



May 10, 2021

Eulogio Vera
Public Works Director
City of San Luis
1090 E. Union St.
San Luis, AZ 85349
Phone (928) 341-8577

**Re: West WWTP Evaluation
Professional Engineering Services Proposal**

#B777

Dear Mr. Vera,

PACE is pleased to provide our proposal for the evaluation of the West WWTP. Attached are our Scope of Services, Compensation, Labor and Expense Rate Schedule, Provisions and Labor Breakdown.

We appreciate the opportunity to be of service to the City of San Luis and look forward to the successful completion of the evaluation. Please contact me if there are any questions or if we may provide any additional information.

Sincerely,

A handwritten signature in blue ink that reads "MG Krebs".

Michael G. Krebs, P.E.
Vice President of Environmental Water Division

MGK/aj

Enclosures: Scope of Services, Compensation, Labor and Expense Rate Schedule, Provisions and Labor Breakdown.

cc: File

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PROPOSAL FOR PROFESSIONAL ENGINEERING SERVICES

*CITY OF SAN LUIS
WEST WWTP EVALUATION
#B777*

OBJECTIVE:

Consultant to perform the execution of an analysis of the existing San Luis West WWTP to explore upgrade options to improve water quality, improve the treatment process, improve energy efficiency, and to develop a plan to increase the existing plant capacity in phases.

SECTION A - SCOPE OF SERVICES:

A. Consultant agrees to perform the following services:

Task 10 – Project Management

- 1) Consultant shall perform the following for Meetings and PM coordination:
 - a. Attend a Kickoff Meeting and visit the site for initial information gathering.
 - b. Attend two (2) Progress Meetings that are to be scheduled. It is the intent that the meetings will take place at the deliverable milestones for review and discussion with the City of San Luis.
 - c. Provide project management services for the design portion of this project.

Task 11 – Data Collection & Review

- 1) Consultant shall perform data collection:
 - a. Consultant shall not obtain a survey for this scope of the work. It will be necessary for the design portion of the work.
 - b. Consultant shall not obtain a geotechnical investigation for this scope of the work. It will be necessary for the design portion of the work.
 - c. This task includes an on-site visit to coordinate the services listed above and to understand and evaluate the condition of the facility and its components.
 - d. Consultant shall review existing documents to include any and all survey, geotechnical report, plans and design reports to analyze the data to incorporate into the WWTP design.

Task 20 –Process and Energy Efficiency Evaluation

- 1) Process Evaluation: Consultant shall perform an evaluation of the major treatment processes listed below. The evaluation will determine the existing capacity and conditions of the process or equipment to meet the current design capacity and the expanded capacity of 3.0 MGD. In addition, non-process components of the facility, such as health & safety, permitting, etc., shall be evaluated to verify compliance.
 - a. Flow & Load (Diurnal Peaking)
 - b. Population & Flow Projections
 - c. Permitting & Effluent Requirements
 - d. Influent Pump Station
 - e. Head-works Screening & Grit Removal
 - f. Sequential Batch Reactor

- g. Blowers
- h. Aeration
- i. Effluent Wet Well & Pump Station
- j. Chlorine System
- k. Solids Digester
- l. Supernatant Pump Station
- m. Sludge Drying Beds
- n. Electrical
- o. Controls & SCADA
- p. Health & Safety

Task 21 – Process Upgrades and Phase 2 Expansion from 1.5 to 3.0 MGD

- 1) Consultant shall determine deficiencies based on evaluation performed in Task 20 and identify improvements needed to meet the expanded capacity of 3.0 MGD.
- 2) For improvements with multiple options, Consultant shall identify alternative options that may be explored in detail during the design stage of the project. Due to the potential for numerous options, this evaluation will only identify a maximum of three options and determine its feasibility based on consultant's experience with those options. Detailed evaluation will not be performed.
- 3) Consultant shall develop a conceptual layout of the recommended WWTP upgrades to meet the expanded capacity of 3.0 MGD. The conceptual layout shall include plan and section views of the facility proposed layout, including conceptual layout of equipment and electrical single line diagram of proposed upgrades.
- 4) Engineer's Cost Estimate: Consultant shall prepare an Engineer's Cost Estimate based on the recommended options.
- 5) Process Evaluation Report: Consultant shall prepare draft and final reports documenting the evaluation, recommendation, cost estimations, and conceptual layouts.

