

**URBAN COUNTY
PROGRAM**
Hidalgo County Commissioners' Court
Agenda Request Form

No. _____.

Date: November 13, 2006 Meeting Date Request: November 21, 2006

Deadline for Action: November 13, 2006 Contact Person: Diana R. Serna

Department: Urban County Program Phone: (956) 787-8127 Fax: (956)787-5291

Diana R. Serna, UCP Director _____

Caption:

- a. Requesting exemption from competitive bidding requirements under the Texas Local Government Code 262.024(a) (4) for professional engineering services with Halff Associates in connection with City of Weslaco for professional services for Year 19 (2006) Water/Sewer Improvements Projects within Weslaco.
- b. The City of Weslaco is requesting approval to award a professional service contract to Halff Associates in the amount of \$42,500.00 utilizing Years 19 (2006) funds for waterline improvements to First Street alley, Alley between First & Los Torritos, and three sections between Second and Molby.

Background:

- c. The City of Weslaco requests approval to enter into a professional service contract in the amount of \$42,500.00 utilizing Years 19 (2006) funds for waterline improvement upgrades to Alley on First St., Alley between First & Los Torritos, and three sections between Second & Molby. Halff Associates, was the highest rated firm out of three evaluated. Attached for your review is an itemized scope of services and recommendation letter. Recommendation to approve by City and UCP Staff.

Total Contract Amount: \$ **42,500.00**
Available Funds: \$ **288,000.00 (FY 19-2006)**

Deputy Director: _____ Manager: _____ Finance: *Fmm*

Please initial for approval:

Legal Counsel _____ **Budget** _____ **Human Resources** _____

Dept./Fund No. _____ Amt. Expended: \$ _____ Funds/Staffing Budgeted: Yes: _____ No: _____
Account Code: _____ Impact on Future Budget: Yes _____ No _____

Comments:

Action taken by Commissioner's Court:

Approved _____ Tabled _____ Denied _____ Motion made by _____ Seconded _____ Vote _____

City of Weslaco

"The City on the Grow"



JOE V. SÁNCHEZ, Mayor
JOHN F. CUELLAR, Mayor Pro-Tem
HECTOR "BUDDY" DE LA ROSA, Commissioner
SOYLA R. GONZALEZ, Commissioner
ADRIAN GONZALEZ, Commissioner

ANTHONY COVACEVICH, City Manager

November 8, 2006

Ms. Diana R. Serna, Executive Director
County of Hidalgo
Urban County Program
1916 Tesoro Blvd.
Pharr, Texas 78577

RE: Water Line Improvement Project (2006)

Dear Ms. Serna:

The City of Weslaco is requesting to be placed on the agenda for Hidalgo County Commissioners Court to approved Half Associates's Professional Service Contract for Water Line Improvement Project at an estimated engineering fee of \$42,500.00. Attached you will find a copy of the City Secretary's Certificate where City Commission approved the City Staff recommendation.

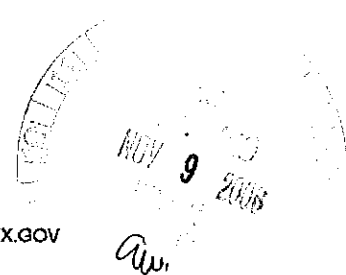
The Weslaco City Commission approved the proposal submitted by Half Associates at their regular meeting of November 7, 2006. I have enclosed the necessary documentation.

Thank you for your prompt attention to this matter.

