



July 3, 2025

Mr. Juan Jose Figueroa, P.E.
Senior Project Manager
City of Hollywood
Department of Public Utilities - ECSD
P.O. Box 229045
Hollywood, FL 33022-9045

Subject: **Proposal for Engineering Services
2024 WTP Maintenance Package C**

Dear Mr. Figueroa,

As requested, we have prepared the following proposed scope of services for this subject project.

Project Description

The City of Hollywood (CITY) has requested that Carollo Engineers, Inc. (CAROLLO) provide engineering services in support of preliminary evaluation, design, permitting and bidding assistance for the following scope items at the Water Treatment Plant (WTP):

- Western/Chaminade Wellfield - Wells 36 and 41
 - » *Perform well condition assessments*
 - » *Develop well rehabilitation or replacement plan*
 - » *Develop Project Description Sheet*
- Floridan Wellfield - Wells F2 and F4
 - » *Perform well condition assessments*
 - » *Develop well rehabilitation or replacement plan*
 - » *Develop Project Description Sheet*
- Design exterior crack repairs for the following areas:
 - » *Pump Vault (Thickener/Holding Tank)*
 - » *Filter Gallery*
 - » *Back Wash Pump No. 2/Clear Well penetration*
 - » *Blend Tank*
 - » *Reclaim Pumps (confined space- east and west sides)*
- High Service Pump (HSP) /North Header
 - » *Design for replacement of existing east and west isolation valves*
- High Service Pump (HSP) /West Header
 - » *Design for replacement of existing 14-inch check valve*

SCOPE OF WORK

Task 1 – Project Management, Kick-Off, and Administration

CAROLLO, through their project manager, will provide overall project management and communication between their staff and the City. Administrative efforts such as oversight of resources and subconsultants, design progress, budget control, and schedule will all be tracked and managed by the project manager. Likewise, the project manager will organize and facilitate project meetings and the development of meeting agendas and minutes throughout the course of the project. CAROLLO will conduct the following meeting as part of Task 1:

- Kickoff Meeting: Within two weeks of authorization from the City, CAROLLO will schedule an initial one (1 hour) kickoff meeting with City staff. The kickoff meeting agenda is expected to include the following:
 - » *Introduction of project team members*
 - » *Primary lines of communication*
 - » *Review of project background and scope*
 - » *Project schedules and milestones*
 - » *Data Needs/Requests*

The project manager will also serve as a technical lead and be involved in the execution of the work.

Task 1 Deliverables

- Kickoff Meeting Agenda (PDF)
- Kickoff Meeting Minutes (PDF)

Task 2 – Data Review and Request for Information

CAROLLO will conduct one (1) site visit to the existing WTP and one (1) site visit to wells 36, 41, F2 and F4, perform a visual inspection, and collect and review available construction, drawings, testing and operation data for the wells, and previous data and available drawings relating to the existing conditions of the Thickener/Holding Tank Pump Vault, Filter Gallery, Back Wash Pump No.2/Clear Well penetration, Blend Tank, and HSP/North Header isolation valves.

Additionally, CAROLLO will conduct a search of operations records from the City and review data submitted to the FDEP and South Florida Water Management District (SFWMD) to obtain the most accurate available information about each well. For well F-2, CAROLLO will assist the City in communication with FDEP to verify if the variance for the well is still valid and if the well is still a permitted supply well.

CAROLLO has already reviewed extensive information and will work with the CITY to obtain additional information when needed. The following is a list of known data needs and status at this time:

- Assessment/rehabilitation reports for wells 36, 41, F2, and F4
- Record drawings of wells 36, 41, F2, and F4
- O&M Manuals and/or equipment information for the HSP/North Header east and west isolation valves
- O&M Manuals and/or equipment information for the HSP/West Header 14-inch check valve

Task 3 – Wells Field-Testing Program

Task 3.1 Wells Field Testing Plan

Using the information compiled and evaluated under Task 2, CAROLLO will develop a field-testing plan and technical specifications to obtain additional information specific to the current condition of each well. The field-testing plans will be specific to each well and will include procedures and requirements for diagnostic testing of water quality, well capacity, geophysical logging, and downhole video inspections. CAROLLO will provide an outline plan for the field testing for approval by the City.