Deliverables for Tasks 20 and 21: WWTP Evaluation and Phase 2 Expansion Report

Task 22 – Phases 3 and 4 Expansion to 4.5 and 6.0 MGD

- 1) Consultant shall perform conceptual designs to determine the requirements to further expand the facility to 4.5 MGD in Phase 3 and 6.0 MGD in Phase 4. This task shall include a conceptual layout for each phase with an equipment list of major equipment needed to meet the expansion requirements.

Deliverables: Conceptual layout with equipment list

SECTION B - COMPENSATION:

PACE will complete the work outlined herein and invoice Client monthly on a percentage of completion basis, a fixed fee of **\$160,610** in accordance with the attached “Hourly Labor and Expenses Rates Schedule”.

<u>Task Description</u>	<u>Professional Fee</u>
10 Project Management	\$ 15,960
11 Data Gathering & Analysis	\$ 28,000
20 WWTP Evaluation	\$ 39,530
21 WWTP Improvement Options	\$ 54,005
22 West WWTP Plant Expansion Evaluation	\$ 23,115
TOTAL FEE:	\$ 160,610

ASSUMPTIONS AND EXCLUSIONS:

1. The Client’s responsibilities shall include providing PACE with the base data and project information in a timely manner, coordination and management of other team consultants to assure that the project schedule can be met, and prompt payment of invoices in accordance with the terms and conditions included herein. The specific items that are to be provided by the Client or other consultants include the following:
 - a. Client input pertaining to project design issues and requirements including scheduling.
 - b. Site land-use base plans with existing and proposed elevation contours in transferable computer format.
 - c. Geologic and soils investigation reports.
 - d. Existing and proposed hydrologic and drainage data, maps, and reports.
 - e. Any other data that directly impacts PACE ability to perform the design in an efficient and economic manner.
2. Any proposed project changes which affect work in progress or previously completed will be justification for additional compensation.
3. No environmental documentation or support, including no environmental permitting.
4. Local government approval meetings, hearings, etc., and preparation of presentation graphics will be under separate work authorization, if required.
5. Existing utility information research and mapping is not included and will be provided by Client, if needed.
6. For all the data delivered to PACE for the purpose of digital mapping, including but not limited to GIS and AutoCAD, PACE requires said data be delivered in one of the recognized standard coordinate systems such as the Stateplane Coordinate System or the Universe Transverse Mercator (UTM). In addition, PACE requires all datums, vertical and horizontal, be documented in a metadata sheet and be included along with the delivered data. If the coordinate system is in what is often referred to as a “Local Coordinate System,” and the deliverer does not have the capability to convert data into one of the recognized standard coordinate systems, PACE requires a Control Conversion document (CCD) be included in the deliverable. The CCD will include all the necessary coordinate transformation information and scale factors needed to make an accurate translation of the data to PACE’s acceptable coordinate systems. If this information is not available, PACE will require an addendum to this proposal to include Time and Materials used to translate the delivered data into the appropriate standard coordinate system.

7. The fees proposed herein shall apply until one year from date of proposal. Due to ever-changing costs, Consultant will increase those portions of the contract fee for which work must still be completed after one year from date of proposal, as negotiated with the Client up to a maximum of ten-percent (10%).



2021 HOURLY LABOR RATES

Principal	\$255
Sr. Project Manager / Sr. Consulting Engineer	\$225
Sr. Electrical Engineer / Sr. GIS Analyst	\$215
Project Manager / Consulting Engineer / Sr. I&C Specialist	\$210
Sr. Project Engineer / Sr. Design Engineer	\$185
Instrumentation & Controls Specialist	\$155
Project Engineer / Design Engineer II	\$160
Sr. CAD Designer	\$140
Design Engineer	\$130
Graphic Designer	\$110
CAD Designer / GIS Analyst	\$110
Project Coordinator	\$95
Administrative Support	\$85
Assistant Designer	\$80
G.P.S. Survey Unit (w/ Operator)	\$240
Expert Witness / Legal Consultation	\$350 + Exp.

