



To: Glenn Marcos, Chief Procurement Officer
From: Clarence Woods, Beach CRA Manager & Phil Thornburg, Director Parks & Recreation
Date: March 15, 2023
Re: Change Order No. # 16 for Project #P12315

Job Description: Project P12315, Project Aquatic Center Renovation Project
Contractor: Hensel Phelps Construction Co. (Hensel Phelps)
Amount: Total amount of Change Order # 16, \$13,155.00 plus 608 additional days
Funding: P12315.331

The purpose of this Change Order is:

This is an additive change order for the purpose of funding a combination of owner directed scope increases and unforeseen changes. The funding source for these items are a combination of deductive scope reductions, GMP add, owner contingency, and owner allowances related to the 27M Dive Tower, which were included in previously approved Change Orders #5 and #6.

This change order will also authorize the addition of 608 calendar days solely for the purpose of allowing the City and Hensel Phelps to finalize the necessary close out paperwork on the project, including processing this Change Order and the final pay application, which will be reviewed as part of the scheduled cost verification audit.

Hensel Phelps is the design builder for the Aquatic Center Project and is responsible for providing the design and construction for the project. These changes are additional items which are different from what was shown on the design criteria package (DCP) included in the City's bidding documents and which served as the basis upon which Hensel Phelps submitted their contract price.

Hensel Phelps tracks any deviations from the construction drawings or construction budget as a change estimate. Once the estimate backup and price are negotiated and finalized, they are signed by the City's Representative. Per Article 9.2.D.5 of the executed agreement, a zero-dollar change order must be executed to use Contingency dollars. The signed Change Estimates for these items are attached and tracked as follows:

CE #0005 The resizing of the dive pool due to additional steps and revision to the number of lanes. The cost to the City is \$15,168 and is tracked as Change Estimate 0005. This change will be funded via a 50/50 split between Owner and Contractor Contingencies. Per 9.2.D.8 of the executed contract the cost is inclusive of a 6% contractor's fee.





- CE #0006 Revised lighting criteria for the pool deck athletic lighting. The cost is \$30,608 and is tracked as Change Estimate 0006. This will be funded from Owner Contingency. Per 9.2.D.8 of the executed contract the cost is inclusive of a 6% contractor's fee.
- CE #0012 Reimbursement for permit fees paid by Hensel Phelps. The cost is \$5,388 and is tracked as Change Estimate 012R. This will be funded from Owner's Contingency. Per 9.2.D.8 of the executed contract the cost is inclusive of a 6% contractor's fee.
- CE #0027 Authorization of Contractor Contingency usage to fund ongoing construction costs associated with additional scope of work, scope gaps and construction components which fall within Contractor Contingency use from the contractor contingency matrix. This is tracked as Change Estimate 0027.
- CE #0038 An additional overhead door at the storage room. The cost to the City is \$10,252 and is tracked as Change Estimate 0038. This change will be funded from the current Owner Contingency budget. Per 9.2.D.8 of the executed contract the cost is inclusive of a 6% contractor's fee.
- CE #0039 A cost savings related to the reuse of an existing sunshade at the existing teaching pool. The cost savings to the City is \$39,731, and is tracked as Change Estimate 0039. This change results in a 50/50 split credit to both the Owner and Contractor Contingency budgets.
- CE #0041 Authorization of Contractor Contingency usage for the reconciliation of costs associated with the specialties budget/allowance. This is tracked as Change Estimate 0041.
- CE #0042 Authorization of Contractor Contingency usage for the reconciliation of costs associated with the concession's equipment allowances. This is tracked as Change Estimate 0042.
- CE #0043 Custom anchors for the starting blocks at the dive and training pools to make them interchangeable. The cost is \$11,965 and is tracked as Change Estimate 0043. This will be funded from the current Owner Contingency budget and per 9.2.D.8 of the executed contract the cost is inclusive of a 6% contractor's fee.
- CE #0044 Authorization of Contractor Contingency usage for the cost associated with enlarging all the block chase walls at the restrooms in building B. This is tracked as Change Estimate 0044.





