

PROJECT MANUAL
FOR
**BERTH 1 BULKHEAD REPLACEMENT
ADVANCED MATERIAL ORDER
DOUBLE BITT BOLLARDS**
FOR
**PORT OF PALM BEACH DISTRICT
RIVIERA BEACH**



Prepared by:

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Request for Proposal

March 10, 2019

Project No. 140577000

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140577000 BERTH 1 BULKHEAD REPLACEMENT
ADVANCED BOLLARD ORDER
PORT OF PALM BEACH DISTRICT

MATERIAL ORDER RFP
MARCH 10, 2019

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**REQUEST FOR PROPOSAL
INVITATION
FOR**

**BERTH 1 BULKHEAD REPLACEMENT
ADVANCED MATERIAL ORDER – BOLLARD PILES
PORT OF PALM BEACH DISTRICT
RIVIERA BEACH, FLORIDA**

1. Sealed Proposal for Berth 1 Bulkhead Replacement – Advanced Material Order – Bollards at the Port of Palm Beach will be received by the Owner, PORT OF PALM BEACH DISTRICT, until 2:00 p.m., local time on **Friday, March 22, 2019**, at One East 11th Street, Riviera Beach, Florida 33404, 6th Floor Conference Room. Proposals received after this time will be returned unopened. As applicable, the Purchasing Department is no longer holding public/proposal openings due to the provisions of Section 119.071 (1) (b) F.S., the Florida Public Records Law. Therefore, the Port is not required to provide information until the earlier of the Port providing notice of an intended decision, or until thirty (30) days after opening the proposals. Further, if the intended decision is to reissue the solicitation, the Port is not required to provide information until notice of an intended decision concerning the reissued solicitation or until the reissued solicitation is withdrawn.
2. Project consists of the fabrication, coating and delivery of 100 Ton Double Bitt Bollards and appurtenances freight on board (FOB) to the Port of Palm Beach, Riviera Beach, Florida.
3. Electronic Request for Proposal (RFP) Documents will be available for download on **Tuesday, March 12, 2019**, from the Port of Palm Beach District website: <http://www.portofpalmbeach.com/bids.aspx>.
4. RFP Documents may be examined at the Port of Palm Beach District offices at One East 11th Street, Riviera Beach, 6th Floor, during regular business hours through the closing of the proposal period. Contact number is (561) 842-4201 for the Port Engineer.
5. Each Proposal shall be accompanied by Bid Security in the form of a surety company Bid Bond, cashiers or certified check, drawn upon any State or National Bank in Florida, payable to the Port in an amount not less than five percent (5%) of the amount of the Berth 1 Bulkhead Replacement – Advanced Material Order – Steel Sheet Piles Base Proposal Amount. Any Proposal received without Bid Security will be rejected and returned. Bid Security will be returned to all except the three lowest Proposer within **seven (7) days** after the opening of Proposals, and the remaining Bid Securities will be returned within **seven (7) days** after the Port and the awarded Bidder have executed the Contract, or if no Contract has been awarded, **within ninety (90) days** after the date of opening of Proposals, or upon demand of Proposer at any time thereafter, so long as it has not been notified of acceptance of its Proposal. The Bond executed by the Proposer shall be issued by a Surety Company

licensed to do business in the State of Florida. If the Proposal to whom the Contract is awarded does not execute the Contract and furnish the required documentation within **ten (10) days** of the date of Notice of Award, the Bid Security shall be paid to the Port as liquidated damages. The Proposer agree with the Port that the amount of Bid Security fairly and reasonably represents the amount of damages the Port will suffer due to the failure of the Proposer to fulfill its obligations required herein.

6. Proposers will be permitted to withdraw their Proposals at any time prior to Proposal opening.
7. The Port will not award a Contract to any Proposer who cannot prove to the satisfaction of the Port that they have a minimum of five (5) years of experience in the manufacturing of steel sheet piles sections.
8. Sealed Proposals shall be addressed to the Port of Palm Beach District and plainly marked **“BERTH 1 BULKHEAD REPLACEMENT - ADVANCED MATERIAL ORDER – DOUBLE BITT BOLLARDS”** on the outside of the envelope. The Proposer’s name and address shall also be included on the outside of the envelope.
9. The Proposer agrees that the Proposal shall be good, and may not be withdrawn for a period ending the later of **ninety (90) calendar days** after Proposal Opening, or the execution of the Contract between the successful Proposer and the Port.
10. The Port reserves the right to waive any technicalities/irregularities and/or to reject any and/or all Proposals. The Port further reserves the right to award a contract to that Proposer whose submittal best serves the interests of the Port, in the sole discretion of the Port.

