



To: Jodi S. Hart, CPPO, CPPB, MBA, Chief Procurement Officer
From: Donald Morris, AICP, Beach CRA Manager
Date: June 26, 2020
Re: Change Order No. # 5 for Project #12315

Job Description: Project 12315, Project Aquatic Center Renovation Project
Contractor: Hensel Phelps Construction Co. (Hensel Phelps)
Amount: Total amount of Change Order # 5, \$2,769,201.00 plus 181 additional days
Funding: P12315.350-6599

The purpose of this Change Order is:

The City Commission directed staff to increase the height of the dive tower from 10-meters to 27-meters and to add an observation deck to the north building 'B' to the Aquatic Center Project. This is an additive change order for the purpose of funding the construction costs of the observation deck.

Hensel Phelps is the design builder for the Aquatic Center Project and is responsible for providing the design and constructing the project. The observation deck is an additional scope item and different than what was shown on the design criteria package (DCP) which was included in the City's bidding documents and was the basis upon which Hensel Phelps submitted their contract price.

The \$2,769,201.00 value was derived from proposals from the Hensel Phelps trade partners whom Hensel Phelps has contracted with on this project. The value also includes budgetary numbers for trades that have not been contracted. Finally, the value includes allowances for owner contingency and allowances for scope gap items that Hensel Phelps is responsible to provide and the trade has excluded from their proposal (such as crane matting).

Hensel Phelps tracks any deviations from the DCP and/or construction drawings as a trend estimate during the design process and as a change estimate during the construction process and/or once they have a sub-contractor hired to perform the scope of work. Once the estimate backup and price are negotiated and finalized, they are signed by the City's Representative. Backup for this item is attached as Change Estimate 89.2.



NEW AND EXISTING CONTRACT ITEMS ARE UTILIZED – TOTAL CREDIT (\$0.00)

Item No.1	Description
	Text Here
	DEDUCT

NEW AND EXISTING CONTRACT ITEMS ARE UTILIZED – TOTAL ADDITIVE COST \$2,769,201.00

Item No.1	Description
	Construction of a New Observation Deck
	ADD \$2,769,201.00

NET AMOUNT OF THIS CHANGE ORDER	\$2,769,201.00
--	-----------------------

ADDITIONAL CONTRACT TIME BEING REQUESTED– ONE HUNDRED & EIGHTY-ONE (181) CALENDAR DAYS

THE TOTAL AMOUNT OF THIS CHANGE ORDER	\$2,769,201.00
--	-----------------------



This Change Order provides for all costs and schedule adjustments associated with completing the work, including materials, labor, equipment, bond, insurance, overhead, profit, impacts, and any and all related items or associated costs incurred or resulting from the items listed above, and is provided in accordance with Article 13 – Changes in the Work of the Contract.

IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first written below.

Hensel Phelps Construction Co.

Approved: _____

Greg Jennings, Project Manager

CITY OF FORT LAUDERDALE,
a municipal corporation of the State of
Florida.

Jodi S. Hart, CPPO, CPPB, MBA
Chief Procurement Officer

Date: _____

*Pursuant to Section 2-179 Code of Ordinances of
the City of Fort Lauderdale, Florida

C: Financial Administrator
Project File



CHANGE ORDER SUMMARY SHEET

ORIGINAL CONTRACT AMOUNT	\$26,995,368.00
COST OF CHANGE ORDERS TO DATE	\$1,434,043.00
COST OF THIS CHANGE ORDER	\$2,769,201.00
TOTAL:	\$31,198,612.00
ORIGINAL CONTRACT TIME	777 calendar days
TIME ADDED TO DATE	0 calendar days
TIME ADDED TO THIS CHANGE ORDER	181 calendar days
TOTAL:	958 calendar days

SCHEDULE OF CHANGE ORDERS TO DATE

C.O.#	DATE	DESCRIPTION	AMOUNT OF COST OR CREDIT
1	2/6/2020	30% Design Fee for 27M Tower	\$185,218.00
2	2/6/2020	Dept. of Health and Building Code Change	\$230,620.00
3	3/10/2020	100% Design Fee for 27M Tower and Deck	\$501,493.00
4	3/10/2020	Deep Foundations for 27M Tower and Deck	\$516,712.00

The Fort Lauderdale Aquatic Center
501 Seabreeze Blvd
Fort Lauderdale, Florida 33316
954.361.2151 (O)

Thursday, June 25, 2020

Thomas Green
City of Fort Lauderdale
Community Redevelopment Agency
Fort Lauderdale Aquatic Center
914 NW 6th St
Fort Lauderdale, FL 33311

Subject: Change Estimate No. 089.2
North Building Observation Deck Construction Costs per
Rev. 7
Serial Letter No. 096

Thomas Green

The total estimated cost for this modification is **\$2,769,201**

Hensel Phelps is pleased to provide the following proposal for Change Estimate No. 0089.1, dated June 22nd, 2020. This change estimate is for the cost associated of labor, material and equipment associated with construction of the North Building (Building "B") to accommodate occupants on the roof at the Fort Lauderdale Aquatic Center per the Revision 7 drawings dated February 13th, 2020.

If you should have any questions concerning the attached, please contact James Camps at 305-967-3195.

Respectfully,

Hensel Phelps

James Camps
Project Engineer

Enclosed:

Qualifications & Assump.
Detailed Proposal
Proposal Back-up

Tom Green
Signature

6/29/2020
Date

C:
GJ, KC, BP, DP
CE No.
8018173

089.2

Fort Lauderdale Aquatic Center

Project #

8018173

CE NO.: 089.2

DESCRIPTION: North Building Observation Deck Construction Costs per Rev. 7

DATE: 6/25/2020

QUALIFICATIONS AND ADDITIONAL INFORMATION

- 1 This change estimate is for the cost associated of labor, material and equipment associated with construction of the North Building (Building "B") to accommodate occupants on the roof at the Fort Lauderdale Aquatic Center per the Revision 7 drawings dated February 13th, 2020.
- 2 Redland Company - Costs associated with the additional underground utilities and potable line connections due to the added for North Observation Deck .
- 3 Griffin Dewatering - Additional costs for (2) additional months of dewatering and additional equipment rental to support the new elevator pit at the North Observation Deck .
- 4 HJ Foundations - Cost associated with additional Augercast piles for the deep foundations was carried in Approved CE#89.1 (02.26.2020); CFL CO#04.
- 5 The Structure Group - Added costs associated with the additional material, labor, and equipment for the new concrete elevator pits, roof decks, eyebrows, foundations and misc. concrete/masonry scope of work for the North Observation Deck changes to Building "B".
- 6 Architectural Cladding Panels - Added costs associated with the additional labor, material and equipment for the architectural precast panels to create the Swimmerman Accent at the façade of Building "B" per the Rev. 7 drawings.
- 7 Miscellaneous Metals Fabricators, LLC. - Added costs associated with the additional material, labor, and equipment for the aluminum hand rails around the North Observation deck, HSS column, stair way hand rails, ship ladder for elevator pit, and sump pit grates for Building "B".
- 8 Fence Masters - Added costs associated with the labor, material and equipment for installing additional aluminum entrance swing gates, additional chain link gate and roll gate on the west side of the pool for the North Observation Deck.
- 10 Roofing Budget - Added costs for the labor, material and equipment to modify the existing TPO roof to a light weight insulated concrete roofing sub base and a raised paver system as the finished product for the North Observation Deck.
The paver/roofing system carried in this value does not support the additional live load of bleachers and personnel on bleachers .
- 11 Hollow Metal Door & Hardware - Additional costs for material and labor the revised and added hollow metal doors for the North Building Observation Deck.
- 12 Exterior Glazing System Costs - Costs incurred for added labor, material and equipment for the installation of windows on the first and second level of the North Building Observation Deck enhancement.
- 13 Drywall & Framing Budget - Costs budgeted for the labor, material and equipment for the added rooms of gypsum board framing and finishing on the first and second level of the North Building per the Observation Deck enhancement.
- 14 Stucco & Exterior Framing/Sheathing Budget - Costs budgeted for the labor, material and equipment for the exterior stucco, framing and finishing on the first and second level of the North Building per the Observation Deck enhancement.
- 15 Epoxy Flooring, Inc - Credited costs associated with the removal of epoxy flooring as the Storage Room was reduced in square footage in the North Building Observation Deck improvement.
- 16 Tile & Stone Budget - Costs budgeted for the labor, material and equipment for the installation of flooring in the elevator lobbies on the first and second level of the North Building per the Observation Deck enhancement.

- 17 Painting and Coating Budget - Costs budgeted for the labor, material and equipment for the interior and exterior walls and ceilings on the first and second level of the North Building per the Observation Deck enhancement.
- 18 Elech's, Inc - Added costs for the material and labor associated with the procurement and installation of the additional toilet accessories for the added Family Room Restroom at Building "B" in Rev. 7 Drawings.
- 19 Entrance Canopy - Credit for the Prefinished Aluminum Architectural Canopy's along the exterior of the North Building Restroom per the Revision 7 drawings.
- 20 Signage - Updated costs for code compliant signage for rooms changes that were modified and added, along with (1) exterior non-illuminated marquee sign on the north face of the North Building Restroom.
- 21 Elevators - Cost associated with for providing the labor, material and equipment for adding a single elevator cab at the North Building Observation Deck.
- 22 Rightway Plumbing - Additional costs associated with additional labor, material and equipment for the added Family restroom, elevator sump pits, roof drains, and misc. components associated with changes for the North Building Observation deck.
- 23 Mechanical, Electrical and Plumbing Coordination Budget - Budgeted costs for the revisions to the roof top unit, condensing unit, additional diffusers, additional duct work and revision to existing duct work to support the North Building Observation Deck.
- 24 Electrical - Cost associated with providing additional material, labor and equipment to support additional lighting, equipment and gears for the observation deck, elevator cab and new lobbies at Building "B".
- 25 Owner Reserves - Costs associated with any unforeseen, unanticipated or unplanned work to be done on the North Building Observation Deck at the Fort Lauderdale Aquatic Center.
- 26 Hensel Phelps General Conditions and Requirement Costs - Costs incurred for General Conditional and Requirements at the Fort Lauderdale Aquatic Center associated with the changes made to Building "B" per Revision 7 drawings.
- 27 Additional Construction Administration Costs for Designers - Budgeted additional cost for construction administration due to re-reviewal of previous submittals, requests for information and site visits for the added scope of work with Building "B" Rev. 7 drawing changes.
- 28 Hensel Phelps has incurred a schedule impact of five months and twenty five days that is associated with the addition of the North Observation Deck at Building "B". This impact has pushed the revised Substantial Completion date of from December 2020 to July 2021. This has also impacted the general conditions original budgeted for the project, these costs are captured within this change estimate. Please reference TIA-05 that denotes the North Observation activities.



8018173 Fort Lauderdale Aquatic Center		Change Estimate No. 089.2 DETAILED PROPOSAL								Est. DATE: 6/25/2020	
Estimate Worksheet		North Building Observation Deck Construction Costs per Rev. 7									
ITEM	DESCRIPTION OF WORK	QUANTITY	UNITS	MATERIAL	MATERIAL	LABOR	LABOR	EQUIPMENT	EQUIPMENT		TOTAL
#				UNIT PRICE	EXTENSION	w/ Burden UNIT PRICE	w/ Burden EXTENSION	or OTHER UNIT PRICE	or OTHER EXTENSION		PROPOSAL
1.0	Div. 02 - Sitework										
1.1	Redland Company - Costs associated with the additional underground utilities and potable lines connections due to the added for North Observation Deck .	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 31,271.00	\$ 31,271.00	\$	31,271
1.2	Griffin Dewatering - Additonal costs for (2) additional months of dewatering and additional equipment rental to support the new elevator pit at the North Observation Deck .	2.00	MN	\$ -	\$ -	\$ -	\$ -	\$ 4,800.00	\$ 9,600.00	\$	9,600
1.3	HJ Foundations - Cost associated with additonal Augercast piles for the deep foundations was carried in Approved CE#89.1 (02.26.2020); CFL CO#04.	1.00	LS		\$ -	\$ 43,209.66	\$ 43,209.66	\$ -	\$ -	\$ -	-
1.4	HJ Foundations - Cost associated with additonal additional 14" pile due to unforeseen underground utilities per HP RFI #031. Cost carried is per unit rates in HJ Contract.	1.00	LS		\$ -	\$ 1,380.00	\$ 1,380.00	\$ -	\$ -	\$	1,380
2.0	Div. 03 - Concrete										
2.1	The Structure Group - Added costs associated with the additional material, labor, and equipment for the new concrete elevator pits, roof decks, eyebrows, foundations and misc. concrete/masonry scope of work for the North Observation Deck changes to Building "B".	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 292,175.00	\$ 292,175.00	\$	292,175









8018173 Fort Lauderdale Aquatic Center		Change Estimate No. 089.2 DETAILED PROPOSAL								Est. DATE: 6/25/2020	
Estimate Worksheet		North Building Observation Deck Construction Costs per Rev. 7									
ITEM #	DESCRIPTION OF WORK	QUANTITY	UNITS	MATERIAL UNIT PRICE	MATERIAL EXTENSION	LABOR w/ Burden UNIT PRICE	LABOR w/ Burden EXTENSION	EQUIPMENT or OTHER UNIT PRICE	EQUIPMENT or OTHER EXTENSION		TOTAL PROPOSAL
2.2	Architectural Cladding Panels - Costs associated with the additional labor, material and equipment for the architectural precast panels to create the Swimmerman Accent at the façade of Building "B" per the Rev. 7 drawings.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 462,959.00	\$ 462,959.00		\$ 462,959
3.0	Div. 05 - Misc. Metals										
3.1	Miscellaneous Metals Fabricators, LLC. - Costs associated with the additional material, labor, and equipment for the aluminum hand rails around the North Observation deck, HSS column, stair way hand rails, ship ladder for elevator pit, and sump pit grates for Building "B".	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 116,222.00	\$ 116,222.00		\$ 116,222
3.2	Fence Masters - Added costs associated with the labor, material and equipment for installing additional aluminum entrance swing gates, additional chain link gate and roll gate on the west side of the pool for the North Observation Deck.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 6,475.00	\$ 6,475.00		\$ 6,475
4.0	Div. 07 - Thermal and Moisture Protection										
4.1	Roofing Budget - Added costs for the labor, material and equipment to modify the existing TPO roof to a light weight insulated concrete roofing sub base and a raised paver system as the finished product for the North Observation Deck. <i>The paver/roofing system carried in this value does not support the additional live load of bleachers and/or personnel on bleachers.</i>	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 93,936.12	\$ 93,936.12		\$ 123,416
5.0	Div. 08 - Doors and Windows										
5.1	Hollow Metal Door & Hardware - Additional costs for material and labor the revised and added hollow metal doors for the North Building Observation Deck.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 8,643.00	\$ 8,643.00		\$ 8,643
5.2	Exterior Glazing System Costs - Costs incurred for added labor, material and equipment for the installation of windows on the first and second level of the North Building Observation Deck enhancement.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 57,769.00	\$ 57,769.00		\$ 57,769
6.4	Break Metal Cladding Budget - End Caps at exterior glazing and/or interior column cover.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 2,000.00	\$ 2,000.00		\$ -





8018173 Fort Lauderdale Aquatic Center		Change Estimate No. 089.2 DETAILED PROPOSAL North Building Observation Deck Construction Costs per Rev. 7								Est. DATE: 6/25/2020	
Estimate Worksheet											
ITEM #	DESCRIPTION OF WORK	QUANTITY	UNITS	MATERIAL UNIT PRICE	MATERIAL EXTENSION	LABOR w/ Burden UNIT PRICE	LABOR w/ Burden EXTENSION	EQUIPMENT or OTHER UNIT PRICE	EQUIPMENT or OTHER EXTENSION		TOTAL PROPOSAL
6.0	Div. 09 - Finishes										
6.1	Drywall & Framing Budget - Costs budgeted for the labor, material and equipment for the added rooms of gypsum board framing and finishing on the first and second level of the North Building per the Observation Deck enhancement.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 37,389.00	\$ 37,389.00	\$	✓ 37,389
6.2	Stucco & Exterior Framing/Sheathing Budget - Costs budgeted for the labor, material and equipment for the exterior stucco, framing and finishing on the first and second level of the North Building per the Observation Deck enhancement.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 80,350.00	\$ 80,350.00	\$	✓ 80,350
6.3	Epoxy Flooring, Inc - Credited costs associated with the removal of epoxy flooring as the Storage Room was reduced in square footage in the North Building Observation Deck improvement.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ (1,330.00)	\$ (1,330.00)	\$	✓ (1,330)
6.4	Tile & Stone Budget - Costs budgeted for the labor, material and equipment for the installation of flooring in the elevator lobbies on the first and second level of the North Building per the Observation Deck enhancement.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 22,125.00	\$ 22,125.00	\$	✓ 22,125
6.5	Painting and Coating Budget - Costs budgeted for the labor, material and equipment for the interior and exterior walls and ceilings on the first and second level of the North Building per the Observation Deck enhancement.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 27,793.00	\$ 27,793.00	\$	✓ 27,793
10.0	Div. 10 - Specialties										
10.1	Elech's, Inc - Added costs for the material and labor associated with the procurement and installation of the additional toilet accessories for the added Family Room Restroom at Building "B" in Rev. 7 Drawings.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 1,894.00	\$ 1,894.00	\$	1,894 \$1,884 (-) 10.00
10.2	Entrance Canopy - Credit for the Prefinished Aluminum Architectural Canopy's along the exterior of the North Building Restroom per the Revision 7 drawings.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ (27,350.00)	\$ (27,350.00)	\$	✓ (27,350)



8018173 Fort Lauderdale Aquatic Center		Change Estimate No. 089.2 DETAILED PROPOSAL								Est. DATE: 6/25/2020	
Estimate Worksheet		North Building Observation Deck Construction Costs per Rev. 7									
ITEM #	DESCRIPTION OF WORK	QUANTITY	UNITS	MATERIAL UNIT PRICE	MATERIAL EXTENSION	LABOR w/ Burden UNIT PRICE	LABOR w/ Burden EXTENSION	EQUIPMENT or OTHER UNIT PRICE	EQUIPMENT or OTHER EXTENSION		TOTAL PROPOSAL
10.3	Signage - Update costs for code compliant signage for rooms changes that were modified and added, along with (1) exterior non-illuminated marky sign on the north face of the North Building Restroom.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 10,389.46	\$ 10,389.46	\$	 10,389 \$10,338 (-) 51.00
11.0	Div. 14 - Conveying Systems										
11.1	Elevators - Cost associated providing the labor, material and equipment for adding a single elevator cab at the North Building Observation Deck.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 133,997.00	\$ 133,997.00	\$	 133,997
12.0	Div. 15 - MPF										
12.1	Rightway Plumbing - Additional costs associated with additional labor, material and equipment for the added Family restroom, elevator sump pits, roof drains, and misc. components associated with changes for the North Building Observation deck.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 12,468.00	\$ 12,468.00	\$	 12,468
12.2	Mechanical Budget - Budgeted costs for the revisions to the roof top unit, condensing unit, additional diffusers, additional duct work and revision to existing duct work to support the North Building Observation Deck.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 25,000.00	\$ 25,000.00	\$	 25,000
13.0	Div. 16 - Electrical										
13.0	Electrical - Cost associated with providing additional material, labor and equipment to support additonal lighting, equipment and gears for the observation deck, elevator cab and new lobbies at Building "B".	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$199,962	\$ 199,962.12	\$	 199,962
14.0	Div. 90 - Owner-Contingency										
14.1	Owner Reserves - Costs associated with any unforeseen, unanticipated or unplanned work to be done on the North Building Observation Deck at the Fort Lauderdale Aquatic Center.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$98,012	\$ 98,012.00	\$	 98,012 \$98,073 (+) 61.00



8018173 Fort Lauderdale Aquatic Center			Change Estimate No. 089.2 DETAILED PROPOSAL								Est. DATE: 6/25/2020	
Estimate Worksheet			North Building Observation Deck Construction Costs per Rev. 7									
ITEM #	DESCRIPTION OF WORK	QUANTITY	UNITS	MATERIAL UNIT PRICE	MATERIAL EXTENSION	LABOR w/ Burden UNIT PRICE	LABOR w/ Burden EXTENSION	EQUIPMENT or OTHER UNIT PRICE	EQUIPMENT or OTHER EXTENSION		TOTAL PROPOSAL	
15.0	Div. 90 - Additional GR/GCs Incurred											
15.1	Hensel Phelps General Conditions and Requirement Costs - Costs incurred for General Conditional and Requirements at the Fort Lauderdale Aquatic Center associated with the changes made to Building "B" per Revision 7 drawings.	5.83	MNTH	\$ -	\$ -	\$ -	\$ -	\$ 785,408.79	\$ 785,408.79	\$ 	785,409	
16.0	Div. 90 - A/E Design Costs											
16.1	Additional Construction Administration Costs for Designers - Budgeted additional cost for construction administration due to re-reviewal of previous submittals, requests for information and site visits for the added scope of work with Building "B" Rev. 7 drawing changes.	1.00	LS	\$ -	\$ -	\$ -	\$ -	\$ 53,288.67	\$ 53,288.67	\$ 	53,289	
SUBTOTAL					\$19,128.00		\$80,778.66		\$ 2,684,552		\$ 2,569,307	
17.0	Miscellaneous											
17.1	Subcontractor Bonds - w/ Above Sub Proposals	w/ Above						\$ -	\$ -		\$ -	
17.2	Hensel Phelps Fee (6.0%)	6.00%	%					\$ 154,158.42	\$ 154,158.42		\$ 154,158	
17.3	Hensel Phelps G/L Insurance (0.54%)	0.54%	%					\$ 14,785.15	\$ 14,785.15		\$ 14,785	
17.4	Hensel Phelps Builder's Risk Insurance (0.58%)	0.58%	%					\$ 15,802.99	\$ 15,802.99		\$ 15,803	
17.5	Hensel Phelps P&P Bond (0.55%)	0.55%	%					\$ 15,147.29	\$ 15,147.29		\$ 15,147	
TOTAL											\$ 2,769,201	

TOTAL PROPOSAL

\$2,769,201





BUDGET BREAKOUT REPORT - GFRC Cladding

PROJECT: [Fort Lauderdale Aquatic Center](#)

FUNDING: [Revision #7 - Change Order](#)

INITIATED : [04/02/20](#)

SEC. NO.	DESCRIPTION	FSR	QTY	UNIT	UNIT COST	TOTAL
BUDGET: Rev #7	GFRC Cladding at Bldg B					
	Building Blocks, Inc proposal	3.03	1	\$LSUM	290,700.00	290,700
	Technical design assistant services	3.03	1	\$SUB	25,000.00	25,000
	Caulking at GFRC Panels		1	\$SUB	w/above	w/above
	Add tax excluded from proposal (assume 60% material of total)	3.03	7%	\$LSUM	174,420.00	12,209
	Subcontractor Bond	3.03	2.0%	\$LSUM	327,909.40	6,558
	HP Review - Scope missing from Gate Precast Proposal					
	Engineering / Design contingency for precast structure for adjustm	3.03	1	ALLOW	55,938.76	55,939
	Crane Matting - Rental, Equipment and Operate per Month	3.03	1	MO	34,868.00	34,868
	Offsite inspections for precast by HP and Subs for embeds & slee	3.03	1	ALLOW	10,000.00	10,000
	OffsiteStorage and Handling	3.03	1	ALLOW	10,100.00	10,100
	3rd Party Materials Testing / Inspection (By Owner)	3.03	1	\$LSUM	15,000.00	Owner Contingency
	Temporary Protection - Material	3.03	2,236	SQ.FT.	1.75	3,913
	Temporary Protection - Labor	3.03	215	HRS	40.39	8,683
	Contruction Cleaning and Safety	3.03	57	HRS	28.51	1,635
	Final Cleaning	5.02	2,236	SQ.FT.	1.50	3,354
	Subtotal 27M Tower - Precast Budget					\$462,959



BUDGET BREAKOUT REPORT - REV #7 - MISC METALS

PROJECT: [Fort Lauderdale Aquatic Center](#)

FUNDING: [Revision #7 - Change Order](#)

INITIATED : [04/02/20](#)

SEC. NO.	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
BUDGET:	Building B - Misc Iron				
Item # 1	Wall Railing	128	SQFT	160.00	20,480
Item # 2	Elevator Misc Iron	1	LSUM	7,500.00	7,500
Item # 3	Roof Ladder	1	LSUM	3,800.00	3,800
Item # 10	Steel Column	1	LSUM	4,016.80	4,017
Item # 11	Lighted Railings	136	LN.FT.	390.00	53,040
Item # 12	Guardrail - Stair	4	LNFT	300.00	1,200
Item # 13	Fall Protection guardrail	42	LNFT	200.00	8,400
	Subcontractor Bond	3%	\$SUB	98,436.80	2,953
	Building B - Misc Metal Fab - Budget breakout				\$101,390
BUDGET:	27m Tower - Misc Iron				
Item # 4	Guardrail at Stairs	93	LNFT	300.00	27,900
Item # 5	Gates - 42" high with vertical pickets	2	EACH	1,250.00	2,500
Item # 6	Sliding Alum Gate - 4ft x 7ft	1	LSUM	2,500.00	2,500
Item # 7	Sliding Alum Gate - 8'-7" x 7ft	1	LSUM	4,500.00	4,500
Item # 8	Wall Rail at Dive Tower	170	SQFT	160.00	27,200
Item # 9	Upgrade Railing at Dive Tower	571	LN.FT.	125.00	71,375
Item # 14	Guardrail at Stair Tower	170	LN.FT.	200.00	34,000
	Subcontractor Bond	3%	\$SUB	169,975.00	5,099
	Subtotal 27M Tower - Misc Metal Fab - Budget breakout				\$175,074
	Subtotal Building B - Misc Metal Fab - Budget breakout	1	LSUM	101,389.90	101,390
	Subtotal 27M Tower - Misc Metal Fab - Budget breakout	1	LSUM	175,074.25	175,074
	Subtotal Misc Metal Fab Proposal				\$276,464
	HP Review - Scope missing from Misc Metal Fab proposal				
	Guardrail around perimeter of Stair #2 - Building B (not included in proposal by Misc Metal Fab)	48	LN.FT.	300.00	14,400
	Subcontractor Bond	3%	\$SUB	14,400.00	432
					\$14,832
	Misc Iron Summary				
	Subtotal Building B - Misc Metal Fab - Budget breakout	1	LSUM	101,389.90	101,390
	Subtotal HP Review - Missing Scope (allocate to Bldg B)	1	LSUM	14,832.00	14,832
	Subtotal Building B - Budget breakout				\$116,222
	Subtotal 27M Tower - Misc Metal Fab - Budget breakout	1	LSUM	175,074.25	175,074
	Subtotal 27m Tower - Budget breakout				\$175,074
	NET CHANGE:				\$291,296



BUDGET BREAKOUT REPORT - REV #7 - ROOFING

PROJECT: [Fort Lauderdale Aquatic Center](#)

FUNDING: [Revision #7 - Change Order](#)

INITIATED : [04/02/20](#)

SEC. NO.	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
BUDGET:	Building B - Rev #7 Roofing				
	Thermaseal - Rev #7 proposal	1	\$SUB	87,028.98	87,029
	Thermaseal - Rev #7 proposal - lightweight	1	\$SUB	5,167.12	5,167
	Subcontractor Bond	2%	\$SUB	92,196.10	1,844
	Temporary Protection - Material - Roof Pavers, 2nd FL & Stairs	1,379	SQ.FT.	1.75	2,413
	Temporary Protection - Labor - Roof Pavers, 2nd FL & Stairs	344	HRS	40.39	13,892
	Contruction Cleaning and Safety - Roof Deck - Rev #7	258	HRS	28.51	7,356
	Final Cleaning - Roof Pavers & Glazing	3,810	SQ.FT.	1.50	5,715
Subtotal Building B - Roofing - Budget breakout					\$123,416



TREND REPORT - DOOR INSTALL

PROJECT: [Fort Lauderdale Aquatic Center](#)

FUNDING: [Revision #7 - Change Order](#)

INITIATED : [04/02/20](#)

SEC. NO.	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
GMP BUDGET:	08-13-13.13 Standard Hollow Metal Doors				
	Hollow Metal Doors 3'-0" x 7'-0"	24	ea	82.06	1,969
	Hollow Metal Frames Single (By Masonry Contractor)	8	ea	0.00	0
	Hollow Metal Frames Double	8	ea	0.00	0
	08-71-20.15 Hardware				
	Installation of Door Hardware	24	ea	164.12	3,939
	U/D Doors	24	ea	20.87	501
	U/D Frames	16	ea	20.87	334
	U/D Hardware	24	ea	7.91	190
	Sales Tax - N/A				
	Contractor's Fee - 6%	6%	LSUM	6,932.96	416
	GMP - Door Install Budget				\$7,349
BUDGET: Rev#7	08-13-13.13 Standard Hollow Metal Doors				
	Hollow Metal Doors 3'-0" x 7'-0"	27	ea	82.06	2,216
	Hollow Metal Frames Single (By Masonry Contractor)	11	ea	0.00	0
	Hollow Metal Frames Double	8	ea	0.00	0
	08-71-20.15 Hardware				
	Installation of Door Hardware	27	ea	164.12	4,431
	U/D Doors	27	ea	20.87	563
	U/D Frames	19	ea	20.87	397
	U/D Hardware	27	ea	7.91	214
	Sales Tax - N/A	0	LSUM	0.00	0
	Contractor's Fee - 6%	6%	LSUM	7,820.45	469
	Rev #7 - Door Install Budget				\$8,290
	GMP - Door Install Budget	1	LSUM	(7,348.94)	(7,349)
	Rev #7 - Door Install Budget	1	LSUM	8,289.68	8,290
	NET CHANGE - Precast Budget				\$941

TREND ESTIMATE REPORT - Glazing

PROJECT: [Fort Lauderdale Aquatic Center](#)

FUNDING: [Revision #7 - Change Order](#)

INITIATED : 04/02/20

SEC. NO.	DESCRIPTION	FSR	QTY	UNIT	UNIT COST	TOTAL
ORIGINAL BUDGET:	Glazing - GMP					
	Mr. Glass Proposal	9.03	1	\$SUB	24,900.00	24,900
	Subcontractor Bond	9.03	1.5%	\$SUB	24,900.00	374
Subtotal Original Budget						\$25,274
REVISED BUDGET:	Glazing - Rev #7					
	Mr. Glass Proposal	9.03	1	\$SUB	79,263.64	79,264
	Subcontractor Bond	9.03	1.5%	\$SUB	79,263.64	1,189
	Breakmetal cladding	8.03	1	LSUM	2,500.00	2,500
Subtotal Revised Budget						\$82,953
NET CHANGE:						\$57,679



