

# REQUEST FOR QUOTATION

## REISSUED

### **Remedial Repair Works (Installation of Fenders, Bollards and Minor Structural works to Roll-On Roll-Off (RoRo) Ramp Grand Turk) Ref. No 0602 /25**

#### **SUMMARY**

The Ports Authority of the Turks and Caicos is a government statutory body with responsibility for the supervision, safety and management of sea ports throughout the Turks and Caicos, which facilitates efficient shipping services. Grand Turk Port is the economic hub that serves the residences on the islands of Grand Turk and Salt Cay and by extension the wider TCI. The RoRo Ramp at this port plays a significant role in the daily operations at the port as it now serves as the main berthing location for the Salt Cay ferry and also local transshipment throughout the TCI. Over the past few years the RoRo Ramp has sustained minor damages to its concrete structure causing the reinforcement rebar to be exposed to the salty element. Vessel captains berthing at the RoRo Ramp have made several complaints that berthing at this location was difficult. The Ports Authority taking these complaints into consideration has taken the initiative to source the fenders and bollards for installation and complete the minor structural repairs to resolve the concerns.

#### **PROJECT DESCRIPTION**

The project **goal** is to provide safe berthing at the RoRo Ramp to support local transshipping services at the Grand Turk Port Facility. The **purpose** of the project is to undertake urgent berthing improvements to the berthing zone to avoid damages to vessels being docked at that location. The project will **result** in repairs to minor structural damages, installation of two (2) "D" Shaped Fendering System which vessels will have a



rubberize material attached to the front of the Ramp to avoid vessels from being slammed against the dock directly and being damaged and installation of new bollards to tie-off at that location.

## **REQUEST FOR SERVICES**

The Ports Authority of the Turks & Caicos Islands is requesting quotations (RFQ) from suitable and qualified contractors (firms or individual) with experience and relevant business-license category to undertake urgent structural repair works, installation of newly client supplied fendering system and bollards to the RoRo Ramp at the South Dock Port in Grand Turk.

The works will be carried out in an active port setting so the repairs will need to be carefully coordinated with the Ports Authority as not to disrupt shipping.

In submitting quotation, prospective bidders should submit the following

- Copy of valid Business License
- A method statement indicating how they will carry out the repairs and installations.
- A list of equipment and personnel to be deployed.
- POW (Program of Works) Time frame for commencement and duration of the works.
- Attached Bill of Quantities (BOQ)

It is expected that bidders would visit the project area or contact the Ports Authority to obtain information to support their quotations.

## **SCOPE OF WORKS**

Based on the 'Owner's requirement brief' prepared by the Ports Authority the specific service should consist of the following:

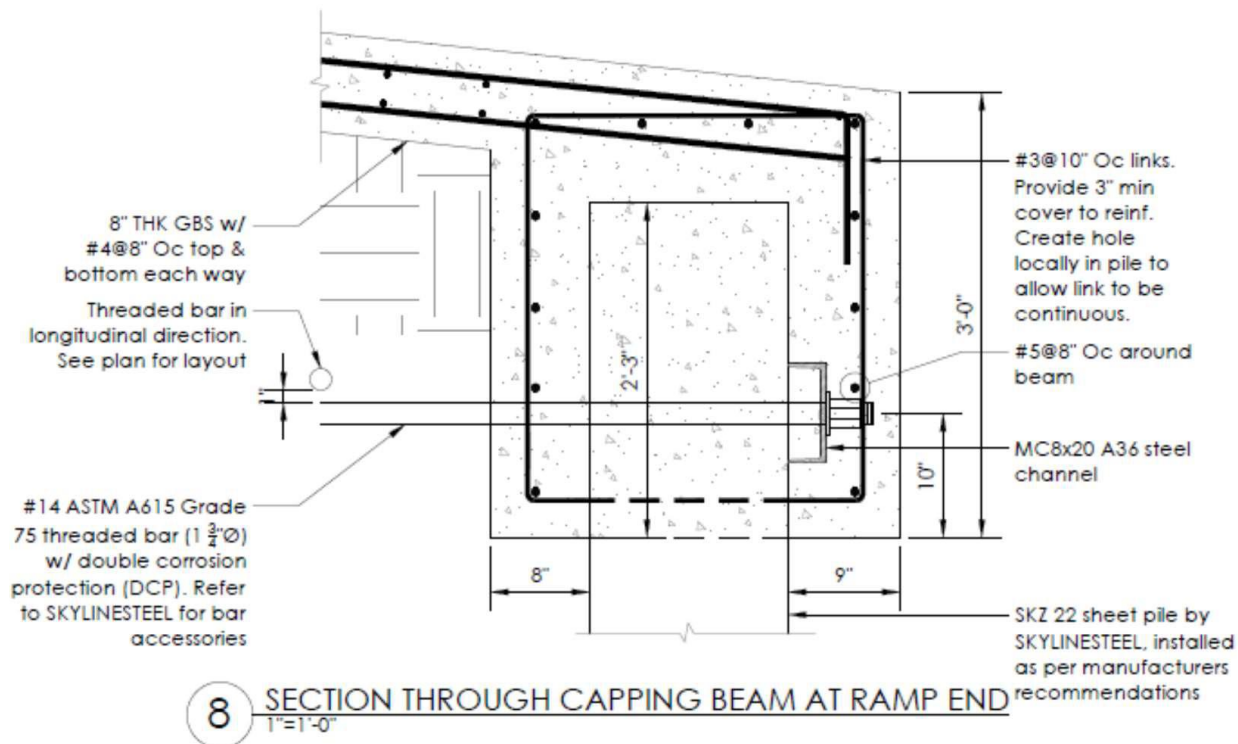
1. Rectify damaged rebar and repair the concrete.
2. Installation of Fenders.
3. Installation of Bollards