Task 3.1 Deliverables

- Field Testing Plan (PDF)
- Field Testing Plan Review Meeting Agenda (PDF)
- Field Testing Plan Meeting Minutes (PDF)
- Final Field Testing Plan (PDF)

Task 3.2 Wells Field Testing Program Bid Documents

Once approval is received by the City on the field testing plan, CAROLLO will modify the field testing plan as necessary to conform to the requirements of the City's standard front-end documents and coordinate with the City's Procurement Department to prepare a final Bid set that will include the City's standard front-end documents, modified field test plan, and any other documents required by the City's Procurement Department for bidding.

The Bid Documents will be delivered to the City for review. CAROLLO will schedule and hold a meeting to review the Bid Documents. The City's Procurement Department shall review the BID documents and provide comments prior to the review meeting to allow CAROLLO to prepare for discussion. The Bid documents will be revised to address City's Procurement Department comments. The City's review comments will be logged, and responses will be provided along with the review meeting minutes.

Task 3.2 Deliverables

- Bid Documents
- Bid Documents Review Meeting Agenda (PDF)
- Bid Documents Meeting Minutes (PDF)
- Final Bid Documents (PDF)

Task 4 – Initial Field Testing

CAROLLO will oversee and supervise the implementation of the City's approved testing plan in coordination with the well contractor selected by the City for the initial field testing. Utilizing the services of the well contractor, CAROLLO and the well contractor will conduct the investigation of the four wells by a combination of testing procedures including one or more of the following:

- Specific capacity testing using existing pumps



- Water quality testing for sand content and silt density index.
- Collection of samples of sediment/precipitate
- Removal of existing pumps.
- Video Survey under static and dynamic conditions

Note: The initial field testing will determine whether rehabilitation is a viable solution to remedy the problem with each well or if well replacement is needed.

Task 5 – Wells Rehabilitation Technical Memorandum and Rehabilitation Bid Documents

Task 5.1 – Technical Memorandum

Based on an analysis of the information gathered during the initial field testing for the wells, CAROLLO will prepare a technical memorandum with an evaluation of the results of testing and recommendations for well rehabilitation or well replacement for each well. If the initial field-testing results indicate that well rehabilitation is a viable solution to remedy the problem with each well, CAROLLO will provide a recommendation for rehabilitation including justification for any proposed rehabilitation work, permitting requirements, plans and specifications for rehabilitation of those specific wells, and an estimated opinion of probable costs for the recommended rehabilitation work and oversight of that specific work. If rehabilitation is not feasible, CAROLLO will develop a conceptual design plan to relocate the wells and summarize in a Project Description Sheet to detail proposed location, preliminary design criteria and an estimated opinion of probable costs to relocate the wells for City's use in updating facility or CIP plans. The estimates will be developed to Class 3 level estimate as defined by Associate of Cost Engineers (AACE) with expected accuracy of -20% to +30%. Where possible, current industry pricing for similar work on other municipal wellfields will be used to refine the estimate.

CAROLLO will coordinate closely with the City's utility department and O&M staff to ensure that the recommended rehabilitation work scope or recommended well relocations can be accomplished within the limitations of the raw water system and that the specified work does not interfere with wellfield operations. The breakdown of the sections to be included in the technical memorandum is as follows:

- Technical Summary of Field Testing Evaluation and Recommendations for Each Well
- Technical Specifications for Well Rehabilitation to Include all Individual Wells
- Estimation of Probable Costs Including Per-Well Costs for Rehabilitation or Replacement

The Technical Memorandum will be delivered to the City for review. CAROLLO will schedule and hold a meeting to present and review the Technical Memorandum. The City shall review the Technical Memorandum and provide comments prior to the review meeting to allow CAROLLO to prepare for discussion. After the review meeting CAROLLO will incorporate any comments received from the City and submit a final Technical Memorandum with the agreed upon rehabilitation recommendations, which will be used as basis for the development of the Bid Documents outlined in Task 5.2.

Task 5.1 Deliverables

- Technical Memorandum (PDF)
 - Technical Memorandum Review Meeting Agenda (PDF)
 - Technical Memorandum Meeting Minutes (PDF)
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- Final Technical Memorandum (PDF)

Note: Based on current industry data for rehabilitation of similar wells producing silt and/or having degraded capacity, rehabilitation options have been generally successful where they were applicable.

Given that the specific cause(s) of the wells issues have yet to be determined, CAROLLO cannot at this point forecast the likelihood that any treatment will resolve the issues.