END OF REQUEST FOR PROPOSAL INVITATION

PROPOSAL FORM - LUMP SUM

Proposal of _____
(Name)

(Address)

(Phone) (E-Mail)

to furnish all materials, equipment and labor to perform all Work in accordance with the RFP Documents for the Berth 1 Bulkhead Replacement – Advanced Material Order – Double Bitt Bollards, located at the Port of Palm Beach in Riviera Beach.

To: Port of Palm Beach District (Owner)
One East 11th Street
Riviera Beach, FL 33404
Mr. Manuel Almira, Executive Director

Dear Mr. Almira:

The undersigned Proposer has carefully examined the RFP Documents and the Site of the proposed Work and is familiar with the nature and extent of the Work and any local conditions that may in any manner affect the Work to be done.

The undersigned Proposer agrees to do all the Work and furnish all materials called for by the RFP Documents for Berth 1 Bulkhead Replacement – Advanced Material Order – Double Bitt Bollards Project in the manner prescribed therein and to the standards of quality and performance established in the technical specifications for the lump sum prices stated herein.

1. BASE PROPOSAL:

Proposer (Supplier) shall deliver coated 100 Ton Double Bitt Bollards to the Port of Palm Beach for use and acceptance by Owner’s Contractor. Upon delivery the Owner’s Contractor will receive, inspect and accept product (if in compliance). Once accepted the Owner’s Contractor will offload product at project site and take possession of the materials.

Proposer shall be responsible to furnish all materials, labor and shipping required to deliver product to the Port of Palm Beach Cruise Terminal Site located at One East 11th Street, Riviera Beach, FL and to coordinate offloading by the Owner’s Contractor and to coordinate stockpiling with the Owner’s Contractor.

Owner’s Contractor shall be responsible for touch-up of any damaged coating caused by offloading and installation of bollards. Owner’s Contractor will also be responsible for repair of damaged coating due to delivery from Proposer using Proposer provided spare coating materials. Proposer

shall provide a coating specialist on site if requested by Owner’s Contractor for repairs.

Owner’s Contractor will be responsible to use Proposer provided coating products to coat damaged coating. This does not include poorly coated or improperly coated areas. These sections of coating will be the responsibility of the Proposer to address in the field with a coating specialist retained by the Proposer. Repair work on these poorly coated sections will be paid for by the Proposer.

Proposer shall include in this proposal additional coating product material (5 gallons minimum) to be left with Owner for use by Port and Owner’s Contractor to touch up coating after bollards have been installed. This is not for use by Owner’s Contractor to touch up coating damaged at time of delivery and during delivery. Proposer shall provide this coating material in addition to the 5 gallons additional listed above. Coating material provided shall be capable of being field applied on site.

Proposer shall provide coated marine bollards (Product) and items listed above:

In accordance with the technical specification sections and sketches as follows for the products in this RFP.

- SECTION 35 59 33 – CAST STEEL MARINE BOLLARDS
- SKETCH SK-1

For the above scope of work Proposer shall indicate the Cost and Time required below. The undersigned Proposer agrees that its Proposal shall be good and may not be withdrawn for a period of 90 days after the scheduled closing time for receiving proposal.

Cost (Lump Sum)

Proposer is to fill in all blanks below. All cost below shall exclude applicable taxes as defined in the attached Consumer Certificate Exemption #85-8012646126C-7 from the State of Florida but include all other fees and taxes applicable to this type of work.

