

Memorandum



Date: June 02, 2017
To: Gary Hartfield, Division Director
Small Business Development
From: Juan Kuryla, Director
PortMiami
Subject: Recommendation for Design-Build Services for New Cruise Terminal B Program, Contract No. DB17-SEA-01, Project No. 2017-022

Your assistance in reviewing this request and forwarding the attached recommendation to the Division of Small Business Development (SBD) for consideration is respectfully requested. It is recommended that SBD review the attached request for Small Business Enterprise (SBE) measures for Architectural and Engineering (A/E), Construction, and Goods and Services, in order to proceed with the advertisement and subsequent consultant selection for the above mentioned project.

The approximate duration of the proposed Design-Build contract is 677 calendar days and the maximum compensation for the Design-Build contract is for **\$135,000,000.00**, which includes the following:

\$ 99,352,681.81	Estimated Construction Cost
\$ 4,967,634.09	Construction Contingency Allowance (5%)
\$ 2,727,272.73	Dedicated Allowance for CBP Expanded Scope – Const. (2.74%)
\$ 10,704,758.86	Dedicated Allowance for Stakeholder Expanded Scope – Const. (10.77%)
\$ 9,935,268.18	Estimated Architecture and Engineering Services Cost
\$ 993,526.82	Architect and Engineer Contingency Allowance (10%)
\$ 272,727.27	Dedicated Allowance for CBP Expanded Scope – A/E (2.74%)
\$ 1,070,475.89	Dedicated Allowance for Stakeholder Expanded Scope – A/E (10.77%)
\$ 1,995,073.89	Dedicated Allowance for Art in Public Places (1.5%)
\$ 2,980,580.46	Dedicated Allowance for Permit Fees (3%)
\$135,000,000.00	Total

Design-Build Services for New Cruise Terminal B Program - PortMiami is planning additional capacity by the development of the Cruise Terminal B Complex to accommodate a range of new vessels. In order to meet the additional passenger volumes, baggage screening, passenger drop off and pick up areas, parking and roadway traffic, and provisioning may be developed to provide for a state of the art Cruise Terminal Complex.

The scope of services includes Port and Waterway Systems Architectural and Engineering, Planning, Design, Construction and Post Design Services. These services are required to support port operations that are evolving as the industry advances. The project may include upgrades or development of all or some of the following components: Provisioning Operations; Horizontal and Vertical Circulation Systems; Connection of Passenger Boarding Bridges (PBBs); Site Development; Wharf Access and Waterside Improvements; Intermodal Areas; Ancillary Roadways; Baggage Handling Facilities, Parking Facilities; Restrooms; Canopies; Wayfinding; Life Safety; ADA Accessibilities; Landscaping and Irrigation; Operational and Security Enhancements, including checkpoints and screening areas; Access Control; Furniture, Fixtures and Equipment (FFE), and all related infrastructure; building and structure work ancillary to the basic work scope.

The selected Design-Build Team shall provide project and construction management, all necessary site investigations, including survey and geotechnical investigations; studies; modeling; architectural and engineering designs; including analysis of 'sustainable systems' and possible LEED certification; fire

protection; interior design; civil and utilities design, drainage, lighting, structural engineering; mechanical, electrical and plumbing (MEP) engineering; geotechnical engineering, Information Technology (IT); paging; Audio/Visual (AV) design; building management systems; cost estimates; schedules; possible baggage conveyor systems, PBBs and support infrastructure; Art in Public Places; value engineering coordination; construction documents; environmental and building permitting; threshold inspections; construction, construction administration; preparation and approval of shop drawings; commissioning; and any supportive ancillary tasks to the primary scope of services to successfully complete all phases of the project.

All work shall be conducted to meet or exceed professional standards; comply with PortMiami Security requirements; PortMiami Design Guidelines, PortMiami Wayfinding Standards, United States Customs and Border Protection (CBP) Cruise Terminal Design Standards, and Miami-Dade County Implementing Order No. 8-8 "Sustainable Building Program," where all new construction projects shall be required to attain "Silver" or higher certification level under the LEED-NC Rating System and the participation of experienced LEED®AP professional is required in order to achieve optimum results in the application of said practices.

