

Contract for Professional Engineering Services
City of Billings W.O. 12-16
INTEGRATED WATER PLAN IMPLEMENTATION
Water Distribution System Study

In consideration of the mutual promises herein, City of Billings and Morrison Maierle, Inc. agree as follows. This Contract consists of:

- Part I, consisting of 15 Sections of Special Provisions;
- Part II, consisting of 11 Sections of General Provisions;
- Appendix A consisting of 3 pages (Basic Services of Engineer);
- Appendix B consisting of 1 page (Methods and Times of Payment);
- Appendix C consisting of 1 page (Additional Services of Engineer);
- Appendix D consisting of 3 pages (Schedule of Professional Fees);
- Appendix E consisting of 1 page (Project Schedule);
- Appendix F consisting of 5 pages (Certificate(s) of Insurance)

PART I
SPECIAL PROVISIONS

Section 1. Definitions.

In this Contract:

- A. "Administrator" means the City Engineer of the Engineering Division of the Public Works Department or the designee.
- B. "Billings" means the City of Billings.
- C. "Engineer" means Morrison Maierle, Inc.
- D. "Contractor" means the third party responsible for the physical construction of the project.

Section 2. Scope of Services.

- A. The Engineer shall perform professional services in accordance with Appendix A, which is attached hereto and incorporated in this Section by reference.
- B. Billings shall pay the Engineer in accordance with the Schedule of Professional Fees attached as Appendix D and incorporated herein by reference for services actually performed under this Contract.
- C. Billings shall not allow any claim for services other than those described in this Section. However, the Engineer may provide, at its own expense, any other services that are consistent with this Contract.

- D. The Engineer shall provide as-built drawings as specified hereafter, as approved by the City of Billings, to the Administrator within 30 days after the project completion date. Final payment will be withheld until the as-built drawings are received by the City of Billings.
- E. ~~The Engineer shall provide certified construction payrolls to the Administrator stating in writing that the payrolls have been reviewed and are acceptable.~~

Section 3. Time for Performance.

- A. This Contract becomes effective when signed on behalf of Billings.
- B. The Engineer shall commence performance of the Work described in Section 2 on receipt of written Notice to Proceed and complete that performance in accordance with the schedule set forth in Appendix E.
- C. This Contract shall terminate at midnight on June 30, 2013.

Section 4. Compensation; Method of Payment.

- A. Each month, or at the conclusion of each phase of the Work for which payment is due, as negotiated on a per-task basis, the Engineer shall present a bill to the Administrator describing the Work for which it seeks payment and documenting expenses and fees to the satisfaction of the Administrator. If any payment is withheld because the Engineer's performance is unsatisfactory, the Administrator must, within ten (10) days of the payment denial, notify the Engineer of the payment denial and set forth, with reasonable specificity, what was unsatisfactory and why. Billings will pay Engineer within 30 days of receiving an acceptable invoice.
- B. The Engineer is not entitled to any compensation under this Contract, other than is expressly provided for in this Section.
- C. As a condition of payment, the Engineer shall have paid all City taxes currently due and owing by the Engineer.

Section 5. Termination of the Engineer's Services.

The Engineer's services under Section 2 of this Part may be terminated:

- A. By mutual consent of the parties.
- B. For the convenience of Billings, provided that Billings notifies the Engineer in writing of its intent to terminate under this paragraph at least 10 days prior to the effective date of the termination.
- C. For cause, by either party where the other party fails in any material way to perform its obligations under this Contract. Termination under this Subsection is subject to the condition that the terminating party notifies the other party of its intent to terminate, stating with reasonable specificity the grounds therefor, and the other party fails to cure the default within 30 days after receiving the notice.

Section 6. Duties Upon Termination

- A. If Billings terminates the Engineer's services for convenience, Billings shall pay the Engineer for its actual costs reasonably incurred in performing before termination

and Billings shall pay for services rendered prior to termination. Payment under this Subsection shall never exceed the total compensation allowable under Section 4 of this Part. All finished and unfinished documents and materials prepared by the Engineer shall become the property of Billings.

