



Interdisciplinary Design

Scope of Work

September 2017

City of Fircrest – Community Pool Project

This work will provide an evaluation and report on current conditions of the existing community pool as requested by City of Fircrest. The existing pool has been leaking and the City would like to proceed with evaluating the leak and the overall safety aspect of the pool to make sure no damage has been caused by the leak.

A detailed scope for the Contract follows:

I. INTRODUCTION

The following scope of services and associated costs are based upon the assumptions outlined below.

General Assumptions:

- The level of service and fee is based on project duration of approximately two months.
- The proposed project team will include a project manager, resident engineer and a part-time administrative specialist.
- KPG will act as an extension of City staff and provide oversight and project coordination with outside agencies, consultants and vendors.
- City will conduct all Community Outreach, if needed.

II. SCOPE OF WORK

The objective and purpose of this Agreement is for the Consultant to successfully deliver an action plan to repair the existing community pool to the City of Fircrest. This includes recommendations to the City of Fircrest as to what (if any) fixes are available for the leaking water and a recommendation as to whether or not the pool is safe for use by the community for the next two to three years until the City can construct a new community pool.

TASK 1 – MANAGEMENT /ADMINISTRATION/MEETINGS

KPG

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Provide overall project management, coordination with the City, monthly progress reports, and invoicing. This effort will include the following elements.

- Evaluate City provided information and data on the existing pool structure and surrounding area.

Deliverables

- *Monthly invoicing and progress reports*

TASK 2 – FIELD INVESTIGATION

- Coordinate and provide oversight of sub-consultants/service provider to perform video inspection of pipes.
- Coordinate and provide oversight of sub-consultants/service provider to perform GPR scanning of pool bottom and surrounding area with a goal of locating possible voids.
- Arrange meeting with specialty contractors to:
 - Review results of above investigations.
 - Determine recommended repair procedures.
 - Obtain construction cost estimates and construction schedule.

TASK 3 – REPORT GENERATION AND RECOMMENDATION

- **Final Report:** KPG will provide the City of Fircrest with a concise report that:
 - Summarizes the investigation and provides repair procedures, depending on the level of repair desired.
 - Provides a list of potential contractors, construction cost estimate and construction schedule.



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CLIENT: Public Swimming Pool

PROJ NAME: Fircrest Community Pool Repairs

Job # 17146

SUMMARY OF STAFF LABOR HOURS REQUIRED BY TASK

		Project Mgr	Project Engineer/RE	Documentation Specialist	CADD Technician	Construction Observer	Administration			
									Total Hours	Task Total
TASK NO.	TASK DESCRIPTION	188.27	123.16	101.98	98.06	101.98	75.83			
1.0	Management/Meetings/Admin.									
	Task 1 Hours =	4.0	4.0				4.0		12	\$1,549.04
2.0	Field Investigation									
	Coordinate/Oversight/video inspection	2.0	12.0							
	Coordinate/Oversight/GPR Inspection	2.0	12.0							
	Arrange & Meet W/ Contractors (assume 3)	2.0	9.0							
	Task 2 Hours =	6.0	33.0						39	\$5,193.90
3.0	Report Generation and Recommendation									
	Task 3 Hours =	4.0	16.0				5.0		25	\$3,102.79
SubConsutant	Direct Cost: GPR, Video Inspections									\$3,000.00
OTHER DIRECT COSTS										
	Other Direct Costs									\$150.00
	Hours	20.0	86.0				9.0		115	
	Total	\$3,765	\$10,592				\$682			
TOTALS									KPG CONSTRUCTION SERVICES LABOR TOTAL = \$12,995.73	

Classification

DATE: September 22, 2017