EXHIBIT A – SCOPE OF WORK

City of Douglas

5 Million Gallon (MG) Reservoir Roof Rehabilitation Design and Storage Evaluation

October 21, 2025

INTRODUCTION

This Scope of Work describes the professional engineering services to be provided by Carollo Engineers (Consultant) for assisting the City of Douglas (City) with the 5 Million Gallon (MG) Reservoir Roof Rehabilitation Design and Storage Evaluation (Project).

The City water system includes a 5 MG below-grade concrete reservoir located northeast of the regional airport, with an 18-inch cement mortar-lined concrete cylinder pipe transmission main approximately 1 mile long connecting the reservoir to the City's upper pressure zone. The reservoir and pipeline provide access to the majority of the City's stored water, and the water system cannot function properly without these facilities in service. The reservoir and transmission main were constructed in approximately 1962. Since the original construction, no significant structural modifications have been made to the reservoir. Given the age of the facilities, the City desires to develop a plan for rehabilitation of the reservoir roof in two stages.

The City has requested the services of the Consultant to review an assessment (completed by others) of the reservoir, provide an engineering review of structural elements, and provide design of specific repairs to be completed in two stages, as well as to complete a water system evaluation of storage requirements. This Scope of Work describes the professional engineering services to be provided by the Consultant to assist the City with these assessments and designs. Any scope required for engineering services during construction or other services will be provided separately. The services shall include adequate quality assurance/quality control reviews to produce construction documents consistent with industry standards, and which are suitable for obtaining a contractor's cost proposal and subsequently building the improvements.

SCOPE OF SERVICES

The Project Scope of Work includes the following major tasks:

- Task 1 – Project Management and Meetings.
- Task 2 – Reservoir Condition Assessment and Recommendations.
- Task 3 – Interim Roof Repair Design.
- Task 4 – Reservoir Roof Replacement.
- Task 5 – Storage Evaluation.

TASK 1 – PROJECT MANAGEMENT AND MEETINGS

The scope associated with this task includes:

- Kick-off meeting and coordination calls (virtual meetings via Microsoft Teams or similar) will be scheduled as necessary for the Project duration (assumed to be 7 months) with the City and other members of the team. Up to 11 meetings are assumed.
- Consultant will prepare and distribute agendas and meeting materials as required. Consultant will document action items and decisions as part of the meeting minutes and coordination calls as required.
- Consultant will perform quality assurance/quality control (QA/QC) reviews of deliverables in this Scope of Work prior to their submittal to the City.
- Consultant will retain and coordinate with the subconsultant, consisting of an instrumentation and controls (I&C) engineer, as required for the design of replacement reservoir control system elements.
- Consultant will manage professional services and subconsultants to provide efficient completion of the Project. Consultant will prepare and submit monthly invoices and associated progress reports to the City.
- Project administration activities, including budget management, schedule management, and preparation of monthly invoices and status update reports.

DELIVERABLES

- Attendance at up to seven kick-off/monthly progress meetings and four additional meetings at the request of the City.
- Meeting agendas and meeting notes with key outcomes, decisions, and action items for meetings run by the Consultant (electronic portable document format [PDF]).
- Monthly invoices and status update reports.
- Baseline schedule and monthly schedule updates.

TASK 2 – RESERVOIR CONDITION ASSESSMENT AND RECOMMENDATIONS

Task 2 will consist of reviewing existing data and reports, conducting an engineering site visit and visual evaluation of current conditions in order to provide a summary of the reservoir condition and list short and long term recommendations for repair and rehabilitation.

The reservoir is a 5 MG circular below-grade structure with a hopper bottom, which is buried approximately 20 feet deep and has 1.5-foot vertical to 1-foot horizontal sloped sides. The perimeter ring wall is cast-in-place reinforced concrete. The reservoir is covered with a corrugated metal roof supported by a galvanized steel framework of girders and purlins supported on concrete columns. The reservoir is currently in its original condition and has not been upgraded since its initial construction.