The applicable trades for the construction portion of the project may include, but are not limited to, the erection of a multi-story structure, glass curtain wall system, concrete floor slabs, roofing assembly, framing, vertical and horizontal circulation core systems [i.e., elevators, escalators (vertical and horizontal) and stairs], interior partitions, drywall and finishing, various ceiling finishes, painting, heating, ventilation and air conditioning systems, IT systems and conduits with fiber optic cables, security systems with components, (i.e., Closed Circuit Television, access control), readers, connections to explosive detection systems for baggage (supplied by Owner), body and baggage scanners (supplied by Owner), central paging system, asphalt paving, canopies, curbs, drainage, bollards, landscaping with irrigation system, plumbing systems, electrical/electronic systems, fire protection, and fire alarm system. For further details, please see "Departmental Input Construction Contract/Project Measure Analysis and Recommendation" (attached).

The project is located east of existing Cruise Terminal B/C and the surrounding site at PortMiami. Existing Cruise Terminal B/C shall be known as Cruise Terminal C. All scope of work shall be conducted within an operationally active and secured area. The design and construction services rendered by the Design-Builder are intended to result in a complete, functional, and operable modern and efficient Cruise Terminal Complex consisting of the following three (3) components:

Component 1 may include, but is not limited to the new construction of a multi-story new Cruise Terminal B Complex, which shall contain the following: Potential curb-side baggage check-in and security screening, entrance lobby with security zone(s), Embarkation hall/check-in counters, VIP, Wedding, and Special Group areas, PBB sterile concourse(s) that may connect to the existing concourse at Cruise Terminal B/C. A Debarcation/baggage claim hall, CBP Primary and Secondary Inspection areas and support office spaces shall be provided. General office areas (i.e., cruise line, security, etc.) with support spaces and storage shall be provided as required. Vertical/horizontal circulation (i.e., elevators, stairs, escalators, baggage conveyors, etc.) shall be provided. Restrooms, storage and janitorial rooms, security control, Telecommunications/AV/Wi-Fi/IT, access control, and a Terminal Wide Zoned Paging System shall be included along with all ancillary scope to support these systems. Mechanical (HVAC)/Electrical Rooms and other ancillary spaces (i.e. backup generator room), waterside security screening for employees/crew access, exterior canopies and/or shade structures, drainage, landscaping with irrigation, along with Wayfinding and signage are critical for the complex functions.

The cruise terminal scope may include, but is not limited to a multi-story new parking structure for buses, taxis, transportation network companies, over-sized/height and personal occupied vehicles, drop-off/pick-up area and circulation adjacent and over the terminal structure. The parking structure will be integrated into the overall design of the facility for safety/security, operations, passenger convenience, and comfort. Vertical circulation

and baggage conveyor system(s) may be required to move the anticipated increase in passenger and baggage volumes from the parking structure to the new terminal for security screening for debarkation. Approximately 900 parking spaces for cruise passengers shall be housed in the parking structure with a parking fee collection system.

Component 2 may include, but is not limited to site improvements of utility pads to accommodate electrical service/transformers, backup generators and trash bins/recycling area(s). Utility service connection points for electrical power, data and communications, site drainage, potable water, fire suppression, water and sewer as required are part of this scope. A secured vessel provisioning area near/on the waterside, a Commercial Vehicle Inspection Station, waterside employee security screening check-point(s) along with required access circulation roads/parking shall connect to the main Port circulation roadway system. Wayfinding signage, pavement marking/roadway signage, IT/AV, perimeter security fencing, site lighting and landscaping with irrigation are to be included. Roadways, parking lots, drainage and utilities are also part of this scope.

Component 3 may include, but is not limited to waterside improvements for vessel services, potable/fire suppression water, communication/IT connections, bulkhead fenders and attachments, mooring/storm bollards, including the performance of a mooring/berthing analysis, PBB runways and/or support pads, storm tie-downs and storm water drainage.

