

AGENDA
DANIA BEACH CITY COMMISSION
WORKSHOP – PARKS MASTER PLAN FUNDING
THURSDAY, JANUARY 9, 2020 - 2:30 PM

ANY PERSON WHO DECIDES TO APPEAL ANY DECISION MADE WITH REGARD TO ANY MATTER CONSIDERED AT THIS MEETING OR HEARING WILL NEED A RECORD OF THE PROCEEDING, AND FOR SUCH PURPOSE MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDING IS MADE WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED.

LOBBYIST REGISTRATION IS REQUIRED. PRIOR TO ENGAGING IN ANY LOBBYING ACTIVITIES, WHETHER OR NOT COMPENSATION IS PAID OR RECEIVED IN CONNECTION WITH THOSE ACTIVITIES, EACH LOBBYIST SHALL FILE WITH THE CITY CLERK AN ANNUAL REGISTRATION STATEMENT AND PAY AN ANNUAL TWO HUNDRED FIFTY DOLLARS (\$250.00) REGISTRATION FEE FOR EACH PRINCIPAL OR EMPLOYER. REGISTRATION FORMS ARE AVAILABLE ON THE CITY WEBSITE: WWW.DANIABEACHFL.GOV. (ORDINANCE #2012-019; AMENDED BY ORDINANCE #2019-019)

IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT, PERSONS NEEDING ASSISTANCE TO PARTICIPATE IN ANY OF THESE PROCEEDINGS SHOULD CONTACT THE CITY CLERK'S OFFICE, 100 W. DANIA BEACH BOULEVARD, DANIA BEACH, FL 33004, (954) 924-6800 EXTENSION 3624, AT LEAST 48 HOURS PRIOR TO THE MEETING.

IN CONSIDERATION OF OTHERS, WE ASK THAT YOU:

- A. PLEASE TURN CELL PHONES OFF, OR PLACE ON VIBRATE. IF YOU MUST MAKE A CALL, PLEASE STEP OUT INTO THE ATRIUM, IN ORDER NOT TO INTERRUPT THE MEETING.
 - B. IF YOU MUST SPEAK TO SOMEONE IN THE AUDIENCE, PLEASE SPEAK SOFTLY OR GO OUT INTO THE ATRIUM, IN ORDER NOT TO INTERRUPT THE MEETING.
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1. CALL TO ORDER/ROLL CALL

2. ITEMS FOR DISCUSSION

- 1. Parks Master Plan Funding

3. ADJOURNMENT

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Discussion

Continued from:

Requested Action (Identify appropriate Action or Motion)

Parks Master Plan Funding

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

CW Thomas Park Redevelopment Conceptual OOM Estimate 6-24-19, PJ Meli Aquatic Complex Conceptual OOM Estimate 6-24-19, Frost Park Redevelopment Conceptual OOM Estimate 6-24-19, Chester Byrd Park -Budget Costs 11.05



City of Dania Beach, FL

Order of Magnitude Cost Estimate

CW THOMAS PARK REDEVELOPMENT



Estimate Date: June 24, 2019

Prepared By:





Order of Magnitude Cost Estimate

CW THOMAS PARK REDEVELOPMENT

Basis of Estimate

Project Description

RIB U.S. Cost, Inc. was tasked by Bermello Ajamil & Partners, Inc. and the City of Dania Beach to provide an Order of Magnitude Cost Estimate for the Redevelopment of the CW Thomas Park. This project includes the demolition and reconstruction of the existing Community Center and swimming pool. In addition, this project also includes the construction of one football field, a baseball park, a basketball court, kids playgrounds, a new pedestrian walkway and site improvements.

This Order of Magnitude Cost Estimate is based on the conceptual drawings provided by Bermello, Ajamil & Partners dated April 18, 2019.

The Estimate assumes the project will be bid out by public invitation and awarded to a single General Contractor who will supervise and coordinate the required trade contractors (subcontractors) and self-perform a portion of the work. General requirements, coordination, scheduling, QA/QC, safety and other Division 1 requirements will be managed by the General Contractor.

Estimate Methodology

This Order of Magnitude Cost Estimate is based upon a quantity take off of the conceptual drawings for the CW Thomas Park dated April 18, 2019 and prepared by Bermello, Ajamil & Partners, Inc.

Quantities were provided in the project document identified. Additional quantities were obtained from digital plotting software.

The unit costs herein are based on current industry average prices. All unit costs include sub contractor markups.

Estimate Assumptions and Exclusions:

Assumptions

Estimate is based on the scope as shown in the concept drawings provided by Bermello, Ajamil & Partners.

Assumed the project will be constructed as a single project, with minimal phases.

Adequate soil bearing capacity - Assumes Spread footing building foundation (no piles)

Exclusions

Existing access roadway reconstruction, repaving or improvements

Field maintenance cost

Dewatering, if required

Overtime or Shift Work

Field (Baseball & Football) storage building

Hazardous Waste removal and/or disposal including contaminated soil

Design Fees & Design Administration (Construction Administration)

Permitting, Owner's Project Management, Owner's Contingency and other Soft Costs

Estimate Qualifications

This estimate assumes a competitive bid and is an opinion of probable costs based on fair market value, and is not a prediction of the anticipated low bid.

RIB U.S. Cost has no control over the cost of labor and materials, the Prime Contractor's or any Subcontractor's method of determining price or competitive bidding and market conditions. This opinion of probable costs of construction is made on the basis of the experience, qualifications, and best judgment of the Cost Estimator.

RIB U.S. Cost cannot, and does not, guarantee that proposals bid or actual construction costs will not vary from this or subsequent estimates. This estimate in accordance with generally accepted cost estimating and practices and standards.

Contractor Markups

The estimate includes Construction Manager Markups - 18% for General Conditions, Home Office Overhead and Profit, Bond / Insurance.

Escalation

This estimate includes a 3.5% per year project Escalation.



Order of Magnitude Cost Estimate

CW THOMAS PARK REDEVELOPMENT

Basis of Estimate

Direct Cost Development

Project includes 15% for direct cost development. This should be considered a Project Cost that is to be re-evaluated with each subsequent design submittal.

As the project moves through the design process and more information is available, this allowance will be reevaluated and typically reduced. In most cases, the estimated cost of the project rises with each design submittal and the allowance applied is reduced, keeping the total project cost within budget.

The estimate summary includes 10% Owner's Allowance to cover change orders.

Soft Costs

Owner related, Project Soft Costs including Surveying and Testing, Permitting Costs, Project Administration, etc. are not included in this Estimate Report.



Order of Magnitude Cost Estimate

CW THOMAS PARK REDEVELOPMENT

Estimate Summary

Direct Cost of Work		TOTAL
Football Field		\$ 643,384
Basketball Court		\$ 195,408
Site Improvements		\$ 636,576
Site Utilities		\$ 498,000
Site Demolition		\$ 325,715
Sitework		\$ 1,063,644
Direct Cost Development	10%	\$ 336,273
Total Direct Cost CW Thomas Park		\$ 3,698,999
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)	18%	\$ 665,820
Escalation - 3.5% per year	3.5%	\$ 152,769
Total Construction Cost		\$ 4,517,588
Owner's Allowance	10%	\$ 451,759
Total CW Thomas Park - Site Improvements		\$ 4,969,347



Order of Magnitude Cost Estimate

CW THOMAS PARK REDEVELOPMENT

Estimate Summary

Direct Cost of Work			TOTAL
Community Center Building		\$	5,756,758
Community Center Pool & Pool Equipment		\$	836,868
Subtotal Direct Cost Community Center		\$	6,593,626
Direct Cost Development	20%	\$	1,318,725
Total Direct Cost Community Center Bulding		\$	7,912,351
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)	18%	\$	1,424,223
Escalation - 3.5% per year	3.5%	\$	326,780
Total Construction Cost		\$	9,663,355
Owner's Allowance	10%	\$	966,335
Total New Community Center Building & Pool		\$	10,629,690