Sincerely,

Anthony Covacevich
City Manager

Attachment



City of Weslaco
Professional Engineering Services
Waterline Improvements
FY 18
Grading-Ranking Grid

CRITERIA	Halff & Associates, Inc.			Sigler, Winston, Greenwood & Associates			L & G Engineering		
	Grader 1	Grader 2	Grader 3	Grader 1	Grader 2	Grader 3	Grader 1	Grader 2	Grader 3
Experience	54	53		50	53		44	53	
Work Performance	23	21		18	25		21	25	
Capacity to Perform	15	12		13	14		13	14	
Affirmative Action	5	4		5	5		5	5	
TOTALS	97	90		86	97		83	97	
AVERAGES	93.5%	93.5%		91.5%	91.5%		90	90	
RANKING	1	1		2	2		3	3	

CERTIFICATE

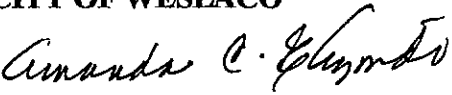
I, Amanda C. Elizondo, City Secretary of the City of Weslaco, Texas, **DO HEREBY CERTIFY**, that the Weslaco City Commission at their regular meeting of November 7, 2006 approved the following items:

- 1) Final payment to All Pro Contractors in the amount of \$19,000 for the Rehabilitation of the Library Roof Project and the replacement of the air condition units and authorize the Mayor to execute the Sub-Contractor's Final Release and Waiver of Liens.
- 2) The scope of service and engineering fees from Halff & Associates for professional services for the Water Line Improvements Project in the amount of \$42,500 utilizing the Urban County Program Year 19 (2006) funds.

I certify that such action of the Weslaco City Commission is recorded in Volume 43 of the Weslaco Minute Book.

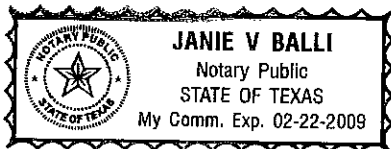
DATED this 8th day of November, 2006.

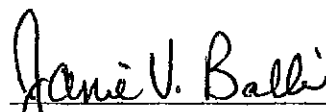
CITY OF WESLACO


Amanda C. Elizondo
City Secretary

NOTARY

SWORN AND SUBSCRIBED before me, this 8th day of November, 2006 that the above facts are true and correct to the best of her knowledge.




Janie V. Balli, Notary Public
My Commission expires: 02/22/09

STATE OF TEXAS COUNTY OF HIDALGO

October 23, 2006

City of Weslaco
255 South Kansas Avenue
Weslaco, Texas 78596

Fax No. 973-3128

Attn: Ms. Sylvia Martinez
Community Development Coordinator

RE: Water line and Street Rehabilitation Project
Urban County Work Plan 2006

Dear Ms. Martinez:

Halff Associates is pleased to present this revised lump sum fee proposal for engineering services. This proposal includes preparation of construction documents for waterline and street rehabilitation for specific areas within the City Limits of the City of Weslaco and outlined in the attached Scope of Services.

A detailed work plan is attached as Exhibit A and a breakdown of the engineering fee is included as Exhibit B. Invoices will be submitted monthly and will be based on percent complete of the project tasks outlined in Exhibit B.

Please call me at (956) 664-0286 if you have any questions. We look forward to working with you on this very important public improvement project.

Sincerely,

HALFF ASSOCIATES, INC.



Robert L. Saenz, P.E.
Civil Engineer Department Manager

 **COPY**

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TRANSPORTATION • WATER RESOURCES • LAND DEVELOPMENT • MUNICIPAL • ENVIRONMENTAL • STRUCTURAL
MECHANICAL • ELECTRICAL • SURVEYING • GEOGRAPHIC INFORMATION SYSTEMS
ARCHITECTURE • LANDSCAPE ARCHITECTURE • PLANNING

EXHIBIT A
Scope of Work
for the
City of Weslaco
Waterline Improvement and Street Rehabilitation Project

Half Associates, Inc. will provide survey, design, bidding, and construction administration services for the City of Weslaco Waterline and Street Rehabilitation Project in accordance with the following Work Plan:

Task A	Replace 12" waterline on First Street from alley between Texas Blvd. and Kansas Street to Garza Ave.; thence 6" waterline from Garza to an Alley just east of Cantu; Provide a pavement re-surfacing of 1 st Street	1800 LF
Task B	Install 6" waterline along alley between First Street & Los Torritos Street between Calle de Republica and Calle de Libertad	1300 LF
Task C	Install 6" waterline along alley between Molby and 2 nd Street and between Zamora and Bridge Avenue	600 LF
Task D	Install 6" waterline along alley between Molby and 2 nd Street and between Zamora and Guerra	600 LF
Task E	Install 6" waterline along alley between Guerra Street and Paseo Del Norte from 2 nd Street to Molby Street	500 LF

DESIGN PHASE

I. Project Kickoff and Utility Coordination

- A. Halff Associates will meet with key project members and identify project components.
- B. Develop project scheduling and set project milestones.
- C. Halff Associates will coordinate and review available record drawings with utility companies and identify their location and any potential conflicts.