- B. If the Engineer's services are terminated for cause, Billings shall pay the Engineer the reasonable value of the services satisfactorily rendered prior to termination, less any damages suffered by Billings because of the Engineer's failure to perform satisfactorily. The reasonable value of the services rendered shall never exceed ninety percent (90%) of the total compensation allowable under Section 4 of this Part. Any finished or unfinished documents or materials prepared by the Engineer under this Contract shall become the property of Billings at its option.
- C. If the Engineer receives payments exceeding the amount to which it is entitled under Subsections A or B of this Section, he shall remit the excess to the Administrator within 30 days of receiving notice to do so.
- D. The Engineer shall not be entitled to any compensation under this Section until the Engineer has delivered to the Administrator all documents, records, Work product, materials and equipment owned by Billings and requested by the Administrator.
- E. If the Engineer's services are terminated for whatever reason the Engineer shall not claim any compensation under this Contract, other than that allowed under this Section.
- F. If a final audit has not been performed before the Engineer's services are terminated, Billings may recover any payments for costs disallowed as a result of the final audit.
- G. Except as provided in this Section, termination of the Engineer's services under Section 5 of this Part does not affect any other right or obligation of a party under this Contract.

Section 7. Insurance.

- A. The Engineer shall maintain in good standing the insurance described in Subsection B of this Section. Before rendering any services under this Contract, the Engineer shall furnish the Administrator with proof of insurance in accordance with Subsection B of this Section.
- B. The Engineer shall provide the following insurance:
 - 1. Workers' compensation and employer's liability coverage as required by Montana law.
 - 2. Commercial general liability, including contractual and personal injury coverage's -- \$1,500,000 per occurrence.
 - 3. Commercial automobile liability -- \$1,500,000 per accident.
 - 4. Professional liability in the amount of \$1,500,000 per occurrence.
- C. Each policy of insurance required by this Section shall provide for no less than 30 days' advance notice to Billings prior to cancellation.
- D. Billings SHALL be listed as an additional insured on all policies except Professional Liability and Worker's Compensation Policies. In addition, all policies except Professional Liability and Worker's Compensation shall contain a waiver of subrogation against Billings.

Section 8. Assignments.

Unless otherwise allowed by this Contract or in writing by the Administrator, any assignment by the Engineer of its interest in any part of this Contract or any delegation of duties under this Contract shall be void, and an attempt by the Engineer to assign any part of its interest or delegate duties under this Contract shall give Billings the right immediately to terminate this Contract without any liability for Work performed.

Section 9. Ownership; Publication, Reproduction and Use of Material.

- A. Except as otherwise provided herein, all data, documents and materials produced by the Engineer under this Contract shall be the property of Billings, which shall retain the exclusive right to publish, disclose, distribute and otherwise use, in whole or in part, any such data, documents, or other materials. Exclusive rights shall not be attributed to portions of such materials presently in the public domain or which are not subject to copyright. The Engineer shall retain rights to pre-existing proprietary property including but not limited to interactive models. The Engineer shall have the right to include photographic or artistic representations of the design and construction of the Project among the Engineer's promotional and professional materials. The Engineer's materials shall not include Billings' confidential or proprietary information regardless of whether Billings has previously advised the Engineer in writing of the specific information considered by Billings to be confidential and proprietary.
- B. Equipment purchased by the Engineer with Contract funds: See Appendix A, Section 3. Scope of Work.
- C. Should Billings elect to reuse Work products provided under this Contract for other than the original project and/or purpose, Billings will indemnify and hold harmless the Engineer from any and all claims, demands and causes of action of any kind or character arising as a result of reusing the documents developed under this contract. Additionally, any reuse of design drawings or specifications provided under this Contract must be limited to conceptual or preliminary use for adaptation, and the original Engineer's or subcontractor's signature, professional seals and dates removed. Such reuse of drawings and specifications, which require professional seals and dates removed, will be signed, sealed, and dated by the professional who is in direct supervisory control and responsible for adaptation.

Section 10. Notices.