The Consultant will review available water flow and quality data, along with the results of a recent dive inspection performed in July 2025 by Arizona Commercial Diving Services.

Tasks associated with the Consultant's site inspection will include:

- Review available City documentation regarding the reservoir, including water levels, flows, chlorine residual data, and prior inspection and maintenance reports.
- Travel to and from the site for inspections, along with lodging and meals.
- Exterior site civil inspection, including fencing and access roads.
- Reservoir exterior visual structural inspection of roof and ring wall.
- Reservoir interior visual structural inspection of the roof structure and guy wires from a boat.
- I&C subconsultant site visit concurrent with Civil Engineers' visit to inspect instrumentation items for design.
- Photo and video documentation of the above-referenced items by the Consultant.

It would be typical for a secondary, more detailed inspection of roof structural connections to be conducted during construction when the roof is removed, and to evaluate side slope stability and void/subsidence issues that can best be detected after the reservoir is drained. As such, investigation of these items must be deferred until the construction phase.

Additionally, inspection of the reservoir interior requires confined space supervision from a local contractor familiar with such practices. This includes an entry supervisor, hole watch and backup, along with supply of air monitoring equipment, harnesses, and extraction tripod for one day. The City is responsible for contracting the required confined space entry permitting and oversight, and the Consultant will coordinate with the selected contractor. Consultant will provide a scope of work to the City for their use in procuring the required contractor services.

The assessment phase and deliverables will include the following:

- Compiling data and observations obtained during prior inspections and proposed site visit.
- Preparing draft and final engineering technical memorandum (TM), including the following:
  - Summary of inspection results, current reservoir condition, and noted issues.
  - Recommendations for remediation of the reservoir roof and supporting structure.
  - Evaluation and recommendations for liner addition.
  - Evaluation and discussion of secondary items, including potential chemical feed, ventilation, trihalomethane mitigation options, and site upgrades.
  - Electrical, I&C observations, issues, and recommendations.
  - Preliminary American Association of Cost Engineering (AACE) Class 5 cost estimates for the recommended items.
- The assessment TM will include preliminary drawings for potential roof replacement, along with any recommended structural modifications. The TM will also include recommendations for future upgrades as determined by the assessment, such as mixing. Preliminary drawings and representative equipment cut sheets will be provided for these items, but not specifications.
- Consultant will perform QA/QC reviews of the engineering report prior to submittal to the City.
- Schedule assumes a 2-week City review and comment period prior to finalizing the report, along with one 1-hour online review meeting (included in Task 1).

- Comments on the preliminary TM will be tracked in a comment response log, and responses will be documented and provided to the City.
- TM will be finalized, addressing City comments.

DELIVERABLES

- Site visit documentation, photos, and videos.
- Preliminary Reservoir Condition Assessment TM with preliminary drawings (PDF).
- Final Reservoir Condition Assessment TM with preliminary drawings (PDF).

TASK 3 – INTERIM ROOF REPAIR DESIGN

Consultant will review the condition of the roof and prepare a brief TM summarizing the principal issues with the roof in its current condition and repair approach. Consultant will provide a brief design to replace or repair loose panels and seal roof against the weather in order to extend the life of the reservoir roof until a more extensive rehabilitation can be conducted. The design will include drawings, abbreviated specifications, materials cut sheets, and approximate quantities. It should be noted that the work for the interim roof repair design will need to be performed in a manner that does not require any persons to step onto the roof in any fashion, as the structure is not sufficient to allow pedestrian traffic. This restriction will be noted in the design documents. A preliminary drawing list for the Interim Roof Repair Design is included as Exhibit B-1.

DELIVERABLES

- Roof Condition TM with drawings, abbreviated specifications, materials cut sheets, and approximate quantities (PDF).