INITIATED : 04/02/20

CAM #20-0487
Exhibit 2
Page 18 of 119



TREND ESTIMATE REPORT - Resilient Flooring - Rough Tex

PROJECT: [Fort Lauderdale Aquatic Center](#)

FUNDING: [Revision #7 - Change Order](#)

INITIATED : [04/02/20](#)

SEC. NO.	DESCRIPTION	FSR	QTY	UNIT	UNIT COST	TOTAL
ORIGINAL BUDGET:	Interior Painting					
	CMU Walls - Epoxy Paint	9.07	3,371	SQFT	1.35	4,551
	CMU/GWB - Regular paint	9.07	3,187	SQFT	1.35	4,302
	GWB Ceilings	9.07	313	SQFT	1.35	423
	Exposed paint ceilings	9.07	1,832	SQFT	1.35	2,473
	Concrete sealer for floors	9.07	915	SQFT	1.35	1,235
	Exterior Painting					0
	Stucco walls	9.07	6,500	SQFT	1.75	11,375
	Subcontractor Fee		10%		24,359.30	2,436
	Subcontractor Bond		3%		26,795.23	804
Subtotal Original Budget						\$27,599
REVISED BUDGET:						
	Interior Painting					
	CMU Walls - Epoxy Paint	9.07	3,371	SQFT	1.35	4,551
	CMU/GWB - Regular paint	9.07	4,467	SQFT	1.35	6,030
	GWB Ceilings	9.07	751	SQFT	1.35	1,014
	Exposed paint ceilings	9.07	1,832	SQFT	1.35	2,473
	Concrete sealer for floors	9.07	915	SQFT	1.35	1,235
	Exterior Painting					0
	Stucco walls	9.07	8,876	SQFT	2.25	19,971
	Clear Coat Sealer at Canopies & Eyebrows	9.07	965	EACH	3.25	3,136
	Prep & Protection for Accent Painting	9.07	1	LSUM	7,500.00	7,500
	Stair #2 - Slip resistant Sealer / traffic coating	9.07	331	SQ.FT.	9.00	2,979
	Subcontractor Fee	9.07	10%	LSUM	48,890.12	4,889
	Subcontractor Bond	9.07	3%	LSUM	53,779.13	1,613
						0
Subtotal Revised Budget						\$55,393
NET CHANGE:						\$27,793



BUDGET BREAKOUT REPORT - REV #7 - ELEVATOR

PROJECT: [Fort Lauderdale Aquatic Center](#)

FUNDING: [Revision #7 - Change Order](#)

INITIATED : 04/02/20

SEC. NO.	DESCRIPTION	FSR	QTY	UNIT	UNIT COST	TOTAL
BUDGET:	Building B - Rev #7 - Elevator					
	ThyssenKrupp Proposal	14.01	1	\$\$SUB	106,319.00	106,319
	Emergency Battery lowering device	14.01	1	\$\$SUB	w/above	w/above
	Subcontractor Bond	14.01	1.5%	\$\$SUB	106,319.00	1,595
	Protection Pads	6.01	1	LSUM	1,500.00	1,500
	Temp Operator	6.01	3	MNTH	4,903.72	14,711
	Recertification of Elevator	14.01	16	HRS	287.00	4,592
	Waterproofing at Elevator Pit	7.01	320	SQ.FT.	16.50	5,280
	Sump Pump	15.02	1	LSUM	w/15.02	w/15.02
	Hoist Beam	5.02	1	LSUM	w/5.02	w/5.02
	Subtotal Building B - Elevator - Budget breakout					\$133,997



PROJECT: Fort Lauderdale Aquatic Center

FUNDING: Revision #7 - Change Order

INITIATED : 04/02/20

BUDGET:	Building B - Electrical				
	Hypower Proposal	1	\$SUB	199,962.12	199,962
	Subcontractor Bond	1	\$SUB	w/above	w/above
Subtotal Building B - Electrical - Budget breakout				\$199,962	

Owner Allowances - Building B - Rev #7

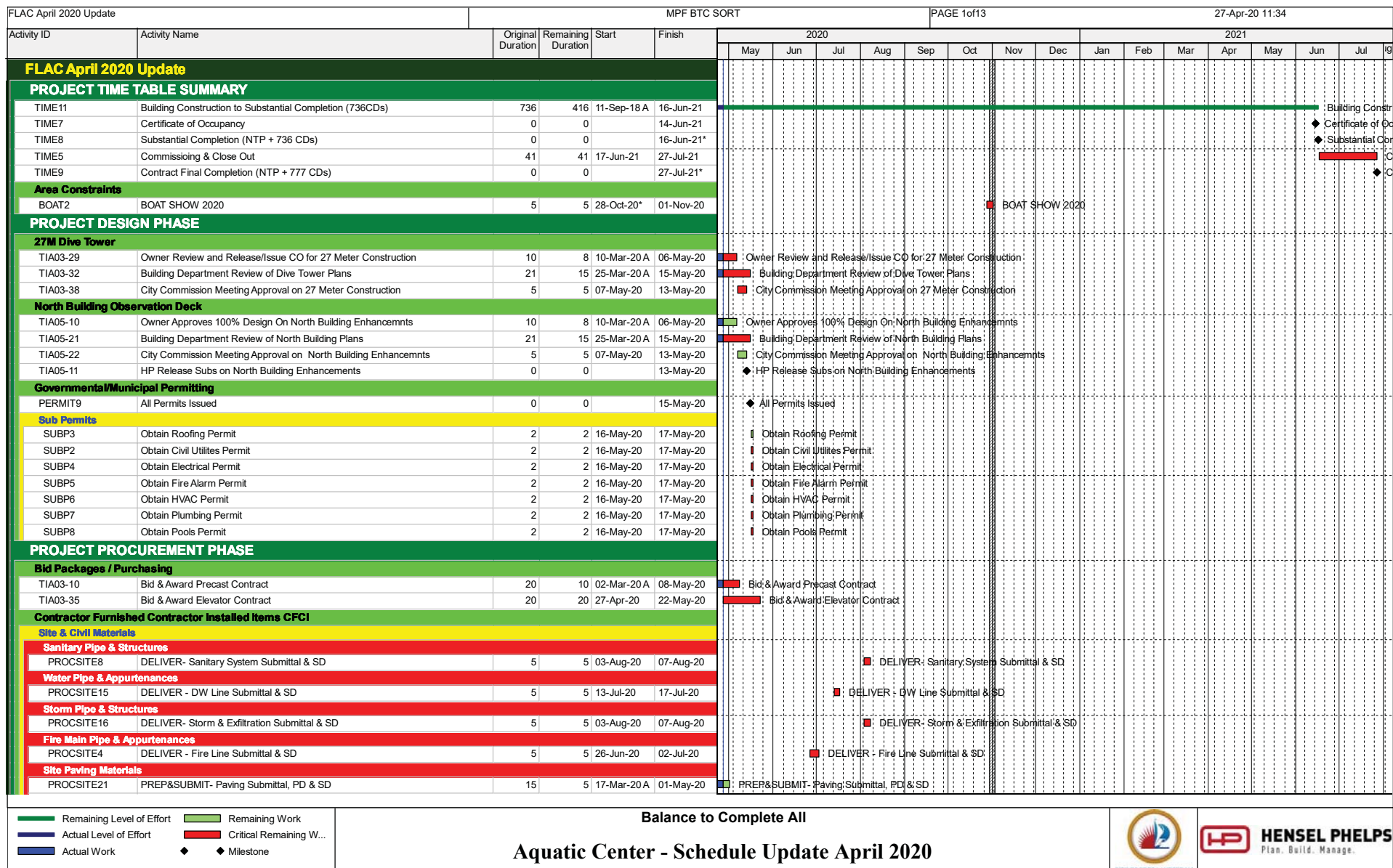
PROJECT: [Fort Lauderdale Aquatic Center](#)

FUNDING: [Revision #7 - Change Order](#)

ADJ EST NO.:

INITIATED : [04/02/20](#)

SEC. NO.	DESCRIPTION	FSR	QTY	UNIT	UNIT COST	TOTAL
ORIGINAL BUDGET:						
Subtotal Original Budget						\$0
REVISED BUDGET:	Owner Allowances - Rev #7 - Bldg B					
	Owner Testing and inspection for offsite precast		1	ALLOW	15,000.00	15,000
	Custom cut aluminum panels at entry fence		168	SQ.FT.	125.00	21,000
	Finish upgrades - Bldg B		1	ALLOW	8,000.00	8,000
	Window Treatments		668	SQ.FT.	9.00	6,012
	Pedestals for temporary Bleachers		1	ALLOW	20,000.00	20,000
	C.I.P and Cladding Interface Final Design/Construction		1	ALLOW	28,000.00	28,000
Subtotal Owner Allowance - Rev #7						\$98,012




HENSEL PHELPS
 Plan. Build. Manage.

FLAC April 2020 Update				MPF BTC SORT				PAGE 3 of 13				27-Apr-20 11:34																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	2020												2021																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
						May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Remaining Level of Effort
 Actual Level of Effort
 Actual Work

Remaining Work
 Critical Remaining W...
 Milestone

Balance to Complete All

Aquatic Center - Schedule Update April 2020



HENSEL PHELPS
Plan. Build. Manage.

FLAC April 2020 Update			MPF BTC SORT				PAGE 4 of 13		27-Apr-20 11:34																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	2020												2021																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
						May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct

Remaining Level of Effort
 Actual Level of Effort
 Actual Work
 Remaining Work
 Critical Remaining W...
 Milestone

Balance to Complete All

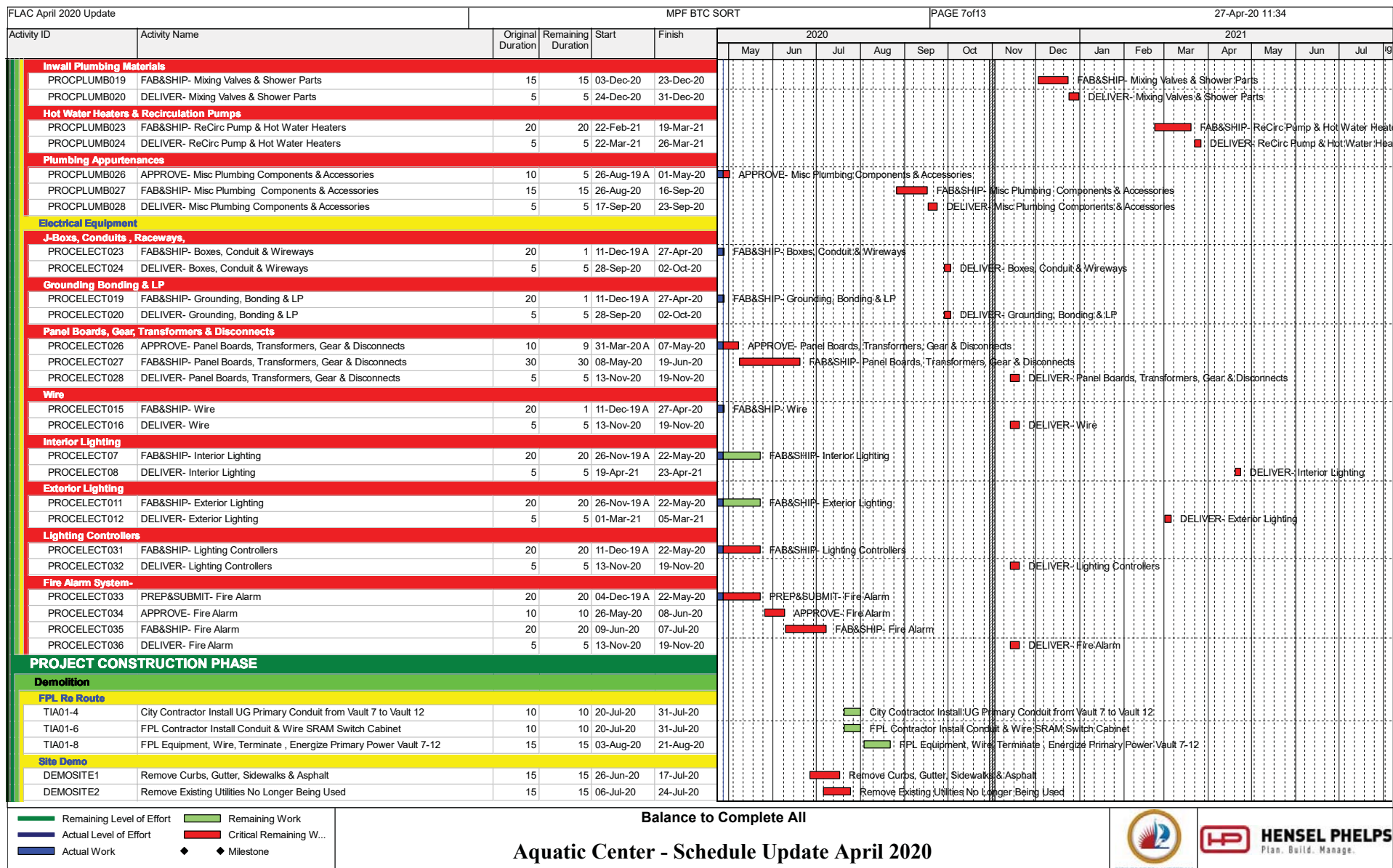
Aquatic Center - Schedule Update April 2020



HENSEL PHELPS
Plan. Build. Manage.


HENSEL PHELPS
 Plan. Build. Manage.


HENSEL PHELPS
 Plan. Build. Manage.



FLAC April 2020 Update				MPF BTC SORT				PAGE 8 of 13				27-Apr-20 11:34											
Activity ID		Activity Name		Original Duration	Remaining Duration	Start	Finish	2020							2021								
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Pools & Pool Deck Areas Demo																							
Training Pool Demo																							
DEMOTPOL1		Leak Test & Survey Existing Conditions Prior To Demo		8	8	27-Apr-20	06-May-20	Leak Test & Survey Existing Conditions Prior To Demo															
DEMOTPOL9		Recieve Change Order for Leak Test & Survey (CE #21)		0	0	27-Apr-20*		Recieve Change Order for Leak Test & Survey (CE #21)															
Site & Civil																							
Utilities																							
SITEUG1		Install 10" Fire Line & Hydrants		15	15	06-Jul-20	24-Jul-20	Install 10" Fire Line & Hydrants															
SITEUG2		Install Domestic Water Line		15	15	20-Jul-20	07-Aug-20	Install Domestic Water Line															
SITEUG18		Drill Geo Thermal Wells		40	40	27-Jul-20	21-Sep-20	Drill Geo Thermal Wells															
SITEUG3		Install Storm & Exfiltration Piping		35	35	10-Aug-20	28-Sep-20	Install Storm & Exfiltration Piping															
SITEUG17		Install Sanitary Line		15	15	10-Aug-20	28-Aug-20	Install Sanitary Line															
SITEUG4		Re Configure Backwash Water Containment Tank		15	15	08-Sep-20	28-Sep-20	Re Configure Backwash Water Containment Tank															
SITEUG19		Geo Thermal Well Piping		40	40	22-Sep-20	19-Nov-20	Geo Thermal Well Piping															
SITEUG20		Install Permanant Disposal Well		2	2	29-Sep-20	30-Sep-20	Install Permanant Disposal Well															
SITEUG7		Install Geo Thermal Heat Pumps in Grandstand		40	40	20-Oct-20	21-Dec-20	Install Geo Thermal Heat Pumps in Grandstand															
Finish Site Improvements																							
SITEUG6		Install Musco Lighting		10	11	07-Apr-20 A	11-May-20	Install Musco Lighting															
SITEUG5		Backfill & Rough Grade Site		10	10	18-Feb-21	03-Mar-21	Backfill & Rough Grade Site															
SITEUG8		Fine Grade Site		15	15	22-Feb-21	12-Mar-21	Fine Grade Site															
SITEUG10		Install Perm Fence & Gates		10	10	01-Mar-21	12-Mar-21	Install Perm Fence & Gates															
SITEUG11		Install Hardscape & Sidewalks		20	20	01-Mar-21	26-Mar-21	Install Hardscape & Sidewalks															
SITEUG12		Install Landscaping		20	20	15-Mar-21	09-Apr-21	Install Landscaping															
SITEUG14		Install Curb, Gutter		15	15	29-Mar-21	16-Apr-21	Install Curb, Gutter															
SITEUG15		Install Asphalt Paving		15	15	19-Apr-21	07-May-21	Install Asphalt Paving															
SITEUG13		Install Main Entry Flag Pole Foundations		5	5	19-Apr-21	23-Apr-21	Install Main Entry Flag Pole Foundations															
SITEUG21		Install Main Entry Flag Poles		5	5	26-Apr-21	30-Apr-21	Install Main Entry Flag Poles															
SITEUG16		Stripe Parking Lot		6	6	10-May-21	17-May-21	Stripe Parking Lot															
Ground Improvement																							
Tremie Seal - Dive Pool Only																							
TREMIE5		Excavate & Prep To Bottom Of Tremie Seal Placement @ Dive Pool		15	15	27-Apr-20	15-May-20	Excavate & Prep To Bottom Of Tremie Seal Placement @ Dive Pool															
TREMIE6		Tremie Seal Placement @ Dive Pool		10	10	18-May-20	01-Jun-20	Tremie Seal Placement @ Dive Pool															
TREMIE7		Cure & Dewater Tremie Seal @ Dive Pool		5	5	02-Jun-20	08-Jun-20	Cure & Dewater Tremie Seal @ Dive Pool															
TREMIE8		Cut, Chip & Install Rock Layer Atop Tremie Seal @ Dive Pool		10	10	09-Jun-20	22-Jun-20	Cut, Chip & Install Rock Layer Atop Tremie Seal @ Dive Pool															
Sheet Pile																							
SHP6		Fine Grade & Export Fill Post ACP Installation		15	15	27-Apr-20	15-May-20	Fine Grade & Export Fill Post ACP Installation															
SHP2		Install Sheets @ Training Pool Surge Tank		5	5	18-May-20	22-May-20	Install Sheets @ Training Pool Surge Tank															
SHP5		Remove Sheets @ Comp Pool		10	10	28-Aug-20	11-Sep-20	Remove Sheets @ Comp Pool															
SHP3		Remove Sheets @ Training Pool Surge Tank		5	5	28-Aug-20	03-Sep-20	Remove Sheets @ Training Pool Surge Tank															
SHP4		Remove Sheets @ Dive Pool		15	15	01-Oct-20	21-Oct-20	Remove Sheets @ Dive Pool															
Cont. Flight Auger Cast Piles																							
CFACP3		Chip Piles To Final Elevation - Comp Pool		15	15	27-Apr-20	15-May-20	Chip Piles To Final Elevation - Comp Pool															
CFACP7		Chip Piles To Final Elevation - Grandstand Building		5	5	07-May-20	13-May-20	Chip Piles To Final Elevation - Grandstand Building															
CFACP9		Chip Piles To Final Elevation - Bathroom Building		5	5	07-May-20	13-May-20	Chip Piles To Final Elevation - Bathroom Building															
CFACP11		Excavate Comp Pool		5	5	14-May-20	20-May-20	Excavate Comp Pool															
CFACP5		Chip Piles To Final Elevation - Pool Deck		5	5	02-Jun-20	08-Jun-20	Chip Piles To Final Elevation - Pool Deck															
CFACP10		Chip Piles To Final Elevation - Teaching Pool		3	3	23-Jun-20	25-Jun-20	Chip Piles To Final Elevation - Teaching Pool															

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining W...

Milestone

Balance to Complete All

HENSEL PHELPS
Plan. Build. Manage.

Aquatic Center - Schedule Update April 2020

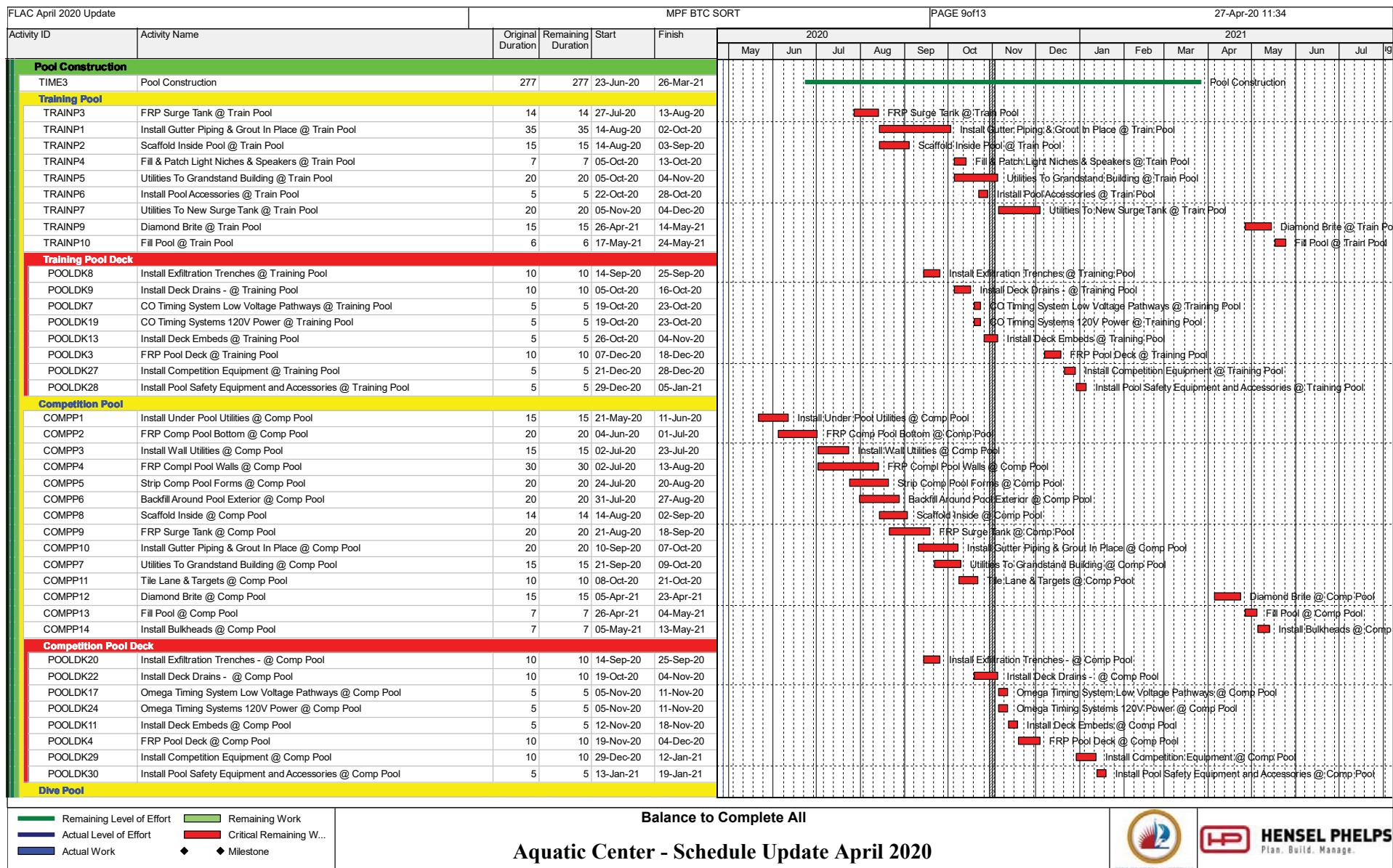
■ Remaining Level of Effort ■ Remaining Work
■ Actual Level of Effort ■ Critical Remaining W...
■ Actual Work ◆ ◆ Milestone

Balance to Complete All

Aquatic Center - Schedule Update April 2020



HENSEL PHELPS
Plan. Build. Manage.

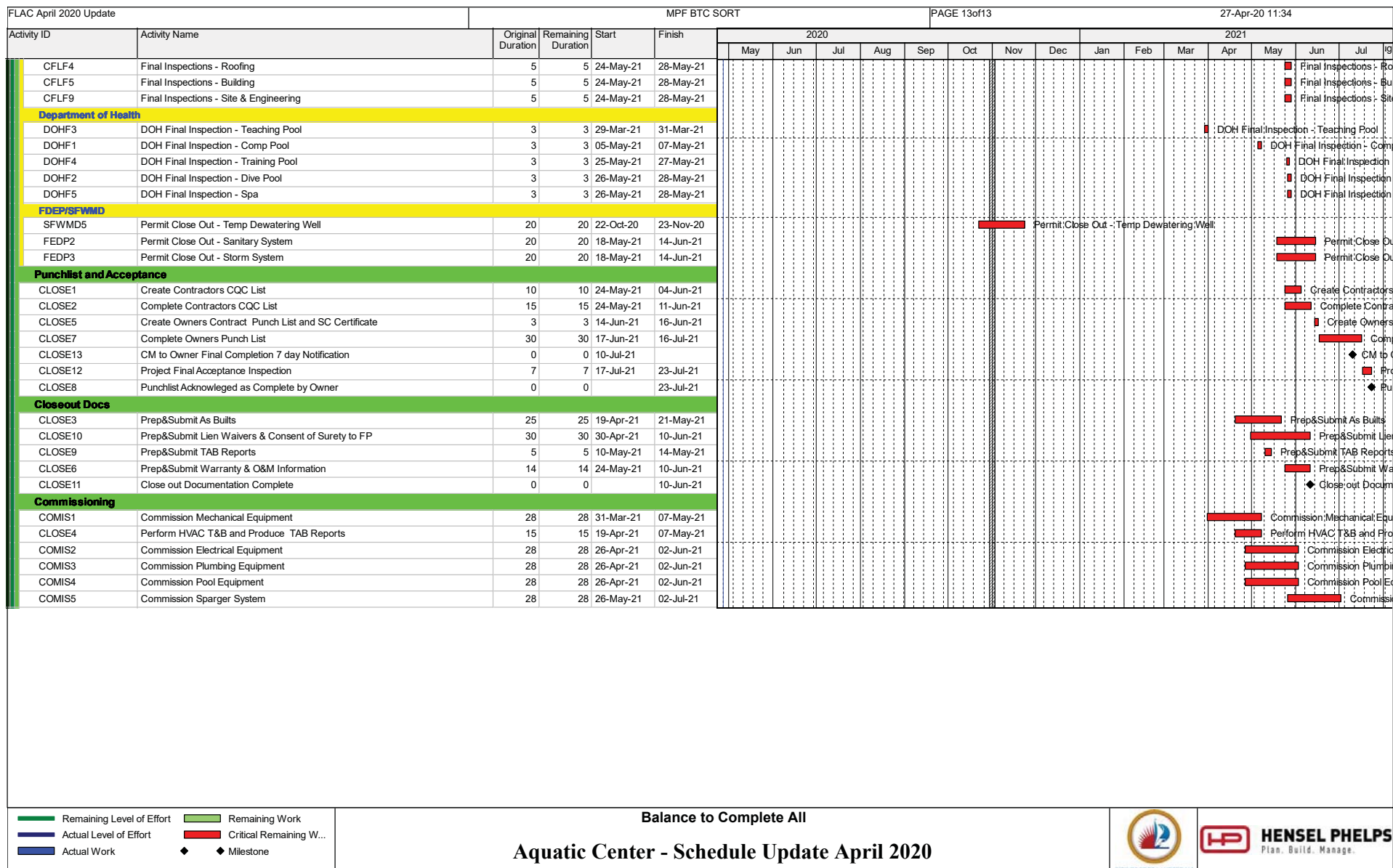


CAM #20-0487
Exhibit 2
Page 32 of 119

CAM #20-0487
Exhibit 2
Page 33 of 119

Aquatic Center - Schedule Update April 2020







Change Order Request

Ft Lauderdale Aquatic Center Renovation
501 Seabreeze Blvd, Ft. Lauderdale, FL 33316

Project # 19-021

The Redland Company

Change Order Request: 011

Date:

To: Greg Jennings
Hensel Phelps Construction Company
6280 Hazeltine National Drive
Orlando, FL

From: Alex Ramirez
The Redland Company
48 NE 15th Street
Homestead, FL 33030

Description North Building B and 27M Tower Plan Change (Rev 7)

Qty: 1.00 @ \$53,577.82 Unit Price

Total Lump Sum: \$53,577.82

Scope:

NOTES:

1. No additional permit or submittal items are included.
2. No work shall proceed until this RFCO is approved in writing.
3. Payment is to be by Lump Sum (percent complete) and shall be placed as a billable change order on the current billing documents.
4. A contract time extension in the amount of 0 days is required for this work to be performed once a signed change order is received.
5. This RFCO is only valid if the work included herein is completed simultaneously with the corresponding similar work throughout the remainder of the project and prior to construction of subsequent activities.
6. This RFCO does not include any related delays to other activities as a result of this added/unforeseen work.
7. All work is based on normal working days and hours (M-F, 7am-3:30pm) and does not include any overtime, night work, weekend, or holiday work.
8. All previous contract provisions shall remain in full effect except as specifically modified herein.
9. Does not include industry related price increases (metals, plastic, PVC, concrete, trucking, fill, aggregates, petroleum)

APPROVED BY: _____ **DATE:** _____

APPROVED IN THE AMOUNT OF: _____

CHANGE ORDER NO. _____ **TO BE ISSUED BY:** ☐ (OWNER) ☐ (CONTRACTOR)

CC: TRC distribution

The Redland Company, INC.

Main, Office, & Mailing: 48 NE 15 Street, Homestead, FL 33030 T:305.247.3226, F:305.247.1756

www.redlandcompany.com

Miami-Dade License E952001: Broward #82-764-X: Monroe #ENG 1191A: FL CUC 1224924

Detailed change order request grouped by each number.