Any notice required pertaining to the subject matter of this Contract shall be either sent via facsimile (FAX) or mailed by prepaid first class registered or certified mail, return receipt requested to the following addresses:

Billings: City Engineer (Debi Meling)
City of Billings
Public Works Department
2224 Montana Avenue
Billings, Montana 59101 FAX: (406) 237-6291 / PHONE : (406) 657-3097

Engineer: Carl Anderson
Morrison Maierle, Inc.
315 North 25th Street, Suite 102
Billings, Montana 59101 FAX: (406) 671-3255 / PHONE: (406) 656-6000

Notices are effective upon the earlier of receipt, proof of good transmission (facsimiles only), or 5 days after proof of proper posting.

Section 11. Contract Budget.

In connection with its performance under this Contract, the Engineer shall not make expenditures other than as provided in line items in the Contract budget.

Section 12. Force Majeure.

- A. Any failure to perform by either party due to force majeure shall not be deemed a violation or breach hereof.
- B. As used in this Contract, force majeure is an act or event of substantial magnitude, beyond the control of the delayed party, which delays the completion of this Contract, including without limitation:
 - 1. Any interruption, suspension or interference resulting solely from the act of Billings or neglect of Billings not otherwise governed by the terms of this Contract.
 - 2. Strikes or Work stoppages.
 - 3. Any interruption, suspension or interference with the project caused by acts of God, or acts of a public enemy, wars, blockades, insurrections, riots, arrests or restraints of governments and people, civil disturbances or similar occurrences.
 - 4. Order of court, administrative agencies or governmental officers other than Billings.

Section 13. Financial Management System.

The Engineer shall establish and maintain a financial management system that:

- A. Provides accurate, current, and complete disclosure of all financial transactions relating to the Contract;
- B. Maintains separate accounts by source of funds for all revenues and expenditures and identifies the source and application of funds for the Engineer's performance under this Contract, including information pertaining to subcontracts, obligations, unobligated balances, assets, liabilities, outlays and income;
- C. Effectively controls and accounts for all municipal funds and Contract property;
- D. Compares actual expenditures with budgeted amounts and relates financial information to performance or productivity data including unit cost information where applicable;
- E. Allocates administrative costs to direct service delivery units;
- F. Minimizes the time between receipt of funds from Billings and their disbursement by the Engineer;
- G. Provides accounting records supported by source documentation; and

- H. Provides a systematic method assuring the timely and appropriate resolution of audit findings and recommendations.

Section 14. Funding Requirements.

In the event that any funding source for this Contract should impose additional requirements upon Billings for the use of those funds, the Engineer agrees to abide by those additional requirements immediately upon receipt of written notice thereof from Billings.

Section 15. Subcontracts.

The Engineer may enter into subcontracts for the purchase of goods and services necessary for the performance of this Contract, provided:

- A. Every subcontract shall be reduced to writing and contain a precise description of the services or goods to be provided and the nature of the consideration paid therefor.
- B. Every subcontract under which the Engineer delegates the provision of services shall be subject to review and approval by the Administrator before it is executed by the Engineer.
- C. Every subcontract in an amount exceeding \$1,000 shall require reasonable access to business records of the subcontractor relating to the purchase of goods or services pursuant to the subcontract.

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**PART II
GENERAL CONTRACT PROVISIONS**

Section 1. Relationship of Parties.

The Engineer shall perform its obligations hereunder as an independent Engineer of Billings. Billings may administer the Contract and monitor the Engineer's compliance with its obligations hereunder. Billings shall not supervise or direct the Engineer other than as provided in this Section.

Section 2. Nondiscrimination.

- A. The Engineer will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, ancestry, age, sex, or marital status or who is a "qualified individual with a disability" (as that phrase is defined in the Americans With Disabilities Act of 1990). The Engineer will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, or mental or physical impairment/disability. Such action shall include, without limitation, employment, upgrading, demotion or transfer, recruitment or recruiting advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training including apprenticeship. The Engineer agrees to post, in conspicuous places available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause.
- B. The Engineer shall state, in all solicitations or advertisements for employees to Work on Contract jobs, that all qualified applicants will receive equal consideration for employment without regard to race, color, religion, national origin, ancestry, age, sex or marital status, or mental or physical impairment/disability.
- C. The Engineer shall comply with any and all reporting requirements that may apply to it which the City of Billings may establish by regulation.
- D. The Engineer shall include the provisions of Subsections A through C of this Section in every subcontract or purchase order under this Contract, so as to be binding upon every such subcontractor or vendor of the Engineer under this Contract.
- E. The Engineer shall comply with all applicable federal, state, and city laws concerning the prohibition of discrimination.

