

Staff Summary Report



Council Meeting Date: 11/20/08

Agenda Item Number: _____

SUBJECT: Request to award a professional services design contract with Dibble and Associates, Inc. for the Western Canal water transmission main to the South Tempe Water Treatment Plant.

DOCUMENT NAME: 20081120PWDR06 WATERMAIN UPGRADES (0810-04) PROJECT NO. 3203181

SUPPORTING DOCS: Yes.

COMMENTS: Total cost for this contract is \$172,475.

PREPARED BY: Donna Rygiel, Engineering Contract Administrator (x8520)

REVIEWED BY: Andy Goh, Deputy PW Manager/City Engineer (x8896)

APPROVED BY: Glenn Kephart, Public Works Manager (x8205)

LEGAL REVIEW BY: Judi Morgan, Assistant City Attorney (x8227)

FISCAL NOTE: Sufficient funds are available in Capital Improvement Fund No. 32.

RECOMMENDATION: Award professional services contract.

ADDITIONAL INFO: The Water Utilities Department has identified a key strategy for improving water quality in the distribution system by increasing the amount of well water that is available for blending with surface water at the water treatment plants. The proposed pipeline will allow approximately 11 million gallons per day to be pumped directly to the South Tempe Water Treatment Plant from four wells that are located adjacent to the western canal between Rural and Price Roads. The scope of work for this contract includes preparation of plans and specifications for the design of the pipeline.

The contract amount was negotiated by staff and is considered reasonable for the scope of services. Dibble and Associates, Inc. was selected from our consultant on-call list pursuant to A.R.S. § 34-103.



CITY OF TEMPE, ARIZONA
PUBLIC WORKS DEPARTMENT
DIVISION OF ENGINEERING

CONTRACT FOR PROFESSIONAL SERVICES

This Contract is made and entered into on the 20th day of November, 2008, by and between the City of Tempe, a municipal corporation ("City"), and Dibble and Associates, Inc., an Arizona corporation ("Consultant").

The City engages the Consultant to perform professional services for a project known and described as Western Canal Water Transmission Main, Project No. 3203181 ("Project").

1. SERVICES OF THE CONSULTANT

Consultant shall perform the following professional services to City in conformance with applicable professional standards and in accordance with the degree of care and skill that a registered professional in Arizona would exercise under similar conditions:

- 1.1. Consultant shall prepare plans and specifications and provide other design and post design services for the construction of a new pipeline from four existing wells to the South Tempe Water Treatment Plant, as described in Exhibit "A" attached.
- 1.2. Consultant has assigned Jason Mikkelsen as the Project Manager for this Contract. Prior written approval by the City is required in the event the Consultant needs to change the Project Manager. Consultant shall submit the qualifications of the proposed substituted personnel to the City for approval prior to any substitution or change.
- 1.3. Consultant shall prepare and submit a detailed opinion of probable cost of the Project.
- 1.4. Consultant shall follow and comply with the Public Improvement Project Guide as directed by the City.
- 1.5. Consultant shall prepare plans and technical specifications per the requirements of the applicable chapters of the City's Engineering Design Criteria Manual, latest revision, and the Maricopa Association of Governments (MAG) Uniform Standard Details for Public Works Construction as amended by the City. All plans shall be prepared on CAD as required by the City. Final plans shall be submitted on 3 ml double matte black line mylar and shall be 24" x 36" in size.
- 1.6. Consultant shall submit all final construction documents in both hard copy and

- 1.6. Consultant shall submit all final construction documents in both hard copy and electronic format. Plans shall be MicroStation or AutoCAD compatible and all other documents shall be Microsoft Office compatible. The software version used shall be compatible to current City standards. Other support documents, for example, structural calculations, drainage reports and geotechnical reports, shall be submitted in hard copy only.
- 1.7. Consultant shall obtain all necessary permits and licenses required for the performance of its work. Failure of Consultant to obtain said permits prior to the commencement of its work shall constitute a breach of this Contract.
- 1.8. Consultant shall perform the work in a manner and at times which do not impede or delay the City's operations and/or functions.
- 1.9. Consultant shall be solely responsible for any repair, replacement, remediation and/or clean-up of any damage done by Consultant including any impairment of access to City or other lawful invitees, by such work performed on this Project.

2. TERM OF CONTRACT

Consultant shall complete all services within 365 calendar days of the date appearing on the "Notice to Proceed" issued by the City. In the event delays are experienced beyond the control of the Consultant, the schedule may be revised as determined by the City in its sole discretion.

3. CONSULTANT'S COMPENSATION

- 3.1. The method of payment for this Contract is payment by installments. Total compensation for the services performed shall not exceed \$172,475.00, unless otherwise authorized by the City. This fee includes a lump sum amount of \$106,965.00 for engineering design services; an amount not to exceed \$24,110.00 for design services during construction based on hourly rates established in the attached Exhibit "A" incorporated hereby by this reference; an allowance of \$24,750.00 for subsurface investigations and field survey; an allowance of \$12,000.00 for other services as directed; and an allowance of \$4,650.00 for reimbursable expenses, which in no event will ever be more than actual cost.
- 3.2. City shall pay Consultant by installments, each installment based upon monthly progress reports and related, detailed invoices submitted by the Consultant. If detailed invoice(s) are approved by the City, such installment payment shall be made within thirty (30) days after City's approval of the progress report and detailed invoice subject to the following limitations:
 - 3.2.1. Prior to approval of the preliminary design (30% plans), payments to Consultants shall not exceed 30% of the total Contract amount.

3.2.2. Prior to approval of the final design documents, payments to Consultants shall not exceed 90% of the total Contract amount. The final approval and payment will be made within a reasonable period of time regardless of the Project construction schedule.

3.2.3. Payment for reimbursable expenses shall be made during all phases based on actual expenses.

3.3. City at its discretion may, by written notification, waive the above limitations.

4. CITY'S RESPONSIBILITIES

4.1. City shall designate a Project manager during the term of this Contract. The Project manager has the authority to administer this Contract and shall monitor compliance with all terms and conditions stated herein. All requests for information from or a decision by the City on any aspect of the work shall be directed to the Project manager.

4.2. City shall review requests for information related to the Project by the Consultant and will endeavor to provide a prompt response to minimize delay in the progress of the Consultant's work. City will also endeavor to keep the Consultant advised concerning the progress of the City's review of the work. Consultant agrees that City's inspection, review, acceptance or approval of Consultant's work shall not relieve Consultant of its responsibility for errors or omissions of Consultant or its subconsultant(s).

4.3. Unless included in the Consultant's services as identified in Section 1, the City may furnish with or without charge, upon the Consultant's reasonable request, the following information to the extent it is within the City's possession or control:

4.3.1. One copy of its maps, records, laboratory tests, survey ties, and benchmarks, or other data pertinent to the services. However, the Consultant shall be solely responsible for searching the records and requesting specific drawings or information and independently verifying said information.

4.3.2. Available City data relative to policies, regulations, standards, criteria, studies, etc., relevant to the Project.