II. Survey for Design

- A. Establish vertical and horizontal control for the design to be later used for the construction phase.
- B. Obtain all necessary topography required to prepare detailed design and construction documents.
- C. Locate and tie down all utility within proposed street corridor.

III. Development of Construction Documents

- A. Prepare construction documents for this waterline improvement and street rehabilitation project.
 - 1. Halff Associates proposes to prepare plan sheets for areas listed above;
 - 2. Identify utility conflicts and prepare utility relocation plan;
 - 3. Prepare a traffic control plan;
 - 4. Prepare a suggested erosion control plan;
 - 5. Prepare typical details;
 - 6. Prepare specifications.

IV. Bidding Phase

- A. Prepare Bidding Advertisement (advertisement to be paid for and coordinated by City)
- B. Administer the bidding process and answer questions that may arise; (Construction documents will be sold to prospective contractors to include printing cost and administration fee. Documents will be nonrefundable)
- C. Prepare addendums as required;
- D. Attend and present at prebid meeting;
- E. Attend and conduct bid opening;
- F. Prepare bid tab and evaluate bids;
- G. Prepare and provide city with engineer's recommendation.

CONSTRUCTION PHASE

V. Construction Administration

- A. Provide 3 sets of construction documents to the City; additional sets will be made available through a reimbursable expense
- B. Attend and conduct preconstruction meeting;
- C. Review submittals and shop drawings;
- D. Address Request for Information, (RFI);
- E. Review and verify Contractors pay request;
- F. Periodic Site visits (1 per month);
- G. Attend final walk thru and develop a punch list of outstanding needing corrective measures.
- H. Prepare record drawings from contractor's set of field drawings.

EXHIBIT B

<u>Task</u>	<u>Fee Breakdown</u>
I. Project kickoff and Utility Coordination	\$ 1,000.00
II. Survey for Design	\$ 8,000.00
III. Development of Construction Documents	\$26,500.00
IV. Bid Phase	\$ 2,000.00
V. Construction Administration	\$ 3,000.00
<u>Other Fees</u>	
Estimated Reimbursables (printing, mileage, and delivery cost)	\$ 2,000.00
Total Services for Design and Construction Services	<u>\$ 42,500.00</u>

Exhibit "C" includes services that are not included within the Scope of Work but can be provided by Halff Associates.

EXHIBIT "C"

1. Geotechnical consulting;
2. Landscape Architectural services;
3. Quality control and material testing services during construction;
4. Filing and permit fees;
5. Traffic engineering report or studies;
6. Traffic engineering design;
7. Design of signage, entry features, or monuments, except that which is specified in Scope of Service;
8. Construction administration, except as specifically identified in Schedules I of this proposal;
9. Full time construction administration and/or any other full time construction related services;
10. Floodplain studies, reclamation plans, hydrologic or hydraulic studies;
11. Design of any utilities or grading within the building limits;
12. Design of retaining walls, review of walls designed by others, or inclusion of structural details, except that which is specified in Scope of Service;
13. Parking area lighting plan, striping plan for areas other than parking stalls, and fencing plan, except that which is specified in Scope of Service;
14. Design/coordination of existing utility relocations or modifications;
15. Design/coordination of existing off-site utility relocations or modifications;
16. Design for relocation, adjustment and/or demolition of existing improvements or infrastructure;
17. Design of fire protection, irrigation, power, cable, phone and gas systems to serve the site;
18. Title Research required for Boundary, Plats, easements, and exhibits;
19. Demolition plans;
20. Negotiations with adjacent property owners;
21. Specific Tree Survey on selected site or Improvement Survey once project is complete;
22. Environmental impact statements and assessments;
23. Preparation of off-site easements of any kind shall be considered an additional service;
24. Schedules and fees assume that property is located on a tract of land served by roadways and utilities adjacent to the site;
25. Swimming Pool and fountain design.
26. Site visitation in excess of that which is specified in Scope of Service
27. Preparation of as-built drawings
29. Preparation of calculation submittals
30. Preparation of building permit submittals
31. Payment of filing fees, permit fees, sales or professional services taxes, if applicable
32. Floodplain Evaluations as may be required by entity having jurisdiction