Section 3. Permits, Laws, and Taxes.

The Engineer shall acquire and maintain in good standing all permits, licenses and other entitlements necessary to its performance under this Contract. All actions taken by the Engineer under this Contract shall comply with all applicable statutes, ordinances, rules and regulations. The Engineer shall pay all taxes pertaining to its performance under this Contract.

Section 4. Nonwaiver.

The failure of either party at any time to enforce a provision of this Contract shall in no way constitute a waiver of the provision, nor in any way affect the validity of this Contract or any part hereof, or the right of such party thereafter to enforce each and every provision hereof.

Section 5. Amendment.

- A. This Contract shall only be amended, modified or changed by a writing, executed by authorized representatives of the parties, with the same formality as this Contract was executed.
- B. For the purposes of any amendment modification or change to the terms and conditions of this Contract, the only authorized representatives of the parties are:

Engineer: President or Vice President
(title of position)

Billings: City Council or Authorized Designee

- C. Any attempt to amend, modify, or change this Contract by either an unauthorized representative or unauthorized means shall be void.

Section 6. Jurisdiction; Choice of Law.

Any civil action arising from this Contract shall be brought in the District Court for the Thirteenth Judicial District of the State of Montana, Billings. The law of the State of Montana shall govern the rights and obligations of the parties under this Contract.

Section 7. Severability.

Any provision of this Contract decreed invalid by a court of competent jurisdiction shall not invalidate the remaining provisions of the Contract.

Section 8. Integration.

This instrument and all appendices and amendments hereto embody the entire agreement of the parties. There are no promises, terms, conditions or obligations other than those contained herein, and this Contract shall supersede all previous communications, representations or agreements, either oral or written, between the parties hereto.

Section 9. Liability.

The Engineer shall indemnify, defend, save, and hold Billings harmless from any and all claims, causes of action, lawsuits, damages, judgments, liabilities, and litigation costs and expenses including reasonable attorneys' fees and costs, arising from any wrongful or negligent act, error or omission of the Engineer or any agent, employee or subcontractor as a result of the Engineer's or any subcontractor's performance pursuant to this Contract.

- A. The Engineer shall not indemnify, defend, save and hold Billings harmless from claims, causes of action, lawsuits, damages, judgments, liabilities, and litigation costs and expenses or attorneys' fees and costs arising from wrongful or negligent acts, error or omission solely of Billings occurring during the course of or as a result of the performance of the Contract.
- B. Where claims, lawsuits or liability, including attorneys' fees and costs arise from wrongful or negligent act of both Billings and the Engineer, the Engineer shall indemnify, defend, save, and hold Billings harmless from only that portion of claims, causes of action, lawsuits, damages, judgments, liabilities, and litigation costs and expenses including attorneys' fees and costs, which result from the Engineer's or any subcontractor's wrongful or negligent acts occurring as a result from the Engineer's performance pursuant to this Contract.

Billings shall indemnify, defend, save, and hold the Engineer harmless from any and all claims, causes of action, lawsuits, damages, judgments, liabilities, and litigation costs and expenses including reasonable attorneys' fees and costs, arising from any wrongful or negligent act, error or omission of Billings or any agent, employee or subcontractor as a result of Billings' or any subcontractor's performance pursuant to this Contract.

- A. Billings shall not indemnify, defend, save and hold the Engineer harmless from claims, causes of action, lawsuits, damages, judgments, liabilities, and litigation costs and expenses or attorneys' fees and costs arising from wrongful or negligent acts, error or omission solely of the Engineer occurring during the course of or as a result of the performance of the Contract.
- B. Where claims, lawsuits or liability, including attorneys' fees and costs arise from wrongful or negligent act of both Billings and the Engineer, Billings shall indemnify, defend, save, and hold the Engineer harmless from only that portion of claims, causes of action, lawsuits, damages, judgments, liabilities, and litigation costs and expenses including attorneys' fees and costs, which result from Billings' or any subcontractor's wrongful or negligent acts occurring as a result from Billings' performance pursuant to this Contract.