CW THOMAS PARK REDEVELOPMENT					
	Qty	UOM	UC	Subtotal	Total
CW Thomas Park - Site Improvements					\$4,969,347
Football Field					
Football Field					
Football field grass - assume Bermuda grass	57,960	SF	\$0.50	\$28,980	
Players benches	6	EA	\$1,200.00	\$7,200	
Allowance for football field markings and numbering	1	LS	\$5,000.00	\$5,000	
Earthwork					
Fill material to regrade field - assume 1'	2,147	CY	\$40.00	\$85,880	
Concrete pad for bleachers	1,270	SF	\$8.00	\$10,160	
Furnishings					
Shade structure for bleachers	2	EA	\$10,000.00	\$20,000	
Aluminum bleachers - assume 30' Long, 5 Rows	2	EA	\$7,000.00	\$14,000	
Football goal post w/ foundations	2	EA	\$10,000.00	\$20,000	
Site Utilities					
Allowance for site irrigation system, football field only	57,960	SF	\$0.90	\$52,164	
New football field lighting - assume 60' tall poles	8	EA	\$50,000.00	\$400,000	
Subtotal Direct Cost Football Field	57,960	SF	\$11.10	\$643,384	
Basketball Court					
Basketball Court					
Concrete slab for basketball court	5,790	SF	\$8.00	\$46,320	
Players benches	2	EA	\$1,000.00	\$2,000	
Allowance for painting basketball court	1	LS	\$1,500.00	\$1,500	
Earthwork					
Fill material to regrade court area - assume 1'	214	CY	\$40.00	\$8,560	
Concrete sidewalk - assume 4" thick	3,725	SF	\$8.00	\$29,800	
Concrete pad for bleachers	341	SF	\$8.00	\$2,728	
Furnishings					
Shade structure for bleachers	1	EA	\$10,000.00	\$10,000	
Aluminum bleachers - assume 30' Long, 5 Rows	1	EA	\$7,000.00	\$7,000	
Basketball pole and basket w/ foundations	2	EA	\$2,500.00	\$5,000	
Perimeter fencing around court - assume 8' tall	500	LF	\$45.00	\$22,500	
Site Utilities					
Site lighting - assume 20' tall aluminum light pole	6	EA	\$10,000.00	\$60,000	
Subtotal Direct Cost Basketball Court	5,790	SF	\$33.75	\$195,408	
Site Improvements					
Site Improvements					
Pedestrian Paving					
Exercise Path/Dog Friendly walkway - assume 4" concrete	22,634	SF	\$8.00	\$181,072	
Concrete walkway - assume 4" concrete	15,867	SF	\$8.00	\$126,936	
Signage					
Allowance for Park Signage/Wayfinding	1	ALLOW	\$35,000.00	\$35,000	
Furnishings					
Exercise Area - Assume Fabric Canopy	2,168	SF	\$15.00	\$32,520	
Exercise Area - Rubber Flooring	2,168	SF	\$2.00	\$4,336	
Exercise Area - Equipment Allowance	1	ALLOW	\$50,000.00	\$50,000	
Playground 2-5 yrs - assume fabric canopy	2,168	SF	\$15.00	\$32,520	
Playground 2-5 yrs - Rubber Flooring	2,168	SF	\$2.00	\$4,336	
Playground 2-5 yrs - Equipment Allowance	1	ALLOW	\$35,000.00	\$35,000	
Playground 5-12 yrs - assume fabric canopy	2,168	SF	\$15.00	\$32,520	
Playground 5-12 yrs - Rubber Flooring	2,168	SF	\$2.00	\$4,336	
Playground 5-12 yrs - Equipment Allowance	1	ALLOW	\$35,000.00	\$35,000	
Trash receptacles	16	EA	\$1,700.00	\$27,200	
Benches	16	EA	\$1,500.00	\$24,000	
Aluminum picnic tables 6' long	4	EA	\$1,700.00	\$6,800	
Allowance for bicycle racks	1	ALLOW	\$5,000.00	\$5,000	
Subtotal Direct Cost Site Improvements	1	LS		\$636,576	



CW THOMAS PARK REDEVELOPMENT					
	Qty	UOM	UC	Subtotal	Total
Site Utilities 1 LS					
Water Supply					
Allowance for Domestic Water Distribution	1	ALLOW	\$50,000.00	\$50,000	
Sanitary Sewer					
Sanitary Sewer System - Allowance for Connections to Existing	1	ALLOW	\$20,000.00	\$20,000	
Storm Sewer					
Storm Sewer System - Allowance for Connections to Existing	1	ALLOW	\$20,000.00	\$20,000	
Site Electrical					
Site Electrical Distribution - Allowance	1	ALLOW	\$200,000.00	\$200,000	
New pedestrian walkway lighting - assume 14' tall poles	65	EA	\$3,200.00	\$208,000	
Subtotal Direct Cost Site Utilities				1 LS	\$498,000
Site Demolition 1 LS					
Demo existing walkway	18,450	SF	\$2.00	\$36,900	
Demo basketball court	13,452	SF	\$2.00	\$26,904	
Demo existing baseball/football fencing	1,371	LF	\$5.00	\$6,855	
Demo existing site lighting	10	EA	\$1,500.00	\$15,000	
Tree removal Allowance	1	ALLOW	\$20,000.00	\$20,000	
Demo concrete slab on grade	5,351	SF	\$2.00	\$10,702	
Demo batting cage	1	EA	\$500.00	\$500	
Demo baseball dugouts	2	EA	\$350.00	\$700	
Demo bleachers	5	EA	\$350.00	\$1,750	
Demo existing pool	2,330	SF	\$6.50	\$15,145	
Demo Community Center & accessory buildings	7,575	SF	\$10.00	\$75,750	
Demo Structures	5,201	SF	\$10.00	\$52,010	
Demo pool deck pavers	2,404	SF	\$2.00	\$4,808	
Demo fencing around pool	215	LF	\$5.00	\$1,075	
Demo Existing Baseball/Football Field	115,231	SF	\$0.50	\$57,616	
Subtotal Direct Cost Site Demolition				1 LS	\$325,715
Sitework 1 LS					
Site Preparation					
Site clearing and grubbing	8,843	SY	\$0.95	\$8,401	
Fine grading	8,843	SY	\$1.25	\$11,054	
Site Improvements					
Parking lot (2" thick bituminous, 8" thick limerock, 12" compacted subgrade)	2,697	SY	\$44.50	\$120,012	
Pavement marking, parking stall	63	Space	\$10.00	\$630	
Concrete wheel stop	63	EA	\$90.00	\$5,670	
Allowance for parking lot lighting, assume 36 light poles, 30' tall	18	EA	\$6,100.00	\$109,800	
Allowance for handicap signs and posts (12"x18") and pavement symbol	5	EA	\$350.00	\$1,750	
New Access Roadway	355	SY	\$44.50	\$15,798	
Landscaping					
Topsoil placement and sodding	22,170	SY	\$9.00	\$199,530	
4" - 5" Caliper Live Oaks, 18' tall	197	EA	\$1,500.00	\$295,500	
Sabal Palm Trees 18' Tall	14	EA	\$1,000.00	\$14,000	
Coconut Palm Trees 26' Tall	33	EA	\$3,000.00	\$99,000	
Shrubs/Groundcovers, 18" tall; 18" wide spread; 3 gallons	3,000	EA	\$27.50	\$82,500	
Allowance for landscape irrigation system	1	LS	\$100,000.00	\$100,000	
Subtotal Direct Cost Site Earthwork & Landscaping				1 LS	\$1,063,644
Subtotal Direct Cost CW Thomas Park					\$3,362,727
Direct Cost Development	10.0%			\$336,273	
Total Direct Cost					\$3,699,000
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)	18.0%			\$665,820	
Escalation - 3.5% per year	3.5%			\$152,769	
Total Construction Cost					\$4,517,588
Owner's Allowance	10%			\$451,759	
Total CW Thomas Park - Site Improvements					\$4,969,347