Firms providing A/E services must be certified in the following technical categories and the anticipated percentages of the disciplines are as indicated below:

A/E Technical Certification Categories required:

TC No.	Type	Description	Percentage	Amount
5.02	Lead A/E	Port and Waterway Systems – Architectural Design	38.00%	\$4,663,359.30
5.03	Lead A/E	Port and Waterway Systems – Cruise Terminal Design	23.50%	\$2,883,919.57
18.00	Lead A/E	Architectural Construction Management	13.00%	\$1,595,359.76
22.00	Lead A/E	ADA Title II Consultant	0.50%	\$ 61,359.99
5.04	Other	Port and Waterway Systems – Cruise Terminal Equipment Design	1.00%	\$ 122,719.98
	SBE-A/E			
5.08	Other	Port and Waterway Systems - Marine Engineering Design	2.00%	\$ 245,439.96
	SBE-A/E			
5.10	Other	Port and Waterway Systems – Transportation Systems Design	1.00%	\$ 122,719.98
8.00	Other	Telecommunication Systems	0.50%	\$ 61,359.99
	SBE-A/E			
9.02	Other	Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services	0.50%	\$ 61,359.99
	SBE-A/E			
9.03	Other	Soils, Foundations and Materials Testing - Concrete and Asphalt Testing Services	0.50%	\$ 61,359.99
	SBE-A/E			

TC No.	Type	Description	Percentage	Amount
9.04	Other	Soils, Foundations and Materials Testing - Non-Destructive Testing and Inspections	0.50%	\$ 61,359.99
	SBE-A/E			
10.01	Other	Environmental Engineering - Stormwater Drainage Design Engineering Services	0.50%	\$ 61,359.99
	SBE-A/E			
11.00	Other	General Structural Engineering	3.00%	\$ 368,159.95
	SBE-A/E			
12.00	Other	General Mechanical Engineering	1.00%	\$ 122,719.98
	SBE-A/E			
13.00	Other	General Electrical Engineering	1.00%	\$ 122,719.98
	SBE-A/E			
14.00	Other	Architecture	1.00%	\$ 122,719.98
	SBE-A/E			
15.01	Other	Surveying and Mapping – Land Surveying	0.50%	\$ 61,359.99
	SBE-A/E			
15.03	Other	Surveying and Mapping - Underground Utility Location	0.50%	\$ 61,359.99
	SBE-A/E			
16.00	Other	General Civil Engineering	1.50%	\$ 184,079.97
	SBE-A/E			
17.00	Other	Engineering Construction Management	3.00%	\$ 368,159.95
	SBE-A/E			
20.00	Other	Landscape Architecture	1.00%	\$ 122,719.98
	SBE-A/E			
N/A	Other	Construction Cost Estimating	3.00%	\$ 368,159.95
	SBE-G&S			
N/A	Other	General Administration	3.00%	\$ 368,159.95
	SBE-G&S			
Total Estimated Professional Fees			100.00%	\$12,271,998.16

Prime and sub-consultants selected for Professional Services Agreements under Internal Services Department (ISD) Project No. E11-SEA-03, Program Management Consultant, ISD Project No. E15-SEA-02, Program Management Consultant Services, and ISD Project No. E14-SEA-01R, Financial Management Consulting and Bond Engineering Services, shall not be considered for award of a Design-Build Agreement under ISD Project No. DB17-SEA-01.

The Design Criteria Professional, for ISD Project No. DB17-SEA-01, is CH2M Hill, Inc., under ISD Project Number A12-SEA-01 – Architecture and Engineering Services for PortMiami Cruise Terminals. CH2M Hill, Inc. and its sub-consultants (BC Architects AIA, Inc., CDM Smith Inc., Automated Port Solutions, Inc., Robayna and Associates, Inc., and RIB U.S. Cost) are not eligible to render design-build services for ISD Project No. DB17-SEA-01. Pursuant to Florida Statutes 287.055, “A design criteria professional who

has been selected to prepare the design criteria package is not eligible to render services under a design-build contract executed pursuant to the design criteria package.