Item	Description	Qty.	Unit	Unit Price	Total Price
1	100 Ton Double Bitt Bollards Coated	9	EACH	\$	\$
2	Delivery / Shipping to Port of Palm Beach	1	LS	\$	\$
TOTAL (Items 1 – 4)					\$

Base Proposal Cost Total-Written Out (Lump Sum):

_____ Dollars and _____ Cents

Time

All times shall be based on a Purchase Order being issues the last week of April. The Owner cannot receive delivery of any product earlier than July 1, 2019 which is when their contractor will likely be ready to receive the product Proposer shall identify as part of this Proposal the following:

- Number of Calendar Days from date of Purchase Order to complete fabrication and coating of the bollards and to deliver all product to the Port of Palm Beach ready for offloading by Owner's Contractor (no earlier than July 1, 2019).

_____ days

- If the Port elects to delay delivery of product after coating; indicate below the number of weeks past July 1, 2019 (after product is coated) that the product can be stored off site in supplier's possession without additional cost to Base Proposal being charged to the Port for storage.

_____ weeks

2. ALTERNATE PROPOSAL ITEM:

As part of each alternate, Proposer shall:

- Coordinate related Work and modify or adjust adjacent Work as necessary to ensure that Work affected by each accepted Alternate is complete and fully integrated into the Project.
- Immediately following the Award of the Contract, prepare and distribute to each party involved, notification of the status of each Alternate.
- Include as part of each Alternate, miscellaneous devices, accessory objects, and related items incidental to or required for a complete installation whether mentioned as part of the Alternate.

Alternate Proposal Item 1 – Off Site Storage – Should Bollard fabrication and coating progress on time and they are ready for a July 1, 2019 delivery, and the Owner needs to delay delivery for unforeseen conditions, and the Proposer is unable to store the product without additional cost until the Port needs the product, this alternate is for the additional cost per week for storage of the product off site in a Proposer-controlled yard.

\$ _____ /week

4. BID SECURITY

Accompanying this Proposal is a certified or cashier's check or a Bid Bond in the amount of 5 percent of the Total Base Proposal, made payable to the Owner, which may be forfeited as liquidated damages if, in the event this proposal is accepted, the undersigned fails to execute the Construction Contract with the Owner within three (3) business days after acceptance of the Proposal; otherwise said certified or cashier's check or Bid Bond will be returned to the undersigned as more specifically defined in the Request for Proposals Invitation.

5. BASIS OF AWARD

The Port (Owner) has a time certain need to commence construction on this project and the timely receipt of the coated bollards at the project site (Port of Palm Beach) is necessary. The Port anticipates a contractor will be selected and ready to offload product by July 1, 2019.

If Proposer's product can be coated and delivered sooner than this date, then the Proposer shall include in the Base Proposal cost the cost to store the coated product off site such that the product is delivered by no earlier than July 1, 2019.

If Proposer's product will not be coated and delivered to Port by the date indicated above, then the Port will need to consider the impacts to the project which will result from this later delivery as part of the award of this RFP.

If Proposer's has alternative or optional delivery methods and concepts that the Port can consider and review as part of this RFP which can help the Port with their schedule, then these elements will be reviewed and considered as part of this proposal. Proposer shall submit these concept(s) as part of the proposal narrative.

The overall basis of award of the proposal will not be based solely on price and will be based on the best combination of cost, schedule and product information received. Products that do not meet the technical specifications including material and testing will not be accepted. Each aspect of the proposal will be reviewed by the Port for compliance with the overall project's needs.

Each Proposal will be evaluated and scored based on the following criteria with a maximum score of 100 points available. Tie breaks will be based on the best proposal for time and cost that meets the Port's needs. The cost of additional storage may be considered should the Port need a small delay in delivery time.

A. Proposers Base Cost – Maximum of 50 Points

Points will be awarded for Base Proposal Cost as defined below:

- Apparent Low Proposal Cost – Base Proposal 50 Points
- Cost Proposal within 5.0% higher than the Apparent Low Proposer 40 Points
- Cost Proposal within 10.0% higher than the Apparent Low Proposer 30 Points
- Cost Proposal within 15.0% higher than the Apparent Low Proposer 20 Points
- Cost Proposal within 20.0% higher than the Apparent Low Proposer 10 Points
- More than 20.0% higher than Apparent Low Proposer 0 Points

B. Proposers Partial Order Delivery Schedule – Maximum of 25 Points

Percent of total coated bollards available for delivery on or before May 1, 2019:	100%	25 pt
	75%	20 pt
	50%	10 pt
	0%	0 pt