CW THOMAS PARK REDEVELOPMENT					
	Qty	UOM	UC	Subtotal	Total
CW Thomas Park - New Community Center & Pool					\$10,629,690
<i>New Community Center Building - Assume 1 Story Building</i>	24,269	GSF			
<i>Earthwork at Building Site</i>					
Grading, Compaction and Fill at Building Site	24,269	GSF	\$8.00	\$194,152	
Fill material to building - assume 3'	2,697	CY	\$40.00	\$107,862	
<i>Foundations</i>					
Building Foundations	24,269	GSF	\$10.00	\$242,690	
Slab on Grade	24,269	GSF	\$8.00	\$194,152	
<i>Superstructure</i>					
Roof Structure	24,269	GSF	\$25.00	\$606,725	
<i>Exterior Walls</i>					
Exterior Walls	24,269	GSF	\$15.00	\$364,035	
Exterior Windows	24,269	GSF	\$5.00	\$121,345	
<i>Exterior Doors</i>					
Exterior Doors	24,269	GSF	\$7.00	\$169,883	
<i>Roofing</i>					
Roofing System, Incl. Roof Accessories	24,269	GSF	\$12.00	\$291,228	
<i>Interior Construction</i>					
Interior Partitions	24,269	GSF	\$10.00	\$242,690	
Fittings	24,269	GSF	\$8.00	\$194,152	
<i>Interior Finishes</i>					
Lobby	250	GSF	\$20.00	\$5,000	
Office Space (Admin, conf. room, work space)	450	GSF	\$20.00	\$9,000	
Outdoor Restrooms	400	GSF	\$30.00	\$12,000	
Gymnasium (1 H.S. ct. or two 50' x 74' cross ct.)	11,224	GSF	\$20.00	\$224,480	
Gymnasium Storage	600	GSF	\$6.00	\$3,600	
Weight/Cardio Area	1,600	GSF	\$30.00	\$48,000	
Storage	400	GSF	\$6.00	\$2,400	
Restroom/Locker Rooms	1,200	GSF	\$30.00	\$36,000	
Classrooms	2,400	GSF	\$20.00	\$48,000	
Community Room Storage	500	GSF	\$6.00	\$3,000	
Kitchen- Catering	400	GSF	\$30.00	\$12,000	
Youth After-School/Summer Camp Rooms	800	GSF	\$20.00	\$16,000	
Additional Space	4,045	GSF	\$12.00	\$48,540	
<i>Interior Doors</i>					
Interior Doors	24,269	GSF	\$6.00	\$145,614	
<i>Plumbing</i>					
Plumbing System	24,269	GSF	\$10.00	\$242,690	
<i>HVAC</i>					
HVAC Systems	24,269	GSF	\$40.00	\$970,760	
<i>Fire Protection</i>					
Sprinkler Systems	24,269	GSF	\$5.00	\$121,345	
<i>Electrical</i>					
Electrical Systems	24,269	GSF	\$20.00	\$485,380	
<i>Telecommunications, Electronic Safety & Security</i>					
Telecommunications, Electronic Safety & Security	24,269	GSF	\$15.00	\$364,035	
<i>Equipment & Furnishings</i>					
Allowance for Lockers	1	ALLOW	\$20,000.00	\$20,000	
Allowance for Office Type FF&E	1	ALLOW	\$45,000.00	\$45,000	
Allowance for Classroom Type FF&E	1	ALLOW	\$45,000.00	\$45,000	
Allowance for Weight/Cardio Equipment	1	ALLOW	\$70,000.00	\$70,000	
Allowance for Kitchen Equipment	1	ALLOW	\$50,000.00	\$50,000	
<i>Subtotal Direct Cost - New Community Center Building</i>	24,269	GSF	\$237	\$5,756,758	



CW THOMAS PARK REDEVELOPMENT					
	Qty	UOM	UC	Subtotal	Total
Community Center Pool & Pool Equipment	2,800	SF			
Site Improvements					
Concrete pool deck, assume concrete pavers	12,714	SF	\$12.00	\$152,568	
Perimeter fencing around Pool - assume 6' Tall	580	LF	\$50.00	\$29,000	
Pool & Pool Equipment					
Allowance for pool construction	2,734	SF	\$200.00	\$546,800	
Allowance for pool filtration system	1	ALLOW	\$75,000.00	\$75,000	
Allowance for safety pool equipment	1	ALLOW	\$13,500.00	\$13,500	
Allowance for other pool equipment	1	ALLOW	\$20,000.00	\$20,000	
Subtotal Direct Cost - Pool & Pool Equipment	2,800	SF	\$298.88	\$836,868	
Subtotal Direct Cost New Community Center Building & Pool				\$6,593,626	
Direct Cost Development	20%			\$1,318,725	
Total Direct Cost - New Community Center Building & Pool				\$7,912,351	
Total Direct Cost Community Center				\$7,912,351	
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)	18.0%			\$1,424,223	
Escalation - 3.5% per year	3.5%			\$326,780	
Total Construction Cost				\$9,663,355	
Owner's Allowance	10%			\$966,335.45	
Total CW Thomas Park - New Community Center Building & Pool				\$10,629,690	



City of Dania Beach, FL

Order of Magnitude Cost Estimate

PJ MELI PARK AQUATIC COMPLEX



Estimate Date: June 24, 2019

Prepared By:





Order of Magnitude Cost Estimate

PJ MELI PARK AQUATIC COMPLEX

Basis of Estimate

Project Description

RIB U.S. Cost, Inc. was tasked by Bermello Ajamil & Partners, Inc. and the City of Dania Beach to provide an Order of Magnitude Cost Estimate for the Redevelopment of the PJ Meli Park Aquatic Complex. This project includes the demolition and reconstruction of the existing Community Center and swimming pool. In addition, this project also includes the construction of one football field, a baseball park, two basketball courts, two tennis courts, two pickleball courts, two kids playgrounds, a new pedestrian walkway and site improvements.

This Order of Magnitude Cost Estimate is based on the conceptual drawings provided by Bermello, Ajamil & Partners dated April 18, 2019.

The Estimate assumes the project will be bid out by public invitation and awarded to a single General Contractor who will supervise and coordinate the required trade contractors (subcontractors) and self-perform a portion of the work. General requirements, coordination, scheduling, QA/QC, safety and other Division 1 requirements will be managed by the General Contractor.

Estimate Methodology

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The unit costs herein are based on current industry average prices. All unit costs include sub contractor markups.

Estimate Assumptions and Exclusions:

Assumptions

Estimate is based on the scope as shown in the concept drawings provided by Bermello, Ajamil & Partners.

Assumed the project will be constructed as a single project, with minimal phases.

Adequate soil bearing capacity - Assumes Spread footing building foundation (no piles)

Exclusions

Existing access roadway reconstruction, repaving or improvements

Property perimeter fencing and gates

Field maintenance cost

Dewatering, if required

Overtime or Shift Work

Field (Baseball & Football) storage building

Hazardous Waste removal and/or disposal including contaminated soil

Design Fees & Design Administration (Construction Administration)

Permitting, Owner's Project Management, Owner's Contingency and other Soft Costs

Estimate Qualifications

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Order of Magnitude Cost Estimate

PJ MELI PARK AQUATIC COMPLEX

Basis of Estimate

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The estimate summary includes 10% Owner's Allowance to cover change orders.

Soft Costs

Owner related, Project Soft Costs including Surveying and Testing, Permitting Costs, Project Administration, etc. are not included in this Estimate Report.



Order of Magnitude Cost Estimate

PJ MELI PARK AQUATIC COMPLEX

Estimate Summary

Direct Cost of Work			TOTAL
Baseball Fields			\$ 772,668
Football Field			\$ 647,616
Basketball Court			\$ 288,528
Tennis and Pickleball Courts			\$ 293,092
Site Improvements			\$ 760,448
Site Utilities			\$ 558,000
Site Demolition			\$ 321,411
Sitework			\$ 1,416,182
Direct Cost Development	10%	\$	505,794
Total Direct Cost PJ Meli Park Aquatic Complex		\$	5,563,739
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)	18%	\$	1,001,473
Escalation - 3.5% per year	3.5%	\$	229,782
Total Construction Cost		\$	6,794,994
Owner's Allowance	10%	\$	679,499
Total PJ Meli Aquatics Complex - Site Improvements		\$	7,474,493



Order of Magnitude Cost Estimate

PJ MELI PARK AQUATIC COMPLEX

Estimate Summary

Direct Cost of Work			TOTAL
Community Center Building		\$	6,133,096
Community Center Pool & Pool Equipment		\$	850,460
Subtotal Direct Cost Community Center		\$	6,983,556
Direct Cost Development	20%	\$	1,396,711
Total Direct Cost Community Center Building		\$	8,380,267
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)	18%	\$	1,508,448
Escalation - 3.5% per year	3.5%	\$	346,105
Total Construction Cost		\$	10,234,820
Owner's Allowance	10%	\$	1,023,482
Total New Community Center Building & Pool		\$	11,258,302