Task 5.2 – Bid Documents

CAROLLO will modify the technical specifications included in the Technical Memorandum as necessary to conform to the requirements of the City's standard front-end documents and coordinate with the City's Procurement Department to prepare a final Bid set that will include the City's standard front-end documents, modified technical specifications, plans and any other documents required by the City's Procurement Department for bidding.

The Bid Documents will be delivered to the City for review. CAROLLO will schedule and hold a meeting to review the Bid Documents. The City's Procurement Department shall review the BID documents and provide comments prior to the review meeting to allow CAROLLO to prepare for discussion. The Bid Documents will be revised to address City's Procurement Department comments. The City's review comments will be logged, and responses will be provided along with the review meeting minutes.

Task 5.2 Deliverables

- Bid Documents
- Bid Documents Review Meeting Agenda (PDF)
- Bid Documents Meeting Minutes (PDF)
- Final Bid Documents

Task 6 – Design WTP Repairs

Task 6.1 – Technical Memorandum

CAROLLO will prepare and submit to the City a Technical Memorandum to outline the extend of the scope of work for the cracks repair work for the Thickener/Holding Tank Pump Vault, Filter Gallery, Backwash Pump No. 2/Clear Well penetration, Blend Tank, and Reclaimed Pumps (confined space area). Additionally, a sequence of work and maintenance of plant operations will be developed to minimize impacts to the WTP during the replacement of the isolation valves for the High Service Pump (HSP) /North Header and the replacement of the 14-inch check valves for the High Service Pump (HSP) /West Header.

The Technical Memorandum will be delivered to the City for review. CAROLLO will schedule and hold a meeting to present and review the Technical Memorandum. The City shall review the Technical Memorandum and provide comments prior to the review meeting to allow CAROLLO to prepare for discussion. After the review meeting CAROLLO will incorporate any comments received from the City and submit a final Technical Memorandum with the final scope for crack repairs and sequence plan for the replacement of the HSP isolation valves and 14-icnh check valve agreed upon with the City. Regulatory requirements for the scope will also be included.

Task 6.1 Deliverables

- Technical Memorandum (PDF)
- Technical Memorandum Review Meeting Agenda (PDF)
- Technical Memorandum Meeting Minutes (PDF)
- Final Technical Memorandum (PDF)

Task 6.2 – 100% Design

Using the Final Technical Memorandum, CAROLLO will develop detailed design drawings and technical specifications to a 100% complete level. CAROLLO will develop a full set of technical project specifications for incorporation into the City's procurement documents. Project specifications will be modified as necessary by CAROLLO to conform to the requirements of the City's standard front-end documents. CAROLLO will develop a conceptual construction schedule to determine the period of time required for construction and define substantial and final construction durations.

The 100% design documents will be delivered to the City for review. CAROLLO will schedule and hold a meeting to present and review the 100% detailed design documents. The City shall review the 100% detailed design and provide comments prior to the review meeting to allow CAROLLO to prepare for discussion. The City's review comments will be logged, and responses will be provided along with the review meeting minutes. In parallel, shall be suitable to initiate permitting review by the regulatory agencies identified in Task 6.1.

The following are anticipated drawing sheets:

- Cover Sheet
- General Notes
- Structural Plans with Cracks Inventory and Details for Crack Repairs
- Mechanical Plans and Details for Replacement of HSPs East and West Isolation Valves and replacement of 14-inch check valve

Task 6.2 Deliverables

- 100% Design Documents (PDF)
- 100% Design Documents Review Meeting Agenda (PDF)
- 100% Design Documents Meeting Minutes (PDF)
- Final 100% Design Documents

Task 6.3– Bid Documents

CAROLLO will modify the 100% technical specifications as necessary to conform to the requirements of the City's standard front-end documents and coordinate with the City's Procurement Department to prepare a final Bid set that will include the City's standard front-end documents, modified 100% technical specifications, 100% plans and any other documents required by the City's Procurement Department for bidding. Two bid sets will be prepared,

one for the cracks repairs and another one for the replacement of the HSPs East and West Isolation Valves and replacement of 14-inch check valve.

The Bid Documents will be delivered to the City for review. CAROLLO will schedule and hold a meeting to review the Bid Documents. The City's Procurement Department shall review the BID documents and provide comments prior to the review meeting to allow CAROLLO to prepare for discussion. The Bid Documents will be revised to address City's Procurement Department comments. The City's review comments will be logged, and responses will be provided along with the review meeting minutes.