C. Proposers Complete Order Delivery Schedule – Maximum of 25 Points

Date of final delivery of all coated bollards, on or before:	July 1, 2019	25 pt
	July 15, 2019	20 pt
	August 1, 2019	10 pt
	August 15, 2019	5 pt
	After August 15, 2019	0 pt

Total Score = Total of A+B+C

The Port reserves the right to waive any technicalities/irregularities and/or to reject any and/or all Proposals. The Port further reserves the right to award a contract to that Proposer whose submittal best serves the interests of the Port, in the sole discretion of the Port.

6. ATTACHMENTS TO PROPOSALS

The following documents are to be attached to and made a condition of this Proposal:

- Required Bid security in the form of Bid bond.
- List of Proposed Suppliers and shipping agents.
- Cut Sheets and Product data required in technical sections
- Narrative of proposed fabrication locations and shipping method. General description to better explain your Proposal.
- Additional narrative and attachments to clarify the Proposer’s proposal as required if any deviations are proposed or alternate delivery options are suggested.

7. ADDENDA

Proposer acknowledges the receipt of Addendum numbers:

1. _____, 2. _____, 3. _____, 4. _____, 5. _____.

Dated this _____ day of _____, 20__.

NAME OF PROPOSER: _____

140577000 BERTH 1 BULKHEAD REPLACEMENT
ADVANCED BOLLARD ORDER
PORT OF PALM BEACH DISTRICT

MATERIAL ORDER RFP
MARCH 10, 2019

ADDRESS OF PROPOSER: _____

[CORPORATE SEAL] BY: _____

TITLE: _____

END OF PROPOSAL FORM



Consumer's Certificate of Exemption

DR-14
R. 10/15

Issued Pursuant to Chapter 212, Florida Statutes

85-8012646126C-7	12/31/2017	12/31/2022	STATE GOVERNMENT
Certificate Number	Effective Date	Expiration Date	Exemption Category

This certifies that

PORT OF PALM BEACH DISTRICT
1 E 11TH ST STE 600
RIVIERA BEACH FL 33404-6911

is exempt from the payment of Florida sales and use tax on real property rented, transient rental property rented, tangible personal property purchased or rented, or services purchased.



Important Information for Exempt Organizations

DR-14
R. 10/15

1. You must provide all vendors and suppliers with an exemption certificate before making tax-exempt purchases. See Rule 12A-1.038, Florida Administrative Code (F.A.C.).
2. Your *Consumer's Certificate of Exemption* is to be used solely by your organization for your organization's customary nonprofit activities.
3. Purchases made by an individual on behalf of the organization are taxable, even if the individual will be reimbursed by the organization.
4. This exemption applies only to purchases your organization makes. The sale or lease to others of tangible personal property, sleeping accommodations, or other real property is taxable. Your organization must register, and collect and remit sales and use tax on such taxable transactions. Note: Churches are exempt from this requirement except when they are the lessor of real property (Rule 12A-1.070, F.A.C.).
5. It is a criminal offense to fraudulently present this certificate to evade the payment of sales tax. Under no circumstances should this certificate be used for the personal benefit of any individual. Violators will be liable for payment of the sales tax plus a penalty of 200% of the tax, and may be subject to conviction of a third-degree felony. Any violation will require the revocation of this certificate.
6. If you have questions regarding your exemption certificate, please contact the Exemption Unit of Account Management at 800-352-3671. From the available options, select "Registration of Taxes," then "Registration Information," and finally "Exemption Certificates and Nonprofit Entities." The mailing address is PO Box 6480, Tallahassee, FL 32314-6480.

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SECTION 35 59 33
CAST-STEEL MARINE BOLLARDS

PART 1 GENERAL

1.01 REFERENCES

A. ASTM International (ASTM):

1. A27 (2005), Steel Castings, Carbon, for General Application.
2. A36, Carbon Structural Steel.
3. A123 (2002), Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
4. A153 (2005), Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
5. A449 (2004), Quenched and Tempered Steel Bolts and Studs.
6. A563 (2004), Carbon and Alloy Steel Nuts.
7. C920 (2005), Elastomeric Joint Sealants.
8. F1554 (2004), Anchor Bolts, Steel, 36, 55, and 105 ksi Yield Strength.