ATTACHMENT "D"
STANDARD FORM OF AGREEMENT BETWEEN CLIENT AND ENGINEER FOR
PROFESSIONAL SERVICES

THIS IS AN AGREEMENT EFFECTIVE THE LATEST DATE OF EXECUTION AS PROVIDED BELOW BETWEEN
CITY OF WESLACO (CLIENT), AND HALFF ASSOCIATES, INC. (ENGINEER).

I. SCOPE

Halff Associates, Inc. (hereinafter "Engineer") agrees to perform the services described in the attached Scope of Services, Exhibit A, which incorporates these terms and conditions. Unless modified in writing by the parties hereto, the duties of Halff shall not be construed to exceed those services specifically set forth in the Scope of Services. The Scope of Services and these General Terms and Conditions, when executed by City of Weslaco (hereinafter "Client"), shall constitute a binding Agreement on both parties.

II. COMPENSATION

Client agrees to pay monthly invoices or their undisputed portions within 30 days of receipt. Payment later than 30 days shall include interest at 1-1/2 percent per month or lesser maximum enforceable interest rate, from the date the Client received the invoice until the date Engineer receives payment. Such interest is due and payable when the overdue payment is made.

It is understood and agreed by the parties that receipt of payment(s) by Engineer from Client is in no way contingent upon Client's receipt of payment, funding, reimbursement or any other remuneration from others.

Time-related charges will be billed as specified in this Agreement. Unless stated otherwise in this Agreement, direct expenses will be billed at actual cost and subcontracted services and costs will be billed at actual cost plus a service charge of 10 percent. Mileage incurred will be billed at current IRS rates.

III. RESPONSIBILITY

Engineer is employed to render a professional service only, and any payments made by Client are compensation solely for such services rendered and recommendations made in carrying out the work. Engineer shall follow the standard practices of the engineering profession to make findings, provide opinions, make factual presentations, and provide professional advice and recommendations. Engineer shall not be required to provide any certification, assignment or warranty of its work but, upon request and for a separate fee, Engineer may provide written statements regarding its services under this Agreement. Such statements shall be in a form acceptable to Engineer and shall be requested with sufficient advance notice to allow Engineer to review the documents and prepare a suitable statement.

Engineer's review or supervision of work prepared or performed by other individuals or firms employed by Client shall not relieve those individuals or firms of complete responsibility for the adequacy of their work.

It is understood that any resident engineering or inspection provided by Engineer is for the purpose of determining compliance with the technical provisions of the project specifications and does not constitute any form of guarantee or insurance with respect to the performance of a contractor. Engineer does not assume responsibility for methods or appliances used by a contractor, for safety of construction work, or for compliance by contractors with laws and regulations.

IV. SCOPE OF CLIENT SERVICES

Client agrees to provide site access, and to provide those services described in the attached Scope of Services.

V. OWNERSHIP OF DOCUMENTS

Upon Engineer's completion of services and receipt of payment in full, Engineer grants to Client an exclusive license to all drawings, instruments and data produced in connection with Engineer's performance of the work under this Agreement. Said drawings, instruments and data may be copied, duplicated, reproduced, used and disclosed by Client for any purposes Client deems appropriate in connection with the work under this Agreement. **Client agrees that such documents are not intended or represented to be suitable for reuse by Client or others for purposes outside the Scope of Services of this Agreement.** Any reuse by Client, or by those who obtain said information from Client, without written verification or adaptation by Engineer will be at Client's sole risk and without liability or legal exposure to Engineer, Engineer's subconsultants or independent associates. Client shall indemnify Engineer, Engineer's subconsultants and independent associates for all damage, liability or cost arising therefrom. Engineer may reuse all drawings, reports, data and other information developed in performing the services described by this Agreement in Engineer's other activities.

