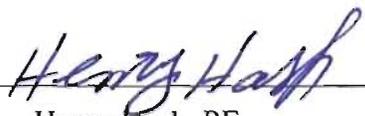
<u>Milestone</u>	<u>Tentative Date</u>
Advertise RFP/RSOQ	May, 2016
Award Design Contract(s)	July, 2016
Survey complete	TBD
Preliminary Design Report Complete	TBD
30% Design Complete	TBD
60% Design Complete	TBD
90% Design Complete	TBD
R/W Easements Complete	TBD
100% Plans and Specs complete	TBD
Bid Award	TBD
Begin Construction	TBD
Construction Complete	TBD
Project Close-out Complete	TBD

Approvals

Utilities Manager:  Date 5-10-16
Craig Dotseth

Program Development Manager:  Date 5-10-16
Stephen Orosz, PE

City Engineer:  Date 5-10-16
Charles Andrews, PE

Public Works Director:  Date 5-11-16
Henry Hash, PE

City of Prescott
CIP Design Submittal Requirements

In order to maintain a consistent and effective review of the plans, it is important for the necessary information to be provided as follows:

30% Submittal

1. Preliminary water design report
2. Preliminary drainage design report
3. Preliminary geotechnical report
4. Preliminary pavement recommendations
5. Aerial photograph with catch points & preliminary right-of-way superimposed (1:50) scale
6. Preliminary plan & profile for all required facilities – road, water, storm sewer
7. Preliminary catch points
8. Alternative drainage analysis, conceptual drainage layout
9. Conceptual wall locations
10. Conceptual storm water control facility location
11. Preliminary land acquisition estimate
12. Preliminary utility conflicts and relocations (dry & wet utilities)
13. Preliminary typical sections
14. Preliminary erosion control sheets
15. Total Estimated Quantities and Engineer's Estimate
16. Value Engineering Study (projects > 1 million or State or Federal funding)

60% Submittal

1. Draft final water design report
2. Draft final drainage design report
3. Draft final geotechnical report
4. Preliminary structural design report
5. Final pavement recommendations
6. Preliminary pavement mix design
7. Final plan & profile for all required facilities – road, water, storm sewer
8. Final Intersection horizontal layout (including curb return and curb ramp info.)
9. Draft final wall locations – Plan & Profile
10. Catch points
11. Draft final drainage layout including pipe profiles
12. Updated utility locations/relocations
13. R/W purchase plans, contact summary – including property owners for water, sanitary,
14. Roadway typical sections
15. Preliminary detail sheets
16. Draft construction notes
17. Erosion control plan sheets
18. Cross Section sheets
19. Draft Specifications, Special Provisions, including landscape requirements and slope stabilization
20. Total Estimated Quantities and Engineer's Estimate
21. Variance modification requests (as required)

90% Submittal

1. Final water design report
2. Final drainage design report
3. Final geotechnical report
4. Final structural design report
5. Final pavement recommendations
6. Final pavement mix design
7. Final plan & profile for all required facilities – road, water, storm sewer
8. Final Intersection horizontal layout (including curb return and curb ramp info.)
9. Final wall locations – Plan & Profile
10. Catch points
11. Final drainage layout including pipe profiles
12. Final utility locations/relocations
13. Roadway typical sections
14. Final detail sheets
15. Final construction notes
16. Final Erosion control plan sheets
17. Final Cross Section sheets
18. Final Specifications and Special Provisions
19. Total Estimated Quantities and Engineer's Estimate
20. Submit plans to all agencies required for permitting

Final P.S. & E

1. Final Civil plans (Mylar & Digital)
2. Submittal of all final Technical reports
3. Final Technical Specifications and Special Provisions
4. Final Total Estimates Quantities and Engineer's Estimate
5. Approved permits (DEQ, COE, etc.)

Definitions

Conceptual: General design idea or plan based upon experience and judgment from other comparable work. cursory plan view illustrations; calculations not required.

Preliminary: Introductory, but reasonably accurate, design element or feature. General consistency with design standards. Plan view illustration. Rough calculations and notes. First run models.