1.02 SUBMITTALS

A. Action Submittals (Provide with Proposal)

1. Pre-Manufacturer: Proposer to submit the following manufacturers' information for approval with Proposal and prior to manufacturing of bollards and hardware:
 - a. Shop Drawings for bollards.
 - b. Bollard and anchor bolt calculations, documenting allowable and ultimate bollard line load capacities of bollard and required anchor bolts. Calculations shall be prepared, signed and sealed, by a Florida Licensed Professional Engineer retained by proposer.
 - c. Grout.
 - d. Bolts, nuts and washers.
 - e. Sealant data sheets.
 - f. Coating system data sheets.

B. Information Submittals:

1. Post-Manufacturer: Proposer / Supplier to submit the following information after manufacture of bollards and hardware:
 - a. Mill test certificates for each heat number.
 - b. Record showing heat numbers and serial numbers.
 - c. Signed and sealed Certificate of Conformance for line pull rating.

PART 2 PRODUCTS

2.01 BOLLARDS

- A. Bollards shall be new 100 metric-ton Double Bitt Bollards, as shown on the Drawings, or approved equal. Bollard material shall be stress-relieved cast-steel, conforming to ASTM A27, Grade 63-35, or greater as required by manufacturer's design.
- B. Bollard overall height, base height and base width shall be as shown on the Drawings, though detailed dimensions may vary, depending upon the manufacturer.

2.02 ANCHORAGE HARDWARE

- A. The bollards shall be anchored to the concrete with:
 - 1. Steel plates conforming to ASTM A36 or stronger.
 - 2. Threaded rod conforming to ASTM F1554.
 - 3. Heavy hex nuts meeting the requirements of ASTM A563 (recommended grade and style of nut listed in ASTM F1554).
- B. Half nuts may be used as leveling nuts.
- C. Bollard anchor hardware is to be designed and specified by the bollard manufacturer to ensure proper fit. Anchorage hardware will be provided by Owner's Contractor.
- D. All anchorage hardware shall be hot-dipped galvanized to ASTM A123 or ASTM A153, as applicable.

2.03 LINE PULL RATING

- A. Installed bollards and anchorage hardware shall have a minimum allowable load rating as indicated.
- B. Load rating shall include all combinations of vertical and horizontal angles listed below:
 - 1. Vertical line angles between 0 to 75 degrees, when measured from horizontal.
 - 2. Horizontal line angles between 0 to 180 degrees, when measured parallel to the dock face.

- C. At a minimum, load rating shall include the following limit status:
 - 1. Combined tension and shear in steel threaded anchor rods.
 - 2. Flexure and shear in bollard casting.
 - 3. Bearing of embedded base on concrete.

- D. Minimum factor of safety:
 - 1. Bollards: Against yielding not less than 3, and against breaking not less than 4.
 - 2. Anchor Bolt: Against yielding not less than 2.

2.04 FINISH

- A. Bollard shall be blasted to SSPC-SP6 and cleaned of any grease or other foreign matter with a suitable degreaser before applying any coating.

- B. Bollard shall be finished with a 3-coat primer system, as recommended below, or approved equal:
 - 1. Primer: 3 mils D.F.T. inorganic zinc.
 - 2. Intermediate Coat: 8 mils D.F.T. cycloaliphatic amine epoxy.
 - 3. Topcoat: 4 mils D.F.T. aliphatic acrylic polyurethane.

Paint manufacturer to confirm compatibility of all paint system components.

PART 3 EXECUTION

3.01 ANCHORAGE HARDWARE INSTALLATION

- A. Anchor bolts and plates shall be held in place with templates that match the bollard manufacturer's bolt pattern. Proposer to provide all templates by June 1, 2019.

- B. Templates shall prevent displacement of anchor bolts and plates during concrete placement.

- C. Before casting of each pile cap concrete, anchor bolt locations and top elevations shall be verified.