VI. INDEMNIFICATION

Engineer agrees to indemnify and hold Client harmless from any actual damage, liability or costs, including reasonable attorney's fees and expenses, to the extent caused directly by a negligent act or omission or willful misconduct of Engineer, Engineer's subconsultants or those for whom Engineer is legally liable, in the performance of the professional services which are the subject of this Agreement.

In the event that Client is found to be concurrently negligent, Engineer shall not indemnify for the proportionate negligence of Client, but shall indemnify for the portion of negligence solely attributable to Engineer, its agents, servants, employees, and subcontractors of any tier, their agents, servants and employees.

Neither party shall be liable to the other for incidental or consequential damages, whether or not the possibility of such damages has been disclosed or could have been reasonably foreseen.

The parties shall indemnify one another against damages of third parties recoverable from the indemnitee to the extent caused by the comparative negligence of the indemnitor. **Such negligence shall be measured by standards in effect at the time services are rendered, not by later standards. All legal actions by either party against the other arising out of or in any way connected with the services to be performed hereunder shall be barred and under no circumstances shall any such claim be initiated by either party after three (3) years have passed from the date of issuance of the Certificate of Completion, unless the Engineer's services shall be terminated earlier, in which case the date of termination of this Agreement shall be used.**

Client acknowledges Engineer may perform work at facilities that may contain hazardous materials or conditions, and that Engineer had no prior role in the generation, treatment, storage, or disposition of such materials. In consideration of the associated risks that may give rise to claims by third parties or employees of Client, Client agrees to indemnify, defend, and hold Engineer harmless (including attorneys' fees) from any and all losses, damages, claims, or actions brought by any third party or employee of Client against Engineer or Engineer's

HALFF ASSOCIATES, INC.
General Terms and Conditions (continued)

employees, agents, officers or directors, in any way arising out of the presence of hazardous materials at the facilities, except for claims shown by final judgment of a court of competent jurisdiction to arise out of the sole negligence of Engineer.

VII. INSURANCE

Engineer shall maintain during the life of the Agreement the following minimum insurance:

- A. Commercial general liability insurance, including personal injury liability, blanket contractual liability, and broad form property damage liability. The limit shall be not less than \$1,000,000.
- B. Automobile bodily injury and property damage liability insurance with a limit of not less than \$1,000,000.
- C. Statutory workers' compensation and employers' liability insurance as required by state law.
- D. Professional liability insurance.

VIII. SUBCONTRACTS

Engineer shall be entitled, to the extent determined appropriate by Engineer, to subcontract any portion of the work described in the Scope of Services.

IX. ASSIGNMENT

This Agreement is binding on the heirs, successors, and assigns of the parties hereto. Neither this Agreement, nor any claims, rights, obligations or duties associated hereto, shall be assigned or assignable by either Client or Engineer without the prior written consent of the other party.

X. INTEGRATION

These terms and conditions and the letter agreement (Scope of Services) to which they are attached represent the entire understanding of Client and Engineer as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered herein. The Agreement may not be modified or altered except in writing signed by both parties.

XI. JURISDICTION AND VENUE

This Agreement shall be administered and interpreted under the laws of the State in which the Engineer's office performing the majority of the work described in the Scope of Services is located. Jurisdiction of litigation arising from the Agreement shall be in that State. If any part of the Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void insofar as it is in conflict with said laws, but the remainder of the Agreement shall be in full force and effect. Exclusive venue shall lie in the county in which the Engineer's office performing the majority of the work described in the Scope of Services is located.