PJ MELI PARK AQUATIC COMPLEX					
	Qty	UOM	UC	Subtotal	Total
PJ Meli Park Aquatic Complex - Site Improvements					\$7,474,493
Baseball Field 82,280 SF					
Baseball Field					
Baseball field grass - assume Bermuda grass	71,440	SF	\$0.50	\$35,720	
Baseball field infield clay	10,840	SF	\$2.00	\$21,680	
Team dugouts	2	EA	\$8,500.00	\$17,000	
Earthwork					
Fill material to regrade field - assume 1'	3,050	CY	\$40.00	\$122,000	
Concrete pad for bleachers & dugouts	1,364	SF	\$8.00	\$10,912	
Furnishings					
Shade structure for bleachers	2	EA	\$10,000.00	\$20,000	
Aluminum bleachers - assume 30' Long, 5 Rows	2	EA	\$7,000.00	\$14,000	
Scoreboard	1	EA	\$10,000.00	\$10,000	
Fences & Gates					
Allowance for backstop - assume 40' wide, 12' high	1	EA	\$9,600.00	\$9,600	
Perimeter fencing around field - assume 6' Tall	1,130	LF	\$42.00	\$47,460	
Site Utilities					
Allowance for site irrigation system, baseball field only	71,440	SF	\$0.90	\$64,296	
New baseball field lighting - assume 60' tall poles	8	EA	\$50,000.00	\$400,000	
Subtotal Direct Cost Baseball Field					\$772,668
Football Field 57,600 SF					
Football Field					
Football field grass - assume Bermuda grass	57,600	SF	\$0.50	\$28,800	
Players benches	6	EA	\$1,200.00	\$7,200	
Allowance for football field markings and numbering	1	LS	\$5,000.00	\$5,000	
Earthwork					
Fill material to regrade field - assume 1'	2,133	CY	\$40.00	\$85,320	
Concrete pad for bleachers	682	SF	\$8.00	\$5,456	
Furnishings					
Shade structure for bleachers	2	EA	\$10,000.00	\$20,000	
Aluminum bleachers - assume 30' Long, 5 Rows	2	EA	\$7,000.00	\$14,000	
Football goal post w/ foundations	2	EA	\$10,000.00	\$20,000	
Scoreboard	1	EA	\$10,000.00	\$10,000	
Site Utilities					
Allowance for site irrigation system, football field only	57,600	SF	\$0.90	\$51,840	
New football field lighting - assume 60' tall poles	8	EA	\$50,000.00	\$400,000	
Subtotal Direct Cost Football Field					\$647,616
Basketball Court 11,600 SF					
Basketball Court					
Concrete slab for basketball court	11,600	SF	\$8.00	\$92,800	
Players benches	4	EA	\$1,000.00	\$4,000	
Allowance for painting basketball court	1	LS	\$2,500.00	\$2,500	
Earthwork					
Fill material to regrade court area - assume 1'	430	CY	\$40.00	\$17,200	
Perimeter concrete - assume 4" thick	3,725	SF	\$8.00	\$29,800	
Concrete pad for bleachers	341	SF	\$8.00	\$2,728	
Furnishings					
Shade structure for bleachers	1	EA	\$10,000.00	\$10,000	
Aluminum bleachers - assume 30' Long, 5 Rows	1	EA	\$7,000.00	\$7,000	
Basketball pole and basket w/ foundations	4	EA	\$2,500.00	\$10,000	
Perimeter fencing around court - assume 8' tall	500	LF	\$45.00	\$22,500	
Site Utilities					
Site lighting - assume 20' tall aluminum light pole	9	EA	\$10,000.00	\$90,000	
Subtotal Direct Cost Basketball Court					\$288,528



PJ MELI PARK AQUATIC COMPLEX					
	Qty	UOM	UC	Subtotal	Total
Tennis and Pickleball Courts					
	7,376 SF				
Tennis Court					
Asphalt slab for tennis court	5,616	SF	\$4.00	\$22,464	
Players benches	4	EA	\$750.00	\$3,000	
Allowance for painting tennis court	1	LS	\$2,000.00	\$2,000	
Pickleball Court					
Asphalt slab for pickleball court	1,760	SF	\$4.00	\$7,040	
Players benches	4	EA	\$750.00	\$3,000	
Allowance for painting pickleball court	1	LS	\$1,500.00	\$1,500	
Earthwork					
Fill material to regrade court areas - assume 1'	280	CY	\$40.00	\$11,200	
Concrete sidewalk - assume 4" thick	14,870	SF	\$8.00	\$118,960	
Concrete pad for bleachers	341	SF	\$8.00	\$2,728	
Furnishings					
Shade structure for bleachers	1	EA	\$10,000.00	\$10,000	
Double-braided center net	4	EA	\$1,000.00	\$4,000	
Fences & Gates					
Allowance for fencing around courts - assume 12' tall	640	LF	\$42.50	\$27,200	
Site Utilities					
Site lighting - assume 20' tall aluminum light pole	8	EA	\$10,000.00	\$80,000	
Subtotal Direct Cost Tennis and Pickleball Courts					
	7,376	SF	\$39.74	\$293,092	
Site Improvements					
	1 LS				
Pedestrian Paving					
Exercise Path/Dog Friendly walkway - assume 4" concrete	22,060	SF	\$8.00	\$176,480	
Signage					
Allowance for Park Signage/Wayfinding	1	ALLOW	\$35,000.00	\$35,000	
Furnishings					
Exercise area - assume fabric canopy	1,944	SF	\$15.00	\$29,160	
Exercise area - rubber flooring	1,944	SF	\$2.00	\$3,888	
Exercise area equipment set	11	EA	\$4,500.00	\$49,500	
Playground 2-5 yrs. - assume fabric canopy	2,830	SF	\$15.00	\$42,450	
Playground 2-5 yrs. - Rubber Flooring	2,830	SF	\$2.00	\$5,660	
Playground 2-5 yrs. - Equipment Allowance	1	ALLOW	\$35,000.00	\$35,000	
Playground 5-12 yrs. - assume fabric canopy	2,830	SF	\$15.00	\$42,450	
Playground 5-12 yrs. - Rubber Flooring	2,830	SF	\$2.00	\$5,660	
Playground 5-12 yrs. - Equipment Allowance	1	ALLOW	\$35,000.00	\$35,000	
New picnic shelters - assume metal pre-fab	2	EA	\$2,600.00	\$5,200	
Trash receptacles	16	EA	\$1,700.00	\$27,200	
Benches	16	EA	\$1,500.00	\$24,000	
Aluminum picnic tables 6' long	4	EA	\$1,700.00	\$6,800	
Allowance for bicycle racks	1	ALLOW	\$5,000.00	\$5,000	
Other site improvements					
Restrooms	1,160	SF	\$200.00	\$232,000	
Subtotal Direct Cost Site Improvements					
	1	LS		\$760,448	
Site Utilities					
	1 LS				
Water Supply					
Allowance for Domestic Water Distribution	1	ALLOW	\$50,000.00	\$50,000	
Sanitary Sewer					
Sanitary Sewer System - Allowance for Connections to Existing	1	ALLOW	\$30,000.00	\$30,000	
Storm Sewer					
Storm Sewer System - Allowance for Connections to Existing	1	ALLOW	\$70,000.00	\$70,000	
Site Electrical					
Site Electrical Distribution - Allowance	1	ALLOW	\$200,000.00	\$200,000	
New pedestrian walkway lighting - assume 14' tall poles	65	EA	\$3,200.00	\$208,000	
Subtotal Direct Cost Site Utilities					
	1	LS		\$558,000	



PJ MELI PARK AQUATIC COMPLEX					
	Qty	UOM	UC	Subtotal	Total
Site Demolition					
		1 LS			
Demo existing walkway	8,155	SF	\$2.00	\$16,310	
Demo basketball court	1,210	SF	\$2.00	\$2,420	
Demo existing baseball fencing	1,954	LF	\$5.00	\$9,770	
Demo existing site lighting	30	EA	\$1,500.00	\$45,000	
Demo tennis court	2,750	SF	\$2.00	\$5,500	
Demo racquetball court	1,370	SF	\$2.25	\$3,083	
Demo existing fencing around tennis and racquetball courts	530	LF	\$6.00	\$3,180	
Tree removal	130	EA	\$350.00	\$45,500	
Demo existing picnic area fencing	940	LF	\$5.00	\$4,700	
Demo concrete slab on grade	7,580	SF	\$2.00	\$15,160	
Demo existing gazebos	2	EA	\$500.00	\$1,000	
Demo asphalt pavement	2,276	SY	\$8.50	\$19,346	
Demo batting cage	1	EA	\$500.00	\$500	
Demo baseball bleachers	4	EA	\$350.00	\$1,400	
Demo baseball dugouts	4	EA	\$350.00	\$1,400	
Demo existing pool	6,570	SF	\$6.50	\$42,705	
Demo Community Center & accessory buildings	7,290	SF	\$10.00	\$72,900	
Demo pool deck pavers	7,990	SF	\$2.00	\$15,980	
Cold mill existing parking - assume 2" deep	4,244	SY	\$3.00	\$12,732	
Demo fencing around pool	565	LF	\$5.00	\$2,825	
Subtotal Direct Cost Site Demolition			1 LS	\$321,411	
Sitework					
		1 LS			
Site Preparation					
Site clearing and grubbing	58,940	SY	\$0.95	\$55,993	
Fine grading	58,940	SY	\$1.25	\$73,675	
Site Improvements					
Parking lot (2" thick bituminous, 8" thick limerock, 12" compacted subgrade)	5,210	SY	\$44.50	\$231,845	
2" asphalt overlay over existing parking lot	4,244	SY	\$8.00	\$33,952	
Pavement marking, parking stall	221	Space	\$10.00	\$2,210	
Concrete wheel stop	221	EA	\$90.00	\$19,890	
Allowance for parking lot lighting, assume 36 light poles, 30' tall	36	EA	\$6,100.00	\$219,600	
Allowance for handicap signs and posts (12"x18") and pavement symbol	14	EA	\$350.00	\$4,900	
Landscaping					
Topsail placement and sodding	22,170	SY	\$9.00	\$199,530	
4" - 5" Caliper Live Oaks, 18' tall	197	EA	\$1,500.00	\$295,500	
Sabal Palm Trees 18' Tall	14	EA	\$1,000.00	\$14,000	
Coconut Palm Trees 26' Tall	33	EA	\$3,000.00	\$99,000	
Shrubs/Groundcovers, 18" tall; 18" wide spread; 3 gallons	3,000	EA	\$27.50	\$82,500	
Allowance for landscape irrigation system	199,400	SF	\$0.70	\$139,580	
Subtotal Direct Cost Site Earthwork & Landscaping			1 LS	\$1,416,182	
Subtotal Direct Cost PJ Meli Park Aquatic Complex				\$5,057,945	
Direct Cost Development	10.0%			\$505,794	
Total Direct Cost				\$5,563,739	
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)	18.0%			\$1,001,473	
Escalation - 3.5% per year	3.5%			\$229,782	
Total Construction Cost				\$6,794,994	
Owner's Allowance	10%			\$679,499	
Total PJ Meli Park Aquatic Complex - Site Improvements				\$7,474,493	