REIMBURSABLE EXPENSE RATES*

	Units	Cost
Travel		
Mileage (Per Mile)	Mile	\$0.56
Airfare, Auto Rental, Hotel		At Cost
Misc. Travel (Parking, tax, tolls, meals, etc.)		At Cost
Per Diem (Contract Rate)	DAY	Contract Rate
Outside Reproduction		At Cost
Shipping (FedEx, UPS, Courier, etc.)		At Cost
Misc. (Review Fees, Specific Charges)		At Cost
Reproduction (In-House)		
Sheet Bond - B/W Prints and Copies – All sizes (8 ½ x 11 to 12 x18)	SF	\$0.16
Sheet - Color Prints and Copies – All sizes	SF	\$1.20
Sheet - Glossy Color Print/Photo – All sizes	SF	\$2.60
Roll - Plots and Copies (Roll Paper)		
- Bond (B/W)	SF	\$0.88
- Bond (Color)	SF	\$1.56
Roll - Vellum or Mylar Plots	SF	\$2.60
Roll - Glossy Color Plot Exhibits (Roll Paper)	SF	\$3.12
Report 3-Ring Binders		
≤ 1.5"	EA	\$10.40
1.5" to 3"	EA	\$15.60
> 3"	EA	\$26.00
Coil or GBC Punch Binding	EA	\$1.04

*Note: All reimbursable expenses will be invoiced at the above rates + 10%



AGREEMENT BETWEEN CLIENT AND CONSULTANT

AGREEMENT ENTERED INTO AT Scottsdale, AZ made this 10th day of May 2021, by and between **City of San Luis** hereinafter called "Client," and **Pacific Advanced Civil Engineering, Inc. (PACE)**, a California corporation, herein called "Consultant."

Client and Consultant agree as follows:

A. Client retains Consultant to perform services for:

Consultant to perform the execution of an analysis of the existing San Luis West WWTP to explore upgrade options to improve water quality, improve the treatment process, improve energy efficiency, and to develop a plan to increase the existing plant capacity in phases.

hereinafter called "Project."

B. Consultant agrees to perform the following scope of services:

(See attached Scope of Services – Section "A" for a detailed description)

C. Client agrees to compensate Consultant for such services as follows:

Fee

(See attached Compensation Page – Section "B" for a detailed description)

D. This Agreement is subject to Provisions of Agreement 1 through 28 attached herewith, and the terms and conditions contained in initialed exhibits attached herewith and made a part hereof.

IN WITNESS WHEREOF, the parties hereby execute this agreement upon the terms and conditions stated above and on the day and year indicated above.

Pacific Advanced Civil Engineering, Inc. (PACE)

CLIENT: City of San Luis

By: Michael G. Krebs

By: _____

Name: Michael G. Krebs, PE

Name: _____

Title: Vice President of Environmental Water

Title: _____

Job #: B777

Date: _____

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GENERAL PROVISIONS ATTACHED TO THAT CERTAIN

AGREEMENT BETWEEN CLIENT AND CONSULTANT

DATED May 10, 2021 (collectively, the "Agreement")

Pacific Advanced Civil Engineering, Inc. (PACE) shall be hereinafter referred to as "CONSULTANT" and **City of San Luis** will be hereinafter referred to as "CLIENT" with respect to the "PROJECT" known as "**West WWTP Evaluation**".