### **Rebar/ Concrete Repairs**

The repairs will take place at an existing ramp, with details below:



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Chip back all loose and cracked concrete in the damaged areas and further expose all rebar to be repaired, so that a min. of 1" of repair mortar can surround each bar.

Bend back the rebar to match the original construction detail below and add splicing bars to snapped rebar, lapping bars min. 40 x bar diameter.

Dowel in new rebar as needed, using preferably (**Hilti HUIT RE 500**) epoxy resin adhesive in drilled holes in accordance with the manufacturer's recommendations. All dowelled rebar to have min. 4" embedment into the existing concrete and min. 5" distance from the edge of the concrete.

Mechanically scabble (roughen) the concrete surfaces to be repaired and clean off all loose material and dust.

Clean all exposed rebar with phosphoric acid (or equivalent product) to remove corrosion.

Coat rebar and concrete surfaces with preferably (**Sika Armatex 110 EpoCem**) reinforcement corrosion protection and bonding primer as per the manufacturer's recommendations.

Patch and make good the chipped and damaged concrete areas with preferably (**Sika Repair 223**) cementitious patching material to reinstate the required min. 3" side and 2" top cover. Apply as per the manufacturer's recommendations; this can be hand troweled into place in multiple lifts where needed.

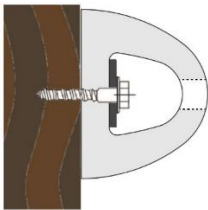


Seal all the repaired concrete surfaces with preferably **(Sika Top Seal 107)** cementitious waterproof coating as per the manufacturer's recommendations.

Coat all concrete surfaces that are suspected of having inadequate cover, with the side of the ramp as a minimum area, with preferably a **(Sika FerroGard 903)** penetrating, corrosion inhibiting, impregnation coating for hardened concrete as per the manufacturer's recommendations.

## Fenders

D Shaped Rubber fender (DD ) must be installed with pre-drilled holes. The Fenders must be installed according to the Manufacturer's specifications.



### D Fender Installation Guide

D Shaped Marine Fenders are simple to install, requiring no specialised skills. These instructions are for the Light-Weight D Fender, Heavy Duty D Fender and the D Fender With Lip.

#### Installation Instructions

**Step 1:** Measure and mark the location of the guide holes at a maximum of 450mm apart (from centerlines).

**Step 2:** Laying the fender on a flat surface, use a power drill to drill the guide holes at the peak of the fender. Remove the drill swarf and burrs.

**Step 3:** Slide the aluminum/stainless steel fixing strip inside the fender along its base.

**Step 4:** Depending on its length, have somebody help you hold the fender in the desired position. If you are installing the D fender with lip, rest the inner edge of the lip against the top edge of the pier.

**Step 5:** Using a power drill, fix the screw into position



## **RESPONDING TO THE RFQ**

**The required services are needed immediately**

It is advised that interested service providers should make arrangements to visit South Dock, Grand Turk to inspect the project area to get a better understanding of the project.

### **Contact Information**

Request for additional information should be sent to:

Dwayne Simons,  
Ports Engineering Manager  
Ports Authority, Turks & Caicos Islands  
South Dock, Grand Turk  
Phone: 649-346-1613  
Mobile: (649) 333-4576  
Email: [dsimons@ports.tc](mailto:dsimons@ports.tc)

This RFP is being posted at [www.portstci.com](http://www.portstci.com) and on the Ports face book page.