PJ MELI PARK AQUATIC COMPLEX					
	Qty	UOM	UC	Subtotal	Total
PJ Meli Park Aquatic Complex - New Community Center & Pool					
New Community Center Building					
25,949 GSF					
Earthwork at Building Site					
Grading and Compaction at Building Site	25,949	GSF	\$8.00	\$207,592	
Fill material below building - assume 3'	2,883	CY	\$40.00	\$115,320	
Foundations					
Building Foundations	25,949	GSF	\$10.00	\$259,490	
Slab on Grade	25,949	GSF	\$8.00	\$207,592	
Superstructure					
Roof Structure	25,949	GSF	\$25.00	\$648,725	
Exterior Walls					
Exterior Walls	25,949	GSF	\$15.00	\$389,235	
Exterior Windows	25,949	GSF	\$5.00	\$129,745	
Exterior Doors					
Exterior Doors	25,949	GSF	\$7.00	\$181,643	
Roofing					
Roofing System, Incl. Roof Accessories	25,949	GSF	\$12.00	\$311,388	
Interior Construction					
Interior Partitions	25,949	GSF	\$10.00	\$259,490	
Fittings	25,949	GSF	\$8.00	\$207,592	
Interior Finishes					
Lobby	250	GSF	\$20.00	\$5,000	
Office Space (Admin, conf. room, work space)	450	GSF	\$20.00	\$9,000	
Outdoor Restrooms	400	GSF	\$30.00	\$12,000	
Gymnasium (1 H.S. ct. or two 50' x 74' cross ct.)	11,224	GSF	\$20.00	\$224,480	
Gymnasium Storage	600	GSF	\$6.00	\$3,600	
Weight/Cardio Area	1,600	GSF	\$30.00	\$48,000	
Storage	600	GSF	\$6.00	\$3,600	
Restroom/Locker Rooms	1,200	GSF	\$30.00	\$36,000	
Classrooms	2,400	GSF	\$20.00	\$48,000	
Community Room Storage	500	GSF	\$6.00	\$3,000	
Kitchen- Catering	400	GSF	\$30.00	\$12,000	
Youth After-School/Summer Camp Rooms	800	GSF	\$20.00	\$16,000	
Youth Area Storage	600	GSF	\$6.00	\$3,600	
Youth Area Restrooms	600	GSF	\$30.00	\$18,000	
Additional Space	4,325	GSF	\$12.00	\$51,900	
Interior Doors					
Interior Doors	25,949	GSF	\$6.00	\$155,694	
Plumbing					
Plumbing System	25,949	GSF	\$10.00	\$259,490	
HVAC					
HVAC Systems	25,949	GSF	\$40.00	\$1,037,960	
Fire Protection					
Sprinkler Systems	25,949	GSF	\$5.00	\$129,745	
Electrical					
Electrical Systems	25,949	GSF	\$20.00	\$518,980	
Telecommunications, Electronic Safety & Security					
Telecommunications, Electronic Safety & Security	25,949	GSF	\$15.00	\$389,235	
Equipment & Furnishings					
Allowance for Lockers	1	ALLOW	\$20,000.00	\$20,000	
Allowance for Office Type FF&E	1	ALLOW	\$45,000.00	\$45,000	
Allowance for Classroom Type FF&E	1	ALLOW	\$45,000.00	\$45,000	
Allowance for Weight/Cardio Equipment	1	ALLOW	\$70,000.00	\$70,000	
Allowance for Kitchen Equipment	1	ALLOW	\$50,000.00	\$50,000	
Subtotal Direct Cost - New Community Center Building					
	25,949	GSF	\$236	\$6,133,096	



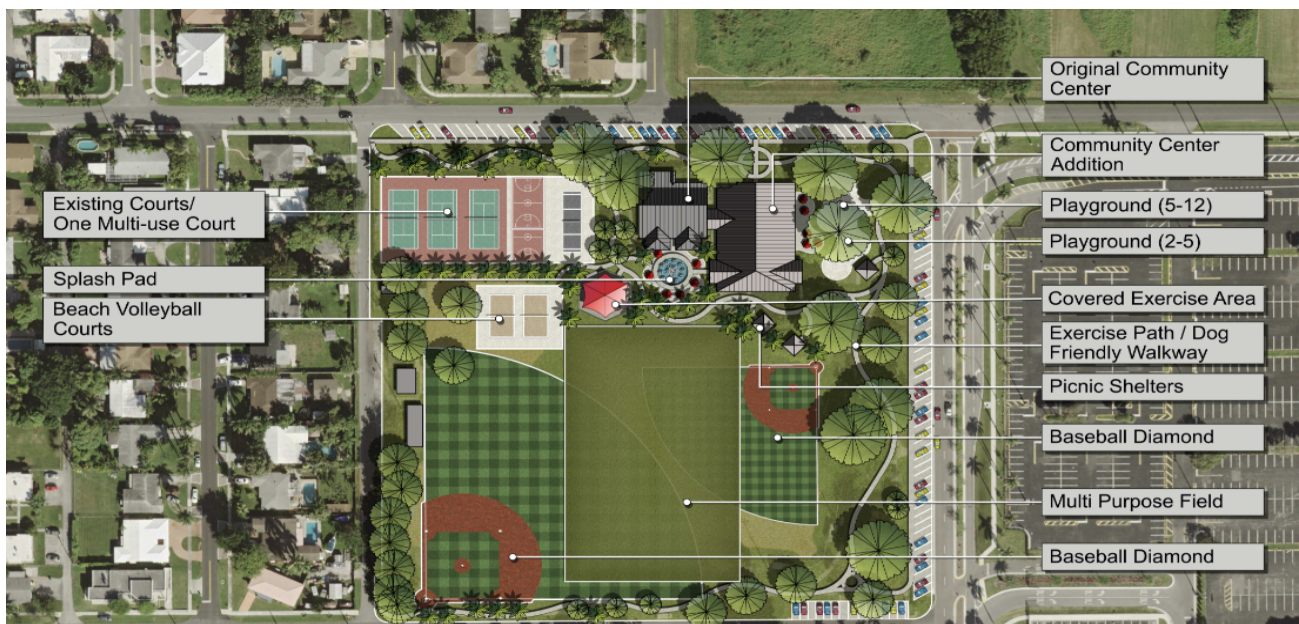
PJ MELI PARK AQUATIC COMPLEX					
	Qty	UOM	UC	Subtotal	Total
Community Center Pool & Pool Equipment	2,800	SF			
Site Improvements					
Concrete pool deck, assume concrete pavers	13,080	SF	\$12.00	\$156,960	
Perimeter fencing around Pool - assume 6' Tall	500	SF	\$50.00	\$25,000	
Pool & Pool Equipment					
Allowance for pool construction	2,800	SF	\$200.00	\$560,000	
Allowance for pool filtration system	1	ALLOW	\$75,000.00	\$75,000	
Allowance for safety pool equipment	1	ALLOW	\$13,500.00	\$13,500	
Allowance for other pool equipment	1	ALLOW	\$20,000.00	\$20,000	
Subtotal Direct Cost - Pool & Pool Equipment	2,800	SF	\$303.74	\$850,460	
Subtotal Direct Cost New Community Center Building & Pool				\$6,983,556	
Direct Cost Development		20%		\$1,396,711	
Total Direct Cost - New Community Center Building & Pool				\$8,380,267	
Total Direct Cost Community Center				\$8,380,267	
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)		18.0%		\$1,508,448	
Escalation - 3.5% per year		3.5%		\$346,105	
Total Construction Cost				\$10,234,820	
Owner's Allowance		10%		\$1,023,482.01	
Total PJ Meli Park Aquatic Complex - New Community Center Building & Pool				\$11,258,302	



City of Dania Beach, FL

Order of Magnitude Cost Estimate

FROST PARK REDEVELOPMENT



Estimate Date: June 24, 2019

Prepared By:





Order of Magnitude Cost Estimate

FROST PARK REDEVELOPMENT

Basis of Estimate

Project Description

RIB U.S. Cost, Inc. was tasked by Bermello Ajamil & Partners, Inc. and the City of Dania Beach to provide an Order of Magnitude Cost Estimate for the Redevelopment of Frost Park. This project includes the renovation of the existing Community Center and the construction of an addition to the building. The project also includes two new Baseball Fields, Beach Volleyball Courts, Splash Pad, Kids Playground, New Pedestrian Walkway and Site Improvements.