GENERAL

1. In the performance of the services under the Agreement, CONSULTANT shall at all times be an independent contractor, contracting services to CLIENT solely pursuant to the Agreement, and CONSULTANT is not, nor shall CONSULTANT represent CONSULTANT to be at any time, an agent or employee of CLIENT except as expressly set forth in the Agreement.
2. CLIENT agrees to cooperate in any and every way or manner with CONSULTANT on the PROJECT.
3. In addition to the printed provisions, the drawings and specifications shall become the property of CLIENT at completion of construction of the PROJECT. The CLIENT shall not reuse project design, drawings, and specifications without written consent of CONSULTANT. CONSULTANT will provide reproducible transparencies of the final PROJECT plans to CLIENT at completion of construction of the PROJECT. CONSULTANT, however, does not assume any professional responsibility or liability for use of the final plans and/or the drawings or specifications at any location other than this particular PROJECT site. CLIENT will defend, indemnify and hold CONSULTANT harmless from any errors and/or omissions arising out of the use of the final plans and/or the drawings and specifications at any other location.
4. All agreements on CONSULTANT'S part are contingent upon and subject to, the fact that CONSULTANT shall not be responsible for damages, or be in default or be deemed to be in default, by reason of delays in performance by reason of strike, lockouts, accidents, acts of God and other delays unavoidable or beyond CONSULTANT'S reasonable control or due to shortages or unavailability of labor at established area wage rates or delays caused by failure of CLIENT or CLIENT'S agents to furnish information or to approve or disapprove CONSULTANT'S work promptly, or due to late or slow, or faulty performance by CLIENT or Client's consultants or contractors, or by governmental agencies. In the case of the happening of any such cause of delay, the time of completion of CLIENT'S work under the Agreement shall be extended accordingly.
5. In the event that all of the obligations of CONSULTANT or CLIENT, respectively, required to be performed under the Agreement have not been performed as agreed for any reason other than a default by other party hereto, the non-defaulting party shall have the right, upon giving 30 calendar days prior written notice to the other party hereto, to terminate the Agreement and CONSULTANT shall be paid to the date of termination for all services rendered and cost incurred hereunder.
6. CONSULTANT makes no warranty, either expressed or implied, as to CONSULTANT'S findings, recommendations, specifications or professional advice except that these were promulgated after being prepared in accordance with generally accepted Civil Engineer practices and under the direction of a Civil Engineer and/or a professional staff.
7. CONSULTANT makes no representations concerning soil conditions unless specifically included in writing in the Agreement and CLIENT is not responsible for any liability that may arise out of the making, or any failure to make, soil surveys or subsurface soil tests or general soil testing.
8. CONSULTANT makes no representation concerning construction cost figures estimated in connection with maps, plans, specifications or drawings other than that all cost figures are estimates only.
9. In consideration of CONSULTANT'S fee for services, CLIENT agrees that, unless otherwise specified, CONSULTANT will perform no on site construction review for this PROJECT, unless specifically included in writing in this Agreement, that such services will be provided by others and that CLIENT shall defend, indemnify and hold CONSULTANT harmless from any and all liability, real or alleged, that might be occasioned by others performing construction review for this PROJECT.
10. CLIENT agrees that in accordance with generally accepted construction practices, the construction contractor will be required to assume sole and complete responsibility for the PROJECT site, including safety of all persons and property; that this requirement shall be made to apply continuously and not be limited to normal working hours and CLIENT further agrees to defend, indemnify and hold CONSULTANT harmless from any and all liability, real or alleged, in connection with the performance of work of this PROJECT, except liability arising from the sole negligence of CONSULTANT.
11. Notwithstanding anything else to the contrary contained herein or in the Agreement, CLIENT agrees to limit CONSULTANT'S exposure to liability and damages to CLIENT and to all contractors and subcontractors on the PROJECT, due to professional negligent acts, errors or omissions of CONSULTANT, to the lesser of the limits of CONSULTANT'S errors and omissions and general liability insurance policies, or the fee paid to CONSULTANT for the performance of the services under the Agreement. **IN NO EVENT WILL CONSULTANT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, EXPENSES, LOST PROFITS, OR OTHER DAMAGES ARISING OUT OF THE PERFORMANCE OR NON-PERFORMANCE OF THE SERVICES UNDER THE AGREEMENT, EVEN IF CONSULTANT HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. THIS SECTION WILL SURVIVE THE TERMINATION OF THE AGREEMENT.**
12. Upon written request, each of the parties hereto shall execute and deliver, or cause to be executed and delivered, such additional instruments and documents which may be necessary and proper to carry out the terms of the Agreement.
13. The terms and provisions of the Agreement shall not be construed to alter, waive or affect any lien or stop notice rights, which CONSULTANT may have for the performance of services under the Agreement.
14. No conditions or representations, altering, detracting from or adding to the terms of the Agreement or hereof shall be valid unless printed or written hereon or evidenced in writing by either party to the Agreement and accepted in writing by the other party hereto.
15. One or more waivers of any term, condition or covenant by CONSULTANT shall only be effective if in writing and shall not be construed as a waiver of any subsequent breach of the same or any other term, condition or covenant.
16. In the event any provision of the Agreement shall be held to be invalid and unenforceable, the other provisions of the Agreement shall be valid and binding on the parties hereto.