Final: Complete and ultimate design element or feature. Full consistency with design standards (or road modifications). Complete plan, profile and section views, as applicable. Thorough and complete engineering calculations and notes. Finished run models.

Alternative analysis: Study of all (at least two) viable options which satisfies a given transportation plan or design need. Analysis to include, but not limited to, comparisons of: safety, scope, cost, functionality, efficiency, compliance to standards and environmental effects.



Professional Services Agreement

Zone 56 1.5 MG Water Tank & Piping Project Contract #**

WHEREAS, the City of Prescott (hereinafter referred to as “City”) is in need of certain services; and

WHEREAS, the City has solicited Requests for Qualifications in accordance with State Law; and

WHEREAS, ** (hereinafter referred to as “Professional”), has expertise in providing design services.

NOW, THEREFORE, IN CONSIDERATION OF THE COVENANTS HEREIN CONTAINED, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each party to the other, it is hereby agreed as follows:

1. That Professional shall provide the services to the City in relation to the Zone 56 1.5 MG Water Tank & Piping Project as indicated in Exhibit “A” (Request for Statements of Qualifications and Scope of Work, Task and Fee Estimate, and Project Schedule) and as requested by the City of Prescott Public Works Director.
2. In addition to those services identified in Paragraph 1 above, the Professional shall also perform all subordinate tasks not specifically referenced in Paragraph 1, but necessary to the full and effective performance of the tasks specifically referenced.
3. The Professional shall provide sufficient qualified personnel to perform any and all services as required herein, including but not limited to inspections and preparation of reports, as reasonably requested by representatives of the City.
4. All services identified in Paragraphs 1 and 2 above shall be completed to the satisfaction of the City and shall be performed in compliance with the Professional's project schedule identified in the attached Exhibit “A”.
5. The term of this Agreement shall be ** to **.
6. Notwithstanding the foregoing, this Agreement may be terminated by either party upon ten (10) days written notice, with or without cause or upon completion of services. If this Agreement is terminated, the Professional shall be paid for authorized services satisfactorily performed to the date of the Professional's receipt of such termination notice.
7. It is agreed by and between the parties that this Agreement incorporates the attached Exhibit “A” thereto as a part of this Agreement, and that the terms thereof shall be binding between the parties.

8. Pursuant to A.R.S. § 38-511, the City may cancel this Agreement, without penalty or further obligation, if any person significantly involved in initiating, negotiating, securing, drafting or creating the Agreement on behalf of the City is, at any time while the Agreement or any extension of the Agreement is in effect, an employee or agent of any other party to the Agreement in any capacity or a Professional to any other party of the Agreement with respect to the subject matter of the Agreement. In the foregoing event, the City further elects to recoup any fee or commission paid or due to any person significantly involved in initiating, negotiating, securing, drafting or creating this Agreement on behalf of the City from any other party to the Agreement arising as a result of this Agreement.
9. Any notices to be given by either party to the other must be in writing, and personally delivered or mailed by prepaid postage, at the following addresses:

Public Works Director	**
City of Prescott	**
433 N. Virginia Street	**
Prescott, AZ 86301	**

10. It is expressly agreed and understood by and between the parties that the Professional is an independent Contractor, and, as such, Professional shall not become a City employee, and is not entitled to payment or compensation from the City, or to any fringe benefits to which other City employees are entitled. As an independent Contractor, Professional further acknowledges that it is solely responsible for payment of any and all income taxes, FICA, withholding, unemployment insurance, or other taxes due and owing any governmental entity whatsoever as a result of this Agreement. As an independent Contractor, Professional further agrees that it will conduct itself in a manner consistent with such status, and that it will neither hold itself out nor claim to be an officer or employee of the City by reason thereof, and that it will not make any claim, demand or application to or for any right or privilege applicable to any officer or employee of the City, including, but not limited to, worker's compensation coverage, unemployment insurance benefits, social security coverage, or retirement membership or credit.
11. This Agreement is non-assignable by the Professional unless by sub-contract, as approved in advance by the City.
12. (A) The City shall pay to Professional a total sum of ** dollars and no cents (\$**) for all services specified in Sections 1 and 2 of this Agreement, as specified in Exhibit "A".
 (B) The foregoing sum includes payment for any and all services to be rendered by Professional or sub-contractors, which the Professional may employ for this Contract. It is expressly agreed by and between the parties that the Professional is solely responsible for any and all payment to such any other professionals or sub-contractors retained by the Professional.
 (C) Payment of the total amount provided for under Section 12 (A) shall not relieve Professional of its obligation to complete the performance of all those services specified in Sections, 1, 2, and 3. Should the City request in writing additional services beyond that specified in Sections 1, 2, and 3, then Professional shall charge and City shall pay Professional in accordance with Exhibit "A".