Task 6.3 Deliverables

- Bid Documents
- Bid Documents Review Meeting Agenda (PDF)
- Bid Documents Meeting Minutes (PDF)
- Final Bid Documents

Task 7 – Bid Phase Support

CAROLLO will assist the CITY in procuring contractors for the initial field testing and rehabilitation of the wells and the WTP repairs by providing the services outlined hereinafter during the bidding process.

Task 7.1 – Wells Field Testing and Rehabilitation Bid Support Services

- Coordinate with the City's Purchasing Department to develop the advertisement for bid project description.
- Pre-Bid Conference: Attend one (1) Pre-Bid Conference and field visit.
- Bidder RFIs: Provide responses to bidder's Request for Information (RFI). The City will receive all bidders' questions and forward them to CAROLLO for review and response. CAROLLO will revise the responses based upon the City's comments in order to ensure they are acceptable to the City for amendment of the bid documents. The City will be responsible for receiving and distributing RFI responses to all bidders.
- Addendum: If in responding to bidder's questions, a significant clarification or change to the design is required, CAROLLO will prepare up to two (2) addenda to revise the Issued for Bid documents. The City will be responsible for receiving and distributing RFI responses to all bidders.
- Evaluation of Bids: Attend the bid opening. Prepare a tabulation of received bids and evaluate bids to confirm they are responsive and meet the minimum qualifications. It is assumed that the lowest bid will be reviewed first and if it confirmed that the bid is responsive and meets the minimum qualifications, then no additional bid reviews will be required. Should the lowest bid not meet requirements, the second lowest bid will be reviewed. It has been assumed that the City's Purchasing Department will also review the bids in order to determine they are responsive and meet the criteria for necessary bonds, insurance, M/WBE requirements, etc.
- Provide an award recommendation letter to the City.

Task 7.2 – WTP Repairs Bid Support Services

- Coordinate with the City's Purchasing Department to develop the advertisement for bid project description.



- Pre-Bid Conference: Attend one (1) Pre-Bid Conference and field visit.
- Bidder RFIs: Provide responses to bidder's Request for Information (RFI). The City will receive all bidders' questions and forward them to CAROLLO for review and response. CAROLLO will revise the responses based upon the City's comments in order to ensure they are acceptable to the City for amendment of the bid documents. The City will be responsible for receiving and distributing RFI responses to all bidders.
- Addendum: If in responding to bidder's questions, a significant clarification or change to the design is required, CAROLLO will prepare up to two (2) addenda to revise the Issued for Bid documents. The City will be responsible for receiving and distributing RFI responses to all bidders.
- Evaluation of Bids: Attend the bid opening. Prepare a tabulation of received bids and evaluate bids to confirm they are responsive and meet the minimum qualifications. It is assumed that the lowest bid will be reviewed first and if it confirmed that the bid is responsive and meets the minimum qualifications, then no additional bid reviews will be required. Should the lowest bid not meet requirements, the second lowest bid will be reviewed. It has been assumed that the City's Purchasing Department will also review the bids in order to determine they are responsive and meet the criteria for necessary bonds, insurance, M/WBE requirements, etc.
- Provide an award recommendation letter to the City.

City Responsibilities and Assumptions

To the extent possible, these assumptions are stated within this document and are reflected in the budget.

1. If the project task requirements are different from the assumptions presented in this Scope of Services or if the CITY desires additional services, the resultant changes in scope will serve as a basis for amending this project assignment or initiating the development of a new project assignment as agreed upon by both the CITY and CAROLLO.
 - a. CAROLLO shall be entitled to rely upon the accuracy of information supplied by the CITY without independent review or evaluation.
 - b. The schedule provided is based on the timely receipt of the data from CITY.
 - c. The CITY shall pay for all fees associated with permitting.
 - d. The material terms of the "Agreement for General Consulting Services" dated September 20, 2023 (Agreement) supersedes and nullifies any and all assumptions outlined below that are contrary and/or conflict with said terms and conditions in said Agreement:
 - i. CAROLLO shall perform the services required hereunder in accordance with the prevailing standard of care by exercising the skill and ability ordinarily required of consultants performing the same or similar services, under the same or similar circumstances, in the State of Florida.
 - ii. CAROLLO makes no warranty that CITY's actual project costs, financial aspects, economic feasibility, schedules, and/or quantities or quality realized will not vary from CAROLLO's opinions, analyses, projections, or estimates.
 - iii. Documents, including drawings and specifications, prepared by CAROLLO pursuant to this Service Authorization are not intended or represented to be suitable for reuse by CITY or others for this Project or on any other project. Any reuse of completed documents or use of partially completed documents without written verification or concurrence by CAROLLO for the specific purpose intended will be at CITY's sole risk and without liability or legal