Section 10. Inspection and Retention of Records.

The Engineer shall, at any time during normal business hours and as often as Billings may deem necessary, make available to Billings, for examination, all of its records with respect to all matters covered by this Contract for a period ending three years after the date the Engineer is to complete performance in accordance with Section 2 of the Special Provisions. Upon request, and within a reasonable time, the Engineer shall submit such other information and reports relating to its activities under this Contract, to Billings, in such form and at such times as Billings may reasonably require. The Engineer shall permit Billings to audit, examine and make copies of such records, and to make audits of all invoices, materials, payrolls, records of personnel, and other data relating to all matters covered by this Contract. Billings may, at its option, permit the Engineer to submit its records to Billings in lieu of the retention requirements of this Section.

Section 11. Availability of Funds.

Payments under this Contract may require funds from future appropriations. If sufficient funds are not appropriated for payments required under this Contract, this Contract shall terminate without penalty to Billings; and Billings shall not be obligated to make payments under this Contract beyond those which have previously been appropriated.

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Appendix A

Basic Services of Engineer

Section 1. Engineer's Rights and Duties.

- A. To furnish all labor, materials, equipment, supplies, and incidentals necessary to conduct and complete the Engineer's portion of the project as defined in the scope of work and to prepare and deliver to Billings all plans, specifications, bid documents, and other material as designated herein.
- B. Ascertain such information as may have a bearing on the work from local units of government, utility companies, and private organizations and shall be authorized to procure information from other authorities besides Billings, but shall keep Billings advised as to the extent of these contacts and the results thereof.
- C. Prepare and present such information as may be pertinent and necessary in order for Billings to pass critical judgment on the features of the work. The Engineer shall make changes, amendments or revisions in the detail of the work as may be required by Billings. When alternates are being considered, Billings shall have the right of selection.
- D. Engineer's work shall be in accordance with the standards of sound engineering and present City, State, and National standards and policies currently in use.
- E. Conform to the requirements of the Montana Code Annotated Title 18 "Public Contracts" and more particularly Sections 18-2-121 and 18-2-122, and all other codes of the State of Montana applicable to providing professional services including codes and standards nationally recognized.
- F. The Engineer shall certify with the submission of final plans that the plans are in conformance with applicable sections of Title 69, Chapter 4, Part 5, of the Montana Code Annotated as pertaining to existing utilities.
- G. To perform professional services in connection with the project and will serve as Billings' representative in those phases of the project to which this agreement applies.
- H. Where Federal funds are involved, the necessary provisions to meet all requirements will be complied with and documents secured and placed in the bidding documents.
- I. Submit an estimated progress schedule as to time and costs at the beginning of the work, and monthly progress reports thereafter until complete. The reports will include any problems, potential problems, and delays as foreseen

by the Engineer. Reports will be submitted in a timely manner to permit prompt resolution of problems.

- J. Name a Task Director who shall be the liaison between Billings and the Engineer. For this project the Task Director designated for the Engineer is Casey Hanson, P.E. working under the Principal-in-Charge, Carl Anderson, P.E.

Section 2. Billings Rights and Duties.

- A. To furnish all labor, materials, equipment, supplies, and incidentals necessary to conduct and complete Billings' portion of the project as designated in the scope of work.
- B. Name a Task Director who shall be the liaison between the Engineer and Billings. For this project, the Task Director designated is Debi Meling, PE, City Engineer.

Section 3. Scope of Work.