This Order of Magnitude Cost Estimate is based on the conceptual drawings provided by Bermello, Ajamil & Partners dated April 18, 2019.

The Estimate assumes the project will be bid out by public invitation and awarded to a single General Contractor who will supervise and coordinate the required trade contractors (subcontractors) and self- perform a portion of the work. General requirements, coordination, scheduling, QA/QC, safety and other Division 1 requirements will be managed by the General Contractor.

Estimate Methodology

This Order of Magnitude Cost Estimate is based upon a quantity take off of the conceptual drawings for the Frost Park Redevelopment dated April 18, 2019 and prepared by Bermello, Ajamil & Partners, Inc.

Quantities were provided in the project document identified. Additional quantities were obtained from digital plotting software.

The unit costs herein are based on current industry average prices. All unit costs include sub contractor markups.

Estimate Assumptions and Exclusions:

Assumptions

Estimate is based on the scope as shown in the concept drawings provided by Bermello, Ajamil & Partners.

Assumed the project will be constructed as a single project, with minimal phases.

Adequate soil bearing capacity - Assumes Spread footing building foundation (no piles)

Exclusions

Existing roadway reconstruction, repaving or improvements

Perimeter fencing and gates

Field maintenance cost

Dewatering, if required

Overtime or Shift Work

Hazardous Waste removal and/or disposal including contaminated soil

Design Fees & Design Administration (Construction Administration)

Permitting, Owner's Project Management, Owner's Contingency and other Soft Costs

Estimate Qualifications

This estimate assumes a competitive bid and is an opinion of probable costs based on fair market value, and is not a prediction of the anticipated low bid.

RIB U.S. Cost has no control over the cost of labor and materials, the Prime Contractor's or any Subcontractor's method of determining price or competitive bidding and market conditions. This opinion of probable costs of construction is made on the basis of the experience, qualifications, and best judgment of the Cost Estimator.

RIB U.S. Cost cannot, and does not, guarantee that proposals bid or actual construction costs will not vary from this or subsequent estimates. This estimate in accordance with generally accepted cost estimating and practices and standards.

Contractor Markups

The estimate includes Construction Manager Markups - 18% for General Conditions, Home Office Overhead and Profit, Bond / Insurance.

Escalation

This estimate includes a 3.5% per year project Escalation.



Order of Magnitude Cost Estimate

FROST PARK REDEVELOPMENT

Basis of Estimate

Direct Cost Development

Project includes 20% for direct cost development. This should be considered a Project Cost that is to be re-evaluated with each subsequent design submittal.

As the project moves through the design process and more information is available, this allowance will be reevaluated and typically reduced. In most cases, the estimated cost of the project rises with each design submittal and the allowance applied is reduced, keeping the total project cost within budget.

The estimate summary includes 10% construction project contingency to cover change orders.

Soft Costs

Owner related, Project Soft Costs including Surveying and Testing, Permitting Costs, Project Administration, etc. are not included in this Estimate Report.



Order of Magnitude Cost Estimate

FROST PARK REDEVELOPMENT

Estimate Summary

Direct Cost of Work			TOTAL
Baseball Fields			\$ 757,349
Site Improvements			\$ 982,491
Site Utilities			\$ 389,500
Site Demolition			\$ 184,790
Site Landscaping			\$ 258,750
Subtotal Direct Cost Frost Park			\$ 2,572,880
Direct Cost Development	10%	\$	257,288
Total Direct Cost Frost Park		\$	2,830,168
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)	18%	\$	509,430
Escalation - 3.5% per year	3.5%	\$	116,886
Total Construction Cost		\$	3,456,484
Owner's Allowance	10%	\$	345,648
Total Frost Park Redevelopment		\$	3,802,131



Order of Magnitude Cost Estimate

FROST PARK REDEVELOPMENT

Estimate Summary

Direct Cost of Work			TOTAL
Community Center Addition Building - Assume 2 Stories		\$	3,247,400
Community Center Renovation		\$	759,000
Subtotal Direct Cost Community Center		\$	4,006,400
Direct Cost Development	20%	\$	801,280
Total Direct Cost Community Center Bulding		\$	4,807,680
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)	18%	\$	865,382
Escalation - 3.5% per year	3.5%	\$	198,557
Total Construction Cost		\$	5,871,620
Owner's Allowance	10%	\$	587,162
Total Community Center Building		\$	6,458,782



FROST PARK REDEVELOPMENT					
	Qty	UOM	UC	Subtotal	Total
Frost Park Estimate - Site Improvements					\$3,802,132
Baseball Fields					112,656 SF
Baseball Fields					
Baseball Field Grass - Assume Bermuda Grass	97,802	SF	\$0.50	\$48,901	
Baseball Field Infield Clay	14,854	SF	\$2.00	\$29,708	
Team Dugouts	4	EA	\$8,500.00	\$34,000	
Earthwork					
Fill Material to Regrade Field - Assume 1'	4,172	CY	\$40.00	\$166,898	
Concrete Pad for Bleachers	1,400	SF	\$8.00	\$11,200	
Furnishings					
Shade Sail Structure for Bleachers	4	EA	\$10,000.00	\$40,000	
Aluminum Bleachers - 30' Long, 5 Rows	4	EA	\$7,000.00	\$28,000	
Scoreboard	2	EA	\$10,000.00	\$20,000	
Fences & Gates					
Allowance for backstop - assume 40' wide, 12' high	2	EA	\$9,600.00	\$19,200	
Perimeter Fencing around Field - 6' Tall	510	LF	\$42.00	\$21,420	
Site Utilities					
Allowance for site irrigation system, baseball field only	97,802	SF	\$0.90	\$88,022	
New Baseball Field Lighting - Assume 60' Tall Poles	5	EA	\$50,000.00	\$250,000	
Subtotal Direct Cost Baseball Fields					\$757,349
Site Improvements					1 LS
Pedestrian Paving					
Exercise Path/Dog Friendly Walkway - Assume 4" Concrete	20,805	SF	\$8.00	\$166,440	
Signage					
Allowance for Park Signage/Wayfinding	1	ALLOW	\$35,000.00	\$35,000	
Furnishings					
Exercise Area - Assume Fabric Canopy	3,850	SF	\$15.00	\$57,750	
Exercise Area - Rubber Flooring	3,850	SF	\$2.00	\$7,700	
Exercise Area Equipment Set	10	EA	\$4,500.00	\$45,000	
Playground 2-5 - Assume Fabric Canopy	2,505	SF	\$15.00	\$37,575	
Playground 2-5 - Rubber Flooring	2,505	SF	\$2.00	\$5,010	
Playground 2-5 - Equipment Allowance	1	ALLOW	\$35,000.00	\$35,000	
Playground 5-12 - Assume Fabric Canopy	3,190	SF	\$15.00	\$47,850	
Playground 5-12 - Rubber Flooring	3,190	SF	\$2.00	\$6,380	
Playground 5-12 - Equipment Allowance	1	ALLOW	\$35,000.00	\$35,000	
New Splash Pad - Flooring	974	SF	\$14.00	\$13,636	
New Splash Pad - Water Equipment Allowance	1	ALLOW	\$50,000.00	\$50,000	
New Picnic Shelters - Assume Fabric Canopy	1,160	SF	\$15.00	\$17,400	
Trash Receptacles	20	EA	\$1,700.00	\$34,000	
Benches	15	EA	\$1,500.00	\$22,500	
Metal Picnic Tables 6' Diameter with Umbrellas	20	EA	\$4,500.00	\$90,000	
Aluminum Picnic Tables 6' Long	6	EA	\$1,700.00	\$10,200	
Allowance for Bicycle Racks	1	ALLOW	\$2,500.00	\$2,500	
Playing Fields					
Recondition Multi-use Courts	26,742	SF	\$5.00	\$133,710	
New Beach Volleyball Courts - Beach Sand	3,280	SF	\$3.00	\$9,840	
New Beach Volleyball Courts - Concrete Pavers	4,840	SF	\$10.00	\$48,400	
New Beach Volleyball Courts - Posts with Padding	4	EA	\$2,500.00	\$10,000	
New Beach Volleyball Courts - Netting	2	EA	\$800.00	\$1,600	
Site Utilities					
Site lighting - assume 20' tall aluminum light pole	6	EA	\$10,000.00	\$60,000	
Subtotal Direct Cost Site Improvements					\$982,491
Site Utilities					1 LS
Water Supply					
Allowance for Domestic Water Distribution	1	ALLOW	\$50,000.00	\$50,000	
Allowance for Chilled Water Drinking Fountains	1	ALLOW	\$1,500.00	\$1,500	
Sanitary Sewer					
Sanitary Sewer System - Allowance for Connections to Existing	1	ALLOW	\$5,000.00	\$5,000	
Storm Sewer					
Storm Sewer System - Allowance for Connections to Existing	1	ALLOW	\$5,000.00	\$5,000	
Site Electrical					
Site Electrical Distribution - Allowance	1	ALLOW	\$200,000.00	\$200,000	
New Pedestrian Walkway Lighting - 16' Poles	40	EA	\$3,200.00	\$128,000	
Subtotal Direct Cost Site Utilities					\$389,500