(D) Prior to the final payment to the Professional, the City shall deduct therefrom any and all unpaid privilege, license and other taxes, fees and any and all other unpaid monies due the City from the Professional, and shall apply to those monies to the appropriate accounts. Professional shall provide to the City any information necessary to determine the total amount(s) due.

(E) The Professional shall bill the City monthly for the fee due the Professional, based upon an hourly rate for work completed for each itemized task pursuant to this Agreement and Exhibit "A" during the billing period. City shall pay such billings within thirty (30) days of the date of their receipt.

13. This Agreement is the result of negotiations by and between the parties. Although it has been drafted by the Prescott City Attorney, it is the result of negotiations between the parties. Therefore, any ambiguity in this Agreement is not to be construed against either party.
14. This Agreement shall be construed under the laws of the State of Arizona.
15. All work products of the Professional for this Project are instruments of service for this Project only and shall remain the property of the City whether the Project is completed or not. All plans, drawings, specifications, data maps, studies and other information, including all copies thereof, furnished by the City shall remain the property of the City. They are not to be used on other work, and, with the exception of this Agreement, are to be returned to the City on request or at the completion of the work.
16. The parties hereto expressly covenant and agree that in the event of a dispute arising from this Agreement, each of the parties hereto waives any right to a trial by jury. In the event of litigation, the parties hereby agree to submit to a trial before the Court. The Professional further agrees that this provision shall be contained in all sub-contracts related to the project, which is the subject of this Agreement.
17. The parties hereto expressly covenant and agree that in the event of litigation arising from this Agreement, neither party shall be entitled to an award of attorney fees, either pursuant to the Agreement, pursuant to A.R.S. § 12-341.01(A) and (B), or pursuant to any other state or federal statute, court rule, case law or common law. The Professional further agrees that this provision shall be contained in all sub-contracts related to the project, which is the subject of this Agreement.
18. This Agreement represents the entire and integrated Agreement between the City and the Professional and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both the City and the Professional. Written and signed amendments shall automatically become part of the Agreement, and shall supersede any inconsistent provision therein; provided, however, that any apparent inconsistency shall be resolved, if possible, by construing the provisions as mutually complementary and supplementary.
19. In the event any provision of this Agreement shall be held to be invalid and unenforceable, the remaining provisions shall be valid and binding upon the parties. One or more waivers by either party of any provision, term, condition or covenant shall not be construed by the other party as a waiver of a subsequent breach of the same by the other party.