- A. Task 1 – Current Model and Information Review - Request and review all current flow, power consumption, operational practice, and other relevant data, such as pressure or water quality complaint records. Ensure atlas maps are up-to-date for more in-depth reviews discussed in the scope items below.
- B. Task 2 – Update Existing Model Properties – Review and revise pipe size and material conflicts from City atlas maps. Request all water information from the City GIS department. Develop a surface from this information (provided there is enough information to do so) and use it to populate node elevations. Spot check these elevations to verify a complete transfer. Request pump station and reservoir record drawings and pertinent operation and maintenance documents to verify and revise if necessary any discrepancies in the elevations or operational data (including tank operating levels, pressure reducing valves (PRV's), pump curves, and pump size).
- C. Task 3 – Review Connection Points – Review all connection points (nodes) to ensure pipes are properly connected. Nodes will be reviewed against the atlas maps to ensure proper connectivity and proper zone divisions.
- D. Task 4 – Review Existing Pressure Zone Boundaries – Review existing pressure zone boundaries in the model against pressure division valve locations in the atlas maps.
- E. Task 5 – Allocate Demands – Develop current demands by zone from city records, including pumping records, billing data, and historical use trends.
- F. Task 6 – Calibrate Model – Request hydrant flow information from City for purposes of calibration. This task will include reviewing and sorting the data, calibrating the model, and verifying the results. Residual pressure ratings will be required along with fire flow data for calibration. No fire flow testing, data collection, testing planning, or testing support is included in this scope and fee.
- G. Task 7 – Develop Future Demands – Develop future population projections based on current zoning. Review future land use projections for the service

area. Use the demands developed in Task 5 to create future demands. Project future flows based on population projections, current flow patterns, and anticipated development schedules. Develop demands for a 30 year planning life by 10 year planning epochs for capital improvement planning purposes.

- H. Task 8 – Review/Develop Pressure Zone Criteria – Meet with Owner to develop pressure zone criteria to be used in defining and reviewing existing pressure zone boundaries. This scope includes one meeting with Owner.
- I. Task 9 – Review Existing Pressure Zones – Using the criteria developed in Task 8 above, review existing pressure zones for areas of non-conformance with new criteria. Highlight non-conformant areas, and present in a graphical format.
- J. Task 10 – Review Existing Pumping and Storage Infrastructure – Review existing pumping and storage infrastructure to determine if the areas identified in Task 8 can be effectively served with existing infrastructure.
- K. Task 11 – Evaluate Potential New Pressure Zones – Review the work product from Tasks 7 through 9 with the Owner. Discuss whether new pressure zones are feasible and in Owner's best interest. Based on the outcome of this discussion with Owner, develop and present one alternative with new pressure zone boundaries (and new pressure zones, if appropriate).
- L. Task 12 – Determine Required Infrastructure for Pressure Zone Alternative– Develop operational and capital improvement alternatives to effectively serve the pressure zones developed and presented in Task 11. Specifically address storage needs as well as an implementation schedule for storage upgrades. Compare operation and maintenance costs against capital costs where required.
- M. Task 13 – Conceptual West End Treatment Plant Hydraulic Evaluation – In conjunction with Task 12, determine if a West End Treatment Plant is needed from a hydraulic perspective.
- N. Task 14 – Develop Conceptual West End Treatment Plant Size and Location Alternatives – If the outcome from Task 12 is that a West End treatment plant is necessary, develop up to six conceptual alternatives, which will be reviewed with the Owner and pared down to two detailed alternatives for further analysis based on professional judgment and discussions with the City. No fee for a do nothing alternative is included in this scope. Review the quantity of water available to a potential West end treatment plant. Develop potential plant sites, pumping requirements, and planning level cost estimates for the two detailed alternatives (no treatment evaluation is included in this scope).
- O. Task 15 – Draft and Final Reports – Memorialize, document, and report the findings from all tasks above in a written report. Discuss alternatives, including potential cost implications. Provide recommendations for proposed improvements. Prepare three (3) paper copies of the draft report for Owner review and comment. Schedule and conduct a review meeting with Owner to discuss draft report. Incorporate Owner comments into a final report. Prepare seven (7) copies of the final report, which will be stamped and signed by a licensed professional Engineer in the State of Montana responsible for the work.

Appendix B

Methods and Times of Payment W.O. 12-16 IWPI--Water Distribution System Study

Section 1. Payments for Basic Services.