It is recommended that the SBE goals are 18.00% for architectural and engineering, 8.92% for construction, and 6.00% for goods and services. The CWP workforce goal recommendation is 10.00%. Should you have any questions, please feel free to contact Ms. Elizabeth Ogden, R.A., LEED AP, PPM, Assistant Director of Capital Development at (305) 347-5521.

Attachments

DEPARTMENTAL INPUT
**CONTRACT/PROJECT MEASURE ANALYSIS AND
 RECOMMENDATION**

Contract/Project Title Design-Build Services for New Cruise Terminal B Program
 Contract/Project No. DB17-SEA-01 / 2017-022
 Description See attached Scope of Work
 Department Seaport Contact Elizabeth Ogden Phone (305) 347-5521
 Estimated Cost 1 Agreement for \$135,000,000.00 Funding Source Seaport Loans

ANALYSIS

Commodity/Service No. _____ SIC _____

Trade/Commodity/Service Opportunities

Contract/Project History of Previous Purchases for Previous Three (3) years

Check Here if this is a New Contract/Purchase with Previous History

	<u>Existing</u>	<u>2nd Year</u>	<u>1st Year</u>
Contractor	_____	_____	_____
Ethnicity/Race	_____	_____	_____
Gender	_____	_____	_____
Contract Value	_____	_____	_____
Comments	_____		

RECOMMENDATIONS

<u>SBE-A&E GOAL</u>	<u>BID PREFERENCE</u>	<u>NO MEASURE</u>
18.00%	N/A	

Analysis for Goal Recommendation

<u>Sub-Trade</u>	<u>Est. Cost</u>	<u>% of Item to Base Bid</u>	<u>Availability</u>
5.02 Port & Waterway Systems – Architectural Design (Lead A/E)	\$ 4,663,359.30	38.00%	
5.03 Port & Waterway Systems – Cruise Terminal Design (Lead A/E)	\$ 2,883,919.57	23.50%	
18.00 Architectural Construction Management (Lead A/E)	\$ 1,595,359.76	13.00%	
22.00 ADA Title II Consultant (Lead A/E)	\$ 61,359.99	0.50%	
5.04 Port & Waterway Systems Cruise Terminal Equipment Design	\$ 122,719.98	1.00%	>3
5.08 Port & Waterway Systems Marine Engineering Design	\$ 245,439.96	2.00%	>3
5.10 Port & Waterway Systems Transportation Systems Design	\$ 122,719.98	1.00%	
8.00 Telecommunication Systems	\$ 61,359.99	0.50%	>3
9.02 Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services	\$ 61,359.99	0.50%	>3

RECOMMENDATIONS

Analysis for Goal Recommendation

<u>Sub-Trade</u>	<u>Est. Cost</u>	<u>% of Item to Base Bid</u>	<u>Availability</u>
9.03 Soils, Foundations and Materials Testing – Concrete and Asphalt Testing Services	\$ 61,359.99	0.50%	>3
9.04 Soils, Foundations and Materials Testing – Non-Destructive Testing and Inspections	\$ 61,359.99	0.50%	>3
10.01 Environmental Engineering – Stormwater Drainage Design Engineering Services	\$ 61,359.99	0.50%	>3
11.00 General Structural Engineering	\$ 368,159.95	3.00%	>3
12.00 General Mechanical Engineering	\$ 122,719.98	1.00%	>3
13.00 General Electrical Engineering	\$ 122,719.98	1.00%	>3
14.00 Architecture	\$ 122,719.98	1.00%	>3
15.01 Surveying and Mapping – Land Surveying	\$ 61,359.99	0.50%	>3
15.03 Surveying and Mapping Underground Utility Location	\$ 61,359.99	0.50%	>3
16.00 General Civil Engineering	\$ 184,079.97	1.50%	>3
17.00 Engineering Construction Management	\$ 368,159.95	3.00%	>3
20.00 Landscape Architecture	\$ 122,719.98	1.00%	>3
Non-A/E Services – Construction Cost Estimating and General Administration	\$ 736,319.90	6.00%	
Total	\$ 12,271,998.16	100%	