4.3.3. When required, title searches, legal descriptions, detailed ALTA Surveys, and environmental assessments.

5. TERMINATION AND DEFAULT

5.1. City shall be entitled to terminate this Contract at any time, in its discretion. In addition, the City may terminate this Contract for default, non-performance,

breach or convenience, or abandon any portion of the Project for which services have not been fully or properly performed by the Consultant. Termination shall be commenced by delivery of written notice delivered to Consultant, personally or by certified mail at 7500 N. Dreamy Draw Drive, Suite 200, Phoenix, AZ 85020. Termination shall be effective upon fourteen (14) days of delivery of notice to Consultant. In addition, this Contract may be terminated pursuant to A.R.S. § 38-511.

- 5.2. Upon the occurrence of Consultant's default, non-performance or breach of the Contract, City may recover any and all damages permitted by law or in equity against Consultant, in addition to termination of the Contract, including but not limited to compensatory damages, together with all costs and expenses as set forth in Section 12 herein.
- 5.3. Immediately after receiving such notice, the Consultant shall discontinue performance under this Contract and proceed to close said operations under this Contract. Consultant shall appraise the services it has completed and submit a detailed appraisal to the City for evaluation. City shall have the right to inspect the Consultant's work to analyze and appraise the services completed. Payment to Consultant shall be determined by City upon approval or disapproval of the services completed as of the date of delivery of notice of termination.
- 5.4. Within ten (10) days of receipt of notice of termination as set forth herein, the Consultant shall deliver to the City all drawings, special provisions, field survey notes, reports, estimates and any and all other documents or work product generated by the Consultant under the Contract, entirely or partially completed, together with all unused materials supplied by the City.
- 5.5. In the event of such termination or abandonment, the Consultant shall be paid only for those services performed in a good and workmanlike manner, in accordance with all plans, specifications and governmental requirements completed prior to receipt of said notice of termination, subject to approval by City. To the extent permitted by this Contract, such payment may include reimbursable expenses then incurred by Consultant, in City's sole discretion.
- 5.6. If the remuneration scheduled hereunder is based upon a fixed fee or definitely ascertainable sum, the portion of such sum payable shall be proportionate to the percentage of services completed by the Consultant as approved by the City based upon the scope of work set forth in Exhibit "A" as determined by the City. However, in no event shall the fee exceed that set forth in Section 3 of this Contract.
- 5.7. City shall make a determination as to approval or denial of any requested final payment within sixty (60) days after the Consultant has delivered the last of the completed items and the final appraisal has been submitted to the City.

6. INSURANCE

Without limiting any obligations or liabilities, the Consultant, at its sole expense, shall purchase and maintain the minimum insurance specified below with companies duly licensed or otherwise approved by the State of Arizona, Department of Insurance, and with forms reasonably satisfactory to the City. Each insurer shall have a current A.M. Best Company, Inc. rating of not less than A-VII. Use of alternative insurers requires prior approval from the City.

6.1. General Clauses

- 6.1.1. Additional Insured. The insurance coverage, except workers' compensation and professional liability, required by this Contract, shall name the City, its agents, representatives, directors, officials, and employees, as additional insured, and shall specify that insurance afforded the Consultant shall be primary insurance, and that any self insured retention and/or insurance coverage carried by the City or its employees shall be excess coverage, and not contributory coverage to that provided by the Consultant.
- 6.1.2. Coverage Term. All insurance required herein shall be maintained in full force and effect until services required to be performed under the terms of this Contract are satisfactorily completed and formally accepted; failure to do so shall constitute a material breach of this Contract.
- 6.1.3. Primary Coverage. Consultant's insurance shall be primary insurance as respects the City, and any insurance or self insurance maintained by the City shall be in excess of the Consultant's insurance and shall not contribute to it.
- 6.1.4. Claim Reporting. Consultant shall not fail to comply with the claim reporting provisions of the policies or cause any breach of a policy warranty that would affect coverage afforded under the policy to protect the City.
- 6.1.5. Waiver. The policies for workers' compensation and general liability shall contain a waiver of transfer rights of recovery (subrogation) against the City, its agents, representatives, directors, officers, and employees for any claims arising out of the work of the Consultant.
- 6.1.6. Deductible/Retention. The policies may provide coverage, which contains deductibles or self-insured retentions. Such deductible or self-insured retentions shall not be applicable with respect to the coverage provided to the City under such policies. Consultant shall be solely responsible for deductible or self-insured retentions and the City may require the Consultant to secure the payment of such deductible or self-insured

retentions by a surety bond or an irrevocable and unconditional letter of credit.

6.1.7. Policies and Endorsements. City reserves the right to request and to receive, within ten (10) working days, information on any or all of the above policies or endorsements.

6.1.8. Certificates of Insurance. Prior to commencing services under this Contract, Consultant shall furnish the City with certificates of insurance, or formal endorsements as required by the Contract, issued by Consultant's insurer(s), as evidence that policies providing the required coverages, conditions, and limits required by this Contract are in full force and effect. Such certificates shall identify this Contract by referencing the Project number and/or Project name and shall provide for not less than thirty (30) days advance written notice by certified mail to City of cancellation or termination of insurance.

6.1.9. Subconsultants/Contractors. Consultant shall include all subconsultants and subcontractors as insured under its policies or shall furnish separate certificates and endorsements for each subconsultant and subcontractor.

6.2. Workers' Compensation. Consultant shall carry workers' compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of Consultant's employees engaged in the performance of the services; and employer's liability insurance of not less than \$100,000 for each accident, \$100,000 disease for each employee, and \$500,000 disease policy limit.

In case services under this Contract are subcontracted, the Consultant shall require all subconsultant(s) to provide workers' compensation and employer's liability to at least the same extent as provided by the Consultant.

6.3. Automobile Liability. Consultant shall carry commercial/business automobile liability insurance with a combined single limit for bodily injury and property damages of not less than \$1,000,000 each occurrence regarding any owned, hired, and non-owned vehicles assigned to or used in performance of the Consultant services. Coverage will be at least as broad as coverage Code 1 "any auto" (Insurance Service Office policy form CA 0001 1/87 or any replacements thereof). Such coverage shall include coverage for loading and unloading hazards.

6.4. Commercial General Liability. Consultant shall carry commercial general liability insurance with a combined single limit of not less than \$1,000,000. The policy shall be primary and include coverage for bodily injury, property damage, personal injury, products, completed operations, and blanket contractual covering, but not limited to, the liability assumed under the indemnification provisions of

this Contract, which coverage will be at least as broad as Insurance Service Office policy form CG 0002 1-11-88 or any replacement thereof.

In the event the general liability insurance policy is written on a "claims made" basis, coverage shall extend for two (2) years past completion and acceptance of the services as evidenced by annual certificates of insurance.

Such policy shall contain a "severability of interests" provision (also known as "cross liability" and "separation of insured").

- 6.5. Professional Liability. Consultant retained by the City to provide the engineering services required by the Contract will maintain professional liability insurance covering errors and omissions arising out of the services performed by the Consultant or any person employed by it, with an unimpaired limit of not less than \$1,000,000 each claim and \$1,000,000 all claims, or 10% of the construction budget, whichever is larger. In the event the insurance policy is written on a "claims made" basis, coverage shall extend for two (2) years past completion and acceptance of services as evidenced by annual certificates of insurance.
- 6.6. Property Coverage – Valuable Papers. Consultant shall carry property coverage on all-risk, replacement cost, agreed amount form with valuable papers insurance sufficient to assure the restoration of any documents, memoranda, reports, or other similar data relating to the services of the Consultant used in the completion of this Contract.