Prolog Manager

Printed on: 3/13/2020

RedlandCompany

CAM #20-0487

Exhibit 2

Page 36 of 119

FLAC Plan Revisions

Quantities

Unit Cost & Breakout

Total

Drainage

Solid Drainage Pipe at Pool Deck (12")	-15 lf		\$88.74	-\$1,331.10
Labor/Equipment	0.1 hrs	\$510.00 crew/hr	\$70.42	
Materials	1 ea		\$13.17	
Bedding	1 ea		\$5.15	
French Drain Pool Deck (12")	21 lf		\$120.71	\$2,534.99
Labor/Equipment	0.2 hrs	\$510.00 crew/hr	\$78.26	
Materials	1 lf		\$15.94	
Bedding	1 lf		\$26.51	
RWL Solid Pipe	32 lf		\$57.76	\$1,848.32
Labor/Equipment	0.1 hrs	\$510.00 crew/hr	\$45.16	
Materials	1 lf		\$8.10	
Bedding	1 lf		\$4.50	
RWL Clean Outs	1 ea		\$1,602.69	\$1,602.69
Labor/Equipment	2.0 hrs	\$510.00 crew/hr	\$1,008.73	
Materials	1 ls		\$588.60	
Bedding	1 ls		\$5.36	
				\$4,654.90

Water

PVC Pipe (10")	20 lf		\$172.92	\$3,458.40
Labor/Equipment	0.3 hrs	\$510.00 crew/hr	\$150.18	
Materials	1 ls		\$19.23	
Bedding	1 ls		\$3.51	
PVC Pipe (4")	32 lf		\$80.32	\$2,570.28
Labor/Equipment	0.1 hrs	\$510.00 crew/hr	\$63.09	
Materials	1 ls		\$13.72	
Bedding	1 ls		\$3.51	
PVC Pipe (3")	75 lf		\$20.70	\$1,552.50
Labor/Equipment	0.03 hrs	\$510.00 crew/hr	\$13.70	
Materials	1 ea		\$4.75	
Bedding	1 ls		\$2.25	
Demo Existing Water	1 ls		\$3,810.00	\$3,810.00
Labor/Equipment	6.00 hrs	\$510.00 crew/hr	\$3,060.00	
Misc Materials	1 ea		\$250.00	
Haul Off	2 ea		\$500.00	
	1 ea		\$2,525.81	\$2,525.81
Labor/Equipment	1.49 hrs	\$510.00 crew/hr	\$760.31	
Materials	1 ea		\$1,765.50	
12 Tap to Existing	1 ea		\$14,199.27	\$14,199.27
Labor/Equipment	11.5 hrs	\$510.00 crew/hr	\$5,872.98	
Materials	1 ea		\$7,476.29	
Bedding	1 ea		\$850.00	

FLAC Plan Revisions

	Quantities	Unit Cost & Breakout	Total
8" to 10" Reducer	1 ea	\$1,200.00	\$1,200.00
Labor/Equipment	0.7 hrs	\$510.00 crew/hr	\$343.25
Materials	1 ea	\$856.75	
			\$22,980.45

Sewer

Add Sewer Laterals	32 lf	\$55.40	\$1,772.80
Labor/Equipment	0.1 hrs	\$510.00 crew/hr	\$41.80
Materials	1 ea	\$8.60	
Bedding	1 ea	\$5.00	
Add Clean Outs for Sewer Laterals	1 ea	\$1,622.69	\$1,622.69
Labor/Equipment	2.0 hrs	\$510.00 crew/hr	\$1,008.73
Materials	1 ea	\$608.60	
Bedding	1 ea	\$5.36	
			\$3,395.49

Asphalt Restoration

MOT	1 LS	\$1,500.00	-\$500.00 \$1,500
Subbase	56 sy	\$19.68	\$1,101.93
Labor/Equipment	0.03 hrs	\$445.00 crew/hr	\$11.18
Materials	1 ls	\$8.50	
Limerock	56 sy	\$27.13	\$1,519.22
Labor/Equipment	0.04 hrs	\$445.00 crew/hr	\$18.63
Materials	1 sy	\$8.50	
Asphalt	81 sy	\$162.00	\$13,122.00
Paving Subcontractor		\$162.00	
Markings	1 ls	\$970.00	\$970.00
Striping Subcontractor		\$970.00	

3rd Tier
Sub

3rd Tier
Sub

Sidewalk

Grading	117 sf	\$13.20	\$1,544.76
Labor/Equipment	0.01 hrs	\$445.00 crew/hr	\$4.70
Materials	1 sf	\$8.50	
Sidewalk	117 sf	\$4.50	\$526.50
Concrete Subcontractor		\$4.50	

3rd Tier
Sub

	27m	BLDG B	Subtotal		-\$19,284.41 20,284.41
Drainage	\$ 1,203.89	\$ 3,451.01	\$ 4,654.90		
Sewer	\$ -	\$ 3,395.49	\$ 3,395.49		
Water	\$11,490.23	\$11,490.23	\$ 22,980.45	prime subtotal:	-\$35,196.75 36,696.75
Asphalt Restoration (Prime)	\$ 2,832.96	\$ 2,832.96	\$ 5,665.91	subcontractor subtotal:	\$13,648.50 14,618.50
Asphalt Restoration (3rd Tier)	\$ 7,309.25	\$ 7,309.25	\$ 14,618.50	prime Markup (10%):	-\$3,519.67 \$ 3,669.68
Subtotal	\$22,836.32	\$28,478.93	\$ 51,315.25	subcontractor markup (5%):	-\$682.43 \$ 730.93
Subtotal prime	\$15,527.07	\$21,169.68	\$ 36,696.75	bond (1%):	-\$530.47 \$ 1,070.31
Subtotal subcontractor	\$ 7,309.25	\$ 7,309.25	\$ 14,618.50	Total:	\$53,577.82 \$ 56,786.16
Subtotal	\$22,836.32	\$28,478.93	\$ 51,315.25		

Notes:

- No D Curb included in Hall of Fame Dr. Additional D Curb per unit rate.
- Estimate only represents items on this breakout sheet.
- Offsite Paving only includes one bikelane and one vehicle travel lane.
- of shaded area will be an extra.
- Revision 7 Dated 1/31/2020
- Redland is not responsible for any requirements (longshoremen fees, wages, ext.) that may arise from working off site and/or in t

	27m	BLDG B	Subtotal
Subtotal prime	\$15,527.07	\$21,169.68	\$ 36,696.75
Subtotal subcontractor	\$ 7,309.25	\$ 7,309.25	\$ 14,618.50
Subtotal	\$22,836.32	\$28,478.93	\$ 51,315.25
Markup Prime	\$ 1,552.71	\$ 2,116.97	\$ 3,669.68
Markup Subcontractor	\$ 365.46	\$ 365.46	\$ 730.93
Bond	\$ 475.91	\$ 594.40	\$ 1,070.31
Subtotal	\$25,230.40	\$31,555.76	\$ 56,786.16

CAM #20-0487

Exhibit 2

Page 38 of 119

GLASS FIBER REINFORCED CONCRETE PROPOSAL

TO: Alex de Armas
COMPANY: Hensel Phelps
DATE: 4/9/20
FROM: Kevin Miske
PROJECT: Fort Lauderdale Aquatic Center – Bldg B
PROPOSAL ID: 19242r1

This letter is to describe the scope of work that is incorporated into our pricing on the exterior Glass Fiber Reinforced Concrete (GFRC) and Erection. In accordance with the Cartaya & Associates plans dated 2/13/2020 Building Blocks, Inc. hereby proposes to design, engineer, fabricate, and install GFRC panels for the amount of:
\$290,700.00

Our proposal includes scope:

- 2,236 SF of GFRC
- 24 wall panels
- 440 LF of panel to panel perimeter joints

Our proposal includes scope breakdown:

- Front (North) Elevation – 1,213 SF
- Pool (South) Elevation – 886 SF
- West Elevation – 137 SF

Our Price Includes:

1. Our proposal includes shop drawings, design calculations signed and sealed by a Florida State registered structural engineer, fabrication, shipment, layout at site, unloading of materials, hoisting, rigging, panel installation
2. GFRC panels manufactured at our PCI Certificated plant at 1150 Joelson Road, Kissimmee FL 34744, PCI Certification per certificate 213692
3. Framed GFRC wall system with cold rolled G90 steel stud members as

- required by design, stud spacing as required to adequately support GFRC skin, all hot-rolled structural steel members (thickness greater than 3/16") utilized in our panel framing shall be supplied in a shop prime painted finish per PCI specifications
4. Hot dipped galvanized loose connection hardware between panels and structure, hardware of steel thickness greater than 3/16" shall be supplied in a shop prime painted finish
 5. Poured in place embeds to be set by shell contractor
 6. Single stage panel to panel caulking with DOW 790 standard color
 7. Color submittals to be 12" x 12" with final submittal provided as a 2'-0" x 3'-0" production piece
 8. After erection is complete, as-built changes are updated and submitted for record
 9. GFRC wall system to meet all local building codes to include wind pressure and seismic requirements
 10. Design to meet UL condition [CW-S-2066](#) for 2 hour fire rating
 11. For impact rated project panels to be designed per Building Blocks GFRC [NOA 19011002](#)
 12. Ship from our plant in Kissimmee, FL to the jobsite

Our Price Excludes:

1. Proposal excludes all applicable state and federal taxes. Owner is to provide properly executed Certificate of Capital Improvement ST-120.1 form for our records to verify sales tax exemption
2. Bond or bond premium
3. Union labor
4. Caulking and sealants other than those stated above
5. Field dimensioning, all panels to be produced per approved shop drawings
6. Attachment for or supply of firesafing at slab edge
7. Protection of finished work from damage or soiling by others
8. Finishes at backsides of panels
9. Furnishing or installation of structural items shown on the structural drawings
10. Integrity of the building structure to which our panels attach

11. Any demolition, drilling, coring, or cutting of concrete, or other non-GFRC items
12. Dust protection, safety nets, or covered walkways, street permits, or traffic control
13. Costs of mock-up testing, or any special outside testing. Building Blocks has a PCI approved quality control program and maintains a Quality System Manual that is available for review if needed

Our Estimate Assumes:

1. Color submittals to be 12" x 12" with final submittal provided as a 2'-0" x 3'-0" production piece
2. Our pricing excludes the use of form liners or chemical retarders in achieving the final GFRC panel finish, unless specially mentioned elsewhere in this proposal
3. 3/4" panel joints typical, per PCI Recommended Practice Manual MNL-128-93
4. Providing a single stud wall system, using all cold rolled G90 steel stud members as required by design. Stud spacing as required to adequately support GFRC skin. All hot-rolled structural steel members utilized in our panel framing shall be supplied in a shop prime painted finish
5. Normal quality control testing at our plant in accordance with Precast Concrete Institute requirements for PCI certified plants
6. We reserve the right to modify joint lines and panel design to allow for normal manufacturing and shipping of GFRC panels
7. General contractor to provide clear and reasonable access, and site conditions adequate for delivery trucks and trailers
8. Erection assumes a single crew with tower crane (including operator and insurance) provided by the General Contractor
9. The items noted in this letter will become a part of the subcontract.
10. Upon award of subcontract, we will furnish a production and installation schedule for the project based on critical path items to be released for material production
11. All off-site work will be covered by insurance with a \$10,000,000.00 excess/umbrella policy, any additional insured parties shall be identified

for our Certificate of Liability Insurance coverage

12. This proposal and pricing is subject to withdrawal if not awarded within thirty (30) days of proposal date, pricing based on 2020 labor and material rates.

Alternates to Proposal:

1. To provide technical design assist services to the design team to bring the construction documents to 100% - ADD \$25,000.00
2. To provide stainless steel frame and connections per AISI Type 302/304 in lieu of galvanized steel – ADD \$87,000.00

Acceptance of Proposal:

Building Blocks Inc.

Owner/Contractor

By: _____

By: _____

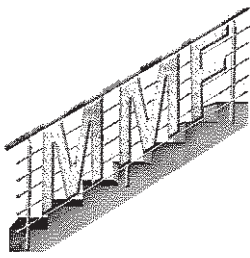
Date: _____

Date: _____

Submitted by,



Kevin Miske
Chief Executive Officer
Building Blocks, Inc.



Misc. Metal Fabrication, L.L.C.
3001 – A S.W. 15th Street
Deerfield Beach, FL. 33442
754-264-1026
754-264-1029 Fax.

March 12, 2020

To: **Hensel Phelps**
Attn: Jose Ortiz
Phone: 407-856-2400 x 2806
Email: jortiz@henselphelps.com

Ref: CO-007-02-20
Job: **Ft Lauderdale Aquatic Center Renovation**

Drawings: A01 thru A20, S-01 thru S-60 (Dated 02/13/2020)

CHANGE ORDER # 2

FURNISH AND INSTALL:

1. **(128' LF)** Approx. Aluminum Wall Rail. Anodized. **At Stairs #1 & #2, Bldg. B.** Ref: A01, A02, A03, 1/A10.1
2. Hoist Beam, Pit Ladder and Sum Pit Cover w/ Angles Support. **At Elevator, Bldg. B.** Ref: 3/A10
3. Aluminum Roof Access Ladder, 10' (H) Approx. Mill Finish. **Final Paint by Others. At Bldg. B.** Ref: A02.1, 3/A10, 1/A10.1
4. **(93' LF)** Approx. Aluminum Grab Rail at Stairs Guardrail. Anodized. **At Diving Tower.** Ref: A04.0, 3/A04.5
5. **(2 ea.)** Full Swing Gates 42" (H). Aluminum with Vertical Pickets. Anodized. **At Platforms Access 1 and 3.** Ref: A04.0, A04.2, A04.3
6. Lockable Sliding Aluminum Gate with Vertical Pickets W=4'-0", H=7'-0". Anodized. **At Diving Tower Access.** Ref: A04.0, A04.3
7. Lockable Sliding Aluminum Gate with Vertical Pickets W=8'-7", H=7'-0". Anodized. **At Diving Tower Access.** Ref: A04.1, A04.4
8. **(170' LF)** Approx. Aluminum Wall Rail at Stairs. Anodized. **At Diving Tower.** Ref: A04.0, A04.1, A04.5

FENCE MASTERS, INC.

3550 N. W. 54TH STREET
MIAMI, FLORIDA 33142

DADE: (305)635-7777 * BROWARD (954)463-3172 * FAX: (305)635-7887

Date:	9/10/2019	Name:	Jose Ortiz
Company:	Hensel Phelps	Email:	jortiz@henselphelps.com
Address:	888 SE 3 Ave, Suite 200	Job Name:	Ft Laud Auatic Center – Revision 7 changes
City:	Fort Lauderdale, FL 33316	Job Address:	
Phone:	(407) 968-8337, Mobile:		

We propose, subject to acceptance by Fence Masters, Inc., (seller) to perform work in accordance with quantities and sizes listed below. Before erection is begun, purchaser is to establish property line stakes and grade stakes and to remove all obstructions that may interfere with erection. Purchaser is responsible for location of any underground lines. Fence Masters, Inc. is not responsible for any damage to unmarked lines. After the contract is executed and received by Fence Masters, Inc., notice to proceed is to be provided by purchaser at least 14 days prior to date of commencement of the work.

CHANGES TO PRICE PER REVISION 7

- | | | | |
|--|-----|------------|-------------|
| 1. Replace 6' section of picket fence with powder coated picket double gates | ADD | \$3,135.00 | ← BLDG B |
| 2. Replace 8' chain link gates with 10' v-track gate at pool area | ADD | \$3,340.00 | |
| 3. Add 2 anodized slide gates at dive tower, 2 smaller swing gates at ground level | ADD | \$9,620.00 | ← 27m Tower |

TOTAL ADD TO CONTRACT

\$16,095.00

Panic hardware and closers are included on entry/exit picket gates, as well as a center mulion. Gates are designed to swing out only. If architect wants 180 degree swinging gates, he will have to supply more details as to how this will be achieved.

Pool picket gates are the only gates to be manufactured with annodized aluminum. All other gates to be powder coated over mill finish.

Temporary fence is not included in this proposal.

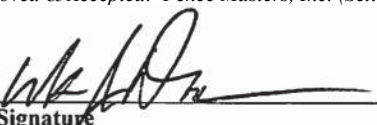
Water cut special design gates are not included in this proposal.

Subject to credit approval by Fence Masters, Inc. Terms are net on billing. Interest of 1 ½ % per month will be charged on accounts past due. Title to the property as addressed by this proposal shall remain in the seller, Fence Masters, Inc. until payment in full is received, pursuant to the terms hereof. This is a retain title contract.

In the event the money due hereunder, or any portion thereof, has to be collected on demand of an attorney or by suit, the purchaser agrees to pay all costs of collection including interest at the highest legal rate and reasonable attorney's fees.

Approved & Accepted: Fence Masters, Inc. (Seller)

Approved & Accepted by Purchaser: Hensel Phelps

By 
Signature
John Doerschuck, Project Manager

By _____
Signature
Jose Ortiz,



Date: March 31, 2020

Project Name: Ft Lauderdale Aquatic Center – REV 7

Attention: Hensel Phelps

We are pleased to present the following proposal for your review.

CHANGE ORDER - REV 7

Scope of Work:

Contract Scope: Building B Only

- 1) Install min R-22 insulation as a base layer to the concrete deck with adhesive.
- 2) Install ¼ inch per foot tapered crickets in adhesive.
- 3) Install 060 GAF TPO fully adhered per code and uplift requirements.

Addition of Pedestal Pavers Over TPO (Addition of a protection layer- 80mil TPO at each pedestal heat welded)

<u>Materials</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Ext. Price</u>
80mil TPO 10x100	3	\$950.00	\$2,850.00
TPO Membrane Cleaner	3	\$80.00	\$240.00
TPO Bonding Adhesive	2	\$116.00	\$232.00
Rags	3	\$23.00	\$69.00
		<u>Tax</u>	<u>\$237.37</u>
		<u>Total</u>	<u>\$3,628.37</u>

<u>Labor</u>	<u>Hrs</u>	<u>Hrly Rate</u>	<u>Ext. Price</u>
Labor - Install 80 Pads - Heat Weld	128	\$45.00	\$5,760.00
Delivery/Load	8	\$45.00	\$360.00
		Total:	\$6,120.00

Sub-Contractor Pavers	1	\$61,429.00	\$61,429.00
Paver sub - Per Diem	1	\$3,000.00	\$3,000.00
Crane for hoisting Paver Material	1	\$1,500.00	\$1,500.00

1421 Oglethorpe West Palm Beach, Florida 33405
(p) 561.223.2096 (f) 561.444.2272

License # CCC1332069

Solutions Driven and Customer Focused

Cost	\$75,677.37
O.H.&P. 15%	\$11,351.61
Sales	\$87,028.98

ADD to Contract: \$87,028.00
Add for Payment and Performance Bond: ADD 2%

Clarification/Qualification - This paver system will not be able to support a bleacher system.

ACCEPTANCE OF CHANGE ORDER

The above prices, specifications and conditions are satisfactory and are hereby accepted. The signer authorizes Therma Seal Roof Systems, LLC to do the work as specified. Payment will be made as outlined above.

Date: _____ Signature: _____

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard roofing practices. Contractor retains the initial right to remedy any consequential damages at the sole discretion of the contractor and shall not be held liable for any damages occurring previous to the following performance of contracted work. Any alteration or deviation from the specifications involving extra costs will be executed only with written orders, and will become an extra charge over and above the estimate. All signed agreements are contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, flood and other necessary insurances as require by law. Time is of the essence concerning this valuable contract. This project may be stopped if progress payments are not made on time. If it becomes necessary for the contractor to expend legal fees to collect monies owed, these legal fees will be the responsibility of the property owner. The signer can be personally liable for 2% interest per month after 10 days. All warranties to be issued upon completion of contract and all monies paid in full.

HP BUDGET BREAKOUT

Building B - Rev #7 Roofing					
Thermaseal - Rev #7 proposal	1	\$SUB	87,028.98		87,029
Thermaseal - Rev #7 proposal - lightweight	1	\$SUB	5,167.12		5,167
Subcontractor Bond	2%	\$SUB	92,196.10		1,844
Temporary Protection - Material - Roof Pavers, 2nd FL & Stairs	1,379	SQ.FT.	1.75		2,413
Temporary Protection - Labor - Roof Pavers, 2nd FL & Stairs	344	HRS	40.39		13,892
Contruction Cleaning and Safety - Roof Deck - Rev #7	258	HRS	28.51		7,356
Final Cleaning - Roof Pavers & Glazing	3,810	SQ.FT.	1.50		5,715
Subtotal Building B - Roofing - Budget breakout					\$123,416

1421 Oglethorpe West Palm Beach, Florida 33405
(p) 561.223.2096 (f) 561.444.2272
 License # CCC1332069
Solutions Driven and Customer Focused



Date: April 1, 2020

Project Name: Ft Lauderdale Aquatic Center

Attention: Hensel Phelps

We are pleased to present the following proposal for your review.

CHANGE ORDER

Scope of Work:

Contract Scope: Building B Only

- 1) Install min R-22 insulation as a base layer to the concrete deck with adhesive.
- 2) Install ¼ inch per foot tapered crickets in adhesive.

Revised Scope of Min. R-22 LWIC in lieu of ISO and Tapered

Alternate for LWIC in lieu of ISO building B

<u>Materials</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Ext. Price</u>
2 layers - 2.0" Iso	71	\$65.00	\$4,615.00
Olybond 500 Canisters ribbons 12" O.C.	3	\$830.00	\$2,490.00
tapered (Crickets)	10	\$135.00	\$1,350.00
		<u>Tax</u>	<u>\$591.85</u>
		<u>Total</u>	<u>\$9,046.85</u>

<u>Labor</u>	<u>Hrs</u>	<u>Hrly Rate</u>	<u>Ext. Price</u>
Labor Tapered	16	\$45.00	\$720.00
Labor Rigid ISO	64	\$45.00	\$2,880.00
Delivery/Load	8	\$45.00	\$360.00
		Total:	\$3,960.00

Credit for ISO and Tapered ISO installation: \$13,006.85

Sub-Contractor LWIC 1 \$17,500.00 \$17,500.00

1421 Oglethorpe West Palm Beach, Florida 33405
(p) 561.223.2096 (f) 561.444.2272

License # CCC1332069

Solutions Driven and Customer Focused

ADD for LWIC installation: \$17,500.00

<u>Cost</u>	
<u>Difference</u>	\$4,493.15
O.H.&P. 15%	<u>\$673.97</u>
Sales	\$5,167.12

ADD to Contract: \$5,167.12

Add for Payment and Performance Bond: ADD 2%

Clarification/Qualification - A paver system will not be able to support a bleacher system.

ACCEPTANCE OF CHANGE ORDER

The above prices, specifications and conditions are satisfactory and are hereby accepted. The signer authorizes Therma Seal Roof Systems, LLC to do the work as specified. Payment will be made as outlined above.

Date: _____

Signature: _____

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard roofing practices. Contractor retains the initial right to remedy any consequential damages at the sole discretion of the contractor and shall not be held liable for any damages occurring previous to the following performance of contracted work. Any alteration or deviation from the specifications involving extra costs will be executed only with written orders, and will become an extra charge over and above the estimate. All signed agreements are contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, flood and other necessary insurances as require by law. Time is of the essence concerning this valuable contract. This project may be stopped if progress payments are not made on time. If it becomes necessary for the contractor to expend legal fees to collect monies owed, these legal fees will be the responsibility of the property owner. The signer can be personally liable for 2% interest per month after 10 days. All warranties to be issued upon completion of contract and all monies paid in full.

1421 Oglethorpe West Palm Beach, Florida 33405
(p) 561.223.2096 (f) 561.444.2272

License # CCC1332069

Solutions Driven and Customer Focused

To: Mike Fuggetta

Company: **Therma Seal Roof Systems LLC.**
1421 Oglethorpe Rd.
West Palm Beach, Florida 33405
Phone #: **561-223-2096**
Fax #: **0**



NOCELLA CONTRACTING

General Project Information:

Job Name: **Ft Lauderdale Aquatics**
Location: **2875 NE 191st St**
Aventura, FL 33180

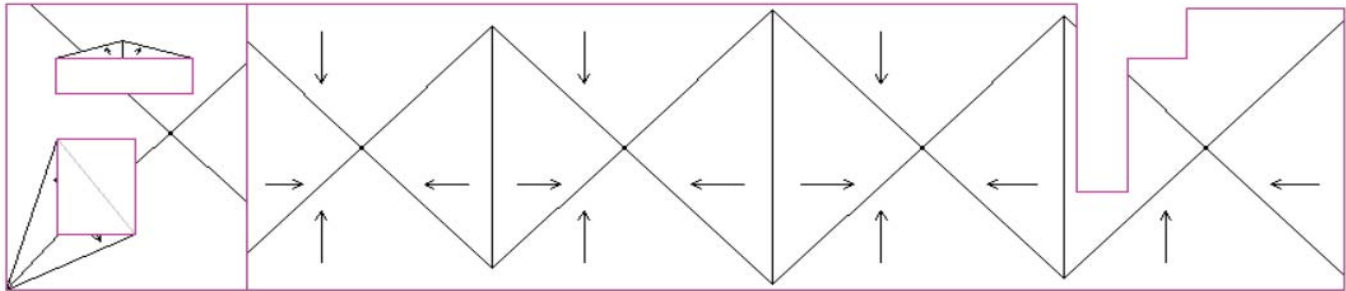
Date Quoted: **1/13/2020**

BID: Furnish and Install Lightweight Insulating Concrete and Expanded Polystyrene Board.

Type of Lightweight Concrete:	Concrecel Cellular	Minimum Density:	300 psi
Roof Area (sqft):	3,418	Min. R-Value:	22
Slope:	1/4" per foot w/ LWIC over structural concrete	Avg. R-Value:	9
Thickness at Drain/Scupper:	7.25"	EPS Thickness at Drain/Scupper:	5"

NOTES:

Crane for Loading Material Not Included



Accepted:

Price: \$17,500.00

IMAGE SHOWN ABOVE REFLECTS THE DESIGN INTENT OF NOCELLA CONTRACTING.
ALL SUBMITTALS ARE SUBJECT TO ARCHITECT/CONTRACTOR APPROVALS.

Nocella Contracting, LLC ~ 3 Chapel Cir, Tequesta, FL 33469 ~ 954-325-791
License No. CGC-1522397 & CCC-1330488

Fax To: **Mike Fuggetta**
Company: **Therma Seal Roof Systems LLC.**
1421 Oglethorpe Rd.
West Palm Beach, Florida 33405
Phone #: **561-223-2096**
Fax #: **0**



NOCELLA
CONTRACTING

General Project Information:

Job Name: **Ft Lauderdale Aquatics**
Location: **2875 NE 191st St**
Aventura, FL 33180

Date Quoted: **1/13/2020**

NOTES:

1. **One (1) mobilization included. Additional mobilizations costs to be determined as necessary.**
-Please provide a minimum of **3 weeks** lead time in writing for scheduling. Changes or missed projected start dates may result in production delays as well additional fees could be associated.
2. Design submittal must be returned approved to Nocella Contracting prior to scheduling/delivering material. Changes to the approved system design may result in additional costs.
3. G.C./Owner is to supply a 1-1/2" Water Line (At City Pressure) or a Water Hydrant Meter.
4. G.C. is to provide an adequate set-up area for LWIC equipment and vehicles.
5. **If lightweight is to be poured over any metal deck, Nocella Contracting is not responsible for floors, duct work, doorway frames, glass, aluminum or metal window frames and any supplies stored in the building.**
These items are to be covered for protection by the G.C. or other trade.
6. Nocella Contracting recommends the lightweight be covered within 6 to 7 days max.
7. When installing a lightweight concrete system on any reroofing project, the **"Temporary" must be "WATERTIGHT"**.
8. Nocella Contracting will not be held responsible for any water intrusion.
9. Nocella Contracting will not be responsible for ponding water in areas of deck deflection or 1/8" per foot slope systems.
10. Nocella Contracting will not be responsible for water drippage from the metal deck system resulting from condensation or any mechanical imbalance from the air conditioning system after the installation of the lightweight concrete. It is the responsibility of the owner or owners agent to verify design and dew point location prior to the installation of the lightweight concrete.
11. Nocella Contracting must be notified prior to commencement of any special project programs and/or requirements, including but not limited to: LEED ratings, Owner Insured, Direct Owner Purchase, admittance badging background checks, safety training, etc.
12. In the event of default, the buyer agrees to pay all costs of collection, including, but not limited to, court costs, filing and reasonable attorney's fees.
13. If the Owner/Contractor issues their own contract, this proposal will become part of the binding contract agreement in its entirety.

It is the sole discretion of Nocella Contracting if weather forecasts predict a rain chance greater than 30% or the temperature to be below 40 degrees to determine production schedules.

STANDARD EXCLUSIONS: (NOT INCLUDED IN THE QUOTED PRICE, UNLESS SPECIFIED OTHERWISE)
Engineering Calculations or testing, special inspectors, bonds, permits, and warranty fees. Wood nailers, expansion joints, joint filler, control joints, hanger clips, closure strip (steel or rubber), **sump interiors**, sump pans, metal supports, steel angles, reinforcements at any openings, wire mesh, or metal decking.