Basis for Recommendation See attached

By:  PortMiami


Date to SBA/DPM

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: DB17-SEA-01 / 2017-022

*Reference corresponding project number when submitting a work order

Contract/Project Title: Design-Build Services for New Cruise Terminal B Program

Description/Scope of Work: See attached

Estimated Cost: \$135,000,000.00 **Funding Source:** Seaport Bonds

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.
PortMiami 1761 N. Cruise Blvd., Miami, FL 33132

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Engineer/Department or Agency's estimated required workforce for Project Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job

Comments: _____

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation: _____

Date submitted to DBD: June 02, 2017

Contact Person: Gyselle Pino

Telephone No.: (305) 347-4833



Miami-Dade County Seaport Department
 Project Analysis for Goal Recommendation (SBE-CON) -
 EXPANDED VERSION

	Revised Estimated Cost	SBE-Con Analysis	% of Item to Base Bid
General Requirements (includes mobilization)	\$ 6,308,161.47		
-DIVISION 2 - EXISTING CONDITIONS	\$ -		
Civil, U.G. Pipe	\$ 52,623.41		
Laborers: Commercial Construction	\$ 3,996,834.53		
-DIVISION 3 - CONCRETE	\$ -		
Carpenter, Formwork	\$ 2,447,416.13		
Rodmen, Concrete Reinforcement	\$ 648,333.76		
Cement Finishers	\$ 6,257,597.12		
Labor, Slab Decks	\$ 6,234,445.33		
Labor, Foundations	\$ 6,510,097.72		
-DIVISION 4 - MASONRY	\$ -		
Bricklayers, Masons	\$ 3,251,325.80	\$ 3,251,325.80	2.76%
-DIVISION 5 - METALS	\$ -		
Welders, Structural Steel	\$ 5,988,473.12		
Ornamental & Misc Metals	\$ 1,953,615.41		
-DIVISION 6 - WOOD, PLASTICS, AND COMPOSITES	\$ -		
Carpenters	\$ 427,161.09	\$ 427,161.09	0.36%
-DIVISION 7 - THERMAL AND MOISTURE PROTECTION	\$ -		
Roofers, Waterproofers and Allied Workers	\$ 2,842,060.42		
Carpenters	\$ 331,696.43		
Painters and Allied Trades	\$ 2,360,941.04		
-DIVISION 8 - OPENINGS	\$ -		
Glaziers, Architectural Metal and Glass Workers	\$ 10,781,187.19		
Carpenters	\$ 1,291,578.29		
-DIVISION 9 - FINISHES	\$ -		
Carpenter, Drywall & Ceilings	\$ 1,731,476.28		
Flooring, Tile & Carpet	\$ 1,374,354.59		
Painters and Allied Trades	\$ 1,274,071.85	\$ 1,274,071.85	1.08%
-DIVISION 10 - SPECIALTIES	\$ -		
Carpenter, Restroom Specialties	\$ 1,115,916.64		
-DIVISION 11 - EQUIPMENT	\$ -		
Elevator Pit Sun Pump Provided and Install by the Prime	\$ 201,733.50		
-DIVISION 12 - FURNISHINGS	\$ -		
Window Shades Provided and Install by the Prime	\$ 587,200.50		
-DIVISION 13 - SPECIAL CONSTRUCTION	\$ -		
Ironworkers, Canopy	\$ 13,890,202.44		
Carpenter	\$ 291,378.93		
-DIVISION 14 - CONVEYING EQUIPMENT	\$ -		
Elevator Constructors	\$ 2,179,606.15		
-DIVISION 21 - FIRE SUPPRESSION	\$ -		
Sprinkler Fitters	\$ 2,140,394.10		
-DIVISION 22 - PLUMBING	\$ -		
Plumbers	\$ 4,219,133.50	\$ 4,219,133.50	3.58%
-DIVISION 23 - HVAC	\$ -		
Sheet Metal Workers	\$ 1,306,679.10		
Pipefitters (Air Conditioning, Refrigeration and Heating)	\$ 4,195,376.84		
-DIVISION 25 - INTEGRATED AUTOMATION	\$ -		
Electrician	\$ 722,711.51		
-DIVISION 26, 27 & 28 - ELECTRICAL, COMM, SAFETY	\$ -		
Electrician	\$ 9,211,411.90		
-DIVISION 31 - EARTHWORK	\$ -		
Laborers: Commercial Construction	\$ 1,334,440.40	\$ 1,334,440.40	1.13%
-DIVISION 32 - EXTERIOR IMPROVEMENTS	\$ -		
Laborers: Commercial Construction	\$ 1,460,502.98		
-DIVISION 33 - UTILITIES	\$ -		
Electrical Workers	\$ 159,434.54		
Plumbers	\$ 2,364,611.96		
LEED Allowance	\$ 6,308,161.47		
TOTALS	\$ 117,752,347.49	\$ 10,506,132.65	8.92%