7. HEALTH INSURANCE REQUIREMENTS

- 7.1. Consultant must certify that it has or will offer health insurance to all eligible employees working on services set forth in this Contract prior to the performance of any work or services. An affidavit certifying such offering must be signed in a form approved by the City. All required health insurance must be maintained during the entire time of the Contract with the City. Health insurance pursuant to this Section 7 is not required for temporary employees or students working part-time who are enrolled in a recognized educational institution.
- 7.2. The health insurance requirements herein shall apply to all of Consultant's eligible employees directly involved with the services set forth in this Contract, including support and administrative personnel.
- 7.3. Any and all complaints concerning violations of the health insurance requirements shall be filed, in writing, with the City's Public Works Department, within thirty (30) days from discovery of a potential violation. An administrative hearing will be held before the Public Works Manager, and a written decision of findings will be provided to the parties to the hearing within ten (10) days thereafter. Appeal from the decision of the Public Works Manager may be made within ten (10) days of the date of the decision by filing a notice of appeal in writing with the Public

Works Department. If an appeal is timely filed, an administrative hearing will be held before an administrative hearing officer appointed by the City Manager. The decision of the administrative hearing officer shall be final.

- 7.4. Penalties for failing to comply with this Section 7 include, but are not limited to the following: Consultant may be barred from bidding on, or entering into any Public Works contract with the City for a period of three (3) years from the execution of the Contract.
- 7.5. All Consultants subject to the health insurance requirements shall post in English, notice of the health insurance requirements at their office and at the job site.

8. WORK FOR HIRE AND OWNERSHIP OF DELIVERABLES

- 8.1. Consultant shall ensure that all the results and proceeds of Consultant's and any and all work on any Project and any related projects, including that of all agents, employees, officers, and contractors, shall be owned by the City, including the copyright thereto, as work for hire. In the event, for any reason, such results and proceeds are not deemed work for hire, Consultant shall be deemed hereby to have assigned to City all of its right, title and interest in such results and proceeds and content to City, without limitation.
- 8.2. All work products (electronically or manually generated), including but not limited to plans, specifications, cost estimates, tracings, studies, design analyses, original mylar drawings, computer aided drafting and design (CADD) file diskettes which reflect all final drawings, and other related products which are prepared in the performance of this Contract, are the property of the City and are to be delivered to the City on the particular type of storage media on which they are stored (e.g. CD, thumb drive, etc.) before the final payment is made to the Consultant. City shall retain ownership of these original works. If approved in writing by the City, the Consultant may retain the originals and supply the City with reproducible copies of the work.

9. CONFLICT OF INTEREST

- 9.1. Consultant agrees to promptly disclose any and all financial and/or economic interest in the property, or any property affected by the work, or the Project itself other than as set forth herein, existing prior to the execution of this Contract. Further, the Consultant agrees to promptly disclose any financial or economic interest in the Project property or any property affected by the work, if the Consultant gains such interest during the course of this Contract.
- 9.2. If Consultant gains any financial or economic interest in the Project during the course of this Contract, this may be grounds for terminating this Contract at the sole discretion of the City.

- 9.3. Consultant shall not engage the services on this Contract of any present or former City employee who was involved as a decision-maker in the selection or approval processes, or who negotiated or approved billings or contract modifications for this Contract.
- 9.4. Consultant agrees that it shall not perform services on this Project for any other contractor, subcontractor, or any supplier, other than the City. In addition, Consultant shall not negotiate, contract, or make any agreement with a contractor, subcontractor, or any supplier with regard to any of the work under this Contract, or any services, equipment or facilities to be used on this Project other than with the City.

10. COVENANT AGAINST CONTINGENT FEES

Consultant affirms that it has not employed or retained any company or person, other than a bona fide employee working for the Consultant to solicit or secure this Contract, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift, or any other consideration, contingent upon or resulting from the award or making of the Contract. For breach or violation of this clause, the City may terminate this Contract without liability, or in its discretion may deduct from the Contract price or consideration, or otherwise recover, the full amount of such fee, commission, percentage brokerage fee, gift, or contingent fee.

11. INDEMNIFICATION

To the fullest extent permitted by law, Consultant shall defend, indemnify and hold harmless City, its agents, officers, officials, and employees from and against all claims, damages, losses, liability and/or expenses, relating to, arising out of, or alleged to have resulted from the negligent acts, errors, mistakes or omissions in the work, services, or professional services of Consultant, its agents, employees, or any other person for whose negligent acts, errors, mistakes or omissions in the work, services, or professional services Consultant may be deemed legally liable in the performance of this Contract, or any breach of the Contract. Consultant's duty herein shall arise in connection with any and all claims for damage, loss, liability and/or expenses attributable to bodily injury, sickness, disease, death, or injury to, impairment or destruction of any person or property including loss of use resulting therefrom. The amount and type of insurance coverage requirement set forth herein will in no way be construed as limiting the scope of the indemnity in this paragraph.

12. DISPUTE RESOLUTION

In the event of a dispute concerning or in any way connected to the Contract or subject Project, the parties agree that the unsuccessful party shall pay to the prevailing party a reasonable sum for attorneys' fees, including taxable and non-taxable costs, fees, costs and disbursements of experts, professionals, paralegals, whether at trial, appeal and/or in bankruptcy court, all of which will be deemed to have accrued on the commencement of such action and shall be enforceable whether or not such action is prosecuted to judgment. In addition, should the City retain and/or utilize

legal counsel as a result of a breach by Consultant of any term, covenant or provision of this Contract, in addition to paying any recovery owed to City and/or performing any obligation remaining to be performed, in order to fully cure such breach or default, Consultant shall reimburse the City for reasonable attorneys' fees, taxable and non-taxable costs and disbursements, incurred by the City in enforcing the Consultant's obligations, whether or not a legal action is commenced, including but not limited to the cost of preparing and presenting default notices, demand letters and similar non-judicial enforcement activities.

13. ADDITIONAL SERVICES

Additional services which are outside the scope of basic services contained in this Contract shall not be performed by the Consultant without prior written authorization from the City, at the City's sole discretion. Additional services, when authorized by an executed contract or an amendment to this Contract shall be compensated for by a fee mutually agreed upon between the City and the Consultant.

14. PROHIBITION ON ASSIGNMENT

This Contract and all duties and obligations of Consultant set forth in this Contract shall not be assignable except by prior written consent of the City, and such prohibition shall extend to and be binding upon the heirs, executors, administrators, successors, and assigns of the Consultant.

15. MISCELLANEOUS PROVISIONS

- 15.1. Equal Opportunity. Consultant covenants for itself, its employees, agents, assigns and all persons claiming under or through it, that it shall comply with all applicable federal, state, and local laws and ordinances at the time of execution of this Contract and shall not discriminate against or segregate any person or group of persons any person on account of race, color, religion, gender, marital status, sexual orientation, national origin, ancestry, age, physical handicap or medical condition in the performance of this Contract and shall comply with the terms and intent of all applicable federal, state and local governance concerning nondiscrimination.
- 15.2. Legal Compliance. Consultant agrees and covenants that it will comply with any and all applicable governmental restrictions, regulations and rules of duly constituted authorities having jurisdiction insofar as the performance of the work and services pursuant to the Contract, and all applicable safety and employment laws, rules and regulations, including but not limited to, the Fair Labor Standards Act, the Walsh-Healey Act, Arizona Executive Order No. 99-4, and the Arizona Fair and Legal Employment Act, along with all laws, rules and regulations attendant thereto. Consultant acknowledges that a breach of this warranty is a material breach of this Contract and Consultant is subject to penalties for violation(s) of this provision, including termination of this Contract. City retains the legal right to inspect the documents of any and all Consultants, subconsultants and sub-subconsultants performing work and/or services relating to the Contract

to ensure compliance with this warranty. Any and all costs associated with City inspection are the sole responsibility of Consultant. Consultant hereby agrees to indemnify, defend and hold City harmless for, from and against all losses and liabilities arising from any and all violations thereof.