Dustin Nocella- President

Accepted:

Price: \$17,500.00 *

Subject To Revision After 30 Days

Proposal Date

Nocella Contracting, LLC ~ 3 Chapel Cir, Tequesta, FL 33469 ~ 954-325-7931
License No. CGC-1522397 & CCC-1330488

ERA WINDOWS & DOORS
Change Order Request Log

CUSTOMER INFORMATION

Hensel Phelps
501 Seabreeze Blvd
Ft. Lauderdale, FL 33316

PROJECT: 19-AA8480

Florida Acuatic Center
501 Seabreeze Blvd
Ft. Lauderdale, FL 33316

DATE: 16-Mar-20

Net change by Change Orders

\$ 33,000.00
\$ 7,701.86
\$ 40,701.86

ID	Priority	Change Description	Requester	Date Raised	Decision	Amount	Comments	Approved by	Date
CO001	High	Building B Additional Doors - Materials & Delivery (Including Sales Tax)	Hensel Phelps	Jan-31-20	Pending	\$ 7,701.86	Decision needs to be taken prior placing the order.		
CO001-1		1A- Corridor B101A Interior Hollow Metal Door Out-Swing Left 36x80				\$ 1,500.14			
CO001-2		4 - Corridor B101A Exterior Hollow Metal Door Out Swing Left - Includes Panic Device (as per Door Schedule Hardware Group # 9) 36x80				\$ 1,786.90			
CO001-3		6 - Family Restroom B104 Exterior Hollow Metal Door Out Swing Right - Includes Panic Device (as per Door Schedule Hardware Group # 9) 36x80				\$ 1,427.38			
CO001-4		9B- IT Closet B108 Interior Hollow Metal Door In-Swing Left 36x80				\$ 1,493.72			
CO001-5		9C - Roof Access Ladder B201 Interior Hollow Metal Door Out Swing Right				\$ 1,493.72			

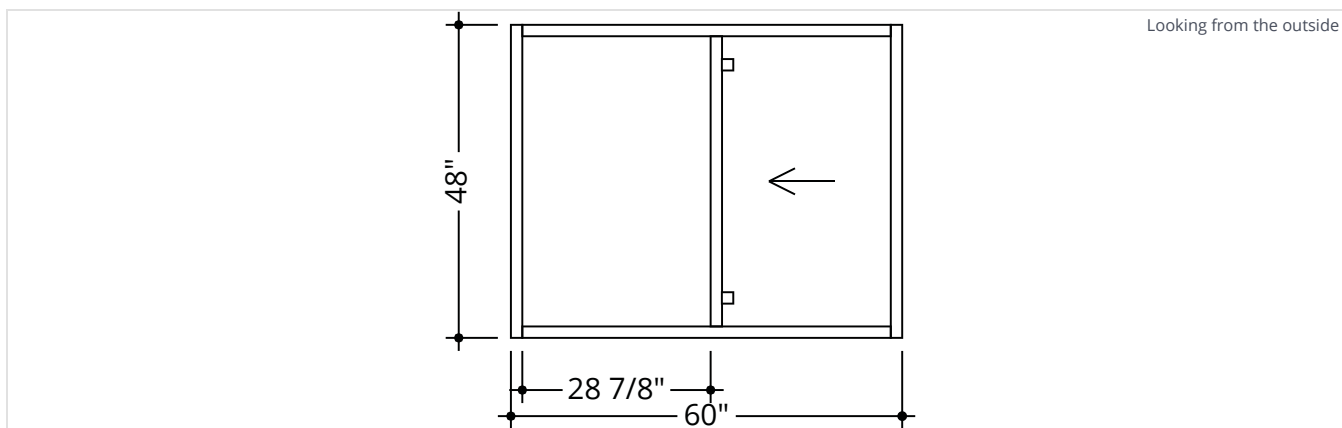


8120 NW 84th St Miami, FL 33166
 Phone: 305-470-8284
 Fax: 305-470-8285
 Email: info@mrgwindows.com

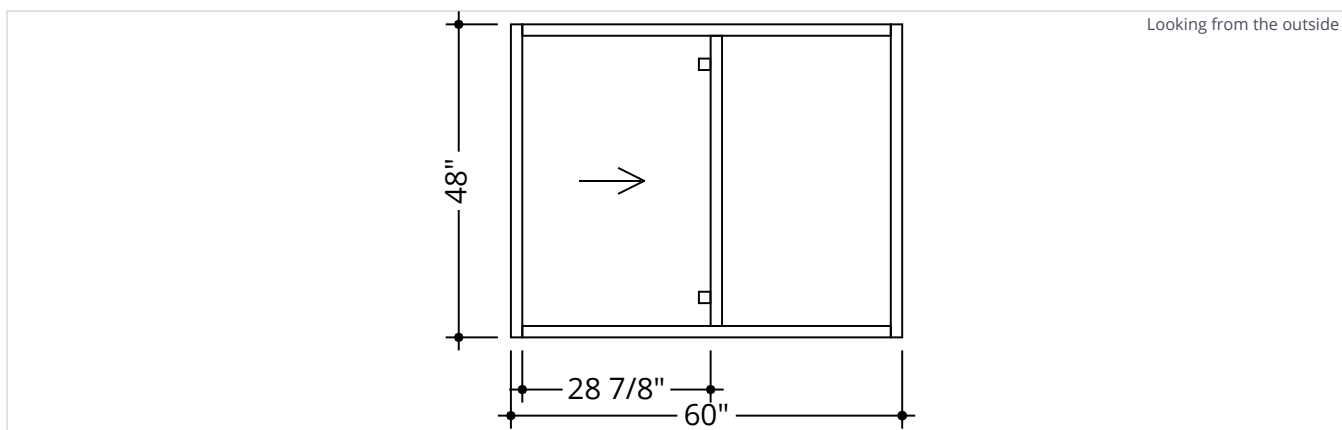
Quote #	93797
----------------	--------------

Prepared by:	Mr Glass Doors & Windows, Inc	Client Name:	Hensel Phelps Construction
Job Name:	Fort Lauderdale Aquatic Center	Client Address:	888 SE 3rd Ave Suite 200 Ft Lauderdale FL 33316
Rep:	AD		

Mark	Qty	Product	Width	Height	Config.	Frame	Screen	90 Days Bluemax	Pressure
A	1	MG-300 LMI	60.0"	48.0"	OX	Duranar Arcadia Silver	No	No	+80/ -80
Glass		3/16 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 3/16 CLEAR HS							



Mark	Qty	Product	Width	Height	Config.	Frame	Screen	90 Days Bluemax	Pressure
A2	1	MG-300 LMI	60.0"	48.0"	XO	Duranar Arcadia Silver	No	No	+80/ -80
Glass		3/16 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 3/16 CLEAR HS							



1/23/2020



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

93797

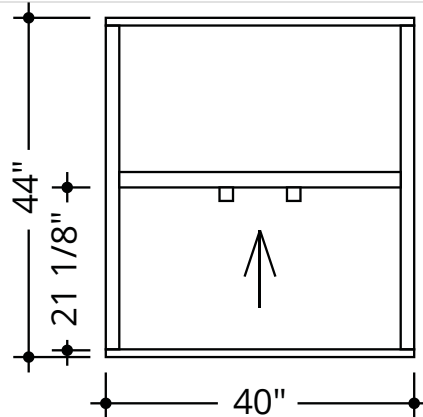
Prepared by: Mr Glass Doors & Windows, Inc

Job Name: Fort Lauderdale Aquatic Center

Rep: AD

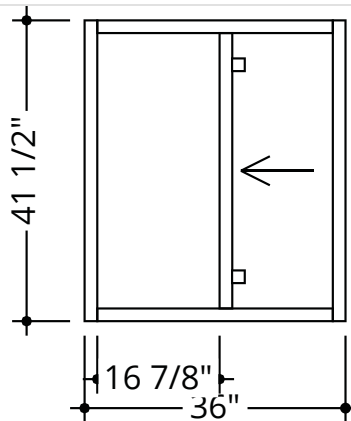
Client Name: Hensel Phelps Construction
888 SE 3rd Ave Suite
200 Ft Lauderdale FL
33316

Mark	Qty	Product	Width	Height	Config.	Frame	Screen	90 Days Bluemax	Pressure
B	1	MG-200 LMI	40.0"	44.0"	EQUAL	Duranar Arcadia Silver	Yes	No	+80/ -80
Glass		3/16 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 3/16 CLEAR HS							



Looking from the outside

Mark	Qty	Product	Width	Height	Config.	Frame	Screen	90 Days Bluemax	Pressure
C	1	MG-300 LMI	36.0"	41.5"	OX	Duranar Arcadia Silver	Yes	No	+80/ -80
Glass		3/16 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 3/16 CLEAR HS							



Looking from the outside



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

93797

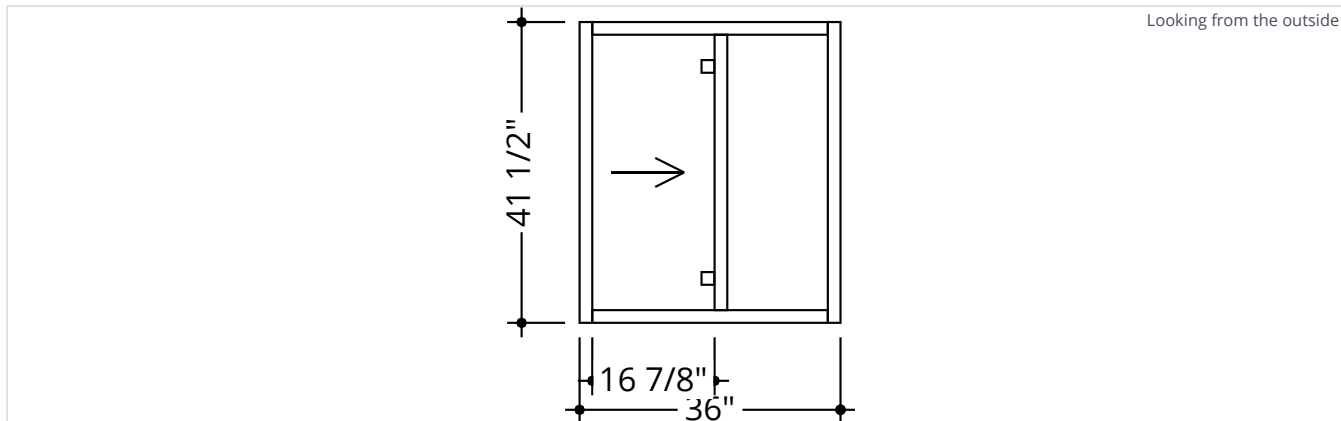
Prepared by: Mr Glass Doors & Windows, Inc

Job Name: Fort Lauderdale Aquatic Center

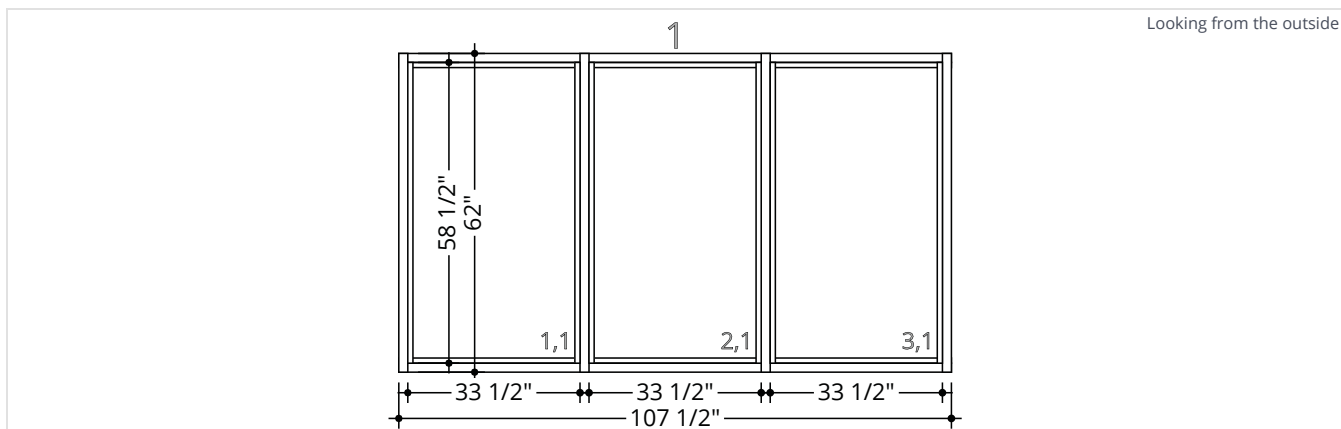
Rep: AD

Client Name: Hensel Phelps Construction
888 SE 3rd Ave Suite 200 Ft Lauderdale FL 33316

Mark	Qty	Product	Width	Height	Config.	Frame	Screen	90 Days Bluemax	Pressure
C2	1	MG-300 LMI	36.0"	41.5"	XO	Duranar Arcadia Silver	Yes	No	+80/ -80
Glass		3/16 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 3/16 CLEAR HS							



Mark	Qty	Product	Width	Height	Frame	90 Days Bluemax	Pressure
D	1	MG5000 / MG500 (LMI)	107.5"	62.0"	Duranar Arcadia Silver	No	+80/ -80
Glass		[1/4 SOLEX GREEN HS + 0.090 PVB + (SB70 FACE#3) 1/4 CLEAR HS]					



Hardware						
Lock	Hinges	Handle	Closer	Swing	Threshold	Power Supply
N/A	N/A	N/A	N/A	N/A	N/A	

1/23/2020



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

93797

Prepared by:

Mr Glass Doors
& Windows, Inc

Client Name:

Hensel Phelps
Construction

Job Name:

Fort Lauderdale
Aquatic Center

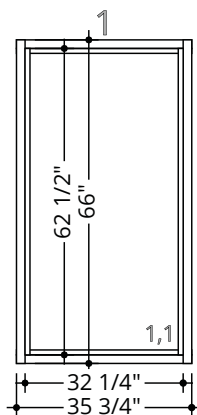
Client Address:

888 SE 3rd Ave Suite
200 Ft Lauderdale FL
33316

Rep:

AD

Mark	Qty	Product	Width	Height	Frame	90 Days Bluemax	Pressure
E	2	MG5000 / MG500 (LMI)	35.75"	66.0"	Duranar Arcadia Silver	No	+80/ -80
Glass	[1/4 SOLEX GREEN HS + 0.090 PVB + (SB70 FACE#3) 1/4 CLEAR HS]						



Looking from the outside

Hardware

Lock	Hinges	Handle	Closer	Swing	Threshold	Power Supply	Panic Accessory
N/A	N/A	N/A	N/A	N/A	N/A		



8120 NW 84th St Miami, FL 33166
Phone: 305-470-8284
Fax: 305-470-8285
Email: info@mrgwindows.com

Quote #

93797

**Prepared
by:**

Mr Glass Doors
& Windows, Inc

**Client
Name:**

Hensel Phelps
Construction
888 SE 3rd Ave Suite
200 Ft Lauderdale FL
33316

**Job
Name:**

Fort Lauderdale
Aquatic Center

**Client
Address:**

Rep:

AD

Tubes

Mark	Description	Length	Qty	Color
T-A	2" x 6" x 1/8"	44.0	1	Duranar Arcadia Silver
T-C	2" x 6" x 1/8"	44.0	1	Duranar Arcadia Silver
T-D	2" x 6" x 1/8"	62.0	1	Duranar Arcadia Silver
T-E	2" x 6" x 1/8"	62.0	2	Duranar Arcadia Silver



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

93797

Prepared by: Mr Glass Doors & Windows, Inc

Job Name: Fort Lauderdale Aquatic Center

Rep: AD

Client Name: Hensel Phelps Construction
888 SE 3rd Ave Suite
Client Address: 200 Ft Lauderdale FL 33316

Glasses

Mark	Width	Height	Composition	Qty
D-GLASS	28.125"	73.0625"	1/4 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 1/4 CLEAR HS [TECNOGLASS]	1
E-GLASS	27.4375"	72.0625"	1/4 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 1/4 CLEAR HS [TECNOGLASS]	2



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

93797

Prepared by: Mr Glass Doors & Windows, Inc

Job Name: Fort Lauderdale Aquatic Center

Rep: AD

Client Name: Hensel Phelps Construction
888 SE 3rd Ave Suite
Client Address: 200 Ft Lauderdale FL 33316

Miscellaneous

Mark	Description	Qty
WAGES	FEE	1
WOODBUCKS	FEE	1
D-FRAME	ENVIRALUM ENV-450 FRAME 3X7 HLSD WITH 4 1/2" X 4" BUTT HINGES W/NRP - 630 3 POINT LOCK MECHANISM KEY CYLINDER & THUMB TUEN - 628 1" DIA. TUBULAR OFFSET PULL HANDLE @ 10" CTC - 628 INCLUDES INSTALLATION 1" DIA. TUBULAR PUSH BAR - 628 WATER RESISTANT KIT PER LEAF (3) COMPONENTS & ADDT'L SEALANT	1
E-FRAME	ENVIRALUM ENV-450 FRAME 6X7 DOUBLE DOOR OUTSWING WITH 4 1/2" X 4" BUTT HINGES W/NRP - 630 3 POINT LOCK MECHANISM KEY CYLINDER & THUMB TUEN - 628 1" DIA. TUBULAR OFFSET PULL HANDLE @ 10" CTC - 628 1" DIA. TUBULAR PUSH BAR - 628 2-POINT LOCK MECHANISM INACTIVE WATER RESISTANT KIT PER LEAF (3) COMPONENTS & ADDT'L SEALANT WITH INSTALLATION	1

1/23/2020



8120 NW 84th St Miami, FL 33166
Phone: 305-470-8284
Fax: 305-470-8285
Email: info@mrgwindows.com

Quote #

93797

**Prepared
by:**

Mr Glass Doors
& Windows, Inc

**Client
Name:**

Hensel Phelps
Construction
888 SE 3rd Ave Suite

**Job
Name:**

Fort Lauderdale
Aquatic Center

**Client
Address:**

200 Ft Lauderdale FL
33316

Rep:

AD

Auto Installation

Mark	Description
INST	RETROFIT



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

93797

**Prepared
by:**

Mr Glass Doors
& Windows, Inc

**Client
Name:**

Hensel Phelps
Construction

**Job
Name:**

Fort Lauderdale
Aquatic Center

**Client
Address:**

888 SE 3rd Ave Suite
200 Ft Lauderdale FL
33316

Rep:

AD

Engineering

Mark	Description	Qty
ENG	SHOP DRAWINGS, ENGINEERING CALCULATIONS, PERMIT PROCESSING INCLUDED. CITY PERMIT FEES NOT INCLUDED.	1



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

93797

**Prepared
by:**

Mr Glass Doors
& Windows, Inc

**Client
Name:**

Hensel Phelps
Construction

**Job
Name:**

Fort Lauderdale
Aquatic Center

**Client
Address:**

888 SE 3rd Ave Suite
200 Ft Lauderdale FL
33316

Rep:

AD

Summary

System Summary	
Total Products	5
Horizontal Roller (MG-300)	4
Single Hung (MG-200)	1
Storefront Window (MG-5000)	3
Tube	5
Break Metal	0
Glasses	3

Sell Summary	
Total:	\$24,900.81

Sqft Summary	
Single Hung (MG-200)	12.22 sqft
Horizontal Roller (MG-300)	60.75 sqft
Storefront(MG-500/MG5000)	79.06 sqft
Total Sqft	152.03 sqft

Notes:

**** TERMS ****

-ALL MATERIALS & INSTALLATION INCLUDED

-FLUSH METAL DOORS, LOUVER DOORS, EXHAUST LOUVERS, ALUMINUM FENCE, ALUMINUM CANOPY, ALUMINUM RAILINGS WITH SCREENS AND STAINLESS STEEL WINDOWS BY OTHERS

-DAILY HOUSEKEEPING FEES OF \$150 NOT INCLUDED

-BEAUTY BEAD BY OTHERS

-WINDOW AND DOOR TREATMENT NOT INCLUDED

-STEEL BY OTHERS

-EXTERIOR CAULKING ONLY

-BOND FEE NOT INCLUDED RATE IS: 1.5%

-JESSICA LUNSFORD BADGE FEE NOT INCLUDED

-LEAD TIME 5-6 WEEKS FROM APPROVED DOC. & RECEIPT OF ORDER

Notes:

We are upgrading the software, please go to the NOA to check compliance

All rates apply, only line items mentioned are included. Customer agrees to pay all cost/expenses incurred collecting any amount due, including attorney's fees and associated expenses. A \$25 charge is added to checks returned and 1.5% monthly interest fee for past due balance. Quote valid for 30 days.

THIS QUOTE IS SUBJECT TO FIELD VERIFICATION.

Accepted By: _____

Accepted Date: _____

1/23/2020



8120 NW 84th St Miami, FL 33166
 Phone: 305-470-8284
 Fax: 305-470-8285
 Email: info@mrgwindows.com

Quote #

96826

Prepared by: Mr Glass Doors & Windows, Inc

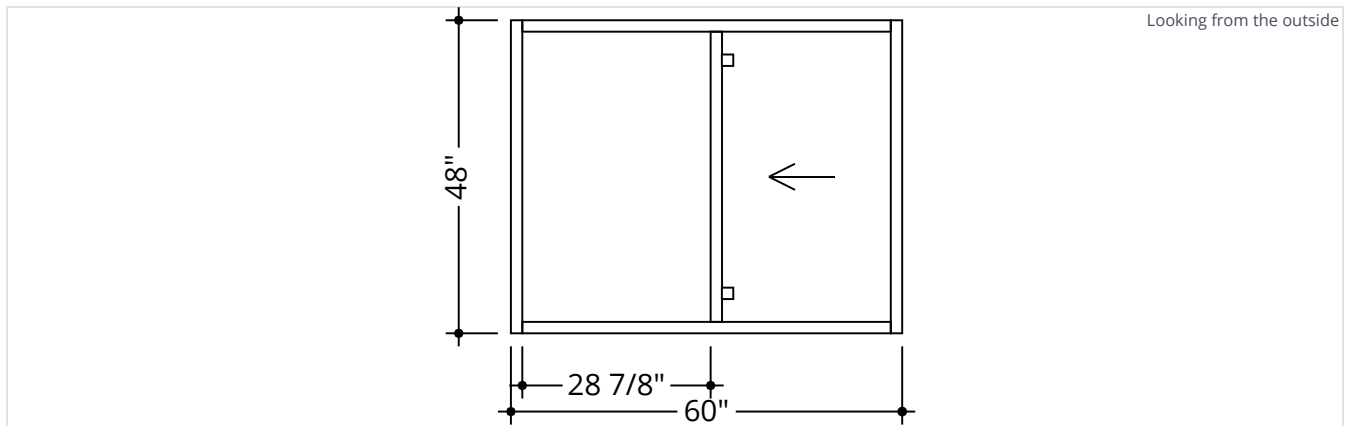
Client Name: Hensel Phelps Construction

Job Name: Fort Lauderdale Aquatic Center - Redesign V3

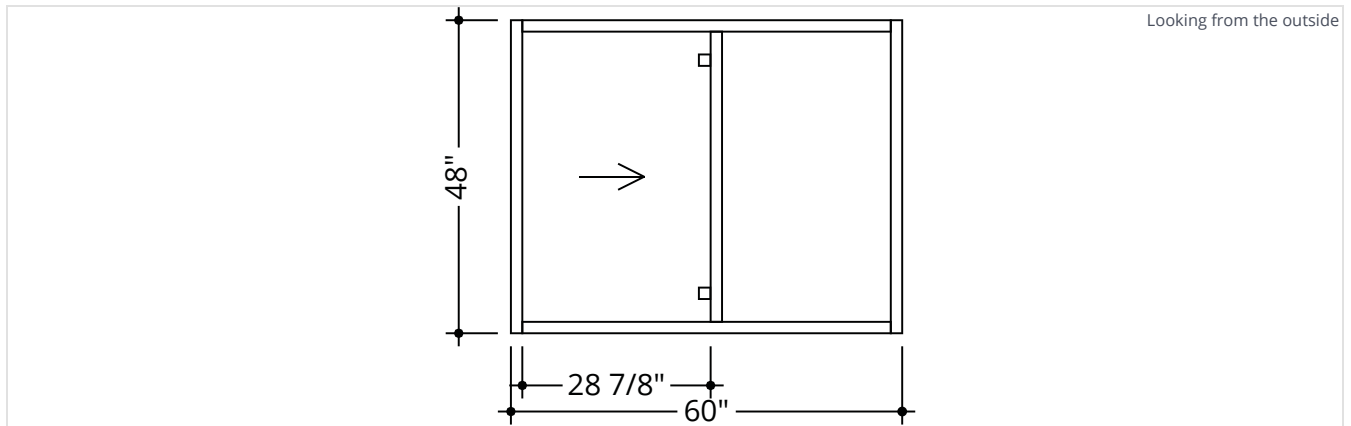
Client Address: 888 SE 3rd Ave Suite 200 Ft Lauderdale FL 33316

Rep: AD

Mark	Qty	Product	Width	Height	Config.	Frame	Screen	90 Days Bluemax	Pressure
A	1	MG-300 LMI	60.0"	48.0"	OX	Duranar Arcadia Silver	No	No	+80/ -80
Glass	3/16 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 3/16 CLEAR HS								



Mark	Qty	Product	Width	Height	Config.	Frame	Screen	90 Days Bluemax	Pressure
A2	1	MG-300 LMI	60.0"	48.0"	XO	Duranar Arcadia Silver	No	No	+80/ -80
Glass	3/16 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 3/16 CLEAR HS								



2/11/2020



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

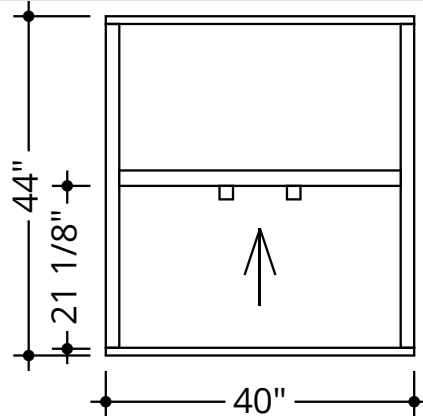
Quote #

96826

Prepared by: Mr Glass Doors & Windows, Inc
Fort Lauderdale
Job Name: Aquatic Center - Redesign V3
Rep: AD

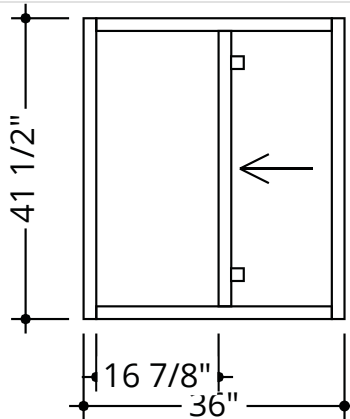
Client Name: Hensel Phelps Construction
888 SE 3rd Ave Suite 200 Ft Lauderdale
FL 33316

Mark	Qty	Product	Width	Height	Config.	Frame	Screen	90 Days Bluemax	Pressure
B	2	MG-200 LMI	40.0"	44.0"	EQUAL	Duranar Arcadia Silver	Yes	No	+80/ -80
Glass		3/16 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 3/16 CLEAR HS							



Looking from the outside

Mark	Qty	Product	Width	Height	Config.	Frame	Screen	90 Days Bluemax	Pressure
C	1	MG-300 LMI	36.0"	41.5"	OX	Duranar Arcadia Silver	Yes	No	+80/ -80
Glass		3/16 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 3/16 CLEAR HS							



Looking from the outside

2/11/2020



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

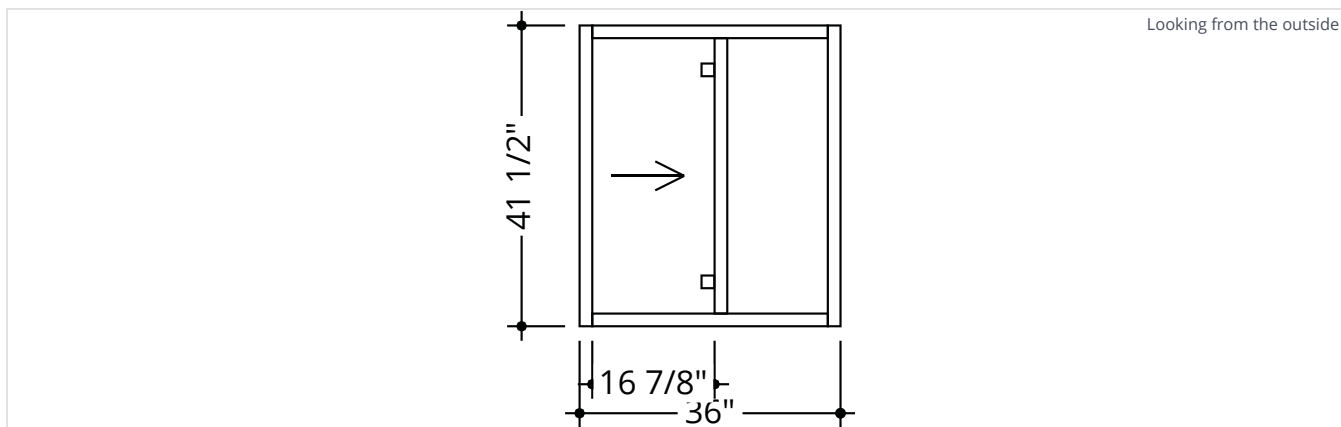
Quote #

96826

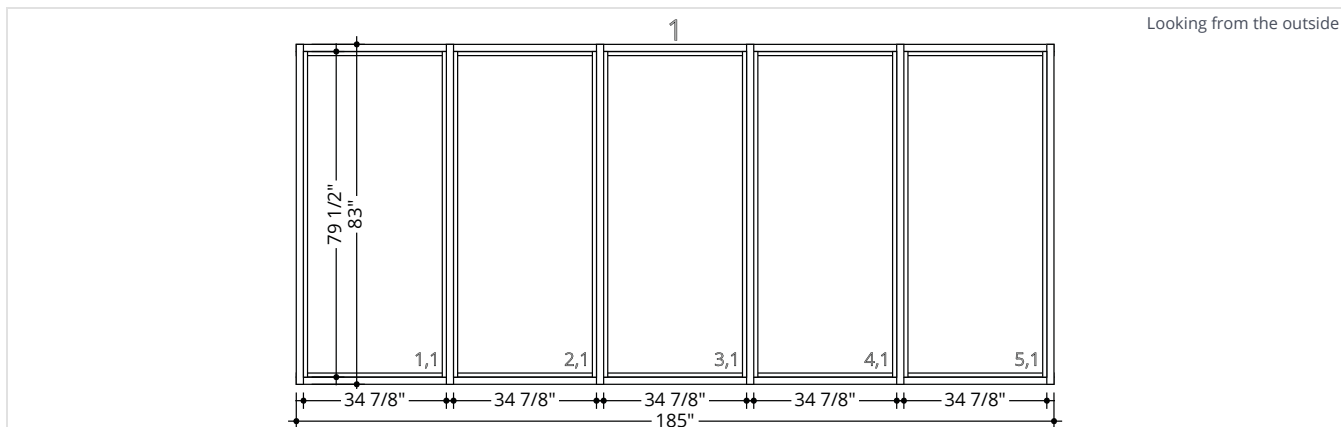
Prepared by: Mr Glass Doors & Windows, Inc
Fort Lauderdale
Job Name: Aquatic Center - Redesign V3
Rep: AD

Client Name: Hensel Phelps Construction
888 SE 3rd Ave Suite 200 Ft Lauderdale
FL 33316

Mark	Qty	Product	Width	Height	Config.	Frame	Screen	90 Days Bluemax	Pressure
C2	1	MG-300 LMI	36.0"	41.5"	XO	Duranar Arcadia Silver	Yes	No	+80/ -80
Glass 3/16 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 3/16 CLEAR HS									



Mark	Qty	Product	Width	Height	Frame	90 Days Bluemax	Pressure
J	1	MG5000 / MG500 (LMI)	185.0"	83.0"	Duranar Arcadia Silver	Yes	+80/ -80
Glass [1/4 SOLEX GREEN HS + 0.090 PVB + (SB70 FACE#3) 1/4 CLEAR HS]							



Hardware						
Lock	Hinges	Handle	Closer	Swing	Threshold	Power Supply
N/A	N/A	N/A	N/A	N/A	N/A	

2/11/2020



8120 NW 84th St Miami, FL 33166
 Phone: 305-470-8284
 Fax: 305-470-8285
 Email: info@mrghwindows.com

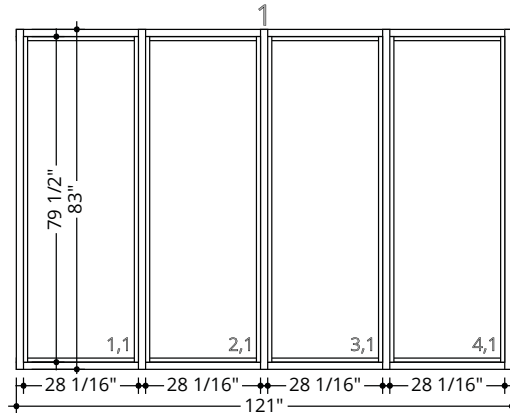
Quote #

96826

Prepared by: Mr Glass Doors & Windows, Inc
 Fort Lauderdale
Job Name: Aquatic Center - Redesign V3
Rep: AD