Miami-Dade County Seaport Department
Project Analysis for Goal Recommendation (SBE-G&S)

Sub-trade	Estimate Cost	% of Item to Base Bid
01. Project Photography	\$ 235,504.69	0.20%
02. Security / Fencing	\$ 235,504.69	0.20%
03. Construction Cleaning Services	\$ 353,257.04	0.30%
04. Shop Drawings	\$ 235,504.69	0.20%
05. Scheduling / Estimating	\$ 1,177,523.47	1.00%
06. Field Surveying	\$ 706,514.08	0.60%
07. Temporary Utilities / Portable Toilets	\$ 588,761.74	0.50%
08. LEED Consultant (General Contractor's Re	\$ 1,177,523.47	1.00%
12. Rental Equipment / Scaffolding	\$ 1,766,285.21	1.50%
13. Trash / Storage Containers (20 ton.)	\$ 588,761.74	0.50%
Estimated Construction Cost (SBE)	\$ 7,065,140.85	6.00%
Estimate Construction Cost (Total)	\$ 117,752,347.49	100.00%



Miami-Dade County Seaport Department
 Project Analysis for Goal Recommendation (SBE-CWP)

Trade/Skills Required	Estimated Cost	% of Item to Base Bid	Est. # of Workforce Required Per Trade	Est. # of days to Complete Job
-DIVISION 2 - EXISTING CONDITIONS	\$4,049,457.94	3.44%	7	500
-DIVISION 3 - CONCRETE	\$22,097,890.06	18.77%	42	500
-DIVISION 4 - MASONRY	\$3,251,325.80	2.76%	5	420
-DIVISION 5 - METALS	\$7,942,088.53	6.74%	20	500
-DIVISION 6 - WOOD, PLASTICS, AND COMPOSITES	\$427,161.09	0.36%	6	60
-DIVISION 7 - THERMAL AND MOISTURE PROTECTION	\$5,534,697.89	4.70%	10	500
-DIVISION 8 - OPENINGS	\$12,072,765.49	10.25%	14	500
-DIVISION 9 - FINISHES	\$4,379,902.73	3.72%	9	500
-DIVISION 10 - SPECIALTIES	\$1,115,916.64	0.95%	7	60
-DIVISION 11 - EQUIPMENT	\$201,733.50	0.17%	3	30
-DIVISION 12 - FURNISHINGS	\$587,200.50	0.50%	5	90
-DIVISION 13 - SPECIAL CONSTRUCTION	\$14,181,581.37	12.04%	34	500
-DIVISION 14 - CONVEYING EQUIPMENT	\$2,179,606.15	1.85%	5	360
-DIVISION 21 - FIRE SUPPRESSION	\$2,140,394.10	1.82%	5	420
-DIVISION 22 - PLUMBING	\$4,219,133.50	3.58%	5	480
-DIVISION 23 - HVAC	\$5,502,055.94	4.67%	5	500
-DIVISION 25 - INTEGRATED AUTOMATION	\$722,711.51	0.61%	6	120
-DIVISION 26, 27 & 28 - ELECTRICAL, COMM, SAFETY	\$9,211,411.90	7.82%	11	500
-DIVISION 31 - EARTHWORK	\$1,334,440.40	1.13%	5	240
-DIVISION 32 - EXTERIOR IMPROVEMENTS	\$1,460,502.98	1.24%	6	120
-DIVISION 33 - UTILITIES	\$2,524,046.51	2.14%	5	360
General Requirements	\$6,308,161.48	5.36%		
LEED Allowance	\$6,308,161.48	5.36%		
Estimated Construction Cost	\$117,752,347.49	100.00%		

