



FLOOD Testing Laboratories, Inc.

A Certified Woman Owned Business Enterprise

1945 EAST 87TH STREET
CHICAGO, IL 60617-2946
PHONE (773) 721-2200
FAX (773) 721-2206

13 January 2016

Michael Kowski
City of Orland Park
15655 Ravinia Ave
Orland Park, IL 60462

Re: Testing and Inspection Services
Main Street, Triangle Parking Garage

Dear Mr. Kowski:

Flood Testing Laboratories, Inc. (FTL) is pleased to present our prices to perform the testing for your project. I have based this proposal on review of Walsh's project schedule dated 30 November 2015. We understand that the start date has likely slid; however, I've assumed that the general durations would hold true. Durations and number of visits have been estimated based on previous experience with similar projects and discussions with Walsh Construction. The project is anticipated to be staffed on a full-time basis during foundation installation and backfilling. Following this, part time inspection will occur during slab on grade placement, precast erection, and CMU placement. Our anticipated scope of work is full-service testing and inspection of soils including site and underslab utilities, reinforced concrete, structural steel, and masonry.

An alternate has been provided for overtime based on typical overtime amounts in this market. Without making adjustments, overtime based on our labor contract is time prior to 7am or after 3:30pm. An alternate has also been provided for roofing inspection at the project, if desired. Many clients consider roofing observation beneficial in order to prevent costly leaks and maintenance during the life of the roof. For most warranties, inspection is required, though often "provided" by the installers, themselves. Our RCI-certified technician would observe placement and proper detailing of roofing materials as well as conformance to warranty requirements on a periodic basis.

Unit rates have been included and these same rates will be used if more or less inspection is needed. Based on my assumptions for durations, a total cost of \$95,000 is estimated for the project, excluding the alternates and overtime. Feel free to contact me if you have any questions regarding this quote. Overtime has not been included and time is charged portal to portal.

Yours Very Truly,

Walter H Flood IV, M.S., P.E.
Project Manager

Accepted: _____

Printed Name: _____

Title: _____ Date: _____



FLOOD

Testing Laboratories, Inc.

A Certified Woman Owned Business Enterprise

1945 EAST 87TH STREET
CHICAGO, IL 60617-2946
PHONE (773) 721-2200
FAX (773) 721-2206

13 January 2016

Estimated Testing and Inspection Costs

Estimated Inspection Costs	Unit Price	Unit	Quantity	Total
<i>Reinforced Concrete and Soils Inspector, 12 weeks full time</i>	94.00	Hour	480	45,120.00
<i>from 29 Dec for restaurant through 21 Mar for fndn backfill</i>				
<i>Slab on grade inspection - subgrade, bar, concrete, 6 days</i>	94.00	Hour	48	4,512.00
<i>Compressive Strength Specimens, sets of 5 per 100 cy assumed</i>	20.00	Each	350	7,000.00
<i>Floor Flatness Inspection, 3 SOG placements assumed</i>	600.00	Each	3	1,800.00
<i>Pickup and Transportation of Specimens</i>	65.00	Day	62	4,030.00
<i>Troxler Density Gauge</i>	50.00	Day	60	3,000.00
<i>Proctor Maximum Density Curve</i>	185.00	Each	6	1,110.00
<i>Structural Steel and Precast Inspector, 12 weeks, 3 visits per wk</i>	94.00	Hour	216	20,304.00
<i>Ultrasonic Testing Scope</i>	90.00	Day	5	450.00
<i>Masonry Inspection, 2 visits for CMU</i>	94.00	Hour	12	1,128.00
<i>Mortar Specimens, sets of 6</i>	20.00	Each	12	240.00
<i>Grout Specimens, sets of 4</i>	20.00	Each	8	160.00
<i>Mobilization and Mileage</i>	55.00	Day	104	5,720.00
<i>Project Management: 2 hr/40 man hr</i>	135.00	Hour	38	5,130.00
Total Estimated Inspection Costs				94,574.00
<i>Magnetic Particle Equipment</i>	35.00	Day		
<i>Torque Wrench</i>	60.00	Day		
<i>Early or special compressive strength breaks</i>	100.00	Each		
<i>Overtime, 1.35x standard</i>	126.90	Hour		
<i>Project Management, precons and as needed</i>	135.00	Hour		
Alternate: Technician Overtime				
<i>Tech OT, estimated at 15% of total man-hrs (84 total hrs inc.)</i>	10,700.00	Lump	1	<u>10,700.00</u>
Estimated Project Overtime				10,700.00
Alternate: Roofing Inspection				
<i>Roof Inspector, 11 weeks, 20 hrs/week</i>	94.00	Hour	220	20,680.00
<i>Additional PM time at 2hr/40 man hr</i>	135.00	Hour	11	1,485.00
<i>Mobilization and Mileage</i>	55.00	Day	50	2,750.00
Estimated Roofing Inspection Costs				24,915.00



A Certified Woman Owned Business Enterprise

TERMS AND CONDITIONS

ACCEPTANCE

If FLOOD TESTING LABS, INC is given verbal or written notification to proceed, without first receiving a signed copy of this Confirmation and Agreement, it will be mutually understood that Client and FLOOD TESTING LABS, INC will, nonetheless, be contractually bound by this Confirmation and Agreement, even in the absence of written acceptance by Client. A signed copy of this Confirmation and Agreement must be returned to FLOOD TESTING LABS, INC before a written report can be submitted.

BILLING

FLOOD TESTING LABS, INC shall submit invoices monthly for services performed and expenses incurred and not previously billed. Payment is due upon Client's receipt of invoice. For all amounts unpaid after 60 days from the invoice date, as set forth on FLOOD TESTING LABS, INC's invoice form, the Client agrees to pay a finance charge of one and one-half percent (1 1/2%) per month, eighteen percent (18%) annually.