TASK 4 – STANDING SEAM ROOF ANALYSIS AND REPLACEMENT DESIGN

Consultant will prepare plans and specifications for a new standing seam roof. This effort will include both the replacement of the roof itself, as well as a structural analysis of the supporting framework and any upgrades which may be required. The structural analysis includes, but is not limited to, the following:

- Assessment of roof and existing purlin spacing, compared to requirements for roof connections, and the potential need for additional structural members.
- Assessment and potential replacement of corroded cross bracing.
- Assessment of structural connections within the supporting framework, as well as at the ringwall interior.
- Discussion with City regarding any required hatches or instruments which would require walkway access and subsequent structural framing.

The roof design will include demolition of the existing roof, roof replacement plan, and a series of details to include a center ridge vent, new gravity ventilators, edge terminations, walkways, and access hatches. Further, instrumentation replacements and upgrades will also be included, such as level transmitters, chlorine analyzers, and intrusion switches, along with the associated conduits and infrastructure required to support such modifications.

Consultant will provide construction drawings and specifications for the work. Drawings include the following:

- Reservoir site plan (requires site survey, to be completed by City).
- Demolition plans, sections, and details of the roof and any connections or members that require repair.
- Structural repair plans, sections, and details for any connections or members that require repair.
- Structural framing for additional components, which may be required, such as ventilators.
- New roofing plans and sections for layout of the overall roof.
- New roofing details for vents, hatches, walkways, etc.
- I&C design of replaced or new control instruments with the City's supervisory control and data acquisition system. Subconsultant scope of work is provided as Exhibit A-1.
- A preliminary drawing list for the Standing Seam Roof Replacement Design is included as Exhibit B-2.

Consultant will provide technical specifications for bidding to include the scope of work, material requirements for the roof, connections, structural components, and any coatings.

- The Reservoir Assessment TM (Task 2) provides the 30 percent basis of design, which will be used by the Consultant to progress the design plans and specifications.
- Consultant will provide 90 percent drawings and specifications for roof rehabilitation (PDF format).
- The City will have a 2-week review and comment period, followed by a 1-hour online review meeting.
- Comments on the 90 percent design will be tracked in a comment response log, and responses will be documented and provided to the City.
- The design documents will be updated, addressing City comments. Once complete, 100-percent construction drawings and specifications will be issued for construction (PDF format).
- The 100 percent design package will also include AACE Class 3 cost estimates for the roof rehabilitation in preparation for future bidding.
- Roof replacement design work is assumed to be maintenance and would not require Approval of Construction from Arizona Department of Environmental Quality.

DELIVERABLES

- 90-percent design plans and specifications (PDF).
- 100-percent design plans and specifications (PDF), ready for building safety permitting.

TASK 5 – STORAGE EVALUATION

The scope of Task 5 is to evaluate the water system storage volumes and elevations, and compare to City water demands and calculated storage capacity requirements, to develop recommendations regarding the storage approach that would allow the 5 MG reservoir to be taken out of service for roof replacement.

Consultant will coordinate with the City to gather data regarding the hydraulic grades and pressure zones associated with the existing and planned storage reservoirs within the water system. The Consultant will utilize this information along with existing water use data and planned development information to evaluate the need for secondary storage at the site in the future. A brief Draft and Final Water System Storage TM will be prepared to outline the data evaluated and provide recommendations for storage volume and the need for secondary storage facilities at the 5MG reservoir site that would allow the 5 MG reservoir to be taken out of service for roof replacement.

This preliminary analysis will include a limited evaluation of the City's water system's daily operation and future planning for purposes of evaluating storage requirements. This task will include coordination with the City regarding planning for known new development areas, including evaluation of the potential for use of existing or planned facilities to support future development. The evaluation will be performed based on demands and storage volumes, but will not include hydraulic modeling, nor would the TM constitute a master plan for the planning of water infrastructure for the addition of any development areas. A full water system master plan is recommended to thoroughly evaluate current and future demands and provide City-wide water system recommendations.

DELIVERABLES

- Draft and Final Water System Storage TM (PDF).