Capital Project - APP Budget Allocation Worksheet

Form must be submitted by User Department and approved by APP - Form must be submitted at Estimated Phase and at Actual Award Phase

- Estimated APP Allocation Phase
 Actual Award APP Allocation Phase

APP Revenue Index code <u>TD / TO BE PROVIDED BY CUA</u>	APP Contact Name <u>CAROLINA ALCALISO</u>	Contact Number <u>31375 3071</u>
Capital Project Name <u>New Cruise Terminal B Program</u>	Project No. <u>2017-022</u>	User Dept. Contact Name <u>Lazaro Alvarez</u>
		Contact Number <u>305-347-4891</u>
Department <u>Seaport</u>	Work Order No. <u>N/A</u>	Project Start Date <u>12/1/2017</u>
		Project End Date <u>10/15/2019</u>

Project Description
 PortMiami is planning for additional capacity with the development of the Cruise Terminal B Complex to accommodate a range of new vessels. In order to meet the additional passenger volumes, baggage screening; passenger drop-off and pick-up areas; parking and roadway traffic; and provisioning may be expanded and improved to provide for a state-of-the-art Cruise Terminal Complex.

Design & Admin Costs

Item	Description	Estimated Cost	Actual Award Cost
A.	Professional Basic Fees (A/E Consultants)	\$ 11,525,592.47	\$ -
B.	Specialty Consultants, Reimbursable Allowances, Soil Boring Testing, Surveying, Inspector General, etc	\$ 166,354.33	\$ -
C.	Program Management (Project and Construction Management) by County Department and/or Consultant	\$ 361,164.05	\$ -
D.	Other Costs	\$ 218,887.31	\$ -
CATEGORY TOTAL (A thru D)		\$ 12,271,998.16	\$ -

Construction Costs

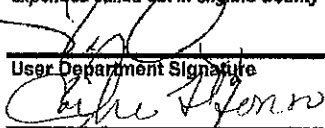
Item	Description	Estimated Cost	Actual Award Cost
E.	New Construction	\$ 89,030,435.78	\$ -
F.	Demolition	\$ 4,151,958.95	\$ -
G.	Built-in Equipment (such as Moving Escalators and Walkways, Elevators Fire & Security Alarm, IT, Back Up Generators, etc)	\$ 206,839.88	\$ -
H.	Furnishings, Fixtures, and Non-Integral Equipment	\$ 602,063.90	\$ -
I.	All Civil Related Work (such as landscape, sidewalks, surface lot, roadway, pavement, lighting, etc)	\$ 1,497,471.63	\$ -
J.	Environmental Remediation	\$ -	\$ -
K.	Allowance Accounts (e.g. permitting, threshold inspections, reimbursables, alternates)	\$ 14,268,437.03	\$ -
L.	Contingency Account	\$ 10,975,720.78	\$ -
M.	Other	\$ -	\$ -
CATEGORY TOTAL (E thru M)		\$ 120,732,927.95	\$ -

	Estimated Cost	Actual Award Cost
Design & Admin Total	\$ 12,271,998.16	\$ -
Construction Total	\$ 120,732,927.95	\$ -
Total Eligible Costs	\$ <u>0600</u> 133,004,926.11	\$ -

Estimated Amount of APP Allocation (1.5%) \$ 1,995,073.89

Actual Amount of APP Allocation (1.5%) \$ -

REMARKS MDC-CUA/APP 10/2018
 All capital expenses to the extent provided by the APP Ordinance are subject to APP applicability. The above referenced line items are not intended to be an all-inclusive list of project expenses required to contribute to the APP allocation. These represent the most common expenses called out in eligible County capital projects.

User Department Signature

 APP Signature

Date 5.31.17
 Date 6/1/17