20. The Professional hereby agrees to indemnify and hold harmless the City, its departments and divisions, its employees and agents, from any and all claims, liabilities, expenses or lawsuits as a result of the Professional's negligent acts, errors, or omissions, pursuant to this Agreement, except to the extent said claims, liabilities, expenses or lawsuits arise by the negligent acts or omissions of the City or his/her agents. The Professional further releases and discharges the City, its departments and divisions, its agents and employees, and any and all persons legally responsible for the acts or omissions of the City, from any and all claims which the Professional has or may have against the City, its agents or employees, arising out of or in any way connected with the Professional's activities as set forth below, other than those acts which occur due to the negligence of the City, its employees or agents.
21. No oral order, objection, claim or notice by any party to the other shall affect or modify any of the terms or obligations contained in this Agreement, and none of the provisions of this Agreement shall be held to be waived or modified by reason of any act whatsoever, other than by a definitely agreed waiver or modification thereof in writing. No evidence of modification or waiver other than evidence of any such written notice, waiver or modification shall be introduced in any proceeding.
22. (A) Changes in Work: The City, without invalidating the Contract, may order extra work, make changes by altering, or delete any portion of the work as specified herein, or as deemed necessary or desirable by the Public Works Director. All such work shall be executed under the conditions of the original Contract except that any claim for extension of time and additional cost caused thereby shall be made at the time of ordering such change or extra work.
- (B) Extra work shall be that work not indicated or detailed on the Scope of Work and not specified. Such work shall be governed by all applicable provisions on the Contract Document.
- (C) In giving instructions, the Public Works Director shall have authority to make minor changes in the work, not involving extra cost, and not inconsistent with the purposes of the work. No extra work or change shall be made unless in pursuance of a written order by the Public Works Director and no claim for an addition to the total amount of the Contract shall be valid unless so ordered.
- (D) Payment for any change ordered by the Public Works Director which involves work essential to complete the Contract, but for which no basis of payment is provided for herein, shall be subject to agreement prior to said work being performed.
- (E) Adjustments to price and/or Contract Time which are agreed upon shall be incorporated in the written order issued by the Public Works Director, which shall be written so as to indicate acceptance on the part of the Professional as evidenced by its signature. In the event prices cannot be agreed upon, the City reserves the right to terminate the Contract as it applies to the items in question and make such arrangements as it may deem necessary to complete the work, or it may direct the Professional to proceed with the items in question to be reimbursed pursuant to the unit prices in the Professional's fee proposal.
- (F) If the Professional claims that any instructions involve extra cost under this Contract, it shall give the Public Works Director written notice thereof within forty-eight (48) hours after

the receipt of such instructions, and in any event before proceeding to execute the work. No such claim shall be valid unless so made. The Professional shall do such extra work therefore upon receipt of an accepted Contract Amendment or other written order of the Public Works Director and in the absence of such Contract Amendment or other written order of the Public Works Director, the Professional shall not be entitled to payment for such extra work. In no case shall work be undertaken without written notice from the Public Works Director to proceed with the work. All Contract Amendments must be approved by the Public Works Director. Contract Amendments over \$10,000.00 must be approved by City Council.

23. (A) The Professional shall obtain and maintain in effect during the term of, and until final acceptance of all work under this Agreement, a policy or policies of liability insurance with the following coverage:

1) Commercial General Liability – Occurrence Form (if applicable)

Policy shall include bodily injury, property damage, personal injury, broad form contractual liability, and XCU coverage.

General Aggregate	\$ 2,000,000
Products – Completed Operations Aggregate	\$ 2,000,000
Personal and Advertising Injury	\$ 1,000,000
Each Occurrence	\$ 1,000,000
Fire Legal Liability (Damage to Rented Premises)	\$ 100,000

The policy shall be endorsed to include the following additional insured language:

“The City of Prescott shall be named as an additional insured with respect to liability arising out of the activities performed by, or on behalf of the Professional.”

2) Professional Liability (Errors and Omissions Liability)

Each Claim	\$ 1,000,000
Annual Aggregate	\$ 2,000,000

In the event that the professional liability insurance required by this Contract is written on a claims-made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract and that either continuous coverage will be maintained or an extended discovery period will be exercised for a period of two (2) years at the time work under this contract is completed.

The policy shall cover professional misconduct or lack of ordinary skill for those positions defined in the Scope of Work of this contract.

3) Business Automobile Liability (if applicable) Bodily Injury and Property Damage for any owned, hired, and/or non-owned vehicles used in the performance of this Contract.

Combined Single Limit (CSL)	\$ 1,000,000
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(B) City and Professional waive all rights against each other and their directors, officers, partners, commissioners, officials, agents, sub-contractors and employees for damages covered by property insurance during and after completion of the Services.

(C) All insurance required pursuant to this Agreement must be written by an insurance company authorized to do business in the State of Arizona, to be evidenced by a Certificate of Authority as defined in ARS § 20-217, a copy of which certificate is to be attached to each applicable bond or binder.