FROST PARK REDEVELOPMENT					
	Qty	UOM	UC	Subtotal	Total
Site Demolition		1 LS			
Demo Existing Walkway	10,372	SF	\$2.00	\$20,744	
Demo Basketball Courts	23,979	SF	\$2.00	\$47,958	
Demo Skater Park Area	14,249	SF	\$5.00	\$71,245	
Demo Existing Baseball Fencing	446	LF	\$5.00	\$2,230	
Demo Existing Site Lighting	14	EA	\$1,500.00	\$21,000	
Demo Existing Baseball Fields	43,226	SF	\$0.50	\$21,613	
Subtotal Direct Cost Site Demolition				\$184,790	
Site Landscaping		1 LS			
Landscaping					
New 4"-5" Caliper Live Oaks 16' Tall	35	EA	\$850.00	\$29,750	
New Sabal Palm Trees 18' Tall	30	EA	\$1,000.00	\$30,000	
New Coconut Palm Trees 26' Tall	25	EA	\$1,800.00	\$45,000	
Shrubs 1 Gallon	2,000	EA	\$5.00	\$10,000	
Shrubs 3 Gallon	2,000	EA	\$12.00	\$24,000	
Shrubs 5 Gallon	1,000	EA	\$20.00	\$20,000	
Allowance to Replace Irrigation System	1	LS	\$100,000.00	\$100,000	
Subtotal Direct Cost Site Earthwork & Landscaping				\$258,750	
Subtotal Direct Cost frost Park				\$2,572,880	
Direct Cost Development	10.0%			\$257,288	
Total Direct Cost frost Park				\$2,830,168	
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)	18.0%			\$509,430	
Escalation - 3.5% per year	3.5%			\$116,886	
Total Construction Cost				\$3,456,484	
Owner's Allowance	10%			\$345,648	
Total Frost Park Redevelopment				\$3,802,132	



FROST PARK REDEVELOPMENT					
	Qty	UOM	UC	Subtotal	Total
Frost Park Estimate - Community Center					\$6,458,782
Community Center Addition Building - Assume 2 Stories		10,800 GSF			
Earthwork at Building Site					
Grading, Compaction and Fill at Building Site	10,800	GSF	\$8.00	\$86,400	
Fill material to building - assume 3'	1,200	CY	\$40.00	\$48,000	
Foundations					
Building Foundations	10,800	GSF	\$10.00	\$108,000	
Slab on Grade	10,800	GSF	\$8.00	\$86,400	
Superstructure					
Elevated Slab	10,800	GSF	\$20.00	\$216,000	
Roof Structure	10,800	GSF	\$25.00	\$270,000	
Exterior Walls					
Exterior Walls	10,800	GSF	\$15.00	\$162,000	
Exterior Windows	10,800	GSF	\$5.00	\$54,000	
Exterior Doors					
Exterior Doors	10,800	GSF	\$7.00	\$75,600	
Roofing					
Roofing System, Incl. Roof Accessories	10,800	GSF	\$12.00	\$129,600	
Interior Construction					
Interior Partitions	10,800	GSF	\$10.00	\$108,000	
Fittings	10,800	GSF	\$8.00	\$86,400	
Interior Finishes					
Lobby	250	GSF	\$20.00	\$5,000	
Office Space (Admin, conf. room, work space)	450	GSF	\$20.00	\$9,000	
Outdoor Restrooms	400	GSF	\$30.00	\$12,000	
Weight/Cardio Area	2,000	GSF	\$30.00	\$60,000	
Storage	600	GSF	\$6.00	\$3,600	
Restroom/Locker Rooms	1,200	GSF	\$30.00	\$36,000	
Classrooms	3,200	GSF	\$20.00	\$64,000	
Community Room Storage	500	GSF	\$6.00	\$3,000	
Kitchen- Catering	400	GSF	\$30.00	\$12,000	
Additional Space	1,800	GSF	\$12.00	\$21,600	
Interior Doors					
Interior Doors	10,800	GSF	\$6.00	\$64,800	
Plumbing					
Plumbing System	10,800	GSF	\$10.00	\$108,000	
HVAC					
HVAC Systems	10,800	GSF	\$40.00	\$432,000	
Fire Protection					
Sprinkler Systems	10,800	GSF	\$5.00	\$54,000	
Electrical					
Electrical Systems	10,800	GSF	\$35.00	\$378,000	
Telecommunications, Electronic Safety & Security					
Telecommunications, Electronic Safety & Security	10,800	GSF	\$30.00	\$324,000	
Equipment & Furnishings					
Allowance for Lockers	1	ALLOW	\$20,000.00	\$20,000	
Allowance for Office Type FF&E	1	ALLOW	\$45,000.00	\$45,000	
Allowance for Classroom Type FF&E	1	ALLOW	\$45,000.00	\$45,000	
Allowance for Weight/Cardio Equipment	1	ALLOW	\$70,000.00	\$70,000	
Allowance for Kitchen Equipment	1	ALLOW	\$50,000.00	\$50,000	
Subtotal Direct Cost Community Center Addition Building		10,800 GSF	\$301	\$3,247,400	
Direct Cost Development	20%			\$649,480	
Total Direct Cost Community Center Addition Building				\$3,896,880	



FROST PARK REDEVELOPMENT					
	Qty	UOM	UC	Subtotal	Total
Community Center Renovation	7,400	GSF			
Interior Construction					
Interior Construction Renovation/Repairs	7,400	GSF	\$12.00	\$88,800	
Interior Finishes					
Interior Finishes Renovation/Repairs	7,400	GSF	\$10.00	\$74,000	
Interior Doors					
Interior Doors Renovation/Repair	7,400	GSF	\$5.00	\$37,000	
Plumbing					
Plumbing System Renovation	7,400	GSF	\$25.00	\$185,000	
HVAC					
HVAC System - Improve Mechanical Equipment Allowance	1	ALLOW	\$100,000.00	\$100,000	
Electrical					
Electrical System Renovation	7,400	GSF	\$10.00	\$74,000	
Telecommunications, Electronic Safety & Security					
Telecommunications, Electronic Safety & Security Renovation	7,400	GSF	\$8.00	\$59,200	
Selective Building Demolition					
Interior Construction/Finishes Demolition	7,400	GSF	\$15.00	\$111,000	
Equipment & Furnishings					
Allowance to Remove/Replace Equipment & Furnishings	1	ALLOW	\$30,000.00	\$30,000	
Subtotal Direct Cost Community Center Renovation	7,400	GSF	\$102.57	\$759,000	
Direct Cost Development	20.0%			\$151,800	
Total Direct Cost Community Center Renovation				\$910,800	
Total Direct Cost Community Center - Renovation and Addition				\$4,807,680	
Prime Contractor (Gen. Conditions & Req., OH, Profit, Bond & Insurance)	18.0%			\$865,382	
Escalation - 3.5% per year	3.5%			\$198,557	
Total Construction Cost				\$5,871,620	
Owner's Allowance	10%			\$587,162	
Total Community Center Building				\$6,458,782	

November 5, 2019

Mr. Eric Brown
Parks and Recreation Director
City of Dania Beach
Dania Beach, Florida

RE: Chester Byrd Park – Preliminary Order of Magnitude Budget.