SCHEDULE

The preliminary project schedule is provided in Exhibit C. The schedule is based on an assumed notice-to-proceed date of November 20, 2025, and will be adjusted based on the actual notice-to-proceed date. It is understood that the available grant funding for the design requires that the project be completed in May 2026.

BUDGET

The budget estimate and billing rates for the planned services are presented in Exhibit D. To address potential unknowns and changes to scope, a $50,000 allowance is recommended and included in the fee estimate. The proposal assumes billing on a time and materials basis with a not-to-exceed amount of $539,928. Task line-item budgets are shown for estimating purposes only and do not represent individual not-to-exceed amounts. Actual expenditures for individual tasks will vary from task estimates.

SUPPLEMENTAL ENGINEERING SERVICES

Supplemental engineering services include specific work tasks that may be requested by the City that are not part of the planned engineering services under this work assignment. Scope, schedules, and fees for supplemental engineering services will be determined by negotiations between the City and the Consultant. Potential supplemental engineering services include the following:

- Design and specifications for elements other than the interim roof repairs.
- Bidding, construction, and post-construction phase services.
- Water system master plan.

PROJECT ASSUMPTIONS

The services delivered under this Scope of Work are subject to the following project assumptions:

- Project Delivery: The project delivery method is assumed to be design-bid-build.
- City-provided Information and Services: City will furnish the Consultant available studies, reports, and other data pertinent to the Consultant's services; obtain or authorize the Consultant to obtain or provide additional reports and data as required; and furnish to the Consultant services of others required for the performance of the Consultant's services. The Consultant will be entitled to use and rely upon all such information and services provided by the City or others in performing the Consultant's services under this Contract.
- Documents: Documents, including drawings and specifications prepared by the Consultant pursuant to this Contract, are not intended or represented to be suitable for reuse by the City or others for this Project or on any other project. Any reuse of completed documents or use of partially completed documents without written verification or concurrence by the Consultant for the specific purpose intended will be at the City's sole risk and without liability or legal exposure to the Consultant.
- Standard of Care: Consultant will complete the services required hereunder in accordance with the prevailing engineering standard of care by exercising the skill and ability ordinarily required of engineers performing the same or similar services, under the same or similar circumstances, in the State of Arizona.
- Access: City will arrange for access to and make all provisions for the Consultant to enter upon public and private property as required for the Consultant to perform services hereunder required for Consultant, subcontractors, and second-tier subcontractors to perform services hereunder.
- Participation and Schedule Support: City will participate in coordination meetings to facilitate the sharing of information, provide guidance, and respond to requests for information. City will provide timely review of deliverables in accordance with the project schedule. City will provide review comments on deliverables in writing within two weeks (10 working days) of delivery.

- Estimates and Projections: In providing opinions of cost, financial analyses, economic feasibility projections, schedules, and quantity and/or quality estimates for potential projects, Consultant has no control over cost or price of labor and material; unknown or latent conditions of existing equipment or structures that may affect operation and maintenance costs; competitive bidding procedures and market conditions; time or quality of performance of third parties; quality, type, management, or direction of operating personnel; the incoming water quality and/ or quantity; the way facilities are operated and/or maintained; and other economic and operational factors that may materially affect the ultimate project elements, including, but not limited to, cost or schedule. Therefore, Consultant makes no warranty that the City's actual project costs, financial aspects, economic feasibility, schedules, and/or quantities or quality realized will not vary from Consultant's opinions, analyses, projections, or estimates.
- Third Parties: The services to be performed by the Consultant are intended solely for the benefit of the City. No person or entity not a signatory to the Agreement shall be entitled to rely on the Consultant's performance of its services hereunder, and no right to assert a claim against the Consultant by assignment of indemnity rights or otherwise shall accrue to a third party as a result of the Agreement or the performance of the Consultant's services hereunder.