- 15.3. Specially Designated Nationals and Blocked Persons List. Consultant represents and warrants to City that neither Consultant nor any affiliate or representative of Consultant (i) is listed on the Specially Designated Nationals and Blocked Persons List maintained by the Office of Foreign Asset Control, Department of the Treasury (OFAC) pursuant to Executive Order No. 13224, 66 Fed.Reg. 49079 (“Order”); (ii) is listed on any other list of terrorists or terrorist organizations maintained pursuant to the Order, the rules and regulations of OFAC or any other applicable requirements contained in any enabling legislation or other related Order(s); (iii) is engaged in activities prohibited in the Order; or (iv) has been convicted, pleaded *nolo contendere*, indicted, arraigned or custodially detained on charges involving money laundering or predicate crimes to money laundering. In addition, Contractor certifies that it does not have a scrutinized business operation in either Iran or Sudan.

Consultant further agrees to include the provisions set forth in Sections 15.2 and 15.3 in any and all subcontracts hereunder. Any violation of such provisions shall constitute a material breach of this Contract.

- 15.4. Effective Date. This Contract shall be in full force and effect only when it has been approved by the City Council of the City of Tempe, Arizona and when executed by the duly authorized City officials and the duly authorized agent of the Consultant.
- 15.5. Governing Law. This Contract shall be governed and interpreted by the laws of the State of Arizona.
- 15.6. Exhibits. All exhibits attached to this Contract are made a part of and are incorporated into, this Contract. If any inconsistencies exist between this Contract and any exhibit hereto, the terms of this Contract shall govern.
- 15.7. Force Majeure. Any prevention, delay or stoppage of this Project for a cause beyond the reasonable control of Consultant due to acts of God, acts of war or terrorism, fire or other casualty, shall, notwithstanding anything to the contrary contained herein, excuse the performance of Consultant, for a period equal to such prevention, delay or stoppage. For purposes of this Section 15.7, a cause shall not be deemed beyond a party’s control if it is within the control of such party’s agents, employees, assigns, contractors or subcontractors.
- 15.8. Entire Agreement. This Contract contains all of the agreements of the parties with respect to the Project and related matters, and no prior agreement, negotiations, postings, offerings, or understanding pertaining to any such matter

shall be effective for any purpose unless expressly contained herein.

- 15.9. Consultant's Good Standing. Consultant hereby warrants and represents that it is an Arizona corporation, licensed to do business in the state of Arizona and currently in good standing, and that it is not now in violation of any agreement, instrument, contract, law, rule or regulation by which Consultant is bound.
- 15.10. Independent Contractor. Nothing contained in this Contract shall be deemed or construed by the parties hereto or otherwise, to create the relationship of principal and agent, partnership, joint venturer, employer and employee, or any association between City and Consultant. Consultant is an independent contractor and shall be solely responsible for any unemployment or disability insurance payments, or any social security, income tax or other withholdings, deductions or payments that may be required by federal, state or local law with respect to any compensation paid to the Consultant hereunder or for any and all services or materials provided by or rendered to Consultant hereunder in connection with the work set forth in this Contract.
- 15.11. Severability. If any provision of this Contract shall, to any extent, be determined by a court of competent jurisdiction to be invalid or unenforceable, the remainder of this Contract shall not be affected thereby, and every other term and provision of this Contract shall be valid and enforceable to the fullest extent permitted by law.
- 15.12. Time is of the Essence. Time is of the essence in this Contract and each and every provision herein, except as may expressly be provided in writing by the City.
- 15.13. No Waiver. No breach or default hereunder shall be deemed to have been waived the City, except by a writing to that effect signed on behalf of the City. No waiver of any such breach or default shall operate as a waiver of any other succeeding or preceding breach or default or as a waiver of that breach or default after written notice thereof and demand by the City for strict performance of this Contract. Acceptance of partial or delinquent payments or performance shall not constitute the waiver of any right of the City.
- 15.14. Survival. Any and all representations, obligations, indemnities, warranties, covenants, conditions and agreements contained in this Contract which are expressed as surviving the expiration or earlier termination of this Contract, or by their nature, are to be performed, observed or survive, in whole or in part, after the termination or expiration of this Contract term, shall survive the termination or expiration of this Contract.
- 15.15. Retention of Records. City, through any authorized representative, will have access to and the right to examine and copy all records, books, papers or documents related to services rendered under this Contract. Consultant will retain

all books and records related to the services performed for a period of not less than the greater of any applicable federal law retention requirement or five (5) years following termination of this Contract.

- 15.16. Antitrust Violations. City and Consultant recognize that in actual economic practice overcharges resulting from antitrust violations are in fact borne by the City. Therefore, the Consultant assigns to the City any and all claims for such overcharges. Consultant in all subcontracts shall require all subcontractors to likewise assign all claims for overcharges to the City.
- 15.17. Headings. The heading use in this Contract is for ease of reference only and shall not in any way be construed to limit or alter the meaning of any provision.
- 15.18. No Construction Against Drafting Party. Each party acknowledges that it has had an opportunity to review the Contract with counsel, and such documents shall not be construed against any party that is determined to have been the drafter of the documents.
- 15.19. Notices to Parties:

All notices pursuant to this Contract shall be made in writing and delivered or mailed by certified mail to the parties at the following addresses:

CITY:

Andy Goh, City Engineer
City of Tempe
Public Works/Engineering Dept.
P.O. Box 5002
Tempe, AZ 85280

CONSULTANT:

Jason Mikkelsen
Dibble and Associates, Inc.
7500 N. Dreamy Draw Drive
Suite 200
Phoenix, AZ 85020

- 15.20. Liquidated Damages. City reserves the right to assess liquidated damages in the sum set forth below per calendar day for failure to comply with the conditions of the Contract, including but not limited to failure of the Consultant to complete the work and/or services by the time specified herein. This sum may be deducted from the Consultant's payment or anticipated payment for failure to deliver and/or perform as specified. No premium will be awarded to the Consultant for delivery and/or performance by the specified time. Permitting the Consultant to complete work and/or services pursuant to the Contract, or by extension thereof, shall in no way be deemed to waive or diminish the City's rights available by law or in equity, under the Contract.
- 15.21. Non-Appropriation of Funds. If funds appropriated by the City Council or otherwise allocated to perform the work becomes unavailable for payment by the City under this Contract, the City may delay the work for a period up to six (6) months, after which date if no funds are legally available, City may terminate the Contract at the City's sole option. In case of any such delay by City, Consultant

may suspend performance of work or services as applicable. However, nothing herein shall be construed to allow termination of the Contract by Consultant for such delay.