XII. SUSPENSION OF SERVICES

- A. If work under this Agreement is suspended for more than thirty (30) calendar days in the aggregate, the Engineer shall be compensated for services performed and charges incurred prior to receipt of notice to suspend and, upon resumption, an equitable adjustment in fees to accommodate the resulting demobilization and mobilization costs. In addition, there shall be an equitable adjustment in the work schedule based on the delay caused by the suspension. If work under this Agreement is suspended for more than ninety (90) calendar days in the aggregate, the Engineer may, at its option, terminate this Agreement upon giving notice in writing to the Client. Engineer may request that the work be suspended by notifying Client, in writing, of circumstances that are interfering with normal progress of the work.

- B. If the Client fails to make payments when due or otherwise is in breach of this Agreement, the Engineer may suspend performance of services upon five (5) calendar days notice to the Client. The Engineer shall have no liability whatsoever to the Client for any costs or damages as a result of such suspension caused by any breach of this Agreement by the Client.

XIII. TERMINATION OF WORK

Either the Client or the Engineer may terminate this Agreement at any time with or without cause upon giving the other party ten (10) calendar days prior written notice. Client agrees that termination of Engineer for Client's convenience shall only be utilized in good faith, and shall not be utilized if the purpose or result is performance of all or part of Engineer's services under this Agreement by Client or by another service provider. The Client shall within ten (10) calendar days of termination pay the Engineer for all services rendered and all costs incurred up to the date of termination, in accordance with the compensation provisions of this contract.

XIV. TAXES

The fees and costs stated in this Agreement, unless stated otherwise, exclude all sales, consumer, use and other taxes which are promulgated following execution of this Agreement. Client agrees to reimburse Engineer and its subconsultants for the taxes paid by Engineer and its subconsultants in accordance with the laws and regulations of the applicable taxing authorities.

XV. ALTERNATIVE DISPUTE RESOLUTION

Any conflicts that arise during the work described by this Agreement or following the completion thereof shall be submitted to nonbinding mediation unless the parties agree otherwise. The parties further agree to require all independent contractors and consultants retained in connection with this Agreement to include a similar mediation provision in all Agreements with subcontractors, subconsultants, suppliers or fabricators.

XVI. SEVERABILITY

In case any one or more of the provisions contained in this Agreement shall for any reason be held to be void, invalid, illegal, or unenforceable in any respect, such voiding, invalidity, illegality, or unenforceability shall not affect any other provision hereof and this Agreement shall be considered as if the entirety of such void, invalid, illegal, or unenforceable provision had never been contained in this Agreement.

XVII. TIMELINESS OF PERFORMANCE

The Engineer will perform its services with due and reasonable diligence consistent with sound professional practices.

XVIII. WAIVER

Any failure by Engineer to require strict compliance with any provision of this Agreement shall not be construed as a waiver of such provision, and Engineer may subsequently require strict compliance at any time, notwithstanding any prior failure to do so.

HALFF ASSOCIATES, INC.
General Terms and Conditions (continued)

APPROVED:

Engineer: HALFF ASSOCIATES, INC.

Signature:  _____

Typed or Printed Name: Robert L. Saenz

Title: Civil Department Manager

Date: October 23, 2006

APPROVED:

Client: CITY OF WESLACO

Signature: _____

Typed or Printed Name: _____

Title: _____

Date: _____

PRELIMINARY COST ESTIMATE FOR CITY OF WESLACO/URBAN COUNTY FY 2006 PROJECT

Revised 10/25/2006

<u>Task "A" Waterline Improvements along 1st Street</u>					
1	ROW Preparation	18	STA	\$ 500.00	\$ 9,000.00
2	12" PVC Water Line DR 18 C-900 w/ fittings	1,200	LF	\$ 35.00	\$ 42,000.00
3	6" PVC Water Line DR 18 C-900 w/ fittings	600	LF	\$ 25.00	\$ 15,000.00
4	Fire Hydrant Assembly	2	EA	\$ 3,000.00	\$ 6,000.00
5	12" Gate Valve	4	EA	\$ 2,000.00	\$ 8,000.00
6	6" Gate Valve	2	EA	\$ 1,200.00	\$ 2,400.00
7	1 1/2" HMAC Resurfacing; Includes removal and Haul	5,133	SY	\$12.00	\$ 61,596.00
8	8" Flexible Calche for Waterline Trench	733	SY	\$7.00	\$ 5,131.00
Sub-Total =					\$ 149,127.00
<u>Task "B" Waterline Improvements along alley between First Street & Los Torritos Street between Calle de Republica and Calle de Libertad</u>					
1	ROW Preparation	13	STA	\$ 500.00	\$ 6,500.00
2	6" PVC Water Line DR 18 C-900 w/ fittings	1,300	LF	\$ 25.00	\$ 32,500.00
3	Fire Hydrant Assembly	2	EA	\$ 3,000.00	\$ 6,000.00
4	6" Gate Valve	2	EA	\$ 1,200.00	\$ 2,400.00
5	Install new waterline services for Existing Residences	53	EA	\$ 600.00	\$ 31,800.00
Sub-Total =					\$ 79,200.00
<u>Task "C" Waterline Improvements along Alley between Molby and 2nd Street and between Zamora and Bridge Ave.</u>					
1	ROW Preparation	6	STA	\$ 500.00	\$ 3,000.00
2	6" PVC Water Line DR 18 C-900 w/ fittings	600	LF	\$ 25.00	\$ 15,000.00
3	Fire Hydrant Assembly	2	EA	\$ 3,000.00	\$ 6,000.00
4	6" Gate Valve	2	EA	\$ 1,200.00	\$ 2,400.00
5	Install new waterline services for Existing Residences	16	EA	\$ 600.00	\$ 9,600.00
Sub-Total =					\$ 36,000.00
<u>Task "D" Waterline Improvements along Alley between Molby and 2nd Street and between Zamora and Guerra.</u>					
1	ROW Preparallon	6	STA	\$ 500.00	\$ 3,000.00
2	6" PVC Water Line DR 18 C-900 w/ fittings	600	LF	\$ 25.00	\$ 15,000.00
3	Fire Hydrant Assembly	2	EA	\$ 3,000.00	\$ 6,000.00
4	6" Gate Valve	2	EA	\$ 1,200.00	\$ 2,400.00
5	Install new waterline services for Existing Residences	21	EA	\$ 600.00	\$ 12,600.00
Sub-Total =					\$ 39,000.00
<u>Task "E" Waterline Improvements along the alley between Guerra Street and Passo Del Norte from 2nd Street to Molby Street</u>					
1	ROW Preparation	6	STA	\$ 500.00	\$ 3,000.00
2	6" PVC Water Line DR 18 C-900 w/ fittings	550	LF	\$ 25.00	\$ 13,750.00
3	Fire Hydrant Assembly	2	EA	\$ 3,000.00	\$ 6,000.00
4	6" Gate Valve	2	EA	\$ 1,200.00	\$ 2,400.00
5	Install new waterline services for Existing Residences	14	EA	\$ 600.00	\$ 8,400.00
Sub-Total =					\$ 33,550.00
<u>MISCELLANEOUS IMPROVEMENTS</u>					
1	Erosion Control Measures and SWPPP	1	LS	\$ 5,000.00	\$ 5,000.00
2	Traffic Control along 1st Street	1	LS	\$ 2,500.00	\$ 2,500.00
3	Construction Staking	1	LS	\$ 8,500.00	\$ 8,500.00
Sub-Total =					\$ 16,000.00
Total = \$ 352,877.00					
2% Testing Fees = \$ 7,057.54					
20% Contingency = \$ 70,575.40					
TOTAL ESTIMATED COST = \$ 430,509.94					

Note: This statement was prepared utilizing standard cost estimate practices. It is understood and agreed that this is an estimate only, and that Engineer shall not be held liable to Owner or third party for any failure to accurately estimate the cost of the project, or any part thereof.

This estimate assumes the existing base material beneath street is acceptable and does not require treatment