EXHIBIT A-1

JENSEN SCOPE AND FEE DATED JUNE 19, 2025

Est. 1988
Jensen Engineering, LLC
6525 East Willow Springs Lane
Cave Creek, Arizona 85331
(480) 595-9342
(480) 237-9723 Fax

June 19, 2025

Kara D. Festa, P.E.
Carollo Engineers, Inc.
4600 East Washington Street, Suite 500
Phoenix, AZ 85034

Re: City of Douglas Reservoir Rehab.

Dear Kara,

The following is our proposal to provide electrical engineering services for the electrical and instrumentation design for the rehabilitation of the existing 5MG Reservoir for the City of Douglas Arizona. Estimated scope of work is as follows:

1. Replace level monitoring equipment
2. 4 submersible mixers (PAX type)
3. Chlorine, pH analyzer with sample pump
4. Access, equipment/mix hatch intrusion switches/monitoring
5. Assess and replace existing power supply to the site.

Design Scope:

- One site visit to investigate the existing electrical installation.
- Design the power distribution for the new mixers and other equipment listed in this scope.
- Design new level controls for the reservoir to interface with the existing PLC.
- Design motor controllers for the four mixers. This includes power and control schematics.
- Design power and controls for the chlorination system with sample pump.
- Design new intrusion switches to be installed on the reservoir hatches.
- Design control schematics as required to modify the existing site PLC to connect the required signals for the level controls, mixers, intrusion switches and the chlorine equipment. We will need record drawings of the existing site PLC panel for our use.
  .

Deliverables:

Design Phase:

- Technical Electrical Specifications.
- Schematic Diagrams for the new level instruments, mixers, chlorination system and the revisions required to the existing plant RTU panel.

- Electrical site plans. Background drawing file in AutoCAD format to be developed by Carollo Engineers and delivered to Jensen for use in the preparation of the electrical site plans.
- Process and Instrumentation Diagrams.
- Single Line/Conduit Diagrams.
- Signed and sealed final PDF format drawings 24” X 36” size and CAD drawings in AutoCad 2024 format.
- One copy of submittal drawings and specifications at the 60%, 95%, 100%. All submittals will be provided electronically.

Reservoir Estimated Time:

• Site visit and investigation (drive time included)	12 hours
• Single line diagram	8 hours
• Conduit diagram	12 hours
• Site plans	10 hours
• Schematics	28 hours
• Details	2 hours
• Process and instrumentation diagrams	12 hours
• Cost estimating	4 hours
• Specifications	4 hours
• Coordination	4 hours

Total Estimated Hours: 96

We propose to perform this portion of work for the hourly rate of $215.00 with a cost not to exceed $20,640.00 for time allocated to performed work.

Items not included on this project:

- Any RTU, operator interface or controller program or software development.
- Blueprints or copying costs.
- Any radio path surveys.
- Construction Inspections.
- Any Construction administration services not shown above. Additional construction services may be added with a contract amendment.
- Arc Flash Studies or reports.

Thank you,
Sincerely,

Dale L. Jensen, P.E.

City of Douglas
October 21, 2025

EXHIBIT B-1

PRELIMINARY SHEET LIST – 5MG RESEROIR INTERIM ROOF REPAIRS

EXHIBIT B-1

CITY OF DOUGLAS

Water System Engineering Support

5MG RESERVOIR INTERIM ROOF REPAIRS

Preliminary Drawing List

Discipline	Drawing No.		Drawing Title
General			
	G	1	COVER SHEET, KEY MAP, & DRAWING INDEX
	G	2	SYMBOLS, ABBREVIATIONS, LEGEND, AND NOTES
	G	3	RESERVOIR SITE PLAN
Civil			
	C	1	RESERVOIR ROOF PLAN
	C	2	RESERVOIR SECTIONS
Process/Mechanical			
	M	1	RESERVOIR ROOF DETAILS 1