Dear Mr. Brown:

As requested, Bermello Ajamil & Partners, Inc. has prepared for the City of Dania Beach a Preliminary Order of Magnitude Budget for the reconstruction of Chester Byrd Park as per the concept plans prepared by Bermello Ajamil & Partners, Inc. for the City of Dania Beach City Wide Parks Master Plan. This project includes the demolition of the existing playgrounds, exercise stations, pedestrian paths and fencing and the new construction of a splash pad, two covered playgrounds, exercise stations, parking for 32 vehicles, pedestrian paths, landscaping, signage and fencing as outlined in the attached Preliminary Order of Magnitude Budget.

This Preliminary Budget is based on the quantities calculated by Bermello Ajamil & Partners as per the Concept Plan AutoCAD drawings. The unit costs used are based on current industry average prices. All unit costs include sub-contractor markups. The Preliminary Order of Magnitude Budget does not include any permitting fees or reimbursable expenses. It is assumed that the project will undergo a competitive bid process and the low bid contractor will be awarded the contract to construct the park. Additionally, the budget does not include any off site roadway reconstruction, repaving or improvements, dewatering, Hazardous Waste removal and/or disposal including contaminated soil. Actual construction costs may vary and Bermello Ajamil does not guarantee that these costs will not vary.

I am available to respond to questions you may have regarding the Preliminary Order of Magnitude Budget. On behalf of Bermello Ajamil & Partners, Inc. I want to thank you for the opportunity to present this work and look to further cooperation with you and the City of Dania Beach.

Sincerely,



Alfredo C. Sánchez AIA AICP
Partner

Cc: Randy Hollingworth, B&A
Kirk Olney, B&A

CHESTER BYRD PARK - PRELIMINARY ORDER OF MAGNITUDE BUDGET

PREPARED 11-5-19

ITEM	Units	Quantity	Cost/Unit	Cost
Site Demolition				
Demo Existing Walkway	SF	3,600	\$2.00	\$7,200.00
Demo Basketball Court	SF	5,000	\$2.00	\$10,000.00
Demo Existing Fencing	LF	1,100	\$5.00	\$5,500.00
Demo Existing Site Lighting	EA	6	\$1,500.00	\$9,000.00
Allowance Demo/Dispose existing playground	EA	1	\$15,000.00	\$15,000.00
Demo and dispose existing shade structures	EA	2	\$1,600.00	\$3,200.00
Sub-Total Demolition				\$49,900.00
Site Utilities				
Water Supply				
Allowance for domestic water distribution	EA	1	\$10,000.00	\$10,000.00
Sanitary Sewer				
Sanitary Sewer system - allowance in connection to existing	EA	1	\$15,000.00	\$15,000.00
Storm Sewer				
Storm Sewer System- allowance in Connection to Existing	EA	1	\$15,000.00	\$15,000.00
Site Electrical				
Site Electrical Distribution Allowance	EA	1	\$20,000.00	\$20,000.00
New Pedestrian Walkway Lighting - Assume 14' High Poles	EA	10	\$4,200.00	\$42,000.00
Sub-Total Direct Cost Site Utilities				\$102,000.00
Site Work				
Site Preparation				
Site Clearing and Grubbing	SYd	6,000	\$0.95	\$5,700.00
Fine Grading	SYd	6,000	\$1.25	\$7,500.00
Tree removal	EA	15	\$900.00	\$13,500.00
Sub-Total Site Work				\$26,700.00
Site Improvements				
Parking				
New Asphalt Pavement (2" thick bituminous, 8" thick Limerock, 12" compacted subgrade)		1,790	\$44.50	\$79,655.00
Pavement Marking Parking Stall	EA	32	\$10.00	\$320.00
Concrete Curb	LF	1,096	\$15.00	\$16,440.00
Concrete Wheel Stops	EA	32	\$90.00	\$2,880.00
Allowance for Parking Lot Lighting assume 6 Light Poles 30'tall	EA	6	\$6,000.00	\$36,000.00
Sub-total Parking				\$135,295.00
Pedestrian Paving				
Exercise Path/Dog Friendly Walkway- 4" Conc.	SF	6,000	\$8.00	\$48,000.00

CHESTER BYRD PARK - PRELIMINARY ORDER OF MAGNITUDE BUDGET

PREPARED 11-5-19

ITEM	Units	Quantity	Cost/Unit	Cost
Pedestrian Concrete Paving	SF	1,000	\$12.00	\$12,000.00
Sub-Total Pedestrian Paving				\$60,000.00
Fencing and Gates				
6' Tall Picket Fencing	LF	1,100	\$70.00	\$77,000.00
Picket Fencing Entry Gates 14' Wide	EA	4	\$750.00	\$3,000.00
Picket Fencing Pedestrian Entry Gates 36" Wide	EA	4	\$150.00	\$600.00
Allowance for Park Signage/Wayfinding	EA	1	\$15,000.00	\$15,000.00
Sub-total Fencing and Gates				\$95,600.00
Landscaping				
Top Soil Placement and Sodding		1,700	\$9.00	\$15,300.00
Coconut Palms 30' Tall	EA	20	\$2,000.00	\$40,000.00
Shade Trees 24' Tall	EA	20	\$2,500.00	\$50,000.00
Shrubs, 18" Tall, 24" Wide Spread; 3 gals.	EA	2,000	\$40.00	\$80,000.00
Benches 6'	EA	15	\$2,000.00	\$30,000.00
Waste Receptacles	EA	6	\$2,000.00	\$12,000.00
Drinking Fountain	EA	1	\$2,000.00	\$2,000.00
Allowance for Bicycle Racks	EA	1	\$1,200.00	\$1,200.00
Sub-total Landscaping				\$230,500.00
Basketball Court				
Concrete Slab for Basketball Court 4"	SF	5,500	\$8.00	\$44,000.00
Allowance for Painting Basketball Court	EA	1	\$1,500.00	\$1,500.00
Earthwork				\$0.00
Fill Material to regrade court area. Assume 1'	CU YD	203	\$40.00	\$8,120.00
Basketball Pole and Basked w/foundations	EA	1	\$2,500.00	\$2,500.00
Perimeter Fencing - 8' Tall	LF	350	\$45.00	\$15,750.00
Site Lighting - Assume 20' Tall Aluminum Light Pole	EA	4	\$10,000.00	\$40,000.00
Sub-total Basketball Court				\$111,870.00
Furnishings				
Exercise Area - Assume Fabric Canopy	SF	2,168	\$15.00	\$32,520.00
Exercise Area - Rubber Flooring	SF	2,168	\$18.00	\$39,024.00
Exercise Area - Equipment Allowance	EA	1	\$50,000.00	\$50,000.00
Playground 2-5 yrs - assume fabric canopy	SF	2,168	\$15.00	\$32,520.00
Playground 2-5 yrs - Rubber Flooring	Sf	2,168	\$18.00	\$39,024.00
Playground 2-5 yrs - Equipment Allowance	EA	1	\$35,000.00	\$35,000.00
Playground 5-12 yrs - assume fabric canopy	SF	2,168	\$15.00	\$32,520.00
Playground 5-12 yrs - Rubber Flooring	SF	2,168	\$18.00	\$39,024.00
Playground 5-12 yrs - Equipment Allowance	EA	1	\$35,000.00	\$35,000.00
Sub-total Furnishings				\$334,632.00

CHESTER BYRD PARK - PRELIMINARY ORDER OF MAGNITUDE BUDGET

PREPARED 11-5-19

ITEM	Units	Quantity	Cost/Unit	Cost
Total Site Improvements				\$967,897.00
Restroom Building				
Restroom Building Lump Sum	EA	1	\$250,000.00	\$250,000.00
Interactive Water Feature/Splash Pad				
Splash Pad Lum Sum	EA	1	\$375,000.00	\$375,000.00
Total Construction Costs				\$1,744,797.00
Direct Costs Development		10%		\$174,479.70
Total Direct Costs				\$1,919,276.70
Prime Contractor (Gen Conditions, & Req. Overhead, Profit, Bond and Ins.		18%		\$345,469.81
Escalation 3.5% Year		3.5%		\$67,174.68
Total Construction Cost				\$2,264,746.51
Owner's Allowance		10%		\$226,474.65
Total Project Budget Cost Opinion				\$2,491,221.16
Architecture and Engineering Fees *		12%		\$209,375.64
Total Preliminary Order of Magnitude Construction Budget with A&E Fees				\$2,700,596.80

THIS BUDGET IS NOT FOR CONSTRUCTION - For budget purposes only

* These fees do not include Geotechnical or Survey Services