17. Should litigation be necessary to enforce any term or provision of the Agreement, or to collect any portion of the amount payable under the Agreement, then all litigation and collection expenses, witness fees and court costs and attorneys' fees shall be paid to the prevailing party.
18. The Agreement binds CONSULTANT and CLIENT and their successors and permitted assigns. Neither party hereto shall assign or transfer, whether by operation of law or otherwise, all or any portion of such party's interest, rights or obligations in the Agreement without the prior written consent of the other party hereto.
19. The Agreement and the documents, drawings, plans and specifications referred to therein, and these General Provisions, constitute the entire agreement of the parties hereto with respect to the matters set forth therein and herein and are the final, complete and exclusive expression of the terms and conditions thereof. All prior or contemporaneous agreements, representations, negotiations and understandings of the parties hereto, oral or written, express or implied, are hereby superseded and merged herein.
20. The Agreement shall be construed and enforced in accordance with the laws of the State of Arizona. Each Party hereby irrevocably consents that all proceedings arising in connection with the Agreement shall be tried and litigated exclusively in the State and Federal courts located in the Maricopa County, State of Arizona. The aforementioned choice of venue is intended by the parties to be mandatory and not permissive in nature, thereby precluding the possibility of litigation between the parties with respect to, or arising out of, the Agreement in any jurisdiction other than that specified in this Section.
21. All notices, demands or other communications given hereunder shall be in writing and shall be delivered personally, by facsimile or electronic mail transmission, or by United States certified or registered mail, return receipt requested, postage prepaid, addressed to the address for such party set forth in the Agreement. All notices shall be deemed given upon the earliest of receipt, confirmed facsimile or electronic mail transmission, or three 3 calendar days after deposit in the United States mail.
22. In the event of any conflict or inconsistency between the provisions of these General Provisions and the provisions of the Agreement, the provisions of these General Provisions shall control.
23. Conflict of Interest. This Agreement is subject to the cancelation provisions of A.R.S. §38-511.
24. Employment Eligibility. Under A.R.S. § 41-4401: (1) CONSULTANT warrants its compliance with all federal immigration laws and regulations that relate to its employees and its compliance with A.R.S. § 23 214, subsection A, (2) That a breach of a warranty under paragraph 1 shall be deemed a material breach of the Agreement that is subject to penalties up to and including termination of the contract, and (3) That the CLIENT retains the legal right to inspect the papers of any contractor or subcontractor employee who works on the Agreement to ensure that the contractor or subcontractor is complying with the warranty under paragraph 1.

PAYMENT

25. CONSULTANT shall present all invoices to CLIENT prior to the last day of each calendar month based upon percentage of completion, per the fee set forth in the Agreement. Invoices shall be due and payable when delivered. Payment is to be made at 17520 Newhope Street, Suite 200, Fountain Valley, CA 92708.
26. CLIENT shall promptly review invoices and notify CONSULTANT of any objection thereto; absent such objection in writing within 10 calendar days of the date of the invoice, the invoice shall be deemed proper and acceptable and immediately payable in full.
27. If the undisputed amount of any invoice is not paid within 30 calendar days of the date of the invoice, such undisputed amount shall commence bearing interest from the date of the invoice at the rate of 1.5% per month or the maximum rate allowed by law, whichever is greater, and CLIENT agrees to pay all accrued interest thereon, together with the undisputed amounts set forth in such invoice.
28. In the event that any undisputed amount of any invoice is not paid in full within 60 calendar days following the date of the invoice, such failure shall constitute a material breach of the Agreement and CONSULTANT may exercise all rights and remedies CONSULTANT may have at law, in equity or under the Agreement with respect to such material breach including, without limitation, termination of the Agreement following 10 calendar days' written notice of such material breach to CLIENT and CLIENT'S failure to cure such breach within such 10-day period.
29. CLIENT shall pay, in addition to the stated fee, the cost of all reimbursable items such as fees, permits, bond premiums, title company charges, delivery charges, blueprints, and reproductions and all other charges and expenses not specifically covered by the terms of the Agreement. In the event such reimbursable items are paid directly by CONSULTANT, then such charges and expenses shall be invoiced at CONSULTANT'S direct cost **plus** 10% for handling.
30. Any additional services not covered in the Scope of Work of the Agreement, which CLIENT requests CONSULTANT to perform, such as site reconnaissance and inspections during construction, additional visits out of town or to other places of business, will be requested in writing and will be invoiced on a time and material basis based on CONSULTANT'S then current schedule of fees and costs.



**ENGINEERING FEE ESTIMATE
PROJECT WORKSHEET**

Project Data	
Project Name:	San Luis West WWTP
Client:	City of San Luis
PACE Job Number:	B777
Estimate Date:	05/10/2021

2021 PACE Hourly Rate Schedule	
Description	Hourly Rate
Principal	\$255
Sr. Proj. Mgr./Sr. Consulting Engr.	\$225
Sr. Electrical Engineer / Sr. GIS Analyst	\$215
Project Manager /Consulting Engr./Sr. I&C Specialist	\$210
Sr. Proj. Engr./Sr. Design Engr.	\$185
Instrumentation & Controls Specialist	\$155
Proj. Engr./Design Engineer II	\$160
Design Engineer	\$130
Sr. CAD Designer	\$140
CAD Designer/GIS Analyst	\$110
Graphic Designer	\$110
Project Coordinator	\$95
Administrative Support	\$85
Assistant Designer	\$80
G.P.S. Survey Unit (w/Operator)	\$240
Expert Witness/Legal Consultation	\$350 + Exp.