[SIGNATURE PAGE TO FOLLOW]

The Consultant warrants that the person who is signing this Contract on behalf of the Consultant is authorized to do so and to execute all other documents necessary to carry out the terms of this Contract.

DATED this _____ day of _____, 2008.

CITY OF TEMPE, ARIZONA

By: _____
Mayor

By: _____
Public Works Manager

ATTEST:

Recommended By:

City Clerk

 _____
Deputy PW Manager/City Engineer

APPROVED AS TO FORM:

City Attorney

CONSULTANT
Dibble and Associates, Inc.

Name

Title

Federal I.D. No./Social Security No.

Certified to be a true and exact copy.

Karen M. Fillmore
Records Specialist

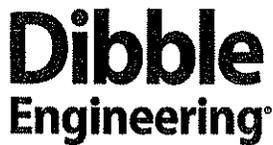


EXHIBIT A

7500 North Dreamy Draw Drive
Suite 200
Phoenix, Arizona 85020
phone 602.957.1155
fax 602.957.2838
www.dibblecorp.com

October 6, 2008

Mr. Philip C. Brown, P.E.
Senior Civil Engineer
City of Tempe
Public Works / Engineering
31 East 5th Street
Tempe, AZ 85281

Re: Western Canal Water Transmission Main
Rural Road to South Tempe Water Treatment Plant

Dear Mr. Brown:

Dibble Engineering is pleased to present our proposed Scope of Work and Fee Proposal for engineering services for the above noted project. As you have requested, the project is divided into two phases. Phase 1 includes the 16-inch and 24-inch water transmission main from Rural Road to the south entrance to the South Tempe Water Treatment Plant (STWTP). Phase 2 includes the 24-inch water transmission main from the STWTP south gate to the reservoir splitter structure located in the north-central area of the plant. Please refer to the attached Scope of Work for a detailed description of our services on this project. Our proposed fee for these services is summarized as follows:

Phase 1 Design Phase Services (Lump Sum):	\$73,760.00
Phase 2 Design Phase Services (Lump Sum):	\$33,205.00
Construction Phase Services (Time & Materials, Not to Exceed):	\$24,110.00
Direct Expenses (Reimbursed at cost):	\$4,650.00
Allowances:	<u>\$36,750.00</u>
TOTAL:	\$172,475.00

We appreciate this opportunity to be of service to the City, and we look forward to starting work on this important project. Please don't hesitate to contact us with any questions regarding the enclosed information.

Sincerely,

Dibble Engineering

Jason Mikkelsen, P.E.
Project Manager

Jason Fort, P.E.
Water Resources Design Manager

Enclosure

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SCOPE OF WORK

CITY OF TEMPE

WESTERN CANAL WATER TRANSMISSION MAIN

PROJECT DESCRIPTION

The City of Tempe (City) desires to design and construct a new water transmission pipeline along the north maintenance road of the Salt River Project (SRP) Western Canal between Rural Road and the South Tempe Water Treatment Plant (STWTP). The new pipeline will carry water from ~~three~~^{four} existing water wells (22E-1.5S, COT Well 13, 22.8E-1.5S and 23.5E-1.5S) to the reservoir splitter box at the treatment plant. The project will be broken into two phases:

Phase 1: This phase will consist of new 16-inch water transmission main along the north maintenance road of the Western Canal between Well 22E-1.5S and Well 22.8E-1.5S (approximately 4,000 linear feet) and new 24-inch water transmission main along the north maintenance road of the Western Canal between Well 22.8E-1.5S and the south gate of the STWTP (approximately 5,300 linear feet).

Phase 2: This phase will consist of new 24-inch water transmission main within the STWTP between the south gate and the reservoir splitter structure located at the north central area of the plant.

Dibble Engineering (Dibble) will provide comprehensive design engineering services required to prepare construction plans, technical specifications and opinions of probable construction cost along with limited engineering services during construction for the City. It is our understanding that this project will be constructed under a construction manager at risk (CM@R) contract.

Design Standards

This project will be designed in accordance with the following standards:

- Arizona Administrative Code (A.A.C.) and Arizona Revised Statutes (A.R.S.).
- Arizona Department of Environmental Quality, Engineering Bulletin No. 10, Guidelines for Construction of Water Systems, May 1978.
- City of Tempe, Public Works Department, Engineering Design Criteria, August 2006
- Maricopa Association of Governments, Uniform Standard Specifications for Public Works Construction, Revisions through 2008.
- Maricopa Association of Governments, Uniform Standard Details for Public Works Construction, Revisions through 2008.
- Construction license and permit approval requirements of Salt River Project (SRP) water and power.

PROJECT TASKS

Task 1: Data Research/Collection and Scoping

Dibble will research and obtain all readily available record information pertinent to the design of the water transmission main. This will include, but may not be limited to, the following: construction record drawings for improvements along the project corridor, construction plans for permitted improvements along the corridor, quarter section utility maps, reports, approved master plans, right-of-way, and property ownership documents (excluding obtaining title reports), and other readily available information. A site visit will be performed by Dibble's Project Manager (and applicable design staff) to visually confirm information obtained during the Data Research/Collection and Scoping Task.

Task 2: Base Mapping

Dibble will create comprehensive base maps for the water transmission main design utilizing the base maps from the Western Canal Multi-Use Path project combined with data collected during the Data Collection task. Base mapping will be created in AutoCAD 2007 format utilizing AutoDesk Civil3D 2008.

Task 3: Utility Coordination

Utilities have been located in the existing base map for the Western Canal Multi-Use Path project. At the 30% and 90% milestone submittals, Dibble will submit one set of plans to each utility along with a no conflict (clearance) letter. Dibble shall provide the City's Project Manager with a receipt indicating the utilities that were sent submittal sets of plans. Final construction documents shall not be approved until no conflict (clearance) letters have been received from each utility.

Subsurface utility investigation (potholing) may be completed at the request of the City. Utility potholing is provided as an allowance.

Task 4: Construction Plans and Specifications

Dibble shall prepare construction plans, specifications, and opinions of probable construction costs for this project. The plans will be separated into Phase 1 and Phase 2 as described above. The City shall provide electronic (AutoCAD) formats for desired standard plan sheet format and drafting standards. The construction plans will include pipeline plan and profile view sheets (1" = 20' horizontal scale and 1" = 2' vertical scale) and detail sheets as necessary to provide a complete, clear and concise set of construction plans (see Estimated Plan Sheet Index below). The following progress submittals will be made:

- 30% (Grade and Alignment) Submittal: Dibble will prepare schematic (30% Design) plans depicting existing utilities, topography, preliminary pipeline plan and profile along with an Engineer's Opinion of Probable Construction Costs. Design drawings shall depict preliminary horizontal alignment and stub out locations to the existing well sites.
- 90% (Final Engineering) Submittal: Dibble will prepare final (90% Design) plans incorporating the schematic (30% Design) elements along with an updated Engineer's Opinion of Probable Construction Costs. Drawings shall show the final horizontal alignment, pipeline profile, isolation valves, stub-out locations, standard and special detail with cross references, and general and construction notes with cross references. Final engineering submittal shall be suitable for permitting. Technical specifications will be prepared only for items not adequately addressed by Maricopa Association of Governments (MAG) and City of Tempe (COT) standard specifications referenced and notes on the construction plans.
- 100% (Construction Document) Submittal: Dibble will prepare final Construction Documents for the water transmission main incorporating permit comment revisions, opinion of probable construction costs, Technical Specifications (hard copy and MS Word 2007 format), and AutoCAD 2007 files (on CD-ROM).