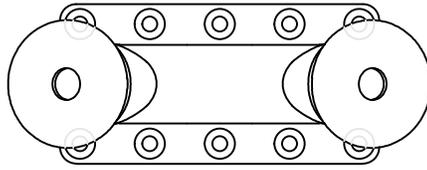
END OF SECTION

140577000 BERTH 1 BULKHEAD REPLACEMENT
ADVANCED BOLLARD ORDER
PORT OF PALM BEACH DISTRICT

MATERIAL ORDER RFP
MARCH 10, 2019

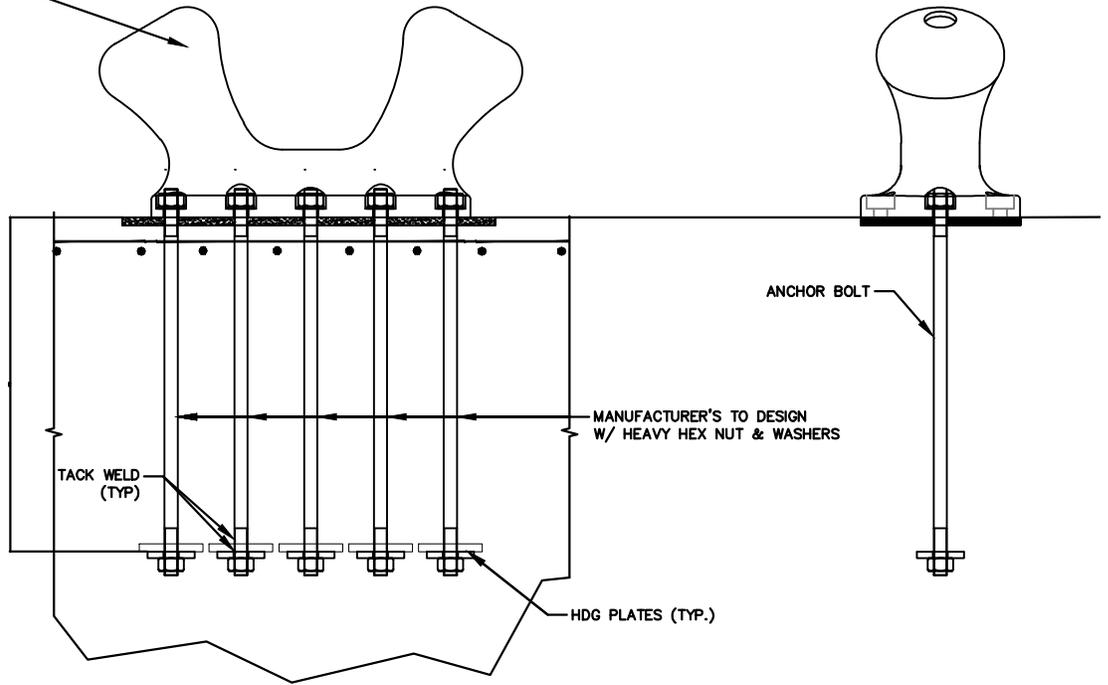
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Drawing name: K:\WPB_Civil Structures\Port of Palm Beach\140577000-Berth 1 Replacement\CAD\Bollard Bid Package\SKETCH-1_Bollard.dwg Layout1 Mar 08, 2019 9:41am by: anne.graves
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



PLAN

100 TON DOUBLE BOLT BOLLARD



ELEVATION

SIDE

PROPOSER TO PROVIDE BOLLARDS SHIPPED TO PORT OF PALM BEACH. ANCHOR BOLTS WILL BE PROVIDED BY OWNER SEPARATELY. PROPOSER TO PROVIDE ALL DESIGN AND ENGINEERING FOR ANCHOR BOLTS AND BOLLARDS AS PART OF BASE PROPOSAL.

1
SK-1

BOLLARD DETAIL

SCALE: NTS

SCALE
DESIGNED BY J.C. LONG
DRAWN BY A. GRAVES
CHECKED BY J.C. LONG

Kimley»Horn
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PROJECT NO. 140577000

BERTH 1
ADVANCED BOLLARD ORDER
 PREPARED FOR
 PORT OF PALM BEACH

DESIGN ENGINEER: JCL
FLORIDA P.E. LICENSE NUMBER:
DATE: 03/10/19

SHEET NUMBER SK-1