Client Name: Hensel Phelps Construction
 888 SE 3rd Ave Suite 200 Ft Lauderdale
 FL 33316

Mark	Qty	Product	Width	Height	Frame	90 Days Bluemax	Pressure
H	1	MG5000 / MG500 (LMI)	121.0"	83.0"	Duranar Arcadia Silver	Yes	+80/-80
Glass		[1/4 SOLEX GREEN HS + 0.090 PVB + (SB70 FACE#3) 1/4 CLEAR HS]					

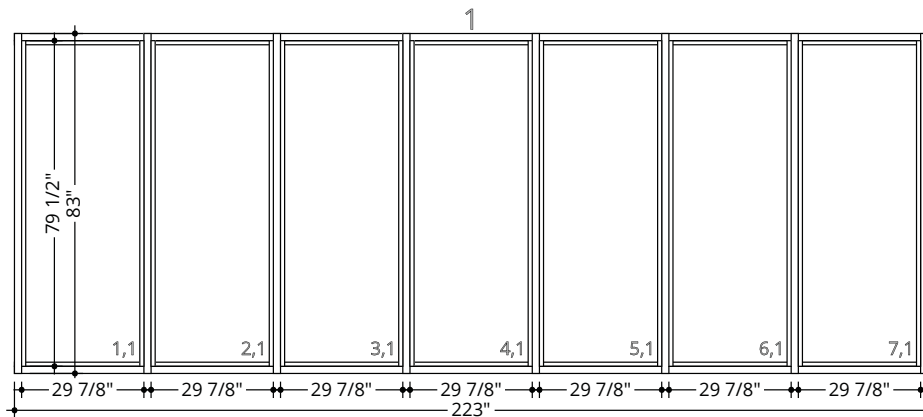


Looking from the outside

Hardware

Lock	Hinges	Handle	Closer	Swing	Threshold	Power Supply	Panic Accessory
N/A	N/A	N/A	N/A	N/A	N/A		

Mark	Qty	Product	Width	Height	Frame	90 Days Bluemax	Pressure
G	1	MG5000 / MG500 (LMI)	223.0"	83.0"	Duranar Arcadia Silver	Yes	+80/-80
Glass		[1/4 SOLEX GREEN HS + 0.090 PVB + (SB70 FACE#3) 1/4 CLEAR HS]					



Looking from the outside

Hardware

Lock	Hinges	Handle	Closer	Swing	Threshold	Power Supply	Panic Accessory
N/A	N/A	N/A	N/A	N/A	N/A		

2/11/2020



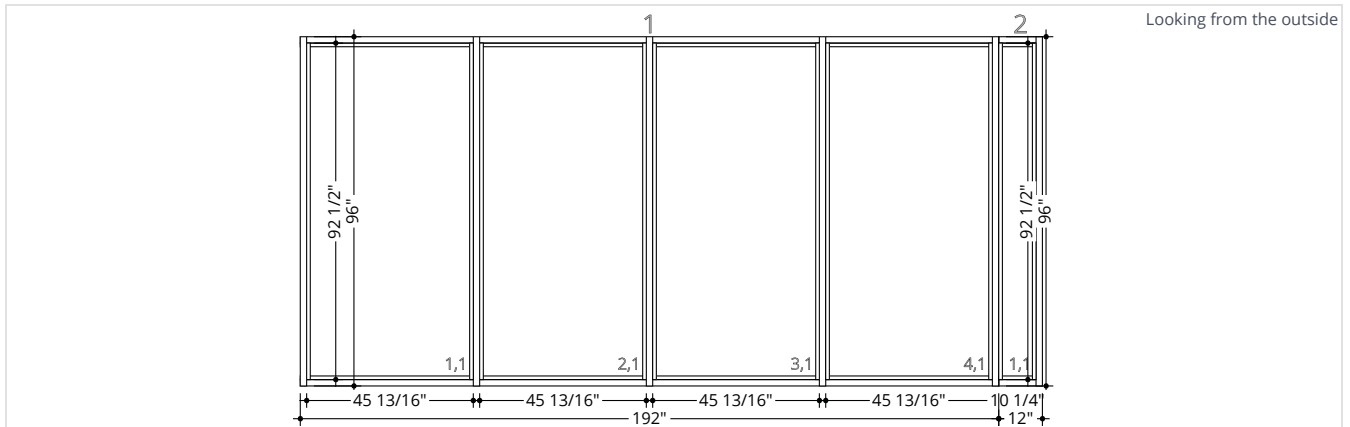
8120 NW 84th St Miami, FL 33166
 Phone: 305-470-8284
 Fax: 305-470-8285
 Email: info@mrgwindows.com

Quote # 96826

Prepared by: Mr Glass Doors & Windows, Inc
 Fort Lauderdale
Job Name: Aquatic Center - Redesign V3
Rep: AD

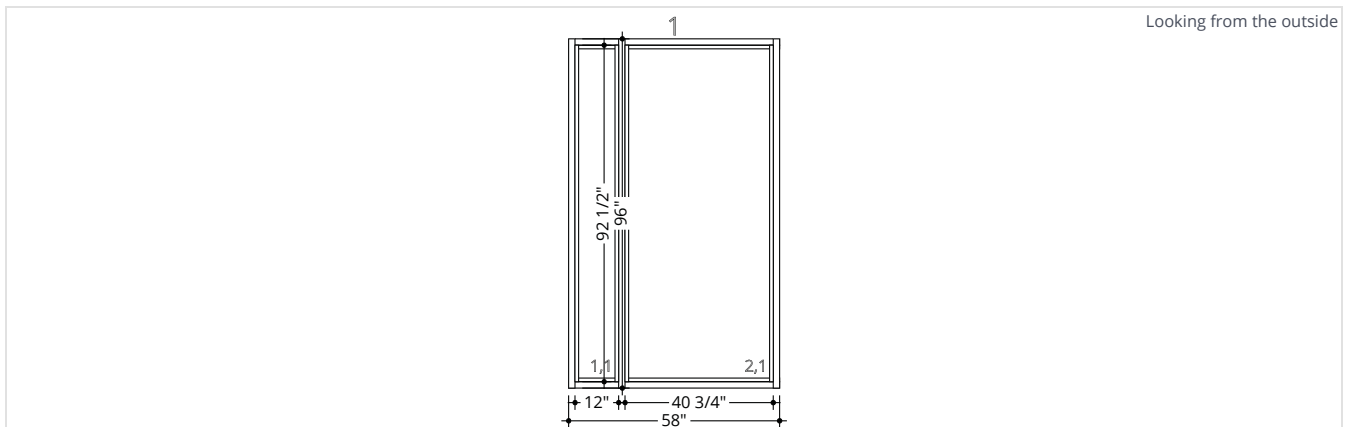
Client Name: Hensel Phelps Construction
 888 SE 3rd Ave Suite 200 Ft Lauderdale
 FL 33316

Mark	Qty	Product	Width	Height	Frame	90 Days Bluemax	Pressure
F	1	MG5000 / MG500 (LMI)	204.0"	96.0"	Duranar Arcadia Silver	Yes	+80/ -80
Glass	[1/4 SOLEX GREEN HS + 0.090 PVB (WHITE INTERLAYER) + (SB70 FACE#3) 1/4 CLEAR HS] [1/4 SOLEX GREEN HS + 0.090 PVB + (SB70 FACE#3) 1/4 CLEAR HS]						



Hardware							
Lock	Hinges	Handle	Closer	Swing	Threshold	Power Supply	Panic Accessory
N/A	N/A	N/A	N/A	N/A	N/A		

Mark	Qty	Product	Width	Height	Frame	90 Days Bluemax	Pressure
F1	1	MG5000 / MG500 (LMI)	58.0"	96.0"	Duranar Arcadia Silver	Yes	+80/ -80
Glass	[1/4 SOLEX GREEN HS + 0.090 PVB + (SB70 FACE#3) 1/4 CLEAR HS]						



Hardware							
Lock	Hinges	Handle	Closer	Swing	Threshold	Power Supply	Panic Accessory
N/A	N/A	N/A	N/A	N/A	N/A		

2/11/2020



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

96826

Prepared by: Mr Glass Doors & Windows, Inc
Job Name: Fort Lauderdale Aquatic Center - Redesign V3
Rep: AD

Client Name: Hensel Phelps Construction
Client Address: 888 SE 3rd Ave Suite 200 Ft Lauderdale FL 33316

Tubes

Mark	Description	Length	Qty	Color
T-A	2" x 6" x 1/8"	44.0	1	Duranar Arcadia Silver
T-C	2" x 6" x 1/8"	44.0	1	Duranar Arcadia Silver
T-F	2" x 6" x 1/8"	96.0	2	Duranar Arcadia Silver

2/11/2020



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

96826

Prepared by: Mr Glass Doors & Windows, Inc
Job Name: Fort Lauderdale Aquatic Center - Redesign V3
Rep: AD

Client Name: Hensel Phelps Construction
Client Address: 888 SE 3rd Ave Suite 200 Ft Lauderdale FL 33316

Glasses

Mark	Width	Height	Composition	Qty
D-GLASS	28.125"	73.0625"	1/4 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 1/4 CLEAR HS [TECNOGLASS]	1
E-GLASS	27.4375"	72.0625"	1/4 BLUE-GREEN HS + 0.090 PVB + (SB70 FACE #3) 1/4 CLEAR HS [TECNOGLASS]	4

2/11/2020



8120 NW 84th St Miami, FL 33166
 Phone: 305-470-8284
 Fax: 305-470-8285
 Email: info@mrgwindows.com

Quote #	96826
----------------	--------------

Prepared by:	Mr Glass Doors & Windows, Inc	Client Name:	Hensel Phelps Construction
Job Name:	Fort Lauderdale Aquatic Center - Redesign V3	Client Address:	888 SE 3rd Ave Suite 200 Ft Lauderdale FL 33316
Rep:	AD		

Miscellaneous

Mark	Description	Qty
WAGES	FEE	1
WB	WOOD BUCK	1
DOOR4	ENVIRALUM ENV-450 FRAME 3X7 OUTSWING HLISO WITH 4 1/2" X 4" BUTT HINGES W/NRP - 630 3 POINT LOCK MECHANISM KEY CYLINDER , 1" DIA. TUBULAR OFFSET PULL HANDLE @ 10" CTC - 6281" DIA. TUBULAR PUSH BAR - 628 , EXIT PANIC DEVICE. WATER RESISTANT KIT PER LEAF (3) COMPONENTS & ADDT'L SEALANT	1
DOOR1	ENVIRALUM ENV-450 FRAME 6X7 DOUBLE DOOR OUITSWING WITH 4 1/2" X 4" BUTT HINGES W/NRP - 630 3 POINT LOCK MECHANISM KEY CYLINDER 1" DIA. TUBULAR OFFSET PULL HANDLE @ 10" CTC - 628 1" DIA. TUBULAR PUSH BAR - 628 2-EXIT PANIC DEVICE,WATER RESISTANT KIT PER LEAF (3) COMPONENTS & ADDT'L SEALANT	1
EQU	BOOM LIFT / EQUIPMENT / SWING STAGE /SCAFFOLD	1
DOOR9D	ENVIRALUM ENV-450 FRAME 6X8 DOUBLE DOOR IN SWING WITH 4 1/2" X 4" BUTT HINGES W/NRP - 630 3 POINT LOCK MECHANISM KEY CYLINDER 1" DIA. TUBULAR OFFSET PULL HANDLE @ 10" CTC - 628 1" DIA. TUBULAR PUSH BAR - 628 2-EXIT PANIC DEVICE ,(3) COMPONENTS & ADDT'L SEALANT ***** NO WATER RESISTANT*** GUARD PANIC DEVICE INCLUDED	1
UD	UPGRADE SPECIAL DESIGN MARK "J", "H", G	1
MIRR	1/4" CLEAR MIRROR WITH "J" MOLDING ALUMINUM FRAME ALL ARROUND SIZE (1) 4' X 10' / (1) 4' X 15' **See Note**	1



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

96826

Prepared by: Mr Glass Doors & Windows, Inc
Job Name: Fort Lauderdale Aquatic Center - Redesign V3
Rep: AD

Client Name: Hensel Phelps Construction
Client Address: 888 SE 3rd Ave Suite 200 Ft Lauderdale FL 33316

Installation

Mark	Description	Qty
INST	INSTALLATION INCLUDED /NEW CONSTRUCTION / RETROFIT	1

2/11/2020



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

96826

Prepared by: Mr Glass Doors & Windows, Inc
Job Name: Fort Lauderdale Aquatic Center - Redesign V3
Rep: AD

Client Name: Hensel Phelps Construction
Client Address: 888 SE 3rd Ave Suite 200 Ft Lauderdale FL 33316

Engineering

Mark	Description	Qty
ENG	SHOP DRAWINGS, ENGINEERING CALCULATIONS, PERMIT PROCESSING INCLUDED. CITY PERMIT FEES NOT INCLUDED.	1

2/11/2020



8120 NW 84th St Miami, FL 33166

Phone: 305-470-8284

Fax: 305-470-8285

Email: info@mrgwindows.com

Quote #

96826

Prepared

Mr Glass Doors &

by:

Windows, Inc

Job

Name:

Fort Lauderdale

Aquatic Center -

Redesign V3

Rep:

AD

Client

Name:

Client

Address:

Hensel Phelps

Construction

888 SE 3rd Ave Suite

200 Ft Lauderdale

FL 33316

Summary

System Summary	
Total Products	5
Horizontal Roller (MG-300)	4
Single Hung (MG-200)	2
Storefront Window (MG-5000)	6
Tube	4
Break Metal	0
Glasses	5

Sell Summary	
Total:	\$79,263.64

Sqft Summary	
Single Hung (MG-200)	24.44 sqft
Horizontal Roller (MG-300)	60.75 sqft
Storefront(MG-500/MG5000)	479.58 sqft
Total Sqft	564.77 sqft

Notes:

**** TERMS ****

-ALL MATERIALS & INSTALLATION INCLUDED

-FLUSH METAL DOORS, LOUVER DOORS, EXHAUST LOUVERS, ALUMINUM FENCE, ALUMINUM CANOPY, ALUMINUM RAILINGS WITH SCREENS AND STAINLESS STEEL WINDOWS BY OTHERS

-DAILY HOUSEKEEPING FEES OF \$150 NOT INCLUDED

-BEAUTY BEAD BY OTHERS

-WINDOW AND DOOR TREATMENT NOT INCLUDED

-STEEL BY OTHERS

-EXTERIOR CAULKING ONLY

-BOND FEE NOT INCLUDED RATE IS: 1.5%

-JESSICA LUNSFORD BADGE FEE NOT INCLUDED

Notes:

We are upgrading the software, please go to the NOA to check compliance

2/11/2020

-LEAD TIME 5-6 WEEKS FROM APPROVED DOC. & RECEIPT OF ORDER.

-. *EXCLUDE THE FOLLOWING THIS QUOTE: INTERIOR AND EXTERIOR FINISH, PAINTING, STUCCO, MASONARY, DRYWALL, STRUCTURAL STEEL, WINDOWS TREATMENTS FIELD TESTING AND OR BONDS, DEMOLITION OF ANY KIND, ANY PRODUCT OR SERVICE NOT LISTED ABOVE OR THE FOLLOWING SHEETS.

- QUOTE BASED ON A CONTINUOUS INSTALLATION SCHEDULE, CHANGES TO THE SCHEDULE ARE SUBJECT TO REVIEW

.- QUOTATIONS ARE BASED ON DATE PLANS 01/31/2020 BY ARCHITECT CARTAYA & ASSOCIATES.

.- THE SIZE OF MIRRORS MAY HAVE LIMITATIONS

All rates apply, only line items mentioned are included. Customer agrees to pay all cost/expenses incurred collecting any amount due, including attorney's fees and associated expenses. A \$25 charge is added to checks returned and 1.5% monthly interest fee for past due balance. Quote valid for 30 days.

THIS QUOTE IS SUBJECT TO FIELD VERIFICATION.

Accepted By: _____

Accepted Date: _____

2/11/2020



ORIGINAL QUOTE # 93797 VS. REDESIGN QUOTE # 96826

2/19/2020

MARK	ORIGINAL QUOTE # 93797 QTY	REDESIGN - QUOTE # 96826 QTY	OBSERVATION
A	1	1	
A2	1	1	
B	1	2	
C	1	1	
C2	1	1	
D	1	0	
E	2	0	
TUBES	5	4	
J	0	1	
H	0	1	
G	0	1	
F	0	1	
DOOR #1	1	1	
DOOR # 4	1	1	
DOOR # 9D	0	1	
EQUIPMENT	0	1	
TOTAL SQFT	215	667.95	
TOTAL PRICE \$	\$ 24,900.00	\$ 76,798.00	\$79,263.64 \$24,900.00

NOTE:

- 1.-ORIGINAL QUOTE # 93797 NOT INCLUDE THE EXIT PANIC DEVICE IN THE DOOR
- 2.- DOOR MARK "F" NUMBER 9D INCLUDES GUARD PANIC DEVICE (ADD COST)
- 3.- SPECIAL DESIGN CURVE STOREFRONT INCLUDE (REDESIGN QUOTE # 96826)



EPOXY

INCORPORATED

400 Sansu Crt, Longwood, FL 32750
Tel: 321-235-6606 • Fax: 321-235-6602

Request for Change Order

FROM: Epoxy, Inc.
400 Sansu Ct.
Longwood, FL 32750
Ph 321-235-6606 Fx 321-235-6602

DATE: 03/25/2020

PROPOSAL SUBMITTED TO:

Hensel Phelps
888 SE 3rd Ave – Suite 200
Ft Lauderdale, FL 33316
PH: 407-856-2400
Attn: Estimator / Daniel Pereira

PROJECT NAME: Ft Lauderdale Aquatic Center - Revision

We hereby submit specifications and estimate for: **Floroquartz Decorative Epoxy Flooring System**
as manufactured by Crawford Laboratories, Chicago, IL

Change order per revision 7

Contracted Footage: 2,425 sq ft & 629 ln ft of cove base
Revised Footage: 2,266 sq ft & 595 ln ft of cove base

Rooms:

- B102: 44 sq ft 30 ln ft of cove base
- B104: 49 sq ft 28 ln ft of cove base
- B105: 880 sq ft 171 ln ft of cove base
- B106: 594 sq ft 145 ln ft of cove base
- B108: 45 sq ft 28 ln ft of cove base
- B109: 180 sq ft 58 ln ft of cove base
- B110: 369 sq ft 77 ln ft of cove base
- TP01: 63 sq ft 32 ln ft of cove base
- TP02: 42 sq ft 26 ln ft of cove base

Scope of Work:

1. Mechanically grind floor
2. Patch and repair cracks and divots
3. Apply 6" cove base
4. Apply coat of epoxy MVT primer and broadcast quartz
5. Apply squeegee grout coat of System 4805 100% solids epoxy and broadcast quartz
6. Apply seal coat of System 4805 100% solids epoxy
7. Apply top coat of MC Chemical resistant urethane

Contracted Total: 3,054 ft @ \$6.89/ft = \$21,042.06

Revised Total: 2,861 ft @ \$6.89/ft = \$19,712.29

Variance: -193 ft = \$(1,329.77)

*Each Phase is to be completed in one mobilization if additional mobilizations are required during each phase, please add \$1,850.00 each.

Scope, Price and Warranty are contingent upon the following:

1. Concrete slab shall be properly cured for a minimum of 28 days
2. Utilities to include electric (ability to utilize 20 amp circuits) shall be furnished and accessible
3. Overhead lighting (permanent or the equivalent) is required for proper application
4. Areas to receive application are to be broom swept, clean and free from floor debris prior to our arrival
5. Areas are to be free from ALL other trades during and for a period of 24 hours after application
6. Protection of finished floor from damage by subsequent trades is the responsibility of the GC unless otherwise contracted
7. Epoxy Inc will not warranty areas where contamination from sources such as grease, oil, fuel and other chemicals are present
8. Water intrusion will result in delamination of epoxies from concrete; all areas MUST be dry and free from any water intrusion prior to, during, and for a period of 24 hours after application
9. Epoxy, Inc. is not responsible for unforeseen conditions such as water penetration and moisture content from under the existing slab that can result in lifting or delamination

"Any variations from the above required conditions can result in an additional charge or void warranty, additionally, due to our specialized nature of work and the required dry times between applications, it is imperative that we work when mobilized. If Epoxy Inc is scheduled on a project, we have cleared our schedule accordingly. Any mobilization that we are turned away from will result in a remobilization/reschedule fee."

We hereby propose to furnish labor and materials- complete in accordance with the above specifications, for the sum of nineteen thousand seven hundred twelve and 29/100 dollars (\$19,712.29) with payments to be made as follows: upon completion. All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra cost will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. This proposal subject to acceptance within 30 days and it is void thereafter at the option of the undersigned.

Authorized Signature _____

ACCEPTANCE OF PROPOSAL. The above prices, specs, and conditions are hereby accepted. You are authorized to do work as specified. Payment will be made as outlined above.

Authorized Signature _____



3350 Burris Road, Fort Lauderdale, FL 33314

P: 954-581-8115 • F: 954-792-0945

www.resource4floors.com

Alternate #2 to Proposal 33656

Quote #

33822

Customer PO

Contract #

Date

3/24/2020

Sales Person1

FELIPE

Designer

Acct # 2882
For: 954 447-0000 Fax 954 827-7770

Job Site:

Hensel Phelps
100 NE 3rd AVE
Suite 440
FORT LAUDERDALE, FL 33301

FT LAUDERDALE AQUATIC CENTER

Type	Quantity	Product Description Labor Description	Color / Item Number Room	Price	Total
Ceramic Tile					
Materials	90 SqFt	DALTILE COLORBODY - LIGHT GREY DL26 MATTE 24" X 24"		\$5.30	\$477.14
Labor	1 Each	MINIMUM TRIP ELEVATOR INSTALL		\$889.21	\$889.21
Notes	ADD				
Supplies					
Materials	1	PROFLEX SIM 40 CRACK SUPPRESSION ROLL (225 SF/ROLL)		\$168.20	\$168.20
Labor	90 SqFt	CRACK ISOLATION MEMBRANE INSTALL		\$1.27	\$114.33
Notes	ADD				
Supplies					
Materials	1 Each	PROFLEX PR11 PRIMER FOR CRACK SUPPRESSION 1 GAL. (300-500 SF)		\$33.71	\$33.71
Notes	ADD				
Ceramic Tile					
Materials	2 Each	CUSTOM BUILDING PRODUCTS VERSABOND LFT THIN SET WHITE 52 LB (40 SF/BAG)		\$21.20	\$42.41
Notes	ADD				

Information

Total

	Labor	\$1,003.54
	Materials	\$721.46
	Contract Total	\$1,725.00
	Sales Tax	
	Grand Total	\$1,725.00
	Date Ck#	
Deposit		

THIS QUOTE IS NOT BINDING ON RESOURCE 4 FLOORS UNTIL CREDIT HAS BEEN APPROVED AND IS FURTHER SUBJECT TO THE NEGOTIATION AND EXECUTION OF A MUTUALLY ACCEPTABLE CONTRACT OR AGREEMENT, IF SO REQUIRED BY THE BUYER. A PROPERLY EXECUTED COPY OF THIS QUOTE SHALL BECOME A PART OF ANY AGREEMENT OR PURCHASE ORDER THAT YOU ISSUE TO THIS QUOTE.

Continuation For: Hensel Phelps, Quote # 33822

Type	Quantity	Product Description Labor Description	Color / Item Number Room	Price	Total
------	----------	--	-----------------------------	-------	-------

ALL CUSTOM ORDERS WILL REQUIRE A 50% DEPOSIT BEFORE ORDER IS PLACED WITH SUPPLIER AND THE BALANCE OF THE CUSTOM MATERIAL ORDER WILL BE DUE BEFORE THE ORDER IS RELEASED FOR SHIPPING.

THE RECEIVING AND/OR STORAGE OF MATERIALS SHALL BE THE RESPONSIBILITY OF RESOURCE BUT THE BUYER SHALL BE RESPONSIBLE FOR PAYMENT OF THE MATERIALS ONCE RECEIVED AT RESOURCE. INVOICES FOR PARTIAL BILLING, WHERE WORK SPANS MORE THAN ONE MONTH, SHALL BE ALLOWED BY BUYER.

YOU SHALL PAY REASONABLE ATTORNEY'S FEES IN THE EVENT WE SHALL ENGAGE AN ATTORNEY TO ENFORCE COLLECTION OR TO PRESERVE AND PROTECT OUR RIGHTS UNDER THIS AGREEMENT OR ANY CONTRACT/AGREEMENT RESULTING FROM THIS QUOTE.

THIS QUOTE IS VALID FOR FIFTEEN (15) DAYS AND IS SUBJECT TO MANUFACTURER AVAILABILITY AND PRODUCTION SCHEDULES.

YOUR SIGNATURE BELOW INDICATES ACCEPTANCE, AGREEMENT AND ACKNOWLEDGMENT TO THE FOREGOING QUOTE UNDER ALL TERMS AND CONDITIONS SET FORTH THEREIN. YOU ARE NOW AUTHORIZING US TO PROCURE THE MATERIAL SPECIFIED ABOVE AND TO PERFORM THE WORK. ALL RETURNS OR CANCELLATIONS ARE SUBJECT TO A 20% RESTOCKING FEE.

Buyer: _____ Date: _____ Seller: _____ Date: _____

Summary 1/5


Customer

Job Site

Ft Lauderdale Aquatic Center

Floor Plan- Building B

Item Description	Quantity	Unit Price	Total Price
1. Laborer	1	100	100
2. Carpenter	1	150	150
3. Electrician	1	200	200
4. Plumber	1	180	180
5. Painter	1	120	120
6. Material (Cement)	1	300	300
7. Material (Brick)	1	250	250
8. Material (Sand)	1	150	150
9. Material (Gravel)	1	200	200
10. Material (Steel)	1	400	400
11. Material (Concrete)	1	350	350
12. Material (Insulation)	1	100	100
13. Material (Drywall)	1	120	120
14. Material (Flooring)	1	180	180
15. Material (Paint)	1	100	100
16. Material (Tools)	1	50	50
17. Material (Safety Gear)	1	50	50
18. Material (Transportation)	1	100	100
19. Material (Food/Drink)	1	50	50
20. Material (Accommodation)	1	100	100
21. Material (Utilities)	1	50	50
22. Material (Insurance)	1	100	100
23. Material (Permits)	1	50	50
24. Material (Miscellaneous)	1	50	50
25. Material (Total)	1	1000	1000

 Base Tile 4" LF Edit Tile Size

Porcelain Tile - Daltile- Colorbody - Light Grey DL26 - Matte Slip Resistant 24" x 24" SF

Stair Tread 4" LF

Transitions: Schluter 0" LF

Upper Deck - Building B

Item Description

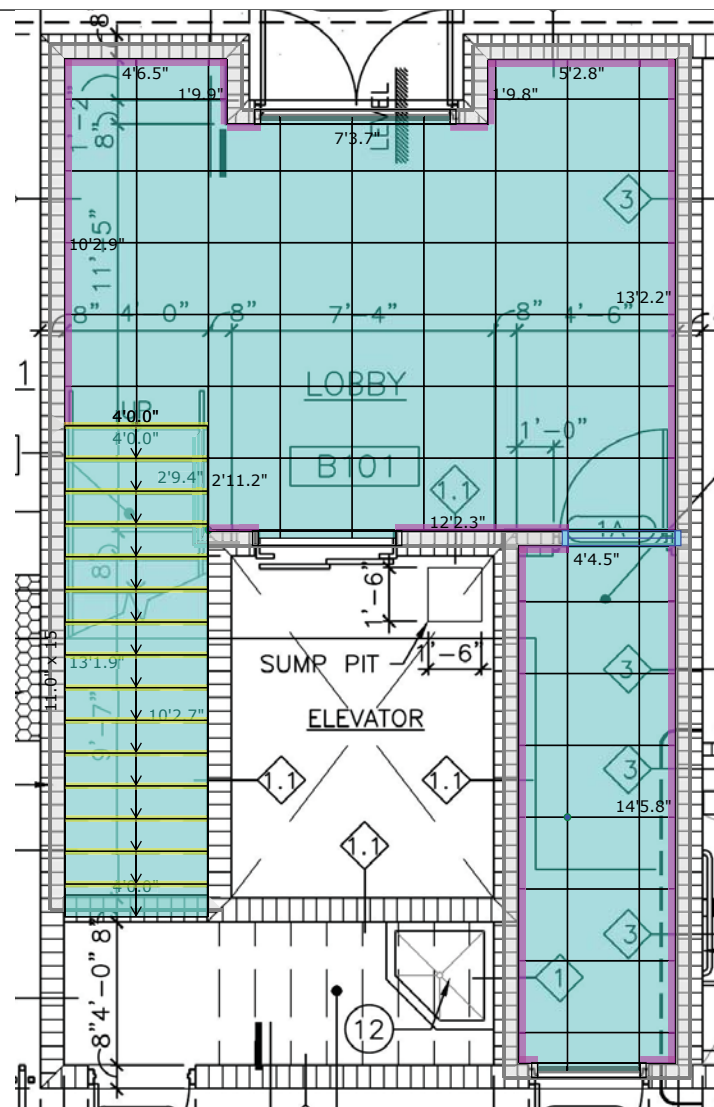
Base Tile 4" LF Edit Tile Size

Porcelain Tile - Daltile- Colorbody - Light Grey DL26 - Matte Slip Resistant 24" x 24" SF

Stair Tread 4" LF

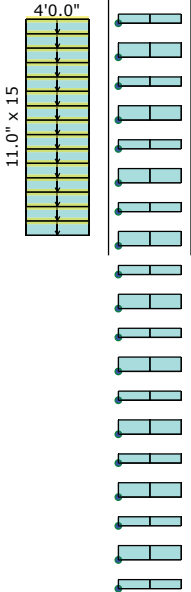
Transitions: Schluter 0" LF

Floor Plan- Building B 2/5

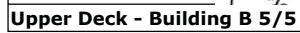




Floor Plan- Building B 3/5

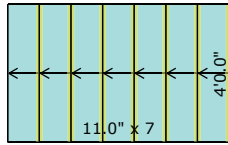
■ Porcelain Tile - Daltile- Colorbody - Light Gray DL26 - Matte Slip Resistant 24"
■ Stair Tread 4" LF, 60.00 LF





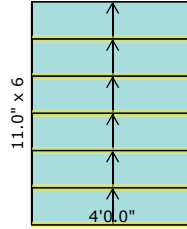
Upper Deck - Building B 4/5





 Porcelain Tile - Daltile - Colorbody
 Stair Tread 4" LF, 28.00 LF



 Porcelain Tile - Daltile - Colorbody
 Stair Tread 4" LF, 24.00 LF



 Porcelain Tile - Daltile - Colorbody
 Stair Tread 4" LF, 24.00 LF

3350 Burris Road, Fort Lauderdale, FL 33314
P: 954-581-8115 • F: 954-792-0945
www.resource4floors.com

Quote #

33656

Customer PO

Contract #

Date

3/17/2020

Sales Person1

FELIPE

Designer

Acct # 2882
For: 954 447-0000 Fax 954 827-7770

Job Site:

Hensel Phelps
100 NE 3rd AVE
Suite 440
FORT LAUDERDALE, FL 33301

FT LAUDERDALE AQUATIC CENTER

Type	Quantity	Product Description Labor Description	Color / Item Number Room	Price	Total
Ceramic Tile					
Materials	1075 SqFt	DALTILE COLORBODY - LIGHT GREY DL26 MATTE 24" X 24"		\$5.30	\$5,695.32
Labor	1075 SqFt	FLOOR TILE-LARGE FORMAT (NO PATTERN) THIN SET		\$5.71	\$6,140.98
Trim					
Materials	18	SCHLUTER RONDEC STEP 1/2"		\$87.05	\$1,566.89
Labor	112 LnFt	SCHLUTER-TYPE TRANSITION LABOR		\$2.54	\$284.36
Labor					
Labor	112 LnFt	CERAMIC STEPS LABOR		\$11.43	\$1,279.61
Ceramic Tile					
Materials	180	DALTILE COLORBODY - LIGHT GREY SL26 MATTE 6" X 12" COVE BASE		\$10.51	\$1,892.40
Labor	180 LnFt	BASE AND BULLNOSE-PRE FORMED		\$3.17	\$571.25
Transition					
Materials	4 Each	SCHLUTER SCHIENE E125 1/2" STAINLESS STEEL 304 (8' 2-1/2")	304 STAINLESS STEEL	\$29.56	\$118.23
Labor	32 LnFt	TRANSITION-INSTALLATION LABOR		\$1.27	\$40.62
Supplies					
Materials	5	PROFLEX SIM 40 CRACK SUPPRESSION ROLL (225 SF/ROLL)		\$168.09	\$840.46
Labor	891 SqFt	CRACK ISOLATION MEMBRANE INSTALL		\$1.27	\$1,131.08
Supplies					
Materials	2 Each	PROFLEX PR11 PRIMER FOR CRACK SUPPRESSION 1 GAL. (300-500 SF)		\$33.69	\$67.37
Ceramic Tile					
Materials	30 Each	CUSTOM BUILDING PRODUCTS VERSABOND LFT THIN SET WHITE 52 LB (40 SF/BAG)		\$21.19	\$635.69
Ceramic Tile					
Materials	3 Each	LATICRETE PERMACOLOR GROUT 25LB/BAG (11.3KG)		\$45.25	\$135.74

Continuation For: Hensel Phelps, Quote # 33656

Type	Quantity	Product Description Labor Description	Color / Item Number Room	Price	Total
MISC					
Labor	1 Each				
Notes	Resource 4 Floors will be entitled to a change order for additional floor prep required to correct any sub-floor surface that exceeds the maximum allowable variation: Per ANSI A108.02-2016 - Section 4.1.4.3.1 Sub-floor surfaces: For tiles with all edges shorter than 15 inches (0.38 m), the maximum allowable variation is no more than 1/4 inch in 10 feet (6 mm in 3 m) and no more than 1/16 inch in 1 foot (1.6 mm in 0.3 m) from the required plane, when measured from the high points in the surface. For tiles with at least one edge 15 inches (0.38 m) or longer, the maximum allowable variation is no more than 1/8 inch in 10 feet (3 mm in 3 m) and no more than 1/16 inch in 2 feet (1.6 mm in 0.6 m) from the required plane, when measured from the high points in the surface.				
MISC					
Labor	1 Each				
Notes	ASTM F710				
4.2 The surface of concrete floors to receive resilient flooring shall be dry, clean, smooth, and structurally sound. They shall be free of dust, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, film-forming curing compounds, silicate penetrating curing compounds, sealing, hardening, or parting compounds, alkaline salts, excessive carbonation or laitence, mold, mildew, and other foreign materials that might affect the rate of moisture dissipation from the concrete, the adhesion of resilient flooring to the concrete or cause a discoloration of the flooring from below. Non-chemical methods for removal, such as abrasive cleaning or bead-blasting, including methods described in Practice D4259 maybe used on existing slabs with deleterious residues."					
MISC					
Materials	1 Each	Exclusions			
Notes	UNLESS SPECIFICALLY INCLUDED ABOVE, THE FOLLOWING ARE NOT INCLUDED IN THIS QUOTE:				
PHASING AFTER HOUR OR WEEKEND LABOR RATES ADDITIONAL MOISTURE TESTING MOISTURE CONTROL SYSTEMS GRINDING OR BEAD BLASTING OF SLAB REMOVAL OF EXISTING FLOOR COVERINGS AND ADHESIVES REMOVAL OF EXISTING THINSET OR MORTAR LEVELING OF SLAB ADDITIONAL FLOOR PREP DUE TO UNKNOWN CONDITIONS AT TIME OF QUOTE RAMPING/ ADDITIONAL RAMPING DUE TO SITE CONDITIONS FURNITURE SERVICES FINAL FINISH OF RESILIENT PRODUCTS (STRIP/WAX, ETC.) ATTIC STOCK PROTECTION OF INSTALLED FLOORING (KRAFT PAPER , MASONITE, ETC.) WAGE REQUIREMENTS (DAVIS BACON, ETC.) OCIP/CCIP/RCIP INSURANCE PROGRAMS BADGING / OTHER SECURITY PROCEDURES CERAMIC-PORCELAIN-STONE SCHLUTER TYPE TRANSITIONS CRACK SUPPRESSION MEMBRANE WOOD BASE					

Continuation For: Hensel Phelps, Quote # 33656

Type	Quantity	Product Description Labor Description	Color / Item Number Room	Price	Total
Information			Total		
			Labor		\$9,447.90
			Materials		\$10,952.10
			Contract Total		\$20,400.00
			Sales Tax		
			Grand Total		\$20,400.00
			Deposit	Date Ck#	

THIS QUOTE IS NOT BINDING ON RESOURCE 4 FLOORS UNTIL CREDIT HAS BEEN APPROVED AND IS FURTHER SUBJECT TO THE NEGOTIATION AND EXECUTION OF A MUTUALLY ACCEPTABLE CONTRACT OR AGREEMENT, IF SO REQUIRED BY THE BUYER. A PROPERLY EXECUTED COPY OF THIS QUOTE SHALL BECOME A PART OF ANY AGREEMENT OR PURCHASE ORDER THAT YOU ISSUE TO THIS QUOTE.

ALL CUSTOM ORDERS WILL REQUIRE A 50% DEPOSIT BEFORE ORDER IS PLACED WITH SUPPLIER AND THE BALANCE OF THE CUSTOM MATERIAL ORDER WILL BE DUE BEFORE THE ORDER IS RELEASED FOR SHIPPING.

THE RECEIVING AND/OR STORAGE OF MATERIALS SHALL BE THE RESPONSIBILITY OF RESOURCE BUT THE BUYER SHALL BE RESPONSIBLE FOR PAYMENT OF THE MATERIALS ONCE RECEIVED AT RESOURCE. INVOICES FOR PARTIAL BILLING, WHERE WORK SPANS MORE THAN ONE MONTH, SHALL BE ALLOWED BY BUYER.

YOU SHALL PAY REASONABLE ATTORNEY'S FEES IN THE EVENT WE SHALL ENGAGE AN ATTORNEY TO ENFORCE COLLECTION OR TO PRESERVE AND PROTECT OUR RIGHTS UNDER THIS AGREEMENT OR ANY CONTRACT/AGREEMENT RESULTING FROM THIS QUOTE.

THIS QUOTE IS VALID FOR FIFTEEN (15) DAYS AND IS SUBJECT TO MANUFACTURER AVAILABILITY AND PRODUCTION SCHEDULES.

YOUR SIGNATURE BELOW INDICATES ACCEPTANCE, AGREEMENT AND ACKNOWLEDGMENT TO THE FOREGOING QUOTE UNDER ALL TERMS AND CONDITIONS SET FORTH THEREIN. YOU ARE NOW AUTHORIZING US TO PROCURE THE MATERIAL SPECIFIED ABOVE AND TO PERFORM THE WORK. ALL RETURNS OR CANCELLATIONS ARE SUBJECT TO A 20% RESTOCKING FEE.

Buyer: _____ Date: _____ Seller: _____ Date: _____



- Toilet Partitions
- Toilet Room Accessories
- Specialty Products

April 13, 2020

4051 S.W 47th Ave., Suite 104 □ Davie, FL 33314

Phone 954-689-8668 □ Fax 954-689-7188

elechs@aol.com

Change Order #2 –Breakdown

Hensel Phelps
6557 Hazeltine National Drive, Suite One
Orlando, FL 32822
Attn: Daniel Pereira

RE: Restroom Accessories
Ft. Lauderdale Aquatic Center Renovation
501 Seabreeze Boulevard
Ft. Lauderdale, FL 33316

Per returned submittal, the following were added/deleted:

Add the following items:

(1) 2921-S Automatic Electric Hand Dryer in Family Restroom

Add: Materials \$1,439.00 Labor \$0.00

Delete the following item:

(1) B-390349 Paper Towel Dispenser w/ 3gal. Waste Receptacle

Deduct: Materials (\$764.00) Labor (\$15.00)

Total Add: \$660.00

Accepted by: _____

Print: _____

Company: _____

Date: _____

Signature:  _____

Print: Victoria Edwards _____



- Toilet Partitions
- Toilet Room Accessories
- Specialty Products

February 25, 2020

4051 S.W 47th Ave., Suite 104 □ Davie, FL 33314

Phone 954-689-8668 □ Fax 954-689-7188

elechs@aol.com

Change Order #1 – Revised Breakdown

Hensel Phelps
6557 Hazeltine National Drive, Suite One
Orlando, FL 32822
Attn: Daniel Pereira

RE: Restroom Accessories / Fire Extinguishers
Ft. Lauderdale Aquatic Center Renovation
501 Seabreeze Boulevard
Ft. Lauderdale, FL 33316

Per Rev. 7 Redesign dated 01/31/2020, the following were added/deleted:

Add the following items:

(1) 8120-001360 36" Grab Bar, (1) 81020-001420 42" Grab Bar, (1) 6542 Horizontal Soap Dispenser,

(1) 4722-15 Sanitary Napkin Disposal, (1) 781-2436 24" x 36" Channel Frame Mirror,

(1) T9F640904 Jumbo Toilet Tissue Dispenser, (1) KB101-01 Baby Changing Station,

(1) B-390349 Paper Towel Dispenser w/ 3gal. Waste Receptacle

Add: Materials \$925.00 Labor \$109.00

(2) 3010-TAG 10lb. Multi-Purpose Fire Extinguisher 4A:80BC

Add: Materials \$150.00 Labor \$40.00

Required scope. Mirrors in restroom to remain per GMP.

~~Delete the following item:~~

← Enlarged mirrors in Rev #7 to be revised to original scope

(5) 781-4848 Channel Frame Mirror, 48" x 48"

~~Deduct: Materials (\$1,671.00) Labor (\$160.00)~~

~~Total Deduct: (\$607.00)~~

TOTAL ADD = \$1,234

Accepted by: _____

Print: _____

Company: _____

Date: _____

Signature: 

Print: Victoria Edwards

CAM #20-0487

Exhibit 2

Page 88 of 119



Date: March 20, 2020
This proposal is Valid for 30 Days

To: Hensel Phelps
Attention: James Camps
Phone: 954-447-0000
Email: jcamps@henselphelps.com

Fort Lauderdale Aquatic Center – Deductive Change Order

Lead Times: Shop Drawings: 7-9 weeks | Delivery: 16-18 weeks after approved shop drawings | Field verifications must be received 6-8 weeks prior to delivery of clear anodized materials and 8-10 weeks prior to delivery of painted materials.

Description: 1,333±square feet of Perfection's Suspended Aluminum Canopy / Radius Canopy Materials, sized and priced according to the bid documents listed below.

Bid Docs: Drawings dated 02/21/19 | Spec Section No Specs

Deduct: 1ea. – (2'0" x 10'6") 1ea. – (2'0" x 27'11") 1ea. – (2'0" x 35'6") 1ea. – (2'0" x 27'6") Suspended Aluminum Canopies as shown on A07, A08

Materials:

Columns:	6" x 12"
Beams:	6" x 10"
Decking:	2" x 6" x .078" Rigid Roll Lock Soffit / 4 1/2" x 6" x .080" Rigid Roll Lock
Fascia:	6 3/8"
Gutter:	4" x 8"
Strut:	1 1/2" Aluminum Pipe

Finish: 2-coat Kynar, non-exotic, non-metallic, non-XL

Booked Project Total: \$170,419.00

Delete Suspended Canopies: -\$27,350.00

New Project Total: \$143,069.00


Included: Engineering, Freight, Installation, Taxes

Excluded: Footings, Lighting, Raceways, Conduit Covers, Permits, Bonds

Note: Perfection is not responsible for designing, engineering, providing, or installing structural attachment points.

Note 2: All pricing through Perfection is based on live loads of 20 PSF and L/180 Deflection

By:


Rich Dorau, Estimator.

Printed Name & Date

Contractor Signature

The above prices, and conditions are satisfactory and are hereby accepted. You are authorized to proceed work.

[illegible]

Price subject to change pending site visit results, material change, or sizing.		Sales Tax		-\$764.33	
S = Sintra	C(A,Br,Bs) = Cast(Aluminum, Bronze, Brass)	Total		-\$11,689.27	
A = Aluminum Varied	CH = Channel Letter	Prices supported for 90 days from date submitted			
A090 = .090 Aluminum	RCH = Reverse Channel Letter	3% Escalation cost per year after 1st 90 days may be added.			
A125 = .125" Aluminum	TP = Thermopolymer				
A25 = .25" Aluminum	AMIX = Mixture of Materials	Typical installation/delivery is 6-8 weeks after final layout approval and receipt of permit if necessary. Rush orders can be accommodated for an additional charge.			
A50 = .5" Aluminum	AC125 = .125" Acrylic	Quote Date: 3/19/2020			
A1 = 1" Aluminum	AC25 = .25" Acrylic	Please allow sufficient production time.			
PVC = PVC	GP = Gravaply	Revision Date			
ST = Stock Item	V = Vinyl	Revision Date			
		Bids under \$10,000.00 will be handled with a Purchase Order or Standard Invoicing. NO AIA CONTRACTS.			
Bid as per plans: 2/28/20		Revision Date			
Addendum number: No Addendum		Revision Date			
Specification section: No Specification		Revision Date			
CHANGES TO SPECIFICATION AFTER BID DATE MAY INCUR ADDITIONAL CHARGES.		Payment terms: 50% due at first draw for materials. Payment for materials purchased at each monthly draw to be paid within 30 days.			
		DL0264			

CAM #20-0487
Exhibit 2
Page 90 of 119

thyssenkrupp Elevator Corporation

New Installation Proposal



03/06/2020

Prepared exclusively for: **HENSEL PHELPS**

Fort Lauderdale Aquatic Center – “Building B” | 501 Seabreeze Blvd. Ft Lauderdale

On behalf of thyssenkrupp Elevator Corporation (hereinafter ‘thyssenkrupp’), I am pleased to quote **\$106,319.00** sales tax included and bond not included, to furnish and install **One (1) thyssenkrupp passenger elevator** at the aforementioned location. This quote is valid for 45 days and is based on plans, specifications – sections X, dated **02.13.2020** – addenda X, clarifications, exceptions and provided durations. Project completion must occur on or before **12.31.2021**, or the labor and material contained in this proposal will be subject to escalation.

Value Engineering Opportunities & Alternates

1. Deduct available if owner signs a 5-year service agreement along with New Equipment Contract
2. Many deducts available upon request

Clarifications to Architectural Plans Dated 02/13/2020 and Specification Section 142400

1. Unless indicated plastic laminate and powder coat are standard selections, other options are subject to price increase
2. Equipment is designed per the latest ASME/ANSI A17.1 code requirements
3. Proposal includes On-Board-Service-Tool for non-proprietary functionality (serviceable by any elevator mechanic)
4. Proposal includes Pit Ladder, Integral Sill Supports and Automatic LED Fan/Light Shutdown
5. Proposal includes **EnduraMRL** - hydraulic machine room-less elevator (**BASIS OF DESIGN**)
6. Proposal includes 5WL rigidized stainless-steel cab walls w/ 4” flat bar handrails on three sides
7. Proposal includes CCTV capabilities and read reader provisions
8. Proposal assumes hoist beam, divider beams and sump pump by others - *TKE covers the pit ladder*
9. Proposal requires front wall of hoistway to be left off at second floor lanings only (7’4” x 8’3” rough opening)
10. Proposal assumes parking for One (1) mechanics truck will be provided onsite
11. Proposal includes #316 stainless steel for all exposed stainless steel surfaces – No 441 stainless steel provided

thyssenkrupp can proceed with preparation of layout drawings for review and approval with receipt of one (1) full set of plans and specifications, a copy of the preliminary schedule and the Subcontract Agreement. If you have any questions or concerns, please contact me at +1 (407)719-4066. We appreciate your consideration.

Regards,

James Marcic | LEED Green Associate

New Equipment Sales Rep

2801 SW 15 Street

Pompano Beach, Florida 33069

T: +1 407-719-4066, e-mail: James.Marcic@thyssenkrupp.com

Schedule of Equipment

Elevator 1



thyssenkrupp Elevator

Units in Estimate	1	Opening Size	4 ft 0 in X 7 ft 0 in
Units in Group	1	Clear Ceiling Height	7 ft., 4 in.
Product	ENDURA	Clear Inside Cab Width	5 ft., 8 in.
Series	Standard	Clear Inside Cab Depth	7 ft., 10 in.
Application	Service	Hoistway Width	7 ft., 4 in.
Loading Class	A	Hoistway Depth	9 ft., 6.5 in.
Capacity	4500 lbs.	Pit Depth	4 ft., 0 in.
Speed	150 FPM	Clear Overhead (to safety beam)	12 ft., 8 in.
Travel	14 ft., 0 in.	Machine Room Location	Adjacent at Lowest Landing
Future Travel	0 ft., 0 in.	Controller	TAC 32
Stops	2 (2 front, 0 rear)	Emergency Power	Standby Operation
Doors	Two-speed, Side-Opening	Jack Type	N/A
Power Supply	480 Volts, 60 Hz	Seismic Equipment	Non-Seismic

Cab

Cab Type	TKS - Painted Steel Shell	Ceiling Finish	Brushed Stainless Steel
Panel Type	N/A	Lighting	LED
Panel or Wall Finish	Rigidized 5WL Stainless Steel	Cab Sill	Aluminum
Cab Base	Brushed Stainless Steel	Handrail Type	4" Flat-Bar
Base Frieze, Reveal	N/A	Handrail Finish	Brushed Stainless Steel
Front Return, Transom	Brushed Stainless Steel	Handrail Location	Rear and Side Walls
Cab Doors	Brushed Stainless Steel	Handrail Row Quantity	One (1)
Canopy	14 ga. cold rolled steel	Protective Pads	One (1) set
Ceiling	Downlight	Cab Finished Floor	By Others (not to exceed 3/8")

Car Fixtures

Type	Vandal Resistant
Finish	Brushed Stainless
Fixtures Included	Swing Return
Car Position Indicator	Car-Riding Lantern

Limited Access Provisions

Type	Card reader provisions in car / CCTV
------	--------------------------------------

New Product Service

Months	Twelve (12)
24-Hour Service Available	Not Included
Overtime Callbacks are	

Hall Fixtures

Type	Vandal Resistant
Finish	Brushed Stainless
Fixtures Included:	No Hall Lanterns
Position Indicators	No Position Indicators
Lobby Panel	No Lobby Panel

Entrances

Doors	2 Brushed Stainless Steel
Frames	2 Brushed Stainless Steel
Sills	2 Aluminum

Included Additional Features: Two Speed Fan, Automatic Fan/Light Shutdown, Fire Service Provisions, Hoistway Access at Top & Bottom Landings, ADA Phone, Non-Proprietary Controller, Solid State Starting, Biodegradable Oil, Pit Ladder,

This proposal is based on the following payment terms:

- FIFTY percent (50%) of the contract price will be due and payable within thirty (30) days from the receipt of the subcontract agreement. This initial progress payment will be applied to project management, permits, engineering and shop drawings, submittals, drilling mobilization (if required) and raw material procurement. Material will be ordered once this payment is received and subcontract is fully ratified.
- An additional twenty-five percent (25%) shall be due and payable when the material has been received at the thyssenkrupp warehouse. Receipt of payment is required prior to mobilization of labor. Progress payments shall be made throughout the life of the project. Should payments lag, we reserve the right to remobilize until such a time that the payments have been brought up to date, and thyssenkrupp has the available manpower
- thyssenkrupp Elevator shall retain exclusive ownership and control over all equipment installed pursuant to this agreement until such time as Purchaser has paid thyssenkrupp Elevator 100% of the full contract amount including change orders. Purchaser agrees to waive any and all claims to the turnover and/or use of that equipment until such time as those amounts are paid in full. Default by Purchaser in payment terms may result in interest on sums due and unpaid at 1.5% per month or at the highest legal rate, and suspension of work until all outstanding balances are paid.

In no event shall thyssenkrupp be responsible for liquidated, consequential, indirect, incidental, exemplary, and special damages.

Change Order/Overtime/additional / expedited work will be performed at the following rates and only after receipt of an executed Change Order

thyssenkrupp is not responsible for verifying field dimensions, or related work by others. All dimensions must be confirmed on submittal drawings.

thyssenkrupp Elevator warrants the equipment installed pursuant to this Agreement against defects in materials and workmanship for a period of one year from the date of Purchaser's execution of thyssenkrupp Elevator's "Final Acceptance" form(s).

All contract documents are subject to review by thyssenkrupp Elevator's legal department, which reserves the right to amend

This proposal is made without regard to compliance with any special purchasing and/or manufacturing requirements including, but not limited to, Buy American, Buy America, U.S. Steel, Far Clauses, MBE, WBE supplier requirements or any similar state or government procurement laws. Should any such requirements be applicable to this project, thyssenkrupp Elevator reserves the right to modify and/or withdraw this proposal.

Note: Rates are subject to change after **12.31.2021**

Scope of Work	Hourly Rate
<u>Mechanic Standard</u>	\$192 per Man Hour
<u>Team Standard</u>	\$287 per Team Hour
<u>Team OT</u>	\$444 per Team Hour

Listed rates are for construction phase only.

Lead Times

Contract ratification (can run concurrently with layout drawing package preparation and approval; allow additional time for amendments to non-thyssenkrupp subcontracts)	2-4 Weeks, Varies
Preparation of layout drawing package (upon receipt of subcontract and plans)	2-4 weeks, Varies
Approval of layout drawing package, by purchaser (additional time required for cab, signal, entrance preparation and approval, if applicable. One revision is included in quoted price; additional charges and additional time will apply for additional revisions)	4 Weeks
Fabrication time (from receipt of all approvals, fully ratified contract, Material Release Form and PP&E payment)	14 Weeks per Elevator

Listed lead times are approximate as of the date of this proposal.

thyssenkrupp will require:

1. Full executed subcontract agreement, including any attached amendments
2. Payment for pre-production and engineering prior to the release of the elevator equipment for fabrication
3. Signed thyssenkrupp Material Release Form
4. Completely approved layout drawing package

Work Not Included

thyssenkrupp shall be provided with uninterrupted access to the elevator hoistway and machine room areas to perform work between regular IUEC working hours of regular working days, Monday thru Friday, statutory holidays excluded.

The Purchaser agrees to provide unobstructed tractor-trailer access and roll-able access from the unloading area to the elevator or escalator hoistways or wellways. The Purchaser agrees to provide a dry and secure area adjacent to the hoistway(s) at the ground level for storage of the elevator equipment and tools within ten (10) business days from receipt at the local thyssenkrupp warehouse. Any warranties provided by thyssenkrupp for elevator equipment will become null and void if equipment is stored in any manner other than a dry, enclosed building structure. Any relocation of the equipment as directed by the Purchaser after initial delivery will be at the customer's expense.

Purchaser will be required to sign off on the Material Release Form, which will indicate the requested delivery date of equipment to the site. If Purchaser is not ready to accept delivery of the equipment within ten (10) business days of the agreed upon date, Purchaser will immediately make payments due for equipment and designate an area adjacent to the elevator shaft where Purchaser will accept delivery. If Purchaser fails to provide this location or an agreeable alternative, thyssenkrupp is authorized to warehouse the equipment at the thyssenkrupp warehouse at Purchaser's risk and expense. Purchaser shall reimburse thyssenkrupp for all costs due to extra handling and warehousing. Storage beyond ten (10) business days will be assessed at a rate of \$100.00 per calendar day for each elevator, which covers storage and insurance of the elevator equipment and is payable prior to delivery.

thyssenkrupp includes one mobilization for installation to the jobsite. A mobilization fee of \$2,500.00 per crew per occurrence will be charged for pulling off the job or for any delays caused by others once material has been delivered and thyssenkrupp work has commenced.

Access for this installation shall be free and clear of any obstructions. A forklift for unloading and staging material shall also be provided at no additional cost.

We have included provisions for one elevator inspection. In the event that the elevator fails inspection due to work of other trades, thyssenkrupp will be compensated by change order prior to scheduling a re-inspection. The cost of each re-inspection shall be \$1,500.00 plus a remobilization fee of \$2,500.00.

thyssenkrupp will be responsible for cleanup of elevator packaging material; however, composite cleanup participation is not included. On-site dumpster provided by others.

Unless required by specification, there are no provisions for "temporary use" of the elevator(s) prior to completion and acceptance of the complete installation. Temporary use shall be agreed to in accordance with the standard thyssenkrupp Temporary Use Agreement. Cost for temporary use of an elevator shall be \$50.00 per calendar day per hydraulic elevator and \$75.00 per calendar day for each traction elevator for rental use only, excluding personnel to operate. All labor and parts, including callbacks required during the rental use period will be billed at local billing rates. In the event that an elevator must be provided for temporary use, thyssenkrupp will require 30 days to perform final adjustments and re-inspection after the elevator has been returned to thyssenkrupp with all protection, intercoms and temporary signage removed. This duration does not include any provisions for finish installation or for repairs of same, which shall be addressed on a project-by-project basis. Cost for preparation of controls for temporary use, refurbishment due to normal wear and tear, readjustment and re-inspection is \$3,500.00 per elevator up to 10 floors. For installations above 10 stops, an additional cost of \$1,500.00 / 10 floors shall apply. These costs are based on work performed during normal working hours. Temporary use excludes vandalism or misuse. Any required signage, communication devices, elevator operators, and protection are not included. All overtime premiums for repairs during the temporary use period will be billed at our local service billing rates.

OSHA compliant removable barricades are to be provided by others prior to installation (thyssenkrupp will replace if removed by thyssenkrupp). Barricades must allow clearance for installation of entrance frames and should be located no less than 24" from the exterior face of the hoistway wall. Prior to beginning installation, entrance protection or netting must be installed in accordance to OSHA 1926.451(h)(1) to prevent any objects from falling down the shaft; please note that installation and netting are by others at no cost to thyssenkrupp. Purchaser agrees to indemnify, defend and hold thyssenkrupp harmless for any OSHA citations received as a result of Purchaser's non-compliance with OSHA standards. For MRL building supported applications and overhead traction applications, an OSHA approved work platform at the top landing served will be required.

thyssenkrupp shall be provided a dry legal hoistway, properly framed and enclosed, and including a pit of proper depth and overhead. This is to include steel safety beam, inspection or access platforms, access doors, sump pump, lights, waterproofing, as required; dewatering of pit(s) and required screening. An OSHA compliant steel safety beam with a minimum capacity verified by structural engineer must be furnished and installed by others 2" below the overhead roof deck as shown on the thyssenkrupp shop drawings prior to elevator installation. Hoist-way shall be square and plumb within 1" from top to bottom of the total hoistway height. If hoistway is outside of this required tolerance, Purchaser shall pay extra for any additional modifications required for a proper installation. Purchaser must provide adequate backing for the elevator guide rails (as shown on the elevator shop drawings). If not, Purchaser will be subject to extra charges due to any additional work required or delay. Provide 75 degree bevel guards on all projections, recesses or setbacks in excess of 4" in accordance with ASME A17.1. thyssenkrupp shall be provided a dry legal hoistway, properly framed and enclosed, and including a pit of proper depth and overhead. This is to include steel safety beam, inspection or access platforms, access doors, sump pump, lights, waterproofing, as required; dewatering of pit(s) and required screening. An OSHA compliant steel safety beam with a minimum capacity verified by structural engineer must be furnished and installed by others 2" below the overhead roof deck as shown on the thyssenkrupp shop drawings prior to elevator installation. Hoist-way shall be square and plumb within 1" from top to bottom of the total hoistway height. If hoistway is outside of this required tolerance, Purchaser shall pay extra for any additional modifications required for a proper installation. Purchaser must provide adequate backing for the elevator guide rails (as shown on the elevator shop drawings). If not, Purchaser will be subject to extra charges due to any additional work required or delay. Provide 75 degree bevel guards on all projections, recesses or setbacks in excess of 4" in accordance with ASME A17.1.



thyssenkrupp shall be provided a legal machine room, adequate for the elevator equipment, including floors, trap doors, gratings, foundations, lighting, ventilation sized per the thyssenkrupp shop drawings. Machine room temperature to be maintained between 50 and 90 degrees Fahrenheit, with relative humidity less than 95% non-condensing.

Maximum wall thickness for elevator doorframe is 12.5". Purchaser must specify this thickness on the layout approvals.

All grouting, fire caulking, cutting and removal of walls and floors, patching, coring, penetrations and painting (except as specified) and removal of obstructions required for elevator work are by others. Proper trenching and backfilling for any underground piping and/or conduit are by others.

Any tube steel and/or rail backing, including embeds and weld plates, that may be required by thyssenkrupp for rail bracket attachment or guide rail support is to be furnished and installed by others flush with the hoistway from pit floor to the top of the overhead to carry the loads of all equipment. Guide rails for traction elevators must attach to steel, CMU or concrete, not wood. Support the full width of the hoistway at each landing for anchoring or welding the thyssenkrupp sill support shall be furnished and installed by others as detailed on the thyssenkrupp layouts. Structural steel doorframes with extensions to beam above if required on hoistway sides and sills for freight elevators, including finish painting these items shall be by others.

Rough openings for the entrances shall be no less than what is delineated on the elevator shop drawings. Purchaser to provide adequate bracing of entrance frames to prevent distortion during wall construction.