Following each submittal, Dibble will review the City's comments and incorporate comments unless otherwise directed by the City.

Technical Specifications as noted in the progress submittals will only be prepared for items not adequately addressed by the MAG and COT standard specifications.

Opinions of probable construction costs will be prepared for each progress submittal using standard unit costs and item descriptions. Item descriptions will be summarized in the Technical Specifications.

Estimated Plan Sheet Index

	Phase 1	Phase 2
Cover Sheet	1	1
General Notes & Legend	1	1
Project Profile and Key Map	2	1
Plan and Profile (1" = 20')	22	4
Details	4	3
TOTAL	30	10

Deliverables

- 30% submittal – Two (2) full-size (22" X 34" bond) plan sets, One (1) half scale (11" X 17" plain paper) plan set, One (1) copy of Engineer's opinion of probable construction costs, One (1)

copy of Technical Specifications Table of Contents, and One (1) copy of all deliverables in Adobe PDF format.

- 90% submittal - 30% submittal redline comments, Two (2) full-size (22" X 34" bond) plan sets, One (1) half scale (11" X 17" plain paper) plan set, Four (4) copies Engineer's Opinion of Probable Construction Costs, four (4) copies draft Technical Specifications, and One (1) copy of all deliverables in Adobe PDF format. Dibble shall conduct a field plan-in-hand review with City staff, document the findings of the review and incorporate any plan revisions prior to making the 90% submittal.
- 100% submittal - 90% submittal comments and comment resolution form, One (1) copy 3 mil, double matte mylars, full-size (24" X 36") professionally sealed, Four (4) full size (24" X 36" bond) plan sets. Four (4) copies final Technical Specifications professionally sealed. One (1) bound half-size plan set, and four (4) copies final Engineers opinion of probable construction costs along with one (1) copy of electronic files (on CD-ROM) of all construction bid documents.

Task 5: Project Management & Meetings

Dibble's project manager and project engineer will attend project meetings noted in this Scope of Work and will prepare and distribute agenda and meeting minutes to all participants. After receipt of notice to proceed, Dibble's project manager will contact the City's project manager to arrange a kick-off meeting to discuss project schedule, water system operation, and coordinate anticipated City participation efforts. Two (2) submittal review meetings will be held (30% and 90%) design milestones for each phase.

Dibble's project manager and project engineer will attend two (2) design coordination meetings (one for each phase) as needed to coordinate understanding of the transmission main design and system operation. The City's project manager will be responsible for inviting City staff as required.

It is our understanding that the project will be constructed under a construction manager at risk contract. Dibble will coordinate with the construction manager during the design to obtain constructability and value engineering comments at each progress submittal. These comments will only be incorporated into the design with approval from the City.

Dibble will be responsible for comprehensive project management which will include: plans, technical specifications, bid documents, opinion of probable construction costs, utility coordination, correspondence management, schedule maintenance, and meeting minutes.

Task 6: SRP Coordination

The new pipeline will be constructed within right-of-way maintained by the Salt River Project (SRP). Dibble will coordinate with SRP to obtain design requirements for construction within the SRP right-of-way and requirements for crossing the Western Canal for the connection to Well 13. It

is assumed that the pipeline will be constructed within SRP right-of-way under a license agreement and that individual easement legal descriptions and exhibits will not be required.

Prior to the start of design, Dibble will meet with SRP and the City to discuss design requirements for the pipelines located within SRP right-of-way. Dibble will submit 30% and 90% construction documents to SRP for review and comment. A meeting will be held with SRP and the City to discuss SRP comments following each submittal. SRP review comments will be incorporated into the construction plans upon authorization by the City. Final (100%) plans for construction will be provided to SRP for information and records.

Task 7: Permitting

Dibble will prepare application and submittal packages for the following permitting agencies:

- Maricopa County Environmental Services Department (MCESD): Approval to Construct (expedited review & fee).
- Salt River Project: License to construct improvements within SRP right-of-way. The City will be responsible for any review and or coordination fees from SRP.
- City of Tempe Development Services/Engineering department. The City will be responsible for coordination of City review, schedule and review/application fees.

Dibble will incorporate review comments as applicable unless otherwise directed by the City's Project Manager.

Estimated Design Schedule

The following schedule estimates project milestone submittal timeframes relative to the Notice to Proceed. Submittal schedule is contingent upon an anticipated two (2) week review time by the City. A final schedule will be provided for review and approval at the project kickoff meeting.

Phase 1

30% Plan Submittal:	NTP + 4 weeks
City Review (2 wks)	NTP + 6 weeks
90% Plan Submittal:	NTP + 9 weeks
City Review (2 wks)	NTP + 11 weeks
Bid Document Submittal:	NTP + 14 weeks

Phase 2 (Design assumed to start concurrently with completion of Phase 1 design)

30% Plan Submittal:	NTP + 16 weeks
City Review (2 wks)	NTP + 18 weeks
90% Plan Submittal:	NTP + 20 weeks
City Review (2 wks)	NTP + 22 weeks
Bid Document Submittal:	NTP + 24 weeks

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Phase 2 design schedule will be coordinated with the City and may be accelerated to be concurrent with Phase 1 if desired.

CONSTRUCTION PHASE SERVICES

It is assumed that construction will occur in two separate phases in accordance with the two separate plan sets prepared during design.

Task 8: Pre-Construction Conference / Meetings

Dibble's project manager and project engineer shall attend the pre-construction planning meeting for each phase (two meetings). Dibble shall walk the site and discuss with Contractor the plans and specifications prior to construction as requested by the City.

Dibble's project engineer will attend eight (8) construction progress meetings (combined for the two project phases) as requested by the City. The City or contractor will be responsible for preparation of meeting minutes and invitation of necessary parties to the meetings.

Task 9: Submittal Review

Dibble shall review shop drawings, samples, and material certifications that Contractor and/or its subcontractors or suppliers are required to submit for compliance with the Contract Documents. Review shall be in accordance with a submittal schedule prepared by the Contractor and agreed upon by the Engineer.

Task 10: Request for Information

Dibble shall provide Contractor and its subcontractors and suppliers with necessary clarifications, interpretations and corrections of the plans and specifications as appropriate to the orderly completion of the construction work.

Task 11: Project Closeout

Dibble shall perform project closeout tasks as required to obtain the Maricopa County Environmental Services Department Approval of Construction. These tasks include the following:

- Prepare as-built drawings from contractor-supplied "redlines". No field survey to determine as-built locations or elevations is included.

- Prepare and submit the Maricopa County Environmental Services Department Approval of Construction and Engineer's Certificate of Completion. The City will be responsible for providing pressure and bacteriological test results required for this submittal.

Dibble will participate in the final walkthrough and preparation of the punchlist.

ALLOWANCES

The following items are included as allowance and may be added by the City.