Billings shall authorize payment to the Engineer for services performed under Appendix A of this Agreement. Partial payment shall be due the Engineer upon receipt of the Engineer's pay estimate, said estimate being proportioned to the work completed by the Engineer.

Billings shall deduct five percent (5%) from each monthly pay estimate to be held until the completion of the final scope of work. The final payment shall be made only after acceptance of final documents by Billings, and determination that the scope of work has been satisfactorily completed.

- A. For services rendered under Appendix A of this Agreement, the Engineer shall be paid based upon actual time accrued, but not to exceed \$230,727.00 (Two Hundred Thirty Thousand Seven Hundred Twenty Seven and No/100 Dollars) based on the following tasks:

Task 1	Current Model and Information Review	\$12,356.00
Task 2	Update Existing Model Properties	\$25,728.00
Task 3	Review Connection Points	\$31,050.00
Task 4	Review Existing Pressure Zone Boundaries	\$6,330.00
Task 5	Allocate Demands	\$12,842.00
Task 6	Calibrate Model	\$7,018.00
Task 7	Develop Future Demands	\$5,298.00
Task 8	Review/Develop Pressure Zone Criteria	\$5,287.00
Task 9	Review Existing Pressure Zones	\$4,820.00
Task 10	Review Existing Pumping and Storage Infrastructure	\$12,928.00
Task 11	Evaluate Potential New Pressure Zones (PZ)	\$18,894.00
Task 12	Determine Required Infrastructure for PZ Alternative	\$16,790.00
Task 13	Concept. West End Treatment Plant (WETP) Hyd. Eval.	\$10,995.00
Task 14	Develop Conceptual WETP Size and Location	\$19,520.00
Task 15	Draft and Final Reports	\$34,071.00

- B. Final payment shall be the above stated basic fee less all previous payments.

Section 2. Payments for Extra Services when Authorized by Billings.

Requests made or conditions identified by interested groups at the agency or public meetings which are beyond the scope and intent of the services to be performed under Appendix A shall be paid for on an hourly basis at the applicable fees in Appendix D or by an addendum to this Agreement.

Section 3. Corrections.

Costs of Billings work that is required for the purpose of correcting the Engineer's work shall be deducted from any payments due the Engineer if the Engineer fails to make the required corrections.

Section 4. Fee Increases

For contracts and services that are expected to require more than one (1) year to complete, the above stated basic services payments may be reviewed and adjusted annually by mutual agreement of the parties, based upon documented evidence that the Engineer's costs and hourly rates as shown in Appendix D have increased for all comparable clients.

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Appendix C

Additional Services of Engineer W.O. 12-16 IWPI--Water Distribution System Study

Extra Services of the Engineer will be paid only with written prior authorization by Billings.

- A. Requests made or conditions identified which are beyond the scope and intent of the services identified under Appendix A.

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Appendix D

Schedule of Professional Fees W.O. 12-16 IWPI--Water Distribution System Study

Current agreements for engineering services stipulate that the standard hourly rates are subject to review and adjustments. Hourly rates for services effective on the date of this Agreement are included below.

The itemized schedule provided below includes direct labor costs, normal payroll and overhead costs, transportation, furnishing equipment and materials normally required for performance of the work and reasonable profit. Direct project costs not itemized herein shall be paid for at actual cost.

The cost of Professional Liability Insurance coverage is included in the hourly rates of personnel.

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Appendix E

Project Schedule W.O. 12-16 IWPI–Water Distribution System Study

Based on a notice to proceed by Billings date no later than June 25, 2012, the completion date for the Engineer's work on the Study shall be June 30, 2013.

Delays affecting the completion of the work within the time specified of more than ninety (90) days, not attributable to or caused by the Parties hereto, may be considered as cause for the renegotiation or termination of this Contract.

If the Engineer is behind on this Contract due to no fault of Billings, then the Engineer hereby acknowledges the right of Billings to withhold future Contracts to the Engineer in addition to any other remedy until this Contract is brought back on schedule or otherwise resolved.

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Appendix F

Certificate(s) of Insurance W.O. 12-16 IWPI--Water Distribution System Study

Attach Certificate(s) of Insurance

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