exposure to CAROLLO. The services to be performed by CAROLLO are intended solely for the benefit of the CITY. No person or entity not a signatory to this Service Authorization shall be entitled to rely on CAROLLO 's performance of its services hereunder, and no right to assert a claim against CAROLLO by assignment of indemnity rights or otherwise shall accrue to a third party as a result of this Service Authorization or the performance of CAROLLO 's services hereunder.

COMPENSATION

We propose to conduct the requested work on an hourly rate fee for the total not-to-exceed fee of **\$239,169.60**. Breakdown by task is presented in the table below. Attachment A provides the level of effort estimated for each task.

Task	Fee
Task 1: Project Management	\$23,619.52
Task 2: Data Review and Request for Information	\$20,637.36
Task 3: Well Field Testing Program	\$18,239.36
Task 4: Initial Field Testing	\$38,100.00
Task 5: Well Rehabilitation Technical Memorandum, and Rehabilitation Bid Documents	\$33,100.00
Task 6: Design WTP Repairs	\$73,948.00
Task 7: Bid Phase Support	\$31,525.36
Total	\$239,169.60

Payment will be billed to the City based Article 6 of Professional Services Agreement between the City and Consultant for Continuing Contract for Engineering Services.

Schedule

The project start date will be the day of the approval of the Task Authorization. The following table summarizes the project schedule and basic dependencies.

Item No	Task Name	Duration From NTP
-	Notice-to-Proceed	-
1	Project Management*	~30-35 weeks
2	Task 1 – Kickoff Meeting	2 weeks
3	Task 2 – Data Review and Request for Information	4 weeks

Item No	Task Name	Duration From NTP
4	Task 3 – Field Testing Program	6 weeks
5	Task 4 – Initial Field Testing*	TBD
6	Task 5 – Well Rehabilitation Technical Memorandum and Rehabilitation Bid Documents*	TBD
7	Task 6 – Design WTP Repairs	18 weeks
8	Task 7 – Bid Phase Support *	TBD

Note:

*Task 4 will commence after Task 7.1 is completed and the City has selected and entered a contract with the well contractor for the wells field testing program. The duration of Tasks 1, 4, 5, and 7 from NTP will be contingent upon the City's Procurement Department time limit to initiate and complete the bid process for the bid documents to be prepared by CAROLLO outlined in this proposal. The duration listed for Taks 1 is an approximate duration to be modified as needed based on the City's timeline for procurement activities.

We stand ready to discuss any questions you may have regarding this proposal and look forward to working with you.

Sincerely,
CAROLLO ENGINEERS, INC.



M. Angelica Gregory, PE
Associate Vice President



Chris Reinbold, PE
Vice President

cc : Tung Nguyen, PE, PMP
Andrea Shramko, PE

ATTACHMENT "A"