Supplemental Field Survey: Waterline design for Phase 1 will be completed utilizing topographic survey data collected in 2005 for the preparation of plans entitled "City of Tempe Public Works Department Division of Engineering, Western Canal Multi-Use Path, Project No. 6000421." Waterline design for Phase 2 will be completed utilizing topographic survey data provided by the City of Tempe. An allowance is provided for additional topographic survey data collection, horizontal and vertical control verification and survey data review. This Allowance will be only be utilized with written permission from the City's project manager.

Utility Potholing: In conjunction with the 30% submittal, Dibble shall identify underground utilities to be potholed. The City's Project Manager shall review and approve list of utilities to be potholed prior to proceeding with utility investigation. Dibble will contract with a pothole service to perform the on-site utility investigation. Results of potholes shall be received and incorporated into the construction plans prior to the 90% submittal. Utility location results shall be sealed by a Professional Land Surveyor, and provided to the City and should be made available to the contractor. Potholing activities shall be subject to traffic control and other regulations and applicable permitting requirements of the jurisdictional authorities. Utility potholes shall be repaired by backfilling with native material and installing cold patch. Utility potholing shall be included in this contract as a direct expense Allowance item billed based on the number of potholes performed. Fifteen (15) potholes have been assumed for the basis of estimating the project fee. The City will be billed for the actual number of potholes excavated (not to exceed 15).

Additional Services: Dibble will perform additional services as directed by the City. This allowance will be utilized at the discretion of the City for services not included in this scope of work. Work tasks that may be performed under this allowance include (but are not limited to): additional coordination with SRP for waterline approval, additional coordination of utility locations and/or relocations required for street crossings, additional coordination with STWTP operations staff for tie-in and construction sequencing planning, etc. Work under this allowance will only be performed with written authorization from the City.

Direct Cost Reimbursement

Maricopa County Environmental Services Department (MCESD), Permit to Construct plan review fee will be reimbursed as a direct cost allowance on an expedited review time.

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Reimbursements shall be made by the City for direct costs incurred for printing, document reproduction, plotting, mylars, permit application fees, and any additional work directed by the City not specifically included in this Scope of Work.

ASSUMPTIONS:

- All work will be constructed within existing Rights-of-Way or Easements. No additional Right-of-Way research, acquisition, legal descriptions or exhibits are included in this scope of work.
- City Engineering Review Fee – Waived for City CIP Projects
- Pipeline construction within the SRP right-of-way will be completed under a license agreement with SRP.
- The City of Tempe will provide topographic survey information in AutoCAD format for Phase 2 improvements within the STWTP.

EXCLUSIONS:

- Field survey (including topographic and control survey pickup and/or verification) is excluded from the base scope of work and may be authorized by the allowance included herein
- Environmental Assessments / Clearances
- Subsurface Geotechnical Investigations
- Construction management and administration
- Construction observation
- Legal descriptions for permanent easements, temporary construction easements or rights-of-way
- Easement or right-of-way acquisition
- Public Meetings or Public Involvement coordination

PWS

**CITY OF TEMPE
WESTERN CANAL WATER TRANSMISSION MAIN**

STAFF HOURS AND FEE PROPOSAL

**PHASE 1: 16-INCH AND 24-INCH WATER TRANSMISSION MAIN
RURAL ROAD TO STWTP**

Dibble Engineering Staff Hours By Task

Task	Design Phase Services (Lump Sum)	Project Manager	QA/QC Manager	Project Engineer	Engineer / Designer	CAD Technician	Admin Assistant		Total
1	Data Research / Collection and Scoping	4		6	6		2		18
2	Base Mapping	2	2	6	8	12			30
3	Utility Coordination			8	12	8			28
4	Construction Plans & Specifications								
4.1.1	Phase 1: Grade and Alignment Plans (30%)	24	16	36	48	60	8		192
4.1.2	Phase 1: Final Plans and Specifications (90%)	16	12	24	40	60	8		160
4.1.3	Phase 1: Bid Documents (100%)	16	8	24	36	48	8		140
5	Project Management & Meetings (4)	32	8	16	4		4		62
6	SRP Coordination	24		36	8		4		72
7	Permitting	2		6	6		2		16
								Subtotal	718
	Construction Phase Services (Time & Materials, Not to Exceed)								
8	Pre- Construction Conference / Construction Meetings (6)	6		24	12		2		44
9	Submittal Review	6	2	16	16		2		42
10	Requests for Information	2	2	12	8	6	2		32
11	Project Closeout	4		12	12	16	2		46
								Subtotal	164
Total		138	48	226	216	210	44		882

Dibble Engineering Labor Fee By Task

		Personnel Rates (Incl. O.&P.)							
		\$ 135.00	\$ 125.00	\$ 120.00	\$ 95.00	\$ 80.00	\$ 45.00		
Task	Design Phase Services (Lump Sum)	Project Manager	QA/QC Manager	Project Engineer	Engineer / Designer	CAD Technician	Admin Assistant		Total
1	Data Research / Collection and Scoping	540		720	570		90		1,920
2	Base Mapping	270	250	720	760	960			2,960
3	Utility Coordination			960	1,140	640			2,740
4	Construction Plans & Specifications								
4.1.1	Phase 1: Grade and Alignment Plans (30%)	3,240	2,000	4,320	4,560	4,800	360		19,280
4.1.2	Phase 1: Final Plans and Specifications (90%)	2,160	1,500	2,880	3,800	4,800	360		15,500
4.1.3	Phase 1: Bid Documents (100%)	2,160	1,000	2,880	3,420	3,840	360		13,660
5	Project Management & Meetings (4)	4,320	750	1,920	380		180		7,550
6	SRP Coordination	3,240		4,320	760		180		8,500
7	Permitting	270		720	570		90		1,650
								Subtotal	73,760
	Construction Phase Services (Time & Materials, Not to Exceed)								
8	Pre- Construction Conference / Construction Meetings (6)	810		2,880	1,140		90		4,920
9	Submittal Review	810	250	1,920	1,520		90		4,990
10	Requests for Information	270	250	1,440	760	480	90		3,290
11	Project Closeout	540		1,440	1,140	1,280	90		4,490
								Subtotal	17,290
Total Direct Labor By Task:		18,630	6,000	27,120	20,520	16,800	1,980		91,050

DIRECT COSTS

	Unit	Cost/Unit	No. of Units	Total
MCESD Permit Fees (Expedited)	Lump Sum	\$ 1,200.00	1	\$ 1,200.00
Reproduction/Plotting/MyIars	Set	\$ 60.00	25	\$ 1,500.00
Subtotal, Direct Costs				\$ 2,700.00

ALLOWANCE ITEMS

	Cost	Total
ALLOWANCE: Supplemental Field Survey	\$ 2,000.00	\$ 2,000.00
ALLOWANCE: Utility Potholes (10 holes @ \$1250 Ea)	\$ 12,500.00	\$ 12,500.00
ALLOWANCE: Additional Services as Directed	\$ 10,000.00	\$ 10,000.00
Subtotal, Direct Costs		\$ 24,500.00

PHASE 1 FEE SUMMARY

Design Phase Labor (LUMP SUM)	\$ 73,760
Construction Phase Labor (Time & Materials)	\$ 17,290
Direct Costs	\$ 2,700
Allowances	\$ 24,500
Subtotal, Phase 1	\$ 118,250

