

Architecture
Roof Consulting
Construction Technology
AA C000932



601 North Fern Creek Avenue
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(407) 896-7875
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#130522

October 22, 2013

Mr. Gary Cothren
Facilities Maintenance Coordinator
General Services Department
City of Gainesville
405 NW 39th Avenue
Gainesville, FL 32602-0490

email: gcothren@cityofgainesville.org

RE: Gainesville Northwest Public Pool Facility
Roof Replacement Professional Services Proposal
A/R/C Project # 55555.55

Dear Gary,

This proposal is in response to our discussions and recent visit to the above referenced project. We have reviewed the field notes, photographs, and measurements; based on our experience we have calculated an estimated construction cost of approximately **\$40,500.00** for the replacement of the entire roof structure and installation of a mechanically fastened Elvaloy / PVC based single-ply roof system over a tapered rigid insulation system at this building. This estimate is based on "normal" economic conditions to aid with future planning, if bid during the current economic conditions, construction costs could be 25% less than the above estimate. The perimeter drip edges will be PVC coated aluminum. A copy of our Estimated Construction Cost worksheet has been attached to this letter for your review.

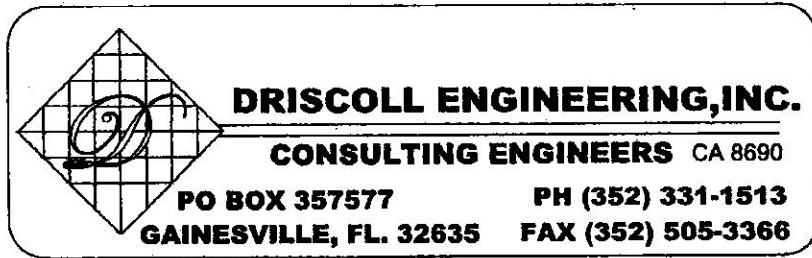
We recognize that the proposed fee is a significant percentage of the estimated construction cost, but hope you realize it is simply a result of the small size of the project, particularly during the construction administration phase. Evaluating the work effort needed has resulted in a fixed lump sum A/E fee of **\$14,220.00**, including the structural engineering by Driscoll Engineering, Inc., (see attached proposal). The A/E fee would include initial site investigation, working drawings & specifications, bidding phase services, construction administration and periodic site visits during a 40 day construction period. A copy of our Man-Hour Estimate worksheet has been attached to this letter only to illustrate how this fee was calculated.

If you have any further questions or comments on the above, please contact me at your earliest convenience.

Respectfully submitted,
A/R/C Associates, Incorporated

A handwritten signature in blue ink, appearing to read "James W. Ripley".

James W. Ripley, Vice President
RA, NCARB, RRC, RWC, RRO, REWC, RBEC



October 17, 2013

Mr. Jim Ripley
A/R/C Associates, Inc.
601 N. Fern Creek Avenue, Suite 100
Orlando, Florida 32803

**RE: Proposal for Structural Engineering Services
Westside Pool Building Roof Structure
Main Building and Small Electrical Room Add-on
Gainesville, Florida**

Gentlemen:

Pursuant to your request, we are pleased to submit this fee proposal for design and consulting work with respect to repairs at the location referenced above. Based on discussions with you, we offer the following as the scope of our services:

1. Perform calculations, design and drafting for the replacement/repair of the roof structure as referenced above.
2. Provide structural plans and specifications for permitting of repairs as required and as referenced above.
3. Coordinate structural design with Architect of Record during the design process.
4. The fee as specified below includes 3 field trips for investigation and progress review and 1 field trip at completion of project.

For budgeting purposes we estimate the total fee for services in items 1 through 4 above to be \$2,750.00.

Compensation for additional services shall be based on our attached fee schedule in effect at the time the work is performed. Payment shall be due upon project completion and delivery. A finance charge of 1 ½ percent per month shall be due and added to amounts that remain unpaid after 30 days.

We appreciate the opportunity to provide our services and look forward to working with you on this project. If you have any questions or require any additional information or clarification, please do not hesitate to call. Please execute and return the enclosed *Authorization and Agreement* or your work order as your formal acceptance of this proposal.

Sincerely,
Driscoll Engineering, Inc.

Michael E. Driscoll, P.E.
Principal

MED/II

Enclosures: as noted

Authorization and Agreement

We hereby authorize **Driscoll Engineering, Inc.** to proceed with the work outlined in a proposal dated October 17, 2013, for structural engineering services on Westside Pool Building, Gainesville, Florida, and agree to pay for such services as set forth therein.

Mr. Jim Ripley of A/R/C Associates, Inc.