### **Submission for Quotations**

All bids should be enclosed in a sealed envelope with the Envelope Labeled

#### **Quotation for Remedial Works**

**Installation of Fenders, Bollards and Minor Structural works to Roll-On Roll-Off (RoRo) Ramp Grand Turk)**

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attached firmly to the front. The sealed envelope should not carry any identification marks indicating the sender of the envelope

**Deadline for submission of quotes is 12:00pm on Monday 20<sup>th</sup> October 2025.**

### **Location**

Ports Authority office Main Office Grand Turk to Mr. Dwayne Simons or Keith Simons



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|    |                                                                                                                                                                                                                                                                                       | QTY | Unit | Rate | Total |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|-------|
|    | <b><u>Structural Repairs</u></b>                                                                                                                                                                                                                                                      |     |      |      |       |
| 1  | Carefully chip al loose and cracked concrete in the damaged areas to expose rebar to be repaired. 1" min. clearance around each bar. Approx. 17'                                                                                                                                      | 1   | Sum  |      | -     |
| 2  | Bend existing bars back into place as per Structural Engineer's detail drawings making allowance for splicing bars to snapped bars, lapping bars minimum. 40".                                                                                                                        | 1   | Sum  |      | -     |
| 3  | Allow for dowelling of new rebar as needed with epoxy resin and min. 4" embedment and min. 5" distance from edge of concrete as per Structural Engineer's Drawings                                                                                                                    | 1   | Sum  |      | -     |
| 4  | Mechanically scabble the concrete to underside, side and top of cncrete slab surfaces with girth of approx. 6'-0" incl. cleaning all loose material and dust.                                                                                                                         | 102 | Sqft |      | -     |
| 5  | Clean all exposed rebar with phosphoric acid (or equivalent approved) to remove corrosion                                                                                                                                                                                             | 1   | Sum  |      | -     |
| 6  | Coat rebar and concrete surfaces with (reinforcement corrosion protection and bonding primer), approx. 102 sqft                                                                                                                                                                       | 1   | Sum  |      | -     |
| 7  | Patch and make good chipped and damaged concrete areas with (cementitious patching material), to reinstate the required min 3" side and 2" top cover as per Structural Engineer's recommendations                                                                                     | 1   | Sum  |      | -     |
| 8  | Coat repaired concrete surfaces with (cementitious waterproof coating) as per manufacturer's specifications.                                                                                                                                                                          | 102 | Sqft |      | -     |
| 9  | Coat concrete to perimeter of ramp with a girth of approx. 6'-0" (to cover underside, side and top of slab) to areas suspected of having inadequate cover with (penetrating, corrosion inhibiting, impregnation coating for hardened concrete) as per manufacturer's recommendations. | 71  | Lft  |      | -     |
|    | <b>Installation of Bollards</b>                                                                                                                                                                                                                                                       |     |      |      | -     |
| 10 | Carefully Remove existing damage Bollards including all anchor bolts and knots, place aside for reuse                                                                                                                                                                                 | 2   | nr   |      | -     |



|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |     |              |                 |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|--------------|-----------------|
| 11 | Carefully measure and mark the location of guide holes as instructed by Port Engineer. Using appropriate equipment cut and chip into the existing concrete structure to reinstall existing reusable bollards. Clean and coat rebar surfaces with corrosion protection and concrete with bonbing primer. "Existing reinforcement rebar should not be cut." install and cast in place existing reusable bolts with cementitious patching material. Allowing caring period. Apply lubricant application and Reinstall reusable Bollards.                | 2 | Sum | -            | -               |
| 12 | Carefully measure and mark the location of guide holes as instructed by Port Engineer. Using appropriate equipment cut and chip into the existing concrete structure to install newly client supply bollards. Clean and coat rebar surfaces with corrosion protection and concrete with bonbing primer. "Existing reinforcement rebar should not be cut." install and cast in place newly client supplied bolts with cementitious patching material. Allowing caring period. Apply lubricant application and Install newly client supplied Bollards. | 2 | Nr  | -            | -               |
|    | <b>Installation of Fenders</b><br>Carefully measure and mark the location of guide holes as instructed by Port Engineer. Using appropriate equipment drill and cut into the existing concrete structure to install newly client supply Fenders anchor bolts. . "Existing reinforcement rebar should not be cut." install and cast in place newly client supplied Fender bolts with cementitious patching material. Allowing caring period. Apply lubricant application and Install newly client supplied Bollards.                                   | 2 | Nr  | -            | -               |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |     | -            | -               |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |     | -            | -               |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |     | -            | -               |
|    | <b>Contingencies and Allowances</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 | sum | 5,000.00     | 5,000.00        |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |     | <b>Total</b> | <b>5,000.00</b> |