PCB

**CITY OF TEMPE
WESTERN CANAL WATER TRANSMISSION MAIN**

FEE PROPOSAL SUMMARY

Dibble Engineering Labor Fee By Task

	Task	Phase 1	Phase 2	Total
	Design Phase Tasks (Lump Sum)			
1	Data Research / Collection and Scoping	\$ 1,920	\$ 655	\$ 2,575
2	Base Mapping	\$ 2,960	\$ 2,140	\$ 5,100
3	Utility Coordination	\$ 2,740	\$ 1,880	\$ 4,620
4	Construction Plans & Specifications	\$ -	\$ -	\$ -
	Phase 1: Grade and Alignment Plans (30%)	\$ 19,280	\$ 9,410	\$ 28,690
	Phase 1: Final Plans and Specifications (90%)	\$ 15,500	\$ 6,650	\$ 22,150
	Phase 1: Bid Documents (100%)	\$ 13,660	\$ 5,530	\$ 19,190
5	Project Management & Meetings (4)	\$ 7,550	\$ 3,930	\$ 11,480
6	SRP Coordination	\$ 8,500	\$ 1,970	\$ 10,470
7	Permitting	\$ 1,650	\$ 1,040	\$ 2,690
	Subtotal, Design Phase Services Labor	\$ 73,760	\$ 33,205	\$ 106,965
	Construction Phase Services (Time & Materials, Not to Exceed)			
8	Pre- Construction Conference / Construction Meetings (6)	\$ 4,920	\$ 1,690	\$ 6,610
9	Submittal Review	\$ 4,590	\$ 1,590	\$ 6,180
10	Requests for Information	\$ 3,290	\$ 1,910	\$ 5,200
11	Project Closeout	\$ 4,490	\$ 1,630	\$ 6,120
	Subtotal, Construction Phase Services Labor	\$ 17,290	\$ 6,820	\$ 24,110
	Subtotal, Dibble Engineering Labor	\$ 91,050	\$ 40,025	\$ 131,075

Direct Expenses

		Phase 1	Phase 2	Total
	MCESD Permit Fees (Expedited)	\$ 1,200	\$ 1,200	\$ 2,400
	Reproduction/Plotting/Mylars	\$ 1,500	\$ 750	\$ 2,250
	Subtotal, Direct Expenses	\$ 2,700	\$ 1,950	\$ 4,650

Allowances

		Phase 1	Phase 2	Total
	ALLOWANCE: Supplemental Field Survey	\$ 2,000	\$ 4,000	\$ 6,000
	ALLOWANCE: Utility Potholes	\$ 12,500	\$ 6,250	\$ 18,750
	ALLOWANCE: Additional Services as Directed	\$ 10,000	\$ 2,000	\$ 12,000
	Subtotal, Allowances	\$ 24,500	\$ 12,250	\$ 36,750

FEE SUMMARY

		Phase 1	Phase 2	Total
	Design Phase Labor	\$ 73,760	\$ 33,205	\$ 106,965
	Construction Phase Labor	\$ 17,290	\$ 6,820	\$ 24,110
	Direct Expenses	\$ 2,700	\$ 1,950	\$ 4,650
	Allowances	\$ 24,500	\$ 12,250	\$ 36,750
	TOTAL	\$ 118,250	\$ 54,225	\$ 172,475

CITY OF TEMPE
TEMPE, ARIZONA
DEPARTMENT OF PUBLIC WORKS

AFFIDAVIT OF GENERAL CONTRACTOR / PRIME CONSULTANT
REGARDING
HEALTH INSURANCE

_____,
Arizona

Date _____

**WESTERN CANAL WATER
TRANSMISSION MAIN**
Project No. 3203181

I hereby certify that _____ (name of company) currently has, and all of its major subcontractors/subconsultants, defined as doing work in excess of \$30,000.00, will have, during the course of this contract, health insurance for all employees working on this project and will offer health insurance coverage to eligible dependents of such employees, as defined in the accompanying Guidelines. The company's health insurance is as follows:

Name of Insurance Company: _____

Type of Insurance (PPO, HMO, POS, INDEMNITY): _____

Policy No.: _____

Policy Effective Date (MM/DD/YY): _____

Policy Expiration Date (MM/DD/YY): _____

Signed and dated at _____, this _____ day of _____, 2008.

General Contractor/Prime Consultant

By: _____

STATE OF ARIZONA)
) ss
COUNTY OF MARICOPA)

SUBSCRIBED AND SWORN to before me this _____ day of _____, 2008.

Notary Public

My commission expires:

City of Tempe

Guidelines for Implementation of Health Insurance

These Guidelines are provided for purposes of implementing Resolution No. 2000.73, which requires all employees of prime consultants, general contractors and major subconsultants and subcontractors to have health insurance and to offer health insurance to their eligible dependants, as determined at the start of each project. Questions regarding these guidelines should be directed to the City of Tempe Engineering Division at (480) 350-8200.

1. All Prime Consultants who enter into a Public Works contract or General Contractors who bid on Public Works projects that are advertised for bid and enter into a contract in excess of \$30,000 with the City of Tempe after January 1, 2001, are required to sign an affidavit in the form attached hereto. The prime consultant or general contractor shall require that all major subconsultants or subcontractors, defined as entities doing work in excess of \$30,000, comply with the health insurance requirements. In signing the affidavit, prime consultants and general contractors may refer to and rely upon these Guidelines for interpretation.
2. Health insurance is required for permanent employees who work for the consultant/contractor more than one hundred and twenty (120) days in any calendar year. A "work day" consists of any time within a twenty-four hour period, regardless of number of hours, that the individual is paid. This requirement excludes students working part-time who are enrolled in a recognized educational institution. Many companies have a grace period or a qualifying period prior to commencement of insurance coverage, which is acceptable so long as the employee coverage begins by the 120th day of contract signing. Temporary employees will be covered to the same extent as the City of Tempe covers temporary employees as determined at the start of each project.
3. If a contractor is a "Union" shop and withholds union dues from employees for health insurance coverage that is also offered to their eligible dependents and meets all City requirements, the Contractor may so note on the required affidavit.
4. The health insurance requirements herein apply to all employees that are directly involved with the City of Tempe project including support and administrative personnel.
5. Health insurance coverage must be maintained during the entire time of the contract, including any warranty periods, with the City.
6. All complaints concerning violations of the health insurance requirements shall be filed by an employee, in writing, with the Public Works Department, within thirty (30) days from discovery of the violation. An administrative hearing will be held before the Public Works Manager, and a written decision of findings will be provided to the parties to the hearing within ten (10) days thereafter. Appeal from the decision

of the Public Works Manager may be made within ten (10) days of the date of the decision by filing a notice of appeal in writing with the Public Works Department. If an appeal is timely filed, an administrative hearing will be held before an administrative hearing officer appointed by the City Manager. The decision of the administrative hearing officer shall be final.

7. In the event of a finding by the City of a violation of the insurance provisions, the company in violation of the provision shall be barred from bidding on, or entering into, any public works contract with the City for a minimum period of three (3) years.
8. All consultants and contractors subject to the health insurance requirements shall post, in English and Spanish, notice of the health insurance requirements at their office and at the job site. Signs for posting will be provided by the City.

These "Guidelines for Implementation of Health Insurance", issued and dated this 21st day of August, 2002, hereby amend all guidelines previously issued.


Glenn Kephart, P.E.
Public Works Manager