PROJECT FEES BREAKDOWN



Task Description		Carollo Hours and Cost										Subconsultant Cost	Total Cost	
		QAQC/ Technical Advisor	QAQC/ Technical Advisor Wells	Project Manager	Lead Engineer	Structural Principal	Professional Engineer	CADD/Designer	Document Processing	Total Hours	Labor Cost			Expense
		Tung Nguyen	Chris Reinbold	Andrea Shramko	Blake Harvey	Joel Smason	TBD	Shannon Raustad	Shana Woody					
		\$298.00	\$298.00	\$263.00	\$199.00	\$275.00	\$155.00	\$155.00	\$113.00					
1	Project Management	0	0	44	7	2	0	0	0	53	\$ 13,515.00	\$ 104.52	\$ 10,000.00	\$ 23,619.52
1.1	Project Management, Reporting, Contract Administration			32						32	\$ 8,416.00		\$ -	\$ 8,416.00
1.2	Kick off meeting: Attendance/Agenda/Minutes			6	4	2				12	\$ 2,924.00	\$ 104.52	\$ 1,140.00	\$ 4,168.52
1.3	Project Meetings			6	3					9	\$ 2,175.00		\$ 8,860.00	\$ 11,035.00
2	Data Review and Request for Information	0	4	26	12	6	6	0	0	54	\$ 12,998.00	\$ 139.36	\$ 7,500.00	\$ 20,637.36
2.1	List of Data Requests			2	2	2				6	\$ 1,474.00		\$ -	\$ 1,474.00
2.2	WTP Site Visit			4	6		6			16	\$ 3,176.00	\$ 104.52	\$ -	\$ 3,280.52
2.3	Wells Site Visit		4	8						12	\$ 3,296.00	\$ 34.84	\$ -	\$ 3,330.84
2.4	Data Review			12	4	4				20	\$ 5,052.00		\$ 7,500.00	\$ 12,552.00
3	Wells Field Testing Program	0	6	24	0	0	0	0	0	30	\$ 8,100.00	\$ 139.36	\$ 10,000.00	\$ 18,239.36
3.1	Prepare Field Testing Plan		3	8						11	\$ 2,998.00		\$ 7,370.00	\$ 10,368.00
3.2	Wells Field Testing Plan Bid Documents		3	16						19	\$ 5,102.00	\$ 139.36	\$ 2,630.00	\$ 7,871.36
4	Initial Field Testing	0	6	24						2	\$ 8,100.00		\$ 30,000.00	\$ 38,100.00
5	Well Rehabilitation Technical Memorandum and Rehabilitation Bid Documents	0	6	24	0	0	0	0	0	30	\$ 8,100.00	\$ -	\$ 25,000.00	\$ 33,100.00
5.1	Technical Memorandum		3	8						11	\$ 2,998.00		\$ 20,360.00	\$ 23,358.00
5.2	Rehabilitation Bid Documents		3	16						19	\$ 5,102.00		\$ 4,640.00	\$ 9,742.00
6	Design WTP Repairs	8	0	20	110	38	84	122	18	400	\$ 73,948.00	\$ -	\$ -	\$ 73,948.00
6.1	Technical Memorandum	4	0	6	50	6	12	12	4	94	\$ 18,542.00	\$ -	\$ -	\$ 18,542.00
	High Service Pump: -North Header: Replacement of east and west isolation valves - West Header replacement of 14-inch check valve Crack repairs	4		4	50			12	4	74	\$ 14,506.00		\$ -	\$ 14,506.00
				2		6	12			20	\$ 4,036.00		\$ -	\$ 4,036.00
6.2	100 % Design Documents	2	0	8	40	30	60	102	0	242	\$ 44,020.00	\$ -	\$ -	\$ 44,020.00
	All Units/Crack Repairs			4		30	60	72		166	\$ 29,762.00		\$ -	\$ 29,762.00
	High Service Pump: - North Header - Replacement of east and west isolation valves - West Header replacement of 14-inch check valve	2		4	40			30		76	\$ 14,258.00		\$ -	\$ 14,258.00
6.3	Bid-Ready Design Documents and Review Meeting	2	0	6	20	2	12	8	14	64	\$ 11,386.00	\$ -	\$ -	\$ 11,386.00
	All Units/Crack Repairs			2		2	12	4	6	26	\$ 4,234.00		\$ -	\$ 4,234.00
	High Service Pump: - North Header - Replacement of east and west isolation valves - West Header replacement of 14-inch check valve	2		4	20			4	8	38	\$ 7,152.00		\$ -	\$ 7,152.00
7	Bid Phase Support	0	0	40	20	2	12	4	12	90	\$ 18,886.00	\$ 139.36	\$ 12,500.00	\$ 31,525.36
7.1	Well Rehabilitation Bid Support Services			24					6	30	\$ 6,990.00	\$ 34.84	\$ 12,500.00	\$ 19,524.84
7.2	WTP Repairs Bid Support Services			16	20	2	12	4	6	60	\$ 11,896.00	\$ 104.52	\$ -	\$ 12,000.52
	TOTAL HOURS	8	22	202	149	48	102	126	30	629				
	TOTAL COST	\$2,384.00	\$6,556.00	\$53,126.00	\$29,651.00	\$13,200.00	\$15,810.00	\$19,530.00	\$3,390.00	659	\$ 143,647.00	\$ 522.60	\$ 95,000.00	\$ 239,169.60