- CE #0045 Authorization of Contractor Contingency usage for the cost associated with creating a fire separation wall & door at the pool equipment room located beneath the grandstand. This is tracked as Change Estimate 0045.
- CE #0046 Authorization of contractor contingency usage for the cost associated with the reconciliation of the augercast pile count. This is tracked as Change Estimate 0046.
- CE #0047 Reconciliation of the augercast pile reinforcement & length for the 12" & 14" piles. The cost is \$33,284 and is tracked as Change Estimate 0047. This will be funded from the current Owner Contingency budget and per 9.2.D.8 of the executed contract the cost is inclusive of a 6% contractor's fee.
- CE #0048 Authorization of Contractor Contingency usage for the cost associated with the reconciliation of the augercast pile reinforcement & length for the 18" piles. This is tracked as Change Estimate 0048. This is tracked as Change Estimate 0048.
- CE #0049 Authorization of Contractor Contingency usage for the cost associated with the reconciliation of the sheet piling. This is tracked as Change Estimate 0049.
- CE #0050 Authorization of Contractor Contingency usage for the cost associated with the reconciliation of the tremie seal reinforcement. This is tracked as Change Estimate 0050.
- CE #0051 Authorization of Contractor Contingency usage for the cost associated with the installation of a dedicate disposal well for dewatering. This is tracked as Change Estimate 0051.
- CE #0069 Authorization of Contractor Contingency usage for the cost associated with the addition of a trench drain on the pool deck. This is tracked as Change Estimate 0069.
- CE #0097 Authorization of Contractor Contingency usage to fund the purchase loss on the buyout of work for civil, site fencing, division 10 specialties and bleachers. This is tracked as Change Estimate 0097.
- CE #0108 Authorization of Contractor Contingency usage to fund the purchase loss on the buyout of scopes for the helical piles and third-party consultant to review the exterior shell of the building's constructability. This is tracked as Change Estimate 0108.
- CE #0232 Cost difference between providing a moveable partition wall in lieu of a fixed removable partition wall on the pool deck. The cost is \$8,208 and is tracked as Change Estimate 232.





This will be funded from the Owner Allowance for the 27-Meter Dive Tower at 0% fee (a 5% fee was already applied to the allowance).

- CE #0242 Additional aluminum screen panels for the dive tower. These were required to help close off openings to provide additional security for the users. The cost is \$18,079 and is tracked as Change Estimate 242R. This will be funded from the Owner Allowance for the 27-Meter Dive Tower at 0% fee (a 5% fee was already applied to the allowance).
- CE #0243 Reimbursement for the permit fee costs associated with the illuminated wave sign above the scoreboard. The cost is \$1,169 and is tracked as Change Estimate 243. This will be funded from the Owner Allowance for the 27-Meter Dive Tower at 0% fee (a 5% fee was already applied to the allowance).
- CE #0251 A cost savings on the salt costs carried to maintain the pools. The cost savings to the City is \$4,931 and is tracked as Change Estimate 251. This change results in a credit towards the Owner's Contingency budget.
- CE #0262 Additional aluminum screening and the enclosure of exterior rails as requested by the building department prior to issuance of the Certificate of Occupancy. The cost to the city is \$14,348 and is tracked as Change Estimate 262. This will be funded from a combination of 27-M reserve contingency in the amount of \$1,169.00, and a GMP add of \$13,081.00.
- CE #0263 Authorization of Contractor Contingency usage to fund ongoing construction costs associated with additional scope of work, scope gaps and construction components which fall within contractor contingency use from the contract contingency matrix. This is tracked as Change Estimate 263.
- CE #0267 Spare parts for pool pump. The cost is \$4,931 and is tracked as Change Estimate 267. This will be funded from a combination of Owner's Contingency in the amount of \$4,857.00, and the remaining balance will be a GMP add of \$74.00.
- CE #0275 Authorization of Contractor Contingency usage to fund ongoing construction costs associated with additional scope of work, scope gaps and construction components which fall within contractor contingency use from the contract contingency matrix. This is tracked as Change Estimate 275.
- CE #0277 Additional design fees incurred due to the revised landscape scope due to the International Swimming Hall of Fame project. The cost is \$3,233 and is tracked as Change Estimate 277. Please note that there was a cost savings to the city on the previous





change order, #15 due to the reduction in scope. This will be funded from Owner's Contingency.

CE #0279 Additional Electrical Modifications Made After CO. The cost is \$8,340 and is tracked as Change Estimate 279. This will be funded from Owner Contingency. Per 9.2.D.8 of the executed contract the cost is inclusive of a 6% contractor's fee.