City of Douglas
October 21, 2025

EXHIBIT B-2

PRELIMINARY SHEET LIST – 5MG RESERVOIR ROOF REPLACEMENT

EXHIBIT B-2

CITY OF DOUGLAS

Water System Engineering Support

5MG RESERVOIR ROOF REPLACEMENT

Preliminary Drawing List

Discipline	Drawing No.		Drawing Title
General			
	G	1	COVER SHEET, KEY MAP, & DRAWING INDEX
	G	2	GENERAL NOTES
	G	3	LEGENDS, SYMBOLS, & ABBREVIATIONS
Demolition			
	D	1	RESERVOIR ROOF DEMOLITION PLAN
	D	2	RESERVOIR STRUCTURE DEMOLITION PLAN
	D	3	RESERVOIR STRUCTURE DEMOLITION SECTIONS
	D	4	RESERVOIR STRUCTURE DEMOLITION DETAILS
Civil			
	C	1	RESERVOIR SITE PLAN
	C	2	RESERVOIR ROOF REPLACEMENT PLAN
	C	3	RESERVOIR PURLIN PLAN
	C	4	RESERVOIR SECTIONS
Structural			
	S	1	GENERAL STRUCTURAL NOTES 1
	S	2	GENERAL STRUCTURAL NOTES 2
	S	3	PURLIN AND ROOF PLAN
	S	4	GIRDER FRAMING PLAN
	S	5	CONNECTION REPAIR DETAILS
	S	6	SECTIONS AND DETAILS
Process/Mechanical			
	M	1	RESERVOIR ROOF DETAILS 1
	M	2	RESERVOIR ROOF DETAILS 2
	M	3	ACCESS HATCH DETAILS
	M	4	TYPICAL DETAILS

City of Douglas
October 21, 2025

EXHIBIT C

TENTATIVE PROJECT SCHEDULE

EXHIBIT C
CITY OF DOUGLAS

5 MG RESERVOIR ROOF REHABILITATION AND STORAGE EVALUATION

TENTATIVE PROJECT SCHEDULE

ITEM	TASK	DURAT.	2025				2026					
			S	O	N	D	J	F	M	A	M	J
1	SUBMIT PROPOSAL	1 MO										
2	PROPOSAL REVIEW AND AWARD	1 MO										
3	PROJECT CONTRACT & NTP	1 MO										
4	TASK 1 - PROJECT MANAGEMENT AND MEETINGS	7 MO										
5	TASK 2 - RESERVOIR CONDITION ASSESSMENT AND RECOMMENDATIONS	2 MO										
6	TASK 3 - INTERIM ROOF REPAIR DESIGN	2 MO										
7	TASK 4 - STANDING SEAM ROOF ANALYSIS AND REPLACEMENT DESIGN	6 MO										
8	TASK 5 - WATER SYSTEM EVALUATION AND DESIGN	5 MO										