Suitable connections from the power main to each controller and signal equipment feeders as required, including necessary circuit breakers and fused mainline disconnect switches per NEC will be supplied by others prior to installation and will have the same characteristics as permanent power. Piping & wiring to controller for mainline power, car lighting, and any other building systems that interface with the elevator controls is by others. (Per N.E.C. Articles 620-22 and 620-51) will also be provided by others. A means to automatically disconnect the main line and the emergency power supply to the elevator prior to the application of water in the elevator machine room will be furnished by others if required. Any required hoistway, machine room, pit lighting and/or 110v service outlets shall be by others. Temporary 220v single phase (50 amps) within 50 feet of each hoistway shall be provided by others.

Purchaser agrees to provide a bonded ground wire, properly sized, from the elevator controller(s) to the primary building ground.

Conduit and wiring for remote panels to the elevator machine room(s) and between panels shall be by others. Remote panels required by local jurisdictions are not included.

Sprinklers, smoke/heat detectors on each floor, machine room and hoistways, shunt trip devices (not self-resetting) and access panels as may be required are to be furnished and installed by others.

Purchaser shall provide a dedicated, analog telephone line monitored 24 hours, as well as normally open dry contacts for smoke/heat sensors, which shall be terminated by others at a properly marked terminal in the elevator controller.

Emergency power supply including automatic time delay transfer switch and auxiliary contacts with wiring to designated elevator controller shall be provided by others. Electrical cross connections between machine rooms for emergency power are to be provided by others.

Should building settling occur which requires elevator rail alignment modifications within the Installation period and New Product Service period, additional charges will apply.

Any governmentally required safety provisions not directly involved for elevator installation shall be provided by others.

The cab floor shall have a 3/8" recess and 50 lb. weight allowance for finish flooring furnished and installed by others.

Conventional Hydraulics Only

Purchaser agrees to provide at no cost a crane to hoist elevator equipment as needed, including hydraulic cylinders to be placed in the ground.

When required, the excavation of the elevator cylinder well hole will be based on drilling through soil free from rock, sand, water, building construction members and obstructions. A 32" x 32" block-out, or as the block-out indicated on thyssenkrupp layouts, in the pit floor shall be provided by the Purchaser. Adequate ingress and egress, including ramping, shall be provided for a truck-mounted drill rig. Removal of all dirt and debris from each hole location shall be by others. Only thyssenkrupp standard HDPE or PVC protection system with bottomless corrugated steel casing will be provided for "in-ground" hydraulic jack assemblies. Should obstructions be encountered, thyssenkrupp will proceed only after written authorization has been received from the Purchaser. The contract price shall be increased by the amount of additional labor at thyssenkrupp's standard hourly rates, and the actual cost of any additional material plus 15%. Any required trenching and backfilling for underground piping or casings, and conduit as well as any compaction, grouting, and waterproofing of block-out shall be work by others. Methane barriers or coordination/access are not included and are to be engineered and installed by others. Access shall be provided at no cost to 2" pressurized water supply within 100'-0" of the jack hole location. Layout is to be by others when excavation of jack hole is from grade.

Purchaser agrees to provide a 4' x 4' opening in the elevator hoistway overhead as required by thyssenkrupp.

Hydraulic Machine Roomless Applications Only

Purchaser agrees to provide full rough opening to accept controller, typically on floor above bottom landing. Purchaser agrees to provide an 8"-12.5" minimum finished wall thickness at controller location. Purchaser agrees to provide all interconnects (building power, fire alarm signals, phone line) to the top of the controller frame.

Purchaser agrees to provide cooling or heating as necessary to maintain 50-95 degree Fahrenheit temperature in hoistway at all times.

Traction Machine Roomless Applications Only

Purchaser agrees to provide at no cost a crane to hoist elevator equipment as needed. For a synergy machine room-less installation, the top of the hoistway shall not be installed until after the hoist machines can be set in place with a crane.

For synergy machine room-less applications, Purchaser shall provide thyssenkrupp installation crew a work platform in the hoistway at the top landing. The platform shall be constructed to the specification provided to the Purchaser by thyssenkrupp.

Beam pockets with bearing plates to support the loads of the overhead machine assembly on synergy machine roomless applications shall be furnished and installed by others per the thyssenkrupp layouts.

The Purchaser will provide a temporary 220 VAC - 30 amps single-phase terminal with disconnect for each traction elevator in the machine room(s) at the start of the job for temporary operation of work platform.

Traditional Traction Elevators Only

Proposal is based on installation of all non-MRL machines on structural slab. If machine beams are required, additional charges will apply and they will be installed bottom of machine beam to top of house steel. We will not cope machine beams. Machine room clearances may need to be modified to comply.

Basement/adjacent traction machines shall be supported by structural foundations with embedded machine bolts as shown on thyssenkrupp layouts. Overhead traction machines shall be supported by structural machine room floors with steel embed plates furnished and installed by others as shown on the thyssenkrupp layouts.

Purchaser agrees to provide at no cost a crane to hoist elevator equipment as needed. For a traditional overhead traction installation, the top of the machine room shall not be installed until after the hoist machines can be set in place with a crane.

The Purchaser will provide a temporary 220 VAC - 30 amps single-phase terminal with disconnect for each traction elevator in the machine room(s) at the start of the job for temporary operation of work platform.



HENSEL PHELPS
Plan. Build. Manage.

SEC. NO.		DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
BUDGET:		Building B - Rev #7 - Elevator				
		ThyssenKrupp Proposal	1	\$SUB	106,319.00	106,319
		Emergency Battery lowering device	1	\$SUB	w/above	w/above
		Subcontractor Bond	1.5%	\$SUB	106,319.00	1,595
		Protection Pads	1	LSUM	1,500.00	1,500
		Temp Operator	3	MNTH	4,903.72	14,711
		Recertification of Elevator	16	HRS	287.00	4,592
		Subtotal Building B - Elevator - Budget breakout				\$128,717



Certified Plumbing - Pollutant Storage - Contractors

CORPORATE OFFICE: 1329 SHOTGUN ROAD • SUNRISE, FL 33326 -1935
BROWARD (954) 423-0000 • DADE (305) 885-8948 • TOLL FREE (800) 921- 9289

CHANGE ORDER

AIA DOCUMENT G701 Worksheet

PROJECT:	Fort Lauderdale Aquatic Center Fort Lauderdale, FL	RWP CHANGE ORDER #:	18012-6
		INITIATION DATE:	3/1/2020
FROM:	Right Way Plumbing Company 1329 Shotgun Road Sunrise, Florida 33326	ARCHITECTS PROJECT NO:	
		CONTRACT DATE:	

We are directed to make the following changes in this Contract:

Changes Based on 100% Submission Drawings

1- To Add Booster Pump at Teaching & Spa Menchanical Location for Dive Tower Water Line.....	\$33,126.52
2- To Add Water Line for and Hose Bibbs for Dive Tower.....	\$7,283.78
3- To Add Bathroom in Building B.....	\$4,491.47
4- To Add Elevator Sump Pump in Building B.....	\$2,726.04
5- To Add 2 Roof Hose Bibbs in Building B.....	\$940.00
6- To Pipe Roof Vent in Building B to Common Location.....	\$1,620.00
7- To Add Trench Drain at Building B.....	\$2,690.00
	\$52,877.81

Bldg B

\$12,467.51

Signature of the Contractor indicated his agreement herewithin, including any adjustment in the Contract Sum or Contract Time.

The Original Contract Sum was	
Net change by previously authorized Change Orders	
The Contract Sum prior to this Change Order was	
The Contract Sum will be increased (decreased) by this Change Order	\$52,877.81
The new Contract Sum including this Change Order will be	
The Contract Time will be increased (decreased) by	N/A
The Date of Substantial Completion as of the date of the Change Order therefore is	N/A

CONTRACTOR:	SUBCONTRACTOR:	OWNER:
Hensel Phelps Constuction Co.	Right Way Plumbing Company 1329 Shotgun Road Sunrise, Florida 33326	

BY	BY	BY
DATE	DATE	DATE

CHANGE ORDER WORKSHEET

Description	Qty	Unit	Materials	
			Cost	Ext Cost

1- To Add Booster Pump at Teaching & Spa Menchanical Location for Dive Tower Water Line

Booster Pump w/ Enclosure	1	EA	#####	\$26,231.14
Misc. Water Pipe Material	1	EA	\$635.00	\$635.00
				\$26,866.14

SUMMARY: 1- To Add Booster Pump at Teaching & Spa Menchanical Location for Dive Tower Water Line

Total Itemized Materials				\$26,866.14
Tax on Materials		7.00 %		\$1,880.63
Excavation	\$70.00	0.00 Hrs		\$0.00
Total-Plumber	\$52.29	16.00 Hrs		\$836.64
Labor - Supervision	\$68.75	1.60 Hrs		\$110.00
Project Manager	\$95.00	0.00 Hrs		\$0.00
SUB-TOTAL				\$29,693.41
Markup		10.00 %		\$2,969.34
			TOTAL	\$32,662.75
Performance & Payment Bond		1.4 %		\$457.28
			TOTAL	\$33,126.52

2- To Add Water Line for and Hose Bibbs for Dive Tower

Hose Bibbs	11	EA	\$50.00	\$550.00
2.00" COPPER TYPE L TUBE	120	FT	\$7.84	\$941.24
2.00" COUPLING CC #600	5	EA	\$5.27	\$26.34
0.75" ADAPTER CXM #604	11	EA	\$1.59	\$17.46
0.75" ELL 90 CC #607	11	EA	\$1.01	\$11.16
2.00" ELL 90 CC #607	8	EA	\$10.48	\$83.82
2.00" TEE R O CCC #611	11	EA	\$14.41	\$158.49
2.00" TUBE STRAP C #624	10	EA	\$0.71	\$7.10
0.75" BALL VALVE 2PC FP S-FP600A-LF	11	EA	\$11.98	\$131.79
2.00" BALL VALVE 2PC FP S-FP600A-LF	1	EA	\$70.72	\$70.72
2.00" HANGER ASSY COP	3	EA	\$8.01	\$24.04
				\$2,022.17

SUMMARY: 2- To Add Water Line for and Hose Bibbs for Dive Tower

Total Itemized Materials				\$2,022.17
Tax on Materials		7.00 %		\$141.55
Core Drilling				\$750.00
Total-Plumber	\$52.29	60.00 Hrs		\$3,137.40
Labor - Supervision	\$68.75	6.00 Hrs		\$412.50
Project Manager	\$95.00	0.00 Hrs		\$0.00
SUB-TOTAL				\$6,463.62
Markup		10.00 %		\$646.36
			TOTAL	\$7,181.81
Performance & Payment Bond		1.4 %		\$100.55
			TOTAL	\$7,283.78

3- To Add Bathroom in Building B

Water Closet	1	EA	\$625.70	\$625.70
Lavatory	1	EA	\$967.38	\$967.38
Floor Drain	1	EA	\$214.68	\$214.68
2.00" PVC SCH-40 PIPE	60	FT	\$0.58	\$34.74
3.00" PVC SCH-40 PIPE	40	FT	\$1.16	\$46.32
2.00" COUPLING PVC 100	2	EA	\$0.46	\$0.93
3.00" COUPLING PVC 100	2	EA	\$1.59	\$3.17

Description	Materials		
	Qty	Unit	Ext Cost
2.00" BEND 1/4 PVC 300	5	EA	\$5.56
2.00" TEE SAN PVC 400	1	EA	\$1.81
2.00" TEE SAN R PVC 401	1	EA	\$41.24
3.00" P-TRAP PVC 706-X	1	EA	\$10.78
2.00" TEST TEE PVC 444-X	2	EA	\$7.27
3.00" CLOSET BRANCH BFF PVC	1	EA	\$43.48
Misc. Water Pipe Material	1	EA	\$275.00
			\$2,288.44

SUMMARY: 3- To Add Bathroom in Building B

Total Itemized Materials			\$2,288.44
Tax on Materials	7.00	%	\$160.19
Excavation	\$70.00	8.00 Hrs	\$560.00
Total-Plumber	\$52.29	24.00 Hrs	\$1,254.96
Labor - Supervision	\$68.75	2.40 Hrs	\$165.00
Project Manager	\$95.00	0.00 Hrs	\$0.00
SUB-TOTAL			\$4,428.59
Markup	0.00	%	\$0.00
		TOTAL	\$4,428.59
Performance & Payment Bond	1.4	%	\$62.00
		TOTAL	\$4,491.47

4- To Add Elevator Sump Pump in Building B

Elevator Sump Pump	1	EA	\$587.25	\$587.25
Misc. Sanitary Material	1	EA	\$225.00	\$225.00
				\$812.25

SUMMARY: 4- To Add Elevator Sump Pump in Building B

Total Itemized Materials			\$812.25
Tax on Materials	7.00	%	\$56.86
Excavation	\$70.00	0.00 Hrs	\$840.00
Total-Plumber	\$52.29	12.00 Hrs	\$627.48
Labor - Supervision	\$68.75	1.20 Hrs	\$82.50
Project Manager	\$95.00	Hrs	\$0.00
SUB-TOTAL			\$2,419.09
Markup	10.00	%	\$241.91
		TOTAL	\$2,687.88
Performance & Payment Bond	1.4	%	\$37.63
		TOTAL	\$2,726.04

5- To Add 2 Roof Hose Bibbs in Building B

Misc. Water Pipe Material	1	EA	\$250.00	\$250.00
Hose Bibbs	2	EA	\$50.00	\$100.00
				\$350.00

SUMMARY: 5- To Add 2 Roof Hose Bibbs in Building B

Total Itemized Materials			\$350.00
Tax on Materials	7.00	%	\$24.50
Permit & Inspection Fees			\$0.00
Total-Plumber	\$52.29	8.00 Hrs	\$418.32
Labor - Supervision	\$68.75	0.80 Hrs	\$55.00
Project Manager	\$95.00	0.00 Hrs	\$0.00
BIM Modeling	\$125.00	0.00 Hrs	\$0.00
SUB-TOTAL			\$847.82
Markup	10.00	%	\$84.78
		TOTAL	\$942.02
Performance & Payment Bond			\$0.00

Description	Materials		
	Qty	Unit	Cost
			Ext Cost
			TOTAL
			\$940.00
6- To Pipe Roof Vent in Building B to Common Location			
Misc. Pipe and Fittings	1	EA	\$475.00
			\$475.00
SUMMARY: 6- To Pipe Roof Vent in Building B to Common Location			
Total Itemized Materials			\$475.00
Tax on Materials	7.00	%	\$33.25
Permit & Inspection Fees			\$0.00
Total-Plumber	\$52.29	16.00 Hrs	\$836.64
Labor - Supervision	\$68.75	1.60 Hrs	\$110.00
Project Manager	\$95.00	0.00 Hrs	\$0.00
BIM Modeling	\$125.00	0.00 Hrs	\$0.00
SUB-TOTAL			\$1,454.89
Markup	10.00	%	\$145.49
			TOTAL
			\$1,616.54
Performance & Payment Bond			\$0.00
			TOTAL
			\$1,620.00
7- To Add Trench Drain at Building B			
Trench Drain	12	FT	\$51.00
Misc. Storm Piping Material	1	EA	\$325.00
			\$937.00
SUMMARY: 7- To Add Trench Drain at Building B			
Total Itemized Materials			\$937.00
Tax on Materials	7.00	%	\$65.59
Permit & Inspection Fees			\$0.00
Total-Plumber	\$52.29	24.00 Hrs	\$1,254.96
Labor - Supervision	\$68.75	2.40 Hrs	\$165.00
Project Manager	\$95.00	0.00 Hrs	\$0.00
BIM Modeling	\$125.00	0.00 Hrs	\$0.00
SUB-TOTAL			\$2,422.55
Markup	10.00	%	\$242.26
			TOTAL
			\$2,691.72
Performance & Payment Bond			\$0.00
			TOTAL
			\$2,690.00



PROPOSED CHANGE ORDER

Hypower, Inc.

5913 NW 31st Ave.
Fort Lauderdale, FL 33309

PCO #	PCO-008r1
Date:	4/23/2020
Project Name:	FL Aquatic Center
Project Number:	400877
Page Number:	1

Client Address:

Hensel Phelps

Contact: Callie Hepler
100 NE 3rd Ave, Suite 440
Fort Lauderdale, FL 33301

Work Description

SCOPE:**E-01 New Fixture Schedule**

Added fixture types
Existing types have new catalog numbers

E-12 Added booster pump at teaching pool

Provide 4 new circuits each with a 30A disconnect to feed the new dive tower feeds

E-21 Add 1 A1E fixture

Add 5 B1 fixtures
Add 1 B1E fixture
Add 8 D fixtures
Add 2 DE fixtures
Add 1 PT fixture
Add 10 SM fixtures
Add 1 X fixture

Delete 2 A1 fixtures
Delete 2 A1E fixtures
Delete 5 B fixtures
Delete 4 BE fixtures
Delete 3 SH fixtures
Delete 8 SG fixtures
Delete 2 SE fixtures

Delete 1 3way switch
Add 1 4way switch
Add 2 Occupancy Sensor switches

E-22 Add 10 D fixtures

Add 3 DE fixtures
Add 30 E fixtures
Add 1 F fixture
Add 86ft of G fixture
Add 84ft of H fixture

ORIGINAL

PROPOSED CHANGE ORDER

Client Address:

Hypower, Inc.

5913 NW 31st Ave.
Fort Lauderdale, FL 33309

Hensel Phelps

Contact: Callie Hepler
100 NE 3rd Ave, Suite 440
Fort Lauderdale, FL 33301

PCO #

Date:

Project Name:

Project Number:

Page Number:

PCO-008r1

4/23/2020

FL Aquatic Center

400877

2

Add 2 SM fixtures

Add 1 X fixture

Add 1 Occupancy Sensor switch

Add 1 3way switch

E-31 Add 5 duplex outlet receps

Add 1 quad outlet recep

Add 3 GFI outlet recep

Add 2 Voice / Data outlet (conduit stub only)

Add 2 new DX unit with 2p switch

Add Electric Hand Dryer

Add motor rated switch for garbage disposal

Relocate EWH Feed

Relocate 4 exhaust fans (no charge)

Add new Elevator

Add convience outlet in pit

Add sump pump circuit and outlet

Add Feed to machineless elevator controller in pit (Please review buildability of this option)

Type J fixture no quote (waiting for pricing)

E-32 Add 3 duplex outlet receps

Add 3 GFI outlet receps

Add 2 CU units

Relocate OAU and CU units to high roof

E-61 Add 20A 1P breaker in P4H

Add 20A 3P breaker in P3H

E-62 Add 15A 3P breaker in C1H

Add 125A 3P breaker in C1H

E-63 Add New C2L panel with circuit breakers

Add Add 2- 20A 1P breakers in C1L

Add 50A 2P breaker in C1L

Add 100A 3P breaker in C1L

Add 2- 20A 1P breakers in P4L

Add 20A GFCI 1P breaker in P4L

FA-11 Add 1 WP Pull Station

Add 3 Horn/Strobe Devices

Add 8 WP Horn/Strobe Devices

Add 1 Strobe Light Device

Add 1 Smoke Detector

Add Elevator Recall relays

Add Shunt Trip breaker and control circuit to panel C1L

ORIGINAL

CAM #20-0487

Exhibit 2

Page 102 of 119

PROPOSED CHANGE ORDER

Client Address:

Hypower, Inc.

5913 NW 31st Ave.
Fort Lauderdale, FL 33309

Hensel Phelps

Contact: Callie Hepler
100 NE 3rd Ave, Suite 440
Fort Lauderdale, FL 33301

PCO #

PCO-008r1

Date:

4/23/2020

Project Name:

FL Aquatic Center

Project Number:

400877

Page Number:

3

EXCLUSIONS:

Overtime

Cutting/Patching

This proposed change order only includes compensation for the direct cost and time impact to perform the work expressly described herein. Hypower, Inc., reserves the right to recover additional time and/or compensation for delay or other impacts for which it has previously given notice or that arise after the date hereon. This paragraph shall control in the event of conflict or inconsistency with any other provision of relevant contract or subcontract documents.

We have the right to revise this proposal for unintended errors and omission.

This PCO is due upon date of receipt.

We request a time extension of 0 days.

See attached documents for your reference.

Itemized Breakdown

Drawing	Material(\$)	Labor Hrs
E12	7,720.55	124.64
E21	3,057.48	152.95
E22	6,525.59	346.14
E31	5,993.85	205.70
E32	3,248.43	132.51
E61	2,723.00	9.39
FA-11	4,859.91	221.59
Total	34,128.81	1,192.92

E12

Description	Qty	Total Mat.	Total Hrs.
3/4" LOCKNUT - STEEL	16	7.77	2.24
1" LOCKNUT BONDING - STEEL	4	40.30	1.08
3/4" BUSHING - PLASTIC	16	5.01	2.24
1" BUSHING - PLASTIC	4	1.98	0.68
3/4" CONDUIT - PVC40	527	212.33	29.51
1" CONDUIT - PVC40	48	30.75	3.12
3/4" ELBOW 90 DEG - PVC40	16	24.33	4.48
1" ELBOW 90 DEG - PVC40	4	9.21	1.24
3/4" COUPLING - PVC	32	13.17	0.00
1" COUPLING - PVC	8	5.00	0.00
3/4" ADAPTER MALE - PVC	16	11.48	3.20
1" ADAPTER MALE - PVC	4	3.85	0.88
#10 THHN BLACK	1,950	837.45	17.06
#10 THHN GREEN	633	271.85	5.54
1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	20	0.64	4.00
24HR 3PST 120V SKIP-DAY ASTRO-DIAL TIME SW	2	1,005.88	5.62
30A 250V DSN SW FUSIBLE - NEMA 4X	5	5,120.00	16.25
30A FUSE 250V TIME DELAY CLASS RK5	15	119.55	0.75
MACHINE TRENCH 3 FT	535	0.00	26.75

ORIGINAL

PROPOSED CHANGE ORDER

Client Address:

Hypower, Inc.

5913 NW 31st Ave.
Fort Lauderdale, FL 33309

Hensel Phelps

Contact: Callie Hepler
100 NE 3rd Ave, Suite 440
Fort Lauderdale, FL 33301

PCO #

Date:

Project Name:

Project Number:

Page Number:

PCO-008r1

4/23/2020

FL Aquatic Center

400877

4

Description	Qty	Total Mat.	Total Hrs.
Totals	3,855	7,720.54	124.64

E21

Description	Qty	Total Mat.	Total Hrs.
3/4" CONDUIT - EMT	360	535.79	22.32
3/4" CONN SS STL - EMT	34	74.05	4.08
3/4" COUPLING SS STL - EMT	39	99.82	2.34
3/4" LOCKNUT - STEEL	14	6.80	1.96
3/4" BUSHING - PLASTIC	14	4.38	1.96
3/4" 1-H STRAP - EMT - STEEL	20	9.45	1.00
1/2 OR 3/4" CONDUIT SNAP CLOSE CLIP W/ 1/4-20 THRD HOLE	24	10.55	0.00
1/2 OR 3/4" CONDUIT+BOX SUPPORT W/ 9/32" MNTG HOLE	13	53.63	0.81
3/4" CONDUIT - PVC40	163	65.67	9.13
3/4" ELBOW 90 DEG - PVC40	14	21.29	3.92
3/4" COUPLING - PVC	28	11.52	0.00
3/4" ADAPTER MALE - PVC	14	10.04	2.80
#12 THHN BLACK	2,825	793.26	21.19
#10 THHN BLACK	798	342.71	6.98
#12 THHN GREEN	417	117.09	3.13
#10 THHN GREEN	160	68.71	1.40
WIRE CONN RED	136	26.33	10.88
4x 1 1/2" SQ BOX COMB KO	17	210.77	5.95
4" SQ BLANK COVER	17	78.38	1.53
1G MSNRY BOX 3 1/2" DEEP	2	59.82	0.80
3G MSNRY BOX 3 1/2" DEEP	0	0.00	0.00
GROUND SCREW W/ INSUL #12 LEAD	19	80.75	1.52
#8 TO #10x 7/8 PLAS ANCHOR (3/16)	28	0.89	5.24
1/4-20 MACHINE SCREW ANCHOR	37	10.82	7.40
1/4" THREADED ROD - PLTD	109	107.76	14.93
1/4-20 HEX NUT - PLTD STL	50	1.57	1.63
#10x 1 P/H SELF-TAP SCREW	28	2.88	1.10
#8x 1/2 WAFER HEAD SELF-TAP STUD SCREW - 12G	26	0.85	1.01
3G TGL SWITCH PLATE - PLASTIC IVY	0	0.00	0.00
15A 120-277V 3/W SW - TOGGLE IVY (SG)	-3	-53.78	-1.31
15A 120-277V 4/W SW - TOGGLE IVY (SG)	3	143.16	1.50
120/277V WALL SWITCH AUTO IVY	2	160.00	1.20
1G DECORATOR PLATE IVY	2	2.52	0.25
MACHINE TRENCH 3 FT	135	0.00	6.75
A1	-2	-0.00	-2.00
A1E	-1	-0.00	-1.15
B	-5	-0.00	-6.25
BE	-4	-0.00	-5.40

ORIGINAL

CAM #20-0487

Exhibit 2

Page 104 of 119

PROPOSED CHANGE ORDER

Client Address:

Hypower, Inc.

5913 NW 31st Ave.
Fort Lauderdale, FL 33309

Hensel Phelps

Contact: Callie Hepler
100 NE 3rd Ave, Suite 440
Fort Lauderdale, FL 33301

PCO #

Date:

Project Name:

Project Number:

Page Number:

PCO-008r1

4/23/2020

FL Aquatic Center

400877

5

Description	Qty	Total Mat.	Total Hrs.
B1	5	0.00	6.25
B1E	2	0.00	2.70
D	8	0.00	12.00
DE	2	0.00	3.20
PT	1	0.00	1.65
SM	10	0.00	18.50
SG	-8	-0.00	-14.80
SH	-3	-0.00	-4.50
SE	-2	-0.00	-2.30
X	1	0.00	1.65
Totals	5,549	3,057.49	152.94

E22

Description	Qty	Total Mat.	Total Hrs.
3/4" CONDUIT - EMT	696	1,035.86	43.15
3/4" CONN SS STL - EMT	116	252.65	13.92
3/4" COUPLING SS STL - EMT	82	209.89	4.92
3/4" 1-H STRAP - EMT - STEEL	85	40.17	4.25
1/2 OR 3/4" CONDUIT SNAP CLOSE CLIP W/ 1/4-20 THRD HOLE	17	7.47	0.00
1/2 OR 3/4" CONDUIT+BOX SUPPORT W/ 9/32" MNTG HOLE	15	61.88	0.94
#12 THHN BLACK	1,702	477.92	12.77
#10 THHN BLACK	1,846	792.78	16.15
#12 THHN GREEN	291	81.71	2.18
#10 THHN GREEN	475	203.99	4.16
WIRE CONN RED	279	54.01	22.32
4x 1 1/2" SQ BOX COMB KO	51	632.30	17.85
4" SQ BLANK COVER	51	235.14	4.59
4 11/16x 2 1/8" SQ BOX 1" KO	2	56.80	0.70
4 11/16" SQ BLANK COVER	2	16.22	0.18
1G MSNRY BOX 3 1/2" DEEP	1	29.91	0.40
3G MSNRY BOX 3 1/2" DEEP	1	67.29	0.45
GROUND SCREW W/ INSUL #12 LEAD	55	233.75	4.40
#8 TO #10x 7/8 PLAS ANCHOR (3/16)	161	5.14	30.11
1/4-20 MACHINE SCREW ANCHOR	32	9.36	6.40
1/4" THREADED ROD - PLTD	97	95.89	13.29
1/4-20 HEX NUT - PLTD STL	47	1.48	1.53
#10x 1 P/H SELF-TAP SCREW	161	16.55	6.34
#8x 1/2 WAFER HEAD SELF-TAP STUD SCREW - 12G	30	0.98	1.16
3G TGL SWITCH PLATE - PLASTIC IVY	1	2.47	0.17
15A 120-277V 3/W SW - TOGGLE IVY (SG)	3	53.78	1.31
120/277V WALL SWITCH AUTO IVY	1	80.00	0.60
1G DECORATOR PLATE IVY	1	1.26	0.13
24HR 3PST 120V SKIP-DAY ASTRO-DIAL TIME SW	1	502.94	2.81
D	10	0.00	15.00
DE	3	0.00	4.80
SM	2	0.00	3.70
X	1	0.00	1.65

ORIGINAL

CAM #20-0487

Exhibit 2

Page 105 of 119

PROPOSED CHANGE ORDER

Client Address:

Hypower, Inc.

5913 NW 31st Ave.
Fort Lauderdale, FL 33309

Hensel Phelps

Contact: Callie Hepler
100 NE 3rd Ave, Suite 440
Fort Lauderdale, FL 33301

PCO #

Date:

Project Name:

Project Number:

Page Number:

PCO-008r1

4/23/2020

FL Aquatic Center

400877

6

Description	Qty	Total Mat.	Total Hrs.
H	84	0.00	15.96
G	86	0.00	15.48
E	30	0.00	67.50
F	1	0.00	1.88
8 Pole Contactor	1	1,266.00	2.98
Totals	6,520	6,525.59	346.13

E31

Description	Qty	Total Mat.	Total Hrs.
1/2" CONDUIT - EMT	290	275.62	16.24
3/4" CONDUIT - EMT	530	788.80	32.86
1" CONDUIT - EMT	55	136.39	3.74
1/2" CONN SS STL - EMT	24	30.19	2.40
3/4" CONN SS STL - EMT	30	65.34	3.60
1" CONN SS STL - EMT	2	7.18	0.30
1/2" COUPLING SS STL - EMT	31	50.11	1.55
3/4" COUPLING SS STL - EMT	62	158.70	3.72
1" COUPLING SS STL - EMT	6	22.91	0.42
1/2" 1-H STRAP - EMT - STEEL	9	2.67	0.45
3/4" 1-H STRAP - EMT - STEEL	2	0.95	0.10
1/2 OR 3/4" CONDUIT SNAP CLOSE CLIP W/ 1/4-20 THRD HOLE	66	29.01	0.00
1" CONDUIT SNAP CLOSE CLIP W/ 1/4-20 THRD HOLE	6	3.44	0.00
1/2 OR 3/4" SNAP CLOSE CLIP - SIDE MNT TO MTL STUD SUPPORT	14	21.22	0.00
1/2 OR 3/4" SNAP CLOSE CLIP ON ANGLE BRKT	10	11.37	0.00
1/2 OR 3/4" CONDUIT+BOX SUPPORT W/ 9/32" MNTG HOLE	12	49.50	0.75
1" CONDUIT+BOX SUPPORT W/ 9/32" MNTG HOLE	1	4.25	0.07
1/2" FLEX - ALUMINUM	10	11.40	0.45
3/4" FLEX - ALUMINUM	10	15.67	0.56
1/2" CONN FLEX DC SQUEEZE STRAIGHT	1	1.30	0.15
3/4" CONN FLEX DC SQUEEZE STRAIGHT	2	4.21	0.34
#12 THHN BLACK	3,582	1,005.83	26.86
#10 THHN BLACK	149	63.99	1.30
# 8 THHN BLACK	218	150.84	2.45
#12 THHN GREEN	839	235.59	6.29
#10 THHN GREEN	111	47.67	0.97
#14 THW BLACK	12	2.29	0.07
1-H CABLE STRAP	3	3.41	0.15
WIRE CONN RED	94	18.20	7.52
WIRE CONN GRY (#14 TO # 8)	3	1.14	0.27
4x 1 1/2" SQ BOX COMB KO	15	185.97	5.25
4x 1 1/2" SQ BOX COMB KO W/ FLUSH MTL STUD BRKT	7	115.83	2.45
4" SQ 1G PLSTR RING 5/8" RISE	4	31.65	0.80
4" SQ 2G PLSTR RING 5/8" RISE	3	31.68	0.60
4" SQ BLANK COVER	12	55.33	1.08
4" SQ 1x TOGGLE SWITCH COVER	3	29.09	0.27
4 11/16x 2 1/8" SQ BOX 1" KO	1	28.40	0.35
4 11/16" SQ BLANK COVER	1	8.11	0.09

ORIGINAL

PROPOSED CHANGE ORDER

Client Address:

Hypower, Inc.