Summary Of Change Estimates and Their Funding Source

CE #	Description	Value	Funding Source
CE 0005	Credit for Resizing of Dive Pool	\$ (15,168.00)	Owner's Contingency
CE 0006	Revised Lighting Criteria	\$ 30,608.00	Owner's Contingency
CE 0012	Permit Fee Reimbursement	\$ 5,388.00	Owner's Contingency
CE 0027	Contractor Contingency Use #1	\$ -	N/A
CE 0038	Additional Overhead Door at Storage Room	\$ 10,252.00	Owner's Contingency
CE 0039	Credit for Reusing Existing Sunshade (Exist. Teaching Pool)	\$ (39,731.00)	Owner's Contingency
CE 0041	Reconcile Specialties Budget/Allowance	\$ 13,181.00	Contractor's Contingency
CE 0042	Reconcile Specialties Budget/Allowance	\$ 1,599.00	Contractor's Contingency
CE 0043	Custom Anchors at Starting Blocks to Make Interchangeable	\$ 11,965.00	Owner's Contingency
CE 0044	Bump Out Due to Enlarged Chase Wall at Restrooms	\$ 16,036.00	Contractor's Contingency
CE 0045	Fire Separation Wall & Door at Pool Equipment Room	\$ 7,348.00	Contractor's Contingency
CE 0046	Reconcile Auger Cast Pile Count	\$ 24,263.00	Contractor's Contingency
CE 0047	Reconcile Auger cast Pile Reinforcement & Length (12" & 14")	\$ 33,284.00	Owner's Contingency
CE 0048	Reconcile Auger cast Pile Reinforcement & Length (18")	\$ 15,646.00	Contractor's Contingency
CE 0049	Reconcile Sheet Piling – Temporary and Permanent	\$ 13,176.00	Contractor's Contingency
CE 0050	Reconcile Tremie Seal Uplift and Permanent Sheets	\$ 101,760.00	Contractor's Contingency
CE 0051	Dedicated Disposal Well	\$ 5,035.00	Contractor's Contingency
CE 0069	Provide pool deck trench drain in lieu of forming concrete deck to drain	\$ 49,639.00	Contractor's Contingency
CE 0097	Fund Purchase Loss on Scopes of Work #1	\$ -	N/A
CE 0108	Fund Purchase Loss on Scopes of Work #2	\$ -	N/A
CE 0232	Delta of Moveable Fence Costs for Pool Deck	\$ 8,208.00	27-M Reserve
CE 0242	Bubble Screening at dive tower and solid panels at 1M springboards	\$ 18,079.00	27-M Reserve
CE 0243	Permitting Fees for Signage Above Scoreboard	\$ 1,169.00	27-M Reserve
CE 0251	Credit for Correction of Salt Costs Carried for Chloroking Equipment	\$ (4,931.00)	Owner's Contingency
CE 0262	Enclosure of FINA Rails that Overlap Into Stairs per CFL Building Department	\$ 14,348.00	\$1,267 from 27-M Reserve \$13,081 from GMP
CE 0263	Contractor Contingency Use #2	\$ -	N/A





CE 0267	Pool Pump Spare Parts	\$ 4,931.00	\$ 4,857.00 from OC \$74.00 from GMP
CE 0275	Contractor Contingency Use #3	\$ -	N/A
CE 0277	Additional Design Fees Incurred for Landscaping Due to ISHOF	\$ 3,233.00	Owner's Contingency
CE 0279	Additional Electrical Modifications Made After CO	\$ 8,340.00	Owner's Contingency

SUMMARY	
FUNDED THROUGH OWNER'S CONTINGENCY	\$ 48,097.00
FUNDED THROUGH 27-M RESERVE	\$ 28,723.00
GMP ADD	\$ 13,155.00

NEW AND EXISTING CONTRACT ITEMS ARE UTILIZED – TOTAL CREDIT (\$384,333.00)

- Item No.1 Owner's contingency account usage
DEDUCT (\$48,097.00)
- Item No.2 27M dive tower reserve account usage
DEDUCT (\$28,723.00)
- Item No.3 Contractor's contingency account usage
DEDUCT (\$247,683.00)
- Item No.4 Resizing of Dive Pool
CE 0005
DEDUCT (\$15,168.00)
- Item No.5 Reusing Existing Sunshade (Exist. Teaching Pool)
CE 0039
DEDUCT (\$39,731.00)
- Item No.6 Correction of Salt Costs Carried for Chloroking Equipment
CE 0251
DEDUCT (\$4,931.00)





NEW AND EXISTING CONTRACT ITEMS ARE UTILIZED – TOTAL ADDITIVE COST \$397,488.00

Item No.1	Revised Lighting Criteria CHANGE ESTIMATE 0006 ADD \$30,608.00
Item No.2	Permit Fee Reimbursement CHANGE ESTIMATE 0012 ADD \$5,388.00
Item No.3	Contractor Contingency Use #1 CHANGE ESTIMATE 0027 ADD \$0.00
Item No.4	Additional Overhead Door at Storage Room CHANGE ESTIMATE 0038 ADD \$10,252.00
Item No.5	Reconcile Specialties Budget/Allowance CHANGE ESTIMATE 0041 ADD \$13,181.00
Item No.6	Reconcile Specialties Budget/Allowance CHANGE ESTIMATE 0042 ADD \$1,599.00
Item No.7	Custom Anchors at Starting Blocks to Make Interchangeable CHANGE ESTIMATE 0043 ADD \$11,965.00
Item No.8	Bump Out Due to Enlarged Chase Wall at Restrooms CHANGE ESTIMATE 0044 ADD \$16,036.00
Item No.9	Fire Separation Wall & Door at Pool Equipment Room CHANGE ESTIMATE 0045 ADD \$7,348.00