City of Douglas
October 21, 2025

EXHIBIT D

DESIGN HOUR AND FEE ESTIMATE

EXHIBIT D

CITY OF DOUGLAS

5 MG RESERVOIR ROOF REHABILITATION DESIGN AND STORAGE EVALUATION

BUDGET ESTIMATE

PHASE & TASK	DESCRIPTION	Labor												Subconsultants	Other Direct Costs	TOTAL BUDGET ESTIMATE
		Director - Engineer/Scientist/Arch/ Consultant	Principal Eng/Sci/Arch/ Consultant - III	Principal Eng/Sci/Arch/ Consultant/Designer - II	Principal Eng/Sci/Arch/ Consultant/Designer - I	Senior Project Eng/Sci/ Arch/Desig II	Senior Project Eng/Sci/ Arch/Desig I	Project Eng/Sci/Arch/Desig	Staff Eng/Sci/Arch/Desig	Eng/Sci/Arch/Desig	Project Assistant	Total Labor Hours	Total Labor Cost			
		$ 315	$ 279	$ 252	$ 229	$ 208	$ 188	$ 169	$ 149	$ 123	$ 109					
1	**Project Management and Meetings**	**10**	**60**	**0**	**0**	**24**	**84**	**24**	**0**	**0**	**12**	**214**	**$ 46,038**	**$ -**	**$ 1,000**	**$ 47,038**
1.1	Project Management (7 months)	5	40				60					105	$ 24,015			$ 24,015
1.2	Meetings (up to 11 meetings)	5	20			24	24	24			12	109	$ 22,023		$ 1,000	$ 23,023
2	**Reservoir Condition Assessment and Recommendations**	**14**	**110**	**0**	**120**	**95**	**130**	**90**	**0**	**0**	**40**	**599**	**$ 126,350**	**$ -**	**$ 3,000**	**$ 129,350**
2.1	Reservoir Site Inspection & Coordination	4	40		30	40	50	20				184	$ 40,390		$ 3,000	$ 43,390
2.2	Condition Assessment & Evaluation	2	30		30	15	30	20				127	$ 28,010			$ 28,010
2.3	Preliminary Memo	4	20		30	20	20	20			24	138	$ 27,626			$ 27,626
2.4	Final Memo (30% Design)	4	20		30	20	30	30			16	150	$ 30,324			$ 30,324
3	**Interim Roof Repair Design**	**12**	**30**	**0**	**40**	**60**	**60**	**70**	**0**	**0**	**20**	**292**	**$ 59,080**	**$ -**	**$ -**	**$ 59,080**
3.1	Roof Condition Assessment	4	10		10	20	20	20				84	$ 17,640			$ 17,640
3.2	Roof Condition Design	4	10		10	20	20	30			10	104	$ 20,420			$ 20,420
3.3	Roof Condition TM	4	10		20	20	20	20			10	104	$ 21,020			$ 21,020
4	**Standing Seam Roof Analysis and Replacement Design**	**32**	**56**	**170**	**150**	**110**	**130**	**160**	**0**	**0**	**130**	**938**	**$ 191,424**	**$ 20,640**	**$ 1,500**	**$ 213,564**
4.1	Roof Structural Analysis	8	16	40	30	20	20	40			10	184	$ 39,704			$ 39,704
4.2	Roof Structural Repair Design	8	16	40	50	20	30	40			10	214	$ 46,164			$ 46,164
4.3	Roof Elements Design	8	8	30	30	20	30	40			10	176	$ 36,832			$ 36,832
4.4	90% Design Plans/Specs	4	8	50	30	40	40	30			80	282	$ 52,592			$ 52,592
4.5	Final Design Plans/Specs (100%)	4	8	10	10	10	10	10			20	82	$ 16,132	$ 20,640	$ 1,500	$ 38,272
5	**Storage Evaluation**	**4**	**20**	**0**	**24**	**0**	**80**	**80**	**0**	**0**	**0**	**208**	**$ 40,896**	**$ -**	**$ -**	**$ 40,896**
5.1	Storage Evaluation	4	20		24		80	80				208	$ 40,896			$ 40,896
	TOTAL BUDGET ESTIMATE (EXCLUDING ALLOWANCES)	**72**	**276**	**170**	**334**	**289**	**484**	**424**	**0**	**0**	**202**	**2,251**	**463,788**	**20,640**	**5,500**	**489,928**
ALLOWANCES																
6.1	Design Allowance for Unknowns											0	-		50,000	50,000
	TOTAL ALLOWANCES	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$ -**	**$ -**	**$ 50,000**	**$ 50,000**
	TOTAL BUDGET ESTIMATE (WITH ALLOWANCES)	**72**	**276**	**170**	**334**	**289**	**484**	**424**	**0**	**0**	**202**	**2,251**	**$ 463,788**	**$ 20,640**	**$ 55,500**	**$ 539,928**

NOTES:

1. Compensation method is time and materials with a not-to-exceed amount of the Total Budget Estimate shown. Invoiced amounts will reflect actual labor, subconsultant costs, and expenses.
2. Task line item budgets are shown for estimating purposes only and do not represent individual not-to-exceed amounts. Actual expenditures for individual tasks will vary from the task estimates.