5913 NW 31st Ave.
Fort Lauderdale, FL 33309

Hensel Phelps

Contact: Callie Hepler
100 NE 3rd Ave, Suite 440
Fort Lauderdale, FL 33301

PCO #

Date:

Project Name:

Project Number:

Page Number:

PCO-008r1

4/23/2020

FL Aquatic Center

400877

7

Description	Qty	Total Mat.	Total Hrs.
1 7/8" DEEP HANDY BOX 1/2" KO	1	10.64	0.30
HANDY BOX TGL SW COVER	1	3.98	0.09
1G MSNRY BOX 3 1/2" DEEP	5	149.54	2.00
GROUND SCREW W/ INSUL #12 LEAD	26	110.50	2.08
#8 TO #10x 7/8 PLAS ANCHOR (3/16)	21	0.67	3.93
#10 TO #12x 1 PLAS ANCHOR (1/4)	4	0.12	0.80
1/4-20 MACHINE SCREW ANCHOR	85	24.85	17.00
1/4" THREADED ROD - PLTD	254	251.10	34.80
1/4-20 HEX NUT - PLTD STL	98	3.08	3.19
#8x 1 P/H SELF-TAP SCREW	5	0.46	0.19
#10x 1 P/H SELF-TAP SCREW	25	2.57	0.98
#8x 1/2 WAFER HEAD SELF-TAP STUD SCREW - 12G	26	0.85	1.01
#8x 1/2 WAFER HEAD SHEET MTL SCREW	33	1.59	1.28
1G SINGLE REC PLATE - PLASTIC IVY	1	1.21	0.13
1G DUPLEX REC PLATE - PLASTIC IVY	5	2.93	0.63
2G DUPLEX REC PLATE - PLASTIC IVY	1	1.64	0.15
1G DECORATOR PLATE - PLASTIC IVY	3	3.66	0.38
20A 120-277V S/P SW - TOGGLE IVY (SG)	1	19.24	0.31
20A 120-277V D/P SW - TOGGLE IVY (SG)	2	52.24	0.88
15A 120V S/P SW - TOGGLE IVY (GP) L/ GRD	1	1.38	0.25
20A 125V 3W SGL REC - BRN (SG)	1	18.30	0.38
20A 125V DUP REC - IVY (SG)	7	146.30	2.63
20A 125V DUP REC - GFCI IVY (SG)	3	198.75	1.31
225A 4W-42CCT RCSD BREAKER BPB	1	1,283.00	6.50
#12/2C + GRD MOTOR TERM	1	0.00	0.00
# 8/3C + GRD MOTOR TERM TO 600V	1	0.00	0.00
Totals	6,842	5,993.84	205.67

E32

Description	Qty	Total Mat.	Total Hrs.
3/4" CONDUIT - EMT	573	852.80	35.53
3/4" CONN SS STL - EMT	30	65.34	3.60
3/4" COUPLING SS STL - EMT	73	186.85	4.38
3/4" 1-H STRAP - EMT - STEEL	4	1.89	0.20
1/2 OR 3/4" CONDUIT SNAP CLOSE CLIP W/ 1/4-20 THRD HOLE	53	23.30	0.00
1/2 OR 3/4" CONDUIT+BOX SUPPORT W/ 9/32" MNTG HOLE	9	37.13	0.56
3/4" FLEX - LIQUIDTIGHT METALLIC - GRAY	20	83.40	1.24
3/4" CONN STRAIGHT - LIQUIDTIGHT DIECAST	8	49.72	1.76
#12 THHN BLACK	2,861	803.37	21.46
#10 THHN SOLID BLACK	80	30.64	0.70
#12 THHN GREEN	634	178.03	4.75
#12 THW BLACK	24	7.03	0.18
#18/6C CL2 JKT T-STAT CBL	100	49.57	1.25
WIRE CONN RED	63	12.20	5.04
4x 1 1/2" SQ BOX COMB KO	9	111.58	3.15
4" SQ BLANK COVER	9	41.49	0.81
1G MSNRY BOX 3 1/2" DEEP	6	179.45	2.40

ORIGINAL

PROPOSED CHANGE ORDER

Client Address:

Hypower, Inc.

5913 NW 31st Ave.
Fort Lauderdale, FL 33309

Hensel Phelps

Contact: Callie Hepler
100 NE 3rd Ave, Suite 440
Fort Lauderdale, FL 33301

PCO #

Date:

Project Name:

Project Number:

Page Number:

PCO-008r1

4/23/2020

FL Aquatic Center

400877

8

Description	Qty	Total Mat.	Total Hrs.
GROUND SCREW W/ INSUL #12 LEAD	15	63.75	1.20
1/4-20 MACHINE SCREW ANCHOR	62	18.13	12.40
1/4" THREADED ROD - PLTD	184	181.90	25.21
1/4-20 HEX NUT - PLTD STL	71	2.23	2.31
#10x 3/4 P/H SELF-TAP SCREW	12	1.17	0.47
#8x 1/2 WAFER HEAD SELF-TAP STUD SCREW - 12G	18	0.59	0.70
1G DUPLEX REC PLATE - PLASTIC IVY	3	1.76	0.38
1G DECORATOR PLATE - PLASTIC IVY	3	3.66	0.38
20A 125V DUP REC - IVY (SG)	3	62.70	1.13
20A 125V DUP REC - GFCI IVY (SG)	3	198.75	1.31
#10/3C + GRD EQUIPMENT TERM	2	0.00	0.00
#18 WIRE CONTROL TERM	20	0.00	0.00
Totals	4,952	3,248.41	132.48

E61

Description	Qty	Total Mat.	Total Hrs.
20A 1P BREAKER BOLT-ON	2	100.00	0.86
20A 1P BREAKER BOLT-ON GFCI CLASS A 5mA	3	1,371.00	2.04
20A 3P BREAKER BOLT-ON	1	375.00	0.89
125A 3P BREAKER - NEMA 1	1	877.00	5.60
Totals	7	2,723.00	9.39

FA-11

Description	Qty	Total Mat.	Total Hrs.
1/2" CONDUIT - EMT	80	76.03	4.48
3/4" CONDUIT - EMT	845	1,257.61	52.39
1/2" CONN SS STL - EMT	4	5.03	0.40
3/4" CONN SS STL - EMT	86	187.31	10.32
1/2" COUPLING SS STL - EMT	8	12.93	0.40
3/4" COUPLING SS STL - EMT	125	319.95	7.50
1/2 OR 3/4" CONDUIT SNAP CLOSE CLIP W/ 1/4-20 THRD HOLE	87	38.25	0.00
3/4" CONDUIT SUPPORT FOR ROD OR FLNG	1	0.42	0.06
1/2 OR 3/4" CONDUIT+BOX SUPPORT W/ 9/32" MNTG HOLE	32	132.01	2.00
3/4" FLEX - STEEL	6	8.55	0.37
3/4" CONN FLEX DC SQUEEZE STRAIGHT	2	4.21	0.34
#12 THHN BLACK	1,562	438.61	11.72
#10 THHN BLACK	1,469	630.88	12.85
#12 THHN GREEN	286	80.31	2.15
#10 THHN GREEN	386	165.77	3.38
WIRE CONN RED	105	20.33	8.40
4x 1 1/2" SQ BOX COMB KO	33	409.14	11.55
4" SQ BLANK COVER	32	147.54	2.88
1G MSNRY BOX 3 1/2" DEEP	13	388.81	5.20
GROUND SCREW W/ INSUL #12 LEAD	32	136.00	2.56
1/4-20 MACHINE SCREW ANCHOR	119	34.80	23.80

ORIGINAL

PROPOSED CHANGE ORDER

Client Address:

Hypower, Inc.

5913 NW 31st Ave.
Fort Lauderdale, FL 33309

Hensel Phelps

Contact: Callie Hepler
100 NE 3rd Ave, Suite 440
Fort Lauderdale, FL 33301

PCO #

Date:

Project Name:

Project Number:

Page Number:

PCO-008r1

4/23/2020

FL Aquatic Center

400877

9

Description	Qty	Total Mat.	Total Hrs.
1/4" THREADED ROD - PLTD	355	350.95	48.63
1/4-20 HEX NUT - PLTD STL	151	4.74	4.91
#8x 1/2 WAFER HEAD SELF-TAP STUD SCREW - 12G	64	2.09	2.48
24" SPAN T-BAR HNGR FOR 1 1/2" SQ BOX	1	7.64	0.12
F/A PULL STATION 1-STAGE - ADDRESSABLE	1	0.00	0.63
F/A DETECTOR - IONIZATION SMOKE - ADDRESSABLE	1	0.00	0.25
F/A DETECTOR BASE LOW PROFILE - ADDRESSABLE	1	0.00	0.81
F/A STROBE - WALL MNT	1	0.00	1.00
F/A HORN+STROBE - WALL MNT	11	0.00	0.00
F/A VERIFICATION - PER INITIATING DEVICE	2	0.00	0.00
F/A VERIFICATION - PER SIGNALLING DEVICE	12	0.00	0.00
Totals	5,913	4,859.90	221.58

Summary

General Materials		34,128.78
LIGHTING FIXTURES		30,233.00
Material Tax	(@ 7.000 %)	4,505.32
Material Total		68,867.10
COMPOSITE CREW	(834.98 Hrs @ \$62.50)	52,186.25
FOREMAN	(357.85 Hrs @ \$75.00)	26,838.75
PROJECT MANAGER	(178.92 Hrs @ \$100.00)	17,892.00
VDC/CAD	(119.28 Hrs @ \$65.00)	7,753.20
Subtotal		173,537.30
Overhead	(@ 10.000 %)	17,353.73
Subtotal		190,891.03
Fire Alarm *** Quote needed ***	(\$6,700.00 + 0.000 % + 0.000 % + 0.000 %)	6,700.00
Subtotal		197,591.03
Bond	(@ 1.200 %)	2,371.09
Final Amount		\$199,962.12

CONTRACTOR CERTIFICATION

Name:	_____
Date:	_____
Signature:	_____

I hereby certify that this quotation is complete and accurate based on the information provided.

CLIENT ACCEPTANCE

ORIGINAL

PROPOSED CHANGE ORDER

Hypower, Inc.
5913 NW 31st Ave.
Fort Lauderdale, FL 33309

Client Address:

Hensel Phelps
Contact: Callie Hepler
100 NE 3rd Ave, Suite 440
Fort Lauderdale, FL 33301

PCO #	PCO-008r1
Date:	4/23/2020
Project Name:	FL Aquatic Center
Project Number:	400877
Page Number:	10

PCO #	PCO-008r1
Final Amount:	\$199,962.12
Name:	<div></div>
Date:	<div></div>
Signature:	<div></div>
Change Order #:	<div></div>

I hereby accept this quotation and authorize the contractor to complete the above described work.

Camps, James

From: Juan Justiniano <jjustiniano@cartayaandassociates.com>
Sent: Wednesday, April 15, 2020 3:48 PM
To: Camps, James
Cc: Olson, Cory M.; Mario M. Cartaya; Curry, Kevin M.; Jennings, Greg P.
Subject: RE: 10210.00 FLAC CAs and Budget
Attachments: 20200415_FLAC Extended CA.pdf

Categories: Follow Up On

James,
Please see attachment. I have requested Keith's proposal, but have not received it yet.

Juan Justiniano

Cartaya and Associates Architects, P.A.
2400 E. Commercial Boulevard, Suite 201
Fort Lauderdale, FL 33308
P (954)771-2724 Ext. 4
www.cartayaandassociates.com

From: Camps, James [mailto:JCamps@henselphelps.com]
Sent: Wednesday, April 15, 2020 1:48 PM
To: Juan Justiniano <jjustiniano@cartayaandassociates.com>; Jennings, Greg P. <GJennings@henselphelps.com>
Cc: Olson, Cory M. <cmolson@henselphelps.com>; Mario M. Cartaya <mjcartaya@cartayaandassociates.com>; Curry, Kevin M. <KCurry@henselphelps.com>
Subject: RE: 10210.00 FLAC CAs and Budget

Afternoon Juan,

Any update on the request below?

Best Regards,

James Camps
Project Engineer
Construction Group
501 Seabreeze Blvd
Ft. Lauderdale, FL 33316
754.900.7325 (O)
305.967.3195 (M)
JCamps@henselphelps.com



HENSEL PHELPS
Plan. Build. Manage

Established 1937



ABOUT





CARTAYA &
ASSOCIATES
ARCHITECTS P.A.

April 15, 2020

Cory Olson
Operations Manager
South Florida Office - Hensel Phelps
888 SE 3rd Avenue, Suite 200
Ft. Lauderdale, Florida 33316

RE: Ft. Lauderdale Aquatic Center
Extended Construction Administration - Additional Services Proposal

Cory,

Please accept this Additional Service Proposal to provide you Extended Construction Administration (CA) Services for Architecture for the above referenced project.

Our original Scope of Work for CA per attached A/E Fee Itemization and Proposal dated January 19, 2018 stated (see attachment):

1. Construction is estimated to be fourteen (14) months.
2. Cartaya shall include Construction Administration services including acting as the Design Team coordination first point of contact. Hensel Phelps shall provide all shop drawing and RFI logs, meeting minutes, change order reviews and pay application reviews. For the purposes of the CA fee calculation, Cartaya is estimating an average of 20 hours/week (1,200 project hours) allocated to one Construction Administrator. The Cartaya Construction Administrator shall visit the site every other week.

The Extended Construction Administration from the current date to July 2021 requires an additional request of Forty Four Thousand Dollars (\$44,000.00).

Please note that Consultants' requests for CA are not included in this proposal and are being sent directly to Hensel Phelps.

Should you have any questions, please contact me at your convenience.

Sincerely,

Cost divided into (3) buckets:

- 1.) 27M CA Costs - \$14,667
- 2.) North Observations CA Costs - \$14,667
- 3.) FPL Delay Costs - \$14,667

Juan Justiniano
AIA, AICP, LEED AP BD+C
Vice President
Cartaya and Associates Architects, P.A.

AAC001388

QUALITY
ARCHITECTURE
AND SERVICE
SINCE 1979

2400 E COMMERCIAL BOULEVARD | SUITE 201
FORT LAUDERDALE | FLORIDA | 33308

CAM #20-0487
Exhibit 2
WWW.CARTAYAANDASSOCIATES.COM



**CARTAYA &
ASSOCIATES
ARCHITECTS**

January 19, 2018

**Fort Lauderdale Aquatic Complex
A/E Fee Itemization and Proposal**

Architectural and Engineering Fees: Base Bid								
Company	Discipline	Design Docs	DRC/ Commission Meeting	Const. Docs	Permitting	Bidding	Const. Admin.	Totals
Cartaya and Associates	Architecture	\$122,000.00	\$8,000.00	\$155,000.00	\$10,000.00	\$5,000.00	\$110,000.00	\$410,000.00
Louis Berger	Structural, MEP, Fire Protection Engineering	\$127,000.00	\$1,000.00	\$144,000.00	\$17,000.00	\$6,000.00	\$80,000.00	\$375,000.00
Counsillman Hunsaker	Pool Support Mechanical, Hydrostatic, Structural Engineering	\$170,000.00	\$2,250.00	\$100,000.00	\$13,750.00	\$6,500.00	\$32,500.00	\$325,000.00
Keith and Associates	Civil Engineering, Surveying, SUE, Landscaping	\$15,000.00	\$15,000.00	\$85,000.00	\$17,500.00	\$12,500.00	\$40,000.00	\$185,000.00
Total Base Bid Fees		\$434,000.00	\$26,250.00	\$484,000.00	\$58,250.00	\$30,000.00	\$262,500.00	\$1,295,000.00

Architectural and Engineering Fees: Optional Services Fees								
Company	Discipline	AA#1 Bleacher Shades	AA#2 Locker Bldg. Canopy	AA#3 Locker Room Additions and Renovation	AA#4 Dry Land Enclosure	Topo /Alta Survey	SUE	Construction Layout Survey
Cartaya and Associates	Architecture	\$6,500.00	\$7,500.00	\$32,000.00	\$16,000.00	-	-	-
Louis Berger	Structural, MEP, Fire Protection Engineering	\$5,500.00	\$1,500.00	\$11,500.00	\$2,500.00	-	-	-
Keith and Associates	Civil Engineering, Surveying, SUE, Landscaping	-	-	-	-	\$10,000.00	\$44,500.00	\$50,000.00
Total Optional Services Fees		\$12,000.00	\$9,000.00	\$43,500.00	\$18,500.00	\$10,000.00	\$44,500.00	\$50,000.00

AAC001388

QUALITY
ARCHITECTURE
AND SERVICE
SINCE 1979

2400 E COMMERCIAL BOULEVARD | SUITE 201
FORT LAUDERDALE | FLORIDA | 33308

PHONE: (954) 771-2724
WWW.CARTAYAANDASSOCIATES.COM

CAM #20-0487

Exhibit 2

Page 113 of 119

January 19, 2018

**Fort Lauderdale Aquatic Complex
A/E Fee Itemization and Proposal**



**CARTAYA &
ASSOCIATES
ARCHITECTS**

Reimbursable Expenses Budget Estimate

Company	Items	Design Docs	DRC/ Commission Meeting	Const. Docs	Permitting	Bidding	Const. Admin.	Totals
Cartaya and Assocaites	Plotting, Printing, Courier Deliveries, Renderings	\$3,000.00	\$6,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$9,000.00	\$25,000.00

1. Reimbursable Expenses shall be billed at actual cost plus ten percent (10%)
2. Hensel Phelps shall provide all Permitting, Bidding and Construction Administration plotting and printing. Cartaya will provide rendering prints.
3. Construction is estimated to be fourteen (14) months.
4. Cartaya shall include Construction Administration services including acting as the Design Team coordination first point of contact. Hensel Phelps shall provide all shop drawings and RFI logs, meeting minutes, change order reviews and pay application reviews. For the purposes of the CA fee calculation, Cartaya is estimating an average of 20 hours/week (1,200 project hours) allocated to one Construction Administrator. The Cartaya Construction Administrator shall visit the site every other week.

AAC001388

QUALITY
ARCHITECTURE
AND SERVICE
SINCE 1979

2400 E COMMERCIAL BOULEVARD | SUITE 201
FORT LAUDERDALE | FLORIDA | 33308

PHONE: (954) 771-2724
WWW.CARTAYAANDASSOCIATES.COM

CAM #20-0487
Exhibit 2
Page 114 of 119

Camps, James

From: Curry, Kevin M.
Sent: Wednesday, April 15, 2020 4:12 PM
To: Camps, James
Subject: FW: FLAC - Add Svs Rev1 FPL Delay & CA Ext, 27M, Bldg B & Unforeseen Condit's

Categories: Change Estimate/Cost Change, Follow Up On

Kevin Curry
Project Superintendent
Construction Group
888 SE 3rd Ave
Suite 200
Fort Lauderdale, FL 33316
305.763.2181
kcurry@henselphelps.com



HENSEL PHELPS
Plan. Build. Manage.

Safety Accountability For Everyone



From: Kramer, Milton <milton.kramer@wsp.com>
Sent: Thursday, April 9, 2020 4:56 PM
To: Olson, Cory M. <cmolson@henselphelps.com>
Cc: Jennings, Greg P. <GJennings@henselphelps.com>; Curry, Kevin M. <KCurry@henselphelps.com>; Juan Justiniano <jjustiniano@cartayaandassociates.com>; DeRose, Lawrence <lawrence.derose@wsp.com>
Subject: FLAC - Add Svs Rev1 FPL Delay & CA Ext, 27M, Bldg B & Unforeseen Condit's

[External Email]

Cory,
Here are the revisions we discussed. Pursuant our recent conversations on the additional services funding, we have over run our budget on this project for various reasons illustrated below. We are getting squeezed by our corporate office on explaining how we'll be able to finish the project, providing the necessary services during construction, without the appropriate funding. We have reviewed the extra efforts extended to date as well as those to finish the project, as the project schedule has extended beyond the original by 10 months due to an FPL delay as well as other scope changes. In such we have calculated a lump sum additional service fee of \$199,958. Below is a schedule of hours illustrating the breakdown of this fee along with additional explanations of select items for reference. We look forward to your authorization in order to proceed. We appreciate you accepting this request in email format and will prepare a formal proposal tomorrow.

FPL Delay & Construction Extension, 27M, N Bldg B, & Exist Condit's Rev1

	Draft	Sr Dsnr	Proj Eng	Sr Proj Eng	SR Eng/PM	Sr PM	QC	PM	SubTotal
Description	\$95	\$130	\$150	\$165	\$195	\$295	\$195	\$195	
FPL Delay & CA Extension (10 Months)	58.3	140.3	151.5	108.8	68.4	25.8	46.0	59.9	\$106,066
FPL Hard Costs	12.3	25.8	39.3	23.6	20.2	7.9	10.1	13.9	\$25,243
27M Dive Tower	13.5	31.4	44.9	31.4	25.8	6.7	9.0	16.3	\$29,220
North Building B	9.0	26.9	35.9	26.9	18.0	4.5	6.7	12.8	\$22,814
Unforeseen Existing Conditions	13.5	13.5	9.0	31.4	11.2	4.5	9.0	9.2	\$16,616
							Total		\$199,958

Costs divided up into the 27M and North Observation Deck for any unforeseen that may come about.

- FPL Delay & CA Extension 10 Months:
 - Additional coordination, meetings, RFI's, product submittals, shop drawing reviews, inspections, field conditions coordination, etc.
- FPL Hard Costs
 - Impacts & associated unknowns
 - Extensive coordination and associated redesign for entire site
 - Vault redesign & associated impacts after 100%
- 27M tower:
 - Multiple rounds of foundation design: Preliminary analysis (model by us), Precast Supplier First model, Precast supplier revised model (10M and 24M platforms changes).
 - Remobilizing on design and pile capacities with the geotechnical engineer.
 - The north face of the tower lead to intensive detailing rework of the dive tank interface: steps, curb, gutter and tank wall transition.
 - The above points are exacerbated by the precast designer not on board so we had to anticipate structural implication to guide the architect. This would not have been needed with the precaster engaged sooner.
 - Multiple rounds of constructability adjustments of caps and piling: tank sheetpile section increase, increase in pile installation tolerance from sheet pile, increase of driving clearance from south building.
 - 27M Dive Tower – domestic water system pressure analysis/study and selection of buster pump for the Tower; rearrange and include some civil water pipe into plumbing scope.
 - Extended CA services and schedule associated
- Building B:
 - Multiple rounds of foundation design: Foundation permit was needed at very early stage in design, subsequent advancement of architectural design required revisiting of foundation design.
 - Never-ending gyrations between precast decorative walls, EIFIS or stucco.
 - East canopy addition: Custom design curved reinforced concrete structure and related foundation not in original concept.
 - IT room change and above stair modifications.
 - Extended CA services and schedule associated
 - Canopy between Building A and Building B: Foundation changes to suit revised canopy selection.
 - Removal of entry sculpture.
- Existing conditions conflicts and related design adjustments:
 - Existing pile as-builts not matching records. Separate reviews per area following the construction progress: first, dive tank. Second, building B. Third, west deck. Then partial Grandstand and finally competition pool and east deck.
 - Pile shifts and discrete evaluation of aforementioned conflict. Associated RFIs, Foundation plans changes / coordination with special inspector.

Other Items:

- Building A (grandstand):
 - Research and alternates to steel and aluminum systems, review and guidance on connections, waterproofing to bleacher systems supplier.
 - MEP revisions from initial bid package concept resulted in redesign.
- Review of construction equipment loading and operations on existing structures:
 - Large crane in existing competition pool and existing dive tank.

- Guidance on east deck partial demo stability and construction equipment loading and operation (analysis, site visits, conf calls, meetings and associated RFIs/submittals).
- Teaching Pool Restroom addition – revised sanitary design options & research for flooding issue
- FWC vs City Turtle requirements research due to City & FWC not knowing jurisdiction and now under specific FWC requirements.
- CA: Multiple reviews of a submittal package:
 - Augercast production pilings and related coordination with geotech engineer.

Qualifications:

- The following are not included in the above fee, which may be required, and may be addressed as additional services when/if the need arises:
 - Price reduction alternates and associated design changes/iterations.
 - As-builts
 - Commissioning

Thank you,
Milton Kramer PE, LEED GA
 Electrical Discipline Lead
 Transportation Facilities



Email: milton.kramer@wsp.com
 Phone: +1 954 580 3582

WSP USA
 470 South Andrews Ave, Suite 206
 Pompano Beach, FL 33069

wsp.com

NOTICE: This communication and any attachments ("this message") may contain information which is privileged, confidential, proprietary or otherwise subject to restricted disclosure under applicable law. This message is for the sole use of the intended recipient(s). Any unauthorized use, disclosure, viewing, copying, alteration, dissemination or distribution of, or reliance on, this message is strictly prohibited. If you have received this message in error, or you are not an authorized or intended recipient, please notify the sender immediately by replying to this message, delete this message and all copies from your e-mail system and destroy any printed copies.

-LAEmHhHzdJzBITWfa4Hgs7pbKl

From: Stephen Williams, Sr. [<mailto:SWilliams@keithteam.com>]
Sent: Thursday, April 9, 2020 3:24 PM
To: Juan Justiniano <jjustiniano@cartayaandassociates.com>
Cc: Jamé Wills <jwills@keithteam.com>; Paul Weinberg <pweinberg@keithteam.com>
Subject: FW: 10210.00 FLAC CAs and Budget

Juan,

As discussed these are the Contract Amendments that we have requested. To date I cannot find any record of having received an executed Contract Amendment for any of these.

Contract Addendums	Task	Start Date	Value	
001	Teaching Pool	12/3/2018	\$ 3,000.00	Issued CO to Cartaya
002	Tree Inventory & Appraisal	1/15/2019	\$ 4,800.00	We rounded up to \$15k and divided between the 27M & North
003	Promenade & Walkway North	1/28/2019	\$ 7,500.00	
004	Building Expansion	4/4/2019	\$ 1,500.00	
005	Walkway Expansion	4/4/2019	\$ 3,000.00	Did not carry costs as unsure what this impact is.
006	Drainage New Dive Tower	10/24/2019	\$ 2,000.00	Issued CO to Cartaya
total			\$ 21,800.00	

As far as Construction Observation we initially had estimate 3 months of CA for the Civil and Landscape construction items in our proposal. It appears the construction schedule has expanded. Depending on the current expected construction schedule we would expect to have additional CA services due to the extended construction time.

Please let me know if you have any questions.

Take care,
Steve



Stephen Williams, Sr., PE
Vice President of Civil Engineering
301 East Atlantic Blvd, Pompano Beach
Office: 954.788.3400 | Mobile: 954.804.0417
Email: SWilliams@keithteam.com
www.KEITHteam.com

From: Jamé Wills <jwills@keithteam.com>
Sent: Wednesday, April 8, 2020 3:16 PM
To: Stephen Williams, Sr. <SWilliams@keithteam.com>



THE
STRUCTURE GROUP, LLC
CONCRETE CONSTRUCTION SPECIALISTS

201 SW 2nd Avenue #108, Florida City, FL 33034

Tel. 786- 601- 9313 • TEL. 239-529-3948

CELL: 786-384-2468

LICENSED & INSURED • CGC# 1508518

mparkertsg@gmail.com

Thursday, April 2, 2020

Hansel Phelps

888 SE 3rd Ave #200

Fort Lauderdale, FL 33316

ATT: Greg Jennings, Daniel Pereira, Alex J De Armas,

RE: Fort Lauderdale Aquatic Center

*******REVISED SHELL PROPOSAL*******
*** (EXPIRES IN THIRTY (30) DAYS) ***

SCOPE OF WORK / SHELLWORK ONLY: Revisions to Building B only

- | | |
|---|---|
| 1. New Elevator pit and shaft | 5. Revised Foundation Configuration |
| 2. Two New Concrete stairs | 6. New and Revise Concrete Beams |
| 3. New Concrete Canopy Roofs on Sun Deck | 7. Switch from Cast on Site to Castin Place Roof Deck |
| 4. New Concrete Radius Walls at Various locations | |

INCLUDED ITEMS:

- Layout (after surveyor sets elevations and all building corners).
- Excavation (includes backfilling and fine grading to +/- 1/4", limited to main building structure).
- Rebar package (includes labor and material to place re-bar, wire mesh, visqueen and expansion joints).
- Concrete placement and finishing (includes 2" and 6" pumps as needed).
- Concrete package (includes material for ready mix and/or pump mix as per specifications).
- Form work (includes labor, form material and accessories).
- Install and supply all safety required for our scope
- Rentals (includes scaffolding, cranes, miscellaneous equipment, etc., needed for our scope of work).
- Clean up of our debris only to General Contractor provided dumpster

EXCLUDED ITEMS:

- | | |
|---|-------------------------------|
| • Building pad fill and removal of excess fill. | • Waterproofing and caulking. |
| • Structural steel columns, beams, imbeds, and misc. metals. | • Fireproofing. |
| • Special concrete finishes, colors, stamping, toppings and coatings. | |

PROPOSED ADDED TOTAL COST \$265,162.00

Add for Penetron admixture at Roof decks, Eyebrows and Elevator Pit\$8,200.00
Add for Penetron PENESEAL FH concrete curing compound on horizontal exterior finished concrete surfaces..... \$4,900.00

Subtotal:	\$278,262.00
Bond (5%):	\$ 13,913.10
Grand Total:	\$292,175.10