- Item No.10 Reconcile Auger Cast Pile Count
CHANGE ESTIMATE 0046
ADD \$24,263.00
- Item No.11 Reconcile Auger Cast Pile Reinforcement & Length (12" & 14")
CHANGE ESTIMATE 0047
ADD \$33,284.00
- Item No.12 Reconcile Auger Cast Pile Reinforcement & Length (18")
CHANGE ESTIMATE 0048
ADD \$15,646.00
- Item No.13 Reconcile Sheet Piling – Temporary and Permanent
CHANGE ESTIMATE 0049
ADD \$13,176.00
- Item No.14 Reconcile Tremie Seal Uplift and Permanent Sheets
CHANGE ESTIMATE 0050
ADD \$101,760.00
- Item No.15 Dedicated Disposal Well
CHANGE ESTIMATE 0051
ADD \$5,035.00
- Item No.16 Provide Pool Deck Trench Drain in Lieu of Forming Concrete Deck to Drain
CHANGE ESTIMATE 0069
ADD \$49,639.00
- Item No.17 Fund Purchase Loss on Scopes of Work #1
CHANGE ESTIMATE 0097
ADD \$0.00
- Item No.18 Fund Purchase Loss on Scopes of Work #2
CHANGE ESTIMATE 0108
ADD \$0.00
- Item No.19 Delta of Moveable Fence Costs for Pool Deck
CHANGE ESTIMATE 0232
ADD \$8,208.00





- Item No.20 Bubble Screening at Dive Tower And Solid Panels at 1M Springboards
CHANGE ESTIMATE 0242
ADD \$18,079.00
- Item No.21 Permitting Fees for Signage Above Scoreboard
CHANGE ESTIMATE 0243
ADD \$1,169.00
- Item No.22 Enclosure of FINA Rails that Overlap Into Stairs per CFL Building Department
CHANGE ESTIMATE 0262
ADD \$14,348.00
- Item No.23 Contractor Contingency Use #2
CHANGE ESTIMATE 0263
ADD \$0.00
- Item No.24 Pool Pump Spare Parts – Owner Directed Scope Increase
CHANGE ESTIMATE 267
ADD \$4,931.00
- Item No.25 Contractor Contingency Use #3
CHANGE ESTIMATE 0263
ADD \$0.00
- Item No.26 Additional Design Fees Incurred for Landscaping Due to ISHOF
CHANGE ESTIMATE 0277
ADD \$3,233.00
- Item No.27 Additional Electrical Modifications Made After CO
CHANGE ESTIMATE 0279
ADD \$8,340.00

NET AMOUNT OF THIS CHANGE ORDER	\$13,155.00
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ADDITIONAL CONTRACT TIME BEING REQUESTED	SIX HUNDRED AND EIGHT (608) CALENDAR DAYS
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THE TOTAL AMOUNT OF THIS CHANGE ORDER	\$13,155.00
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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.

Glenn Marcos, CPPO, CPPB, FCPM, FCPA
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	\$7,889,445.00
COST OF THIS CHANGE ORDER	\$13,155.00
TOTAL:	\$34,897,968.00
ORIGINAL CONTRACT TIME	777 calendar days
TIME ADDED TO DATE	550 calendar days
TIME ADDED TO THIS CHANGE ORDER	608 calendar days
TOTAL:	1935 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	\$413,883.00
5	6/29/2020	North Observation Deck Construction	\$2,769,201.00
6	6/29/2020	27-Meter Dive Tower Construction	\$5,101,060.00
7	8/20/2020	Owner Contingency Budget Transfer	\$0.00
8	10/20/2020	Owner Direct Purchase of 27-M Precast	(\$2,215,233.00)
9	12/03/2020	FPL Delays, Unforeseen Conditions, and Owner Upgrades	\$1,191,727.00
10	2/2/2021	Owner Direct Purchase of Pool Deck Material	(\$179,800.00)
11	3/16/2021	Owner Direct Purchase Additional 27-M Precast	(\$148,337.00)

PARKS AND RECREATION DEPARTMENT

701 S ANDREWS AVENUE, FORT LAUDERDALE, FLORIDA 33316
TELEPHONE (954) 828-PARK (7275)

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12	7/15/2021	Owner Contingency Budget Transfer	\$0.00
13	9/22/2021	Timing and Scoreboard Upgrades and Unforeseen Site Civil	\$114,347.00
14	1/11/2022	Deductive Change Order to Unencumber Funds for Owner Furnished Purchases	(\$74,734.00)
15	4/21/2022	Owner Contingency Budget Transfer	\$0.00

*** Note Change Orders 5 & 6 went to City Commission on 7/7/2020. CAM #20-0516