By:

authorized signature

date

print name and title of person signing above

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Estimated Construction Cost

Project Name:	GAINESVILLE NORTHWEST PUBLIC POOL FILTER BUILDING	Project No.	0
Description:	COMPLETE ROOF STRUCTURE AND SYSTEM REPLACEMENT	Draft No.	# 1
Client:	THE CITY OF GAINESVILLE		
Contact:	MR. GARY COTHREN		10-21-13

Roof Area/Designation	Unit (SF,LF,EA)	Quantity	Est. Cost Per Unit	Cost
COMPLETE BUILDING ROOF REPLACEMENT:				\$0.00
Removal & disposal of existing roof structure and membrane system.	SF	600	\$4.00	\$2,400.00
Install new steel roof deck and open-web steel joists per structural engineering.	SF	600	\$27.00	\$16,200.00
Install new 0.040" aluminum PVC coated edge metal with stainless steel skirt.	LF	150	\$28.00	\$4,200.00
Application of rigid insulation and gypsum roof board for slope.	SF	600	\$2.50	\$1,500.00
Adhered application of 45 mil Elvaloy (PVC) single-ply reflective roofing system.	SF	735	\$4.00	\$2,940.00
Removal & replacement of deteriorated trim & blocking per unit prices.	LF	200	\$6.00	\$1,200.00
Provide security fencing at perimeter of roof -wall mounted.	LF	90	\$14.00	\$1,260.00
Electrical and mechanical work associated with the roof deck replacement	SF	600	\$4.00	\$2,400.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
GENERAL CONDITIONS FOR CONTRACTOR (LUMP SUM)	EA	1	\$4,000.00	\$4,000.00
Bonds and Insurance Costs	\$	2	\$350.00	\$700.00
				\$0.00
			Sub-Total	\$36,800.00
			10% Contingency	\$3,680.00
TOTAL ESTIMATED CONSTRUCTION COST				\$40,480.00

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Man-Hour Estimate for Basic Services

Project Name:		GAINESVILLE NORTHWEST PUBLIC POOL FILTER BUILDING					Project No.		
Description:		COMPLETE ROOF STRUCTURE AND SYSTEM REPLACEMENT					Draft No.		# 1
Client:		THE CITY OF GAINESVILLE					Date		10-21-13
Contact:		MR. GARY COTHREN					TOTAL		
	Principal Hours	Project Mgr Hours	Technical Hours	Quality Assurance Hours	Clerical Hours	Hours	Cost for Activity	Running Total	
	\$150.00	\$100.00	\$75.00	\$80.00	\$54.00				
Phase 1-Field Investigation									
Investigation				4		4	\$320.00	Survey and Confirm Existing Conditions in Field	
Project Admin/Management	1					1	\$150.00		
Miscellaneous Expense									
Travel							\$40.00		
Meals & Lodging									
						TOTALS	5	\$510.00	\$510.00
Phase 2-Design Development									
Design Development	1	3	3			7	\$675.00	Evaluate conditions and recommend roof systems for Owner review & acceptance.	
Project Admin/Management	1					1	\$150.00		
Miscellaneous Expense									
Travel									
Meals & Lodging									
						TOTALS	8	\$825.00	\$1,335.00
Phase 3-Contract Documents									
Construction Drawings		8	12			20	\$1,700.00	Produce Contract Documents	
Specifications		6			2	8	\$708.00		
Quality Control Review	2					2	\$300.00		
Project Admin/Management	2					2	\$300.00		
Miscellaneous Expense							\$50.00		
Travel									
Meals & Lodging									
						TOTALS	32	\$3,058.00	\$4,393.00
Phase 4-Bidding & Negotiation									
Bid Phase Services	1	10			2	13	\$1,258.00	Perform Pre-Bid Meeting, Answer Questions, Issue Addenda as Needed	
Project Admin/Management	1					1	\$150.00		
Miscellaneous Expense							\$20.00		
Travel							\$80.00		
Meals & Lodging									
						TOTALS	14	\$1,508.00	\$5,901.00
Phase 5-Construction Admin									
Site Visits (6 visits)				36	4	40	\$3,096.00	Inspections & Administration for 40 Day Construction Phase	
Substantial				6	1	7	\$534.00		
Final				4	1	5	\$374.00		
Project Admin/Management	2	6				8	\$900.00		
Miscellaneous Expense							\$150.00		
Travel							\$240.00		
Meals & Lodging									
						TOTALS	60	\$5,294.00	\$11,195.00
Consultation Fee (Mechanical, Electrical, Structural)				\$2,750 + 10%			\$3,025.00	\$3,025.00	
								\$14,220.00	