(D) Prior to commencing work under this Agreement, the Professional shall provide City with evidence that it is either a “self-insured employer” or a “carrier insured employer” for Workers’ Compensation as required by ARS 23-901 et seq., or that it employs no persons subject to the requirement for such coverage.

(E) Notice of Cancellation: With the exception of a ten (10) day notice of cancellation for non-payment of premium, any changes material to compliance with this contract in the insurance policies above shall require a thirty (30) day written notice.

(F) Acceptability of Insurers: Insurance is to be placed with insurers with a current A.M. Best’s rating of no less than A-VII, unless otherwise approved by the City of Prescott Risk Management Division. All insurance is to be placed with an insurer admitted in the state in which operations are taking place.

(G) Verification of Coverage: Professional shall furnish the City with certificates of insurance (ACORD form or equivalent approved by the City) as required by this Contract. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. Please note the contract number on the Certificate.

24. The Professional, with regard to the work performed by it after award and during its performance of this contract, will not discriminate on the grounds of race, color, national origin, religion, sex, disability or familial status in the selection and retention of sub-contractors, including procurement of materials and leases of equipment. The Professional will not participate either directly or indirectly in the discrimination prohibited by or pursuant to Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Section 109 of the Housing and Community Development Act of 1974, the Age Discrimination Act of 1975, the Americans With Disability Act (Public Law 101-336, 42 U.S.C. 12101-12213) and all applicable federal regulations under the Act, and Arizona Governor Executive Orders 99-4, 2000-4 and 2009-09 as amended.

25. Professional Immigration Warranty

Professional understands and acknowledges the applicability to it of the Americans with Disabilities Act, the Immigration Reform and Control Act of 1986 and the Drug Free Workplace Act of 1989. The following is only applicable to construction contracts: The Professional must also comply with A.R.S. § 34-301, “Employment of Aliens on Public Works Prohibited”, and A.R.S. § 34-302, as amended, “Residence Requirements for Employees”.

Under the provisions of A.R.S. § 41-4401, Professional hereby warrants to the City that the Professional and each of its sub-contractors (“Sub-contractors”) will comply with, and are contractually obligated to comply with all Federal Immigration laws and regulations that relate to their employees and A.R.S. § 23-214(A) (hereinafter “Professional Immigration Warranty”).

A breach of the Professional Immigration Warranty shall constitute a material breach of this Contract and shall subject the Professional to penalties up to and including termination of this Contract at the sole discretion of the City.

The City retains the legal right to inspect the papers of any Professional or Sub-contractors' employee who works on this Contract to ensure that the Professional or Sub-contractor is complying with the Professional Immigration Warranty. Professional agrees to assist the City in regard to any such inspections.

The City may, at its sole discretion, conduct random verification of the employment records of the Professional and any of Sub-contractors to ensure compliance with the Professional Immigration Warranty. Professional agrees to assist the City in regard to any random verification performed.

Neither the Professional nor any Sub-contractor shall be deemed to have materially breached the Professional Immigration Warranty if the Professional or Sub-contractor establishes that it has complied with employment verification provisions prescribed by Sections 274A and 274B of the Federal Immigration and Nationality Act and the E-Verify requirements prescribed by A.R.S. § 23-214, Subsection A.

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

26. Professional shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily possessed and exercised by a professional under similar circumstances.
27. Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than the City and Professional.
28. In the event of a discrepancy between this Agreement and Exhibit "A", this Agreement shall control over Exhibit "A".
29. **Non-Availability of Funds:** Fulfillment of the obligation of the City under this Agreement is conditioned upon the availability of funds appropriated or allocated for the performance of such obligations. If funds are not allocated and available for the continuance of this Agreement, this Agreement may be terminated by the City at the end of the period for which the funds are available. No liability shall accrue to the City in the event this provision is exercised, and the City shall not be obligated or liable for any future payments as a result of termination under this paragraph.

Dated this _____ day of _____, 2016.

City of Prescott, a municipal corporation:

PROFESSIONAL:

Harry B. Oberg

**

By: _____

Title: _____

ATTEST:

APPROVED AS TO FORM:

Dana R. DeLong, City Clerk

Jon M. Paladini, City Attorney

SAMPLE