Total Fee Amount: \$160,610

Item No.	Work Item Description	Estimated Manhours								Man-Power Subtotal	Subconsultant Cost	Reimburs. Expenses	Total Task Costs
		Principal	Sr. Electrical Engineer/Sr. GIS Analyst	Project Mgr./ Consulting Engr./ Sr. I&C Specialist	Instrumentation & Controls Specialist	Project Engineer /Design Engr. II	Design Engineer	Sr. CAD Designer	Admin Support				
		255	215	210	155	160	130	140	85				
10	Project Management									\$14,760	\$0	\$1,200	\$15,960
10.1	Project Management	24							16	\$7,480			\$7,480
10.2	Meetings & Presentations	16		12					8	\$7,280		\$1,200	\$8,480
11	Data Gathering & Analysis									\$26,000	\$0	\$2,000	\$28,000
11.1	Data Gathering Site Visit	8	16	16	16				24	\$13,360		\$1,500	\$14,860
11.2	As-built & Equipment Review	2	4	8		12				\$4,970			\$4,970
11.3	Obtaining Field Data & Coordinate w/Operators	2	2	8		8			2	\$4,070			\$4,070
11.4	Field Testing			8		12				\$3,600		\$500	\$4,100
20	Process and Energy Efficiency Evaluation									\$39,530	\$0	\$0	\$39,530
20.1	Flow & Load Evaluation (diurnal peaking)	1		2		4				\$1,315			\$1,315
20.2	Population & Flow Projection			2		4				\$1,060			\$1,060
20.3	Influent PS Evaluation	1		2		4	2			\$1,575			\$1,575
20.4	Headworks Evaluation	1		2		4	2			\$1,575			\$1,575
20.5	SBR Evaluation	1		4		12	2			\$3,275			\$3,275
20.6	Aeration Evaluation	1		2		4	2			\$1,575			\$1,575
20.7	Blower Evaluation	1		2		4	2			\$1,575			\$1,575
20.8	Effluent Wet Well & Pump Station Evaluation	1		2		4	2			\$1,575			\$1,575
20.9	Chlorination System Evaluation	1		2		4	2			\$1,575			\$1,575
20.10	Digester Evaluation	1		2		4	2			\$1,575			\$1,575
20.11	Supernatant Pump Station Evaluation	1		2		4	2			\$1,575			\$1,575
20.12	Sludge Drying Beds Evaluation	1		2		8	2			\$2,215			\$2,215
20.13	Electrical Evaluation	1	24	2		4	8			\$7,515			\$7,515
20.14	Structural Evaluation				ALREADY PERFORMED					\$0			\$0
20.15	Controls & SCADA Evaluation	1		4	32		24			\$9,175			\$9,175
20.16	Permitting Requirements	1		2		4				\$1,315			\$1,315
20.17	Health & Safety Evaluation			2		4				\$1,060			\$1,060
21	WWTP Improvement Options to 3.0 MGD									\$53,405	\$0	\$600	\$54,005
21.1	Process Improvement Options to 3.0 MGD	4	16	40	16	40			2	\$21,910			\$21,910
21.2	Proposed Alternate Layouts	2		4		8		40	2	\$8,400			\$8,400
21.3	Engineer's Cost Estimate	1		8		24			2	\$5,945			\$5,945
21.4	Draft Report	4		40		16			16	\$13,340		\$150	\$13,490
21.5	Final Report	2		8		8			4	\$3,810		\$450	\$4,260
22	West WWTP Plant Expansion Evaluation									\$23,040	\$0	\$75	\$23,115
22.1	Phase 3 to 4.5 MGD Evaluation, Cost Estimate & La	4		16		8		16	2	\$8,070			\$8,070
22.2	Phase 4 to 6.0 MGD Evaluation, Cost Estimate & La	4		16		8		16	2	\$8,070			\$8,070
22.3	Preliminary Phasing Evaluation Memo	4		16		8		4	8	\$6,900		\$75	\$6,975
TOTALS		91	62	236	64	224	52	76	88	\$156,735	\$0	\$3,875	\$160,610