PAYMENT

The Client's obligation to pay for the services performed by FLOOD TESTING LABS, INC under this Agreement shall not be reduced or in any way impaired by or because of the Client's inability to obtain financing, zoning, approval of governmental or regulatory agencies, or any other cause, reasons, or contingency.

SAFETY

It is understood and agreed that, with respect to Project site health and safety, FLOOD TESTING LABS, INC is responsible solely for the safe performance by its field personnel of their activities in performance of the required services. It is expressly agreed that FLOOD TESTING LABS, INC's professional services hereunder do not involve any responsibility for the protection and safety of persons on and about the Project nor is FLOOD TESTING LABS, INC to review the adequacy of job safety on the Project. It is further understood and agreed, and not in limitation of the foregoing, that FLOOD TESTING LABS, INC shall not be in charge of, and shall have no control or responsibility over any aspect of the erection, construction, or use of any scaffolds, hoists, cranes, stays, ladders, supports, or other similar mechanical contrivances or safety devices as defined and interpreted under any structural work act or other statute, regulation, or ordinance relating in any way to Project safety.

SAMPLES AND ACCESS TO WORK

FLOOD TESTING LABS, INC reserves the right to discard samples immediately after testing. Upon request, the samples will be shipped, (shipping charges collected) or stored at the rate indicated in the Fee Schedule.

Client shall provide, at its expense, facilities and labor necessary to afford FLOOD TESTING LABS, INC field personnel access to sampling, testing, or observation locations in conformance with federal, state, and local laws ordinances, and regulation specifically, including, but not limited to regulations set forth in OSHA 29 CFR 1926.



A Certified Woman Owned Business Enterprise

TERMS AND CONDITIONS

STANDARD OF CARE

FLOOD TESTING LABS, INC represents that it will perform its services under this Agreement in conformance with the care and skill ordinarily exercised by reputable members of the professional engineering community practicing under similar conditions at the same time in the same or similar locality.

No other warranty of any kind, expressed or implied is extended, made or intended by the rendition of consulting and/or inspection services or by furnishing oral or written reports of the findings.

FLOOD TESTING LABS, INC is not responsible for supervising, directing, controlling, or otherwise being in charge of the construction activities at the Project site; or supervising, directing, controlling, or otherwise being in charge of the actual work of the contractor, its subcontractors, or other material, men or service providers not engaged by FLOOD TESTING LABS, INC.

ALLOCATION OF RISK

It is agreed that the Client's maximum recovery against FLOOD TESTING LABS, INC for the professional services performed under this agreement, whether in contract, tort, or otherwise, is \$25,000 or the amount of FLOOD TESTING LABS, INC's fee, whichever is greater. It is expressly agreed that the Client's sole and exclusive remedy against FLOOD TESTING LABS, INC for professional services performed under this agreement, whether based in contract, tort, or otherwise, is the award of damages not to exceed the stipulated \$25,000 figure, or the amount of FLOOD TESTING LABS, INC's fee, whichever is greater. In no event shall FLOOD TESTING LABS, INC be liable, whether in contract, tort, or otherwise, for Client's loss of profits, delay damages, or for any special incidental or consequential loss or damage of any nature arising at any time or from any cause whatsoever.

SEVERABILITY

In the event that any provision herein shall be deemed invalid or unenforceable, the other provisions hereof shall remain in full force and effect, and binding upon the parties hereto.

SURVIVAL

All obligations arising prior to the termination of this agreement and all provisions of this agreement allocating responsibility or liability between the Client and FLOOD TESTING LABS, INC shall survive the completion of services and the termination of this agreement.

ASSIGNS

Neither the Client nor FLOOD TESTING LABS, INC may delegate, assign, sublet, or transfer its duties, responsibilities, or interests in this Agreement without the written consent of the other party.

ORLAND TRIANGLE PARKING PROPOSED STAFFING



Anticipated Staffing per 30 November 2015 Schedule

WEEK OF (Monday)	12/21/15	12/28/15	01/04/16	01/11/16	01/18/16	01/25/16	02/01/16	02/08/16	02/15/16	02/22/16	02/29/16	03/07/16	03/14/16	03/21/16	03/28/16	04/04/16	04/11/16	04/18/16	04/25/16	05/02/16	05/09/16	05/16/16	05/23/16	05/30/16	06/06/16	06/13/16	06/20/16	06/27/16	07/04/16	07/11/16	07/18/16	07/25/16	08/01/16	08/08/16	08/15/16	Total
Work Items from Schedule																																				
Structural Excavation, Rest.	5	1																																		
FPS Spread Footings, Rest.	3	5	5	2																																
Backfill Foundations, Rest.			3	2																																
Place CA-6, Rest.				3																																
Install Steel and Decking, Rest.					5	5	5	5	4																											
Site Utilities					5	5	5	5	5	5																										
Structural Excavation		3	5	2																																
Aggregate Piers		1	5	4																																
FPS Spread Footings		3	5	5	5	5	5	5	5	2																										
Backfill Foundations										3	1																									
Underslab Plumbing												2	5	5	1																					
Underslab Electric												2	5	5	1																					
Place CA-6																			4																	
Place Slab on Grade																			5																	
Erect and Detail Precast												1	5	5	5	5	5	5	5																	
Framing and Decking, Stairs																				4	5	5	5	1												
Install CMU																																				
Staffing (Days per week)																																				
Full-time work	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	1												60							
Part-time work																		1	3	4	3	5	5	3	3	3	3	3	1	1	44					
																															104					