



**REQUEST FOR QUOTATION
Container Handlers
RFQ #CH111622**

South Carolina Ports Authority
200 Ports Authority Drive
Mount Pleasant, SC 29466
Phone 843-843-7052

<u>Request for Quote ID</u>	<u>Date</u>	<u>Buyer</u>
CH111622	11/16/2022	Robert J. Mitchell Jr.
Closing Date & Time for Quotations: 12/16/2022 at 3:00 PM EST		

Ship To: See Information Below

Line	Item	Description	Quantity	UOM
1	New Full Container Handler (FCH)		5	Each
		With manufacturer provided 20/40 spreader bar Capacity: 90,000 lb @ 5-high stacking Delivery to: Wando Welch Terminal (WWT) 400 Long Point Road Mount Pleasant, South Carolina 29464		
2	New Empty Container Handler (ECH)		6	Each
		With manufacturer provided 20/40 spreader bar Capacity: 8-high stacking of standard containers (8'-6") and 7-high stacking of high cube containers (9'-6"). Delivery to: Wando Welch Terminal (WWT) 400 Long Point Road Mount Pleasant, South Carolina 29464		
3	New Empty Container Handler (ECH)		1	Each
		With manufacturer provided 20/40 spreader bar Capacity: 8-high stacking of standard containers (8'-6") and 7-high stacking of high cube containers (9'-6"). Delivery to: Inland Port Greer (IPG) 100 International Commerce Blvd Greer, South Carolina 29651		

- Vendors shall provide the SCPA with a trial of each different type of unit quoted. Trial equipment should be relevant to the quoted units, meaning they should be less than 3 years old. SCPA officials will be willing to travel to the trial location, which is preferred to be on the United States east coast. Trials should be made available between Nov 28 and Dec 14.
- The SCPA may elect to purchase both full and empty container handlers from the same vendor or from multiple vendors. That decision will be made after review of all quotes received, and a determination as to the best interest of the SCPA.



REQUEST FOR QUOTATION (continued)
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- The SCPA’s Preferred Design Parameters are included with this RFQ. Vendor should note any differences with their proposed equipment vs SCPA’s Preferred Design Parameters.
- Vendor’s Quotation shall include the following information for our review:
 1. Design Features
 2. Complete Technical Specifications
 3. Detailed Standard and Optional Equipment offerings with specific pricing
 4. Spare Parts and Service Availability information
 5. Warranty Information
- Vendor’s Quotation shall include all freight delivered, set up, serviced, and any related expenses necessary to provide Container Handlers in ready-to-work condition.
- Vendor’s Quotation shall include copies of Service Manuals and Parts Manual. For each unit purchased, Vendor shall include: 1 hard copy of each manual, and an electronic (pdf) copy.
- Vendor’s Quotation shall be considered “Non-Responsive” if delivery information is not provided.
- Vendor’s price information shall remain “Firm-Fixed” for a period of 100-days from the closing date. The anticipated award date is February 2023.
- This purchase is exempt from SC sales taxes. A copy of the SCPA’s Exemption Certificate will be provided upon ordering.
- Vendor shall submit Questions via email to Bob Mitchell at: bmitchell@scspa.com
- Vendor shall submit Quotations, by the closing date and time listed above, via email to Bob Mitchell at: bmitchell@scspa.com

This Solicitation does not commit the SCPA to award a contract, to pay for any costs incurred in the preparation of Quotation submitted, or to procure or contract for the articles or services. The SCPA reserves the right to accept or reject any, all or part of offers received as a result of this Solicitation or to cancel in part or its entirety this Request for Quotations if it is in the best interest of the SCPA.

This is NOT AN ORDER
All returned quotes and related documents must be identified with our Request for Quote ID Number listed above.

Authorized Signature

SOUTH CAROLINA PORTS AUTHORITY
FULL CONTAINER HANDLER & EMPTY CONTAINER HANDLER
PREFERRED DESIGN PARAMETERS

The requested equipment shall be new and of manufacturer's current model

- **Power Source**
 - Diesel power
 - US EPA TIER 4F full
 - Full specification on manufacturer and model
 - Transmission
 - Powershift transmission 5-speed with de-clutch feature
 - Full specification on manufacturer and model
 - Drive axle
 - Full specification on manufacturer and model

- **Tires and Brakes**
 - Drive and steer tires
 - Full specification on manufacturer and model
 - Drive tires – 4, Steer tires – 2
 - Service and parking brakes
 - Wet disc brakes
 - Parking brake- hydraulic release spring applied
 - Brake charging system
 - Independent hydraulic system for service brakes with cooling system
 - Full specification on manufacturer and model

- **Electrical System**
 - Gel cell batteries
 - Alternator with minimum 120 amp rating
 - Battery power lockout safety feature

- **Hydraulic System**
 - Centralized hydraulic test points
 - Flooded suction to hydraulic pumps
 - Hydraulic cut off valves adjacent to hydraulic tank
 - Power steering through hydraulic system
 - Full specification on manufacturer and model

- **Mast and Spreader Bar**
 - Mast functions
 - Minimum of 3 degrees forward and backward tilt (Empty Handler / Full Handlers)
 - Full Handlers
 - 5-high stacking capabilities
 - Minimum of 90,000lbs lift capacity
 - Empty Handlers
 - 8-high stacking capabilities – standard container 8’-6”
 - 7-high stacking capabilities – high cube containers 9’-6”
 - Minimum of 17,000lbs lift capacity
 - Full specification on manufacturer and model
 - Spreader bar
 - Telescoping 20ft/40ft cylinder driven
 - Slew function with a minimum on 5 degrees (Full Handlers)
 - Sideshift with a minimum of 15 inches
 - Indicator lights mounted on the Bar - Lock, unlock and seated lights
 - Mechanical twistlock indicator flags
 - Twistlock bypass system
 - Preferred not to have auto lock system capability
 - Container guide bars
 - Lifting pad eyes with rated capacity per eye
 - Hose track for Exp/ret function for hydraulic and electrical lines
 - Full specification on manufacturer and model

- **Color Scheme**
 - Chassis = SCPA Blue / RAL 5010
 - Cab & Decals = SCPA White / RAL 9003
 - Mast = Black / RAL 9005

- **Miscellaneous Features**
 - Minimum of (1) 10lbs fire extinguisher
 - Preferred spin on filters for all systems
 - Digital and hard copy files for parts, operation and maintenance after purchase
 - Electrical and hydraulic schematics
 - Training course on equipment after purchase
 - Full specifications on
 - Fuel consumption
 - All fluid capacities
 - Lifting capacity
 - Lifting height capacity
 - Overall dimensions

- **Operators Cab and Functions**
 - Mirrors
 - Minimum of (2) side view mirrors
 - Fender mirror (2)
 - Minimum of (1) rear view mirror
 - Lighting
 - Adequate lighting normal operation at night
 - Spreader lights (2)
 - Forward lights (4)
 - Revers lights (2)
 - Interior cab light (1)
 - Heating and cooling system
 - Adequate heating and cooling system (preferred manufacture Red Dot)
 - Full specification on manufacturer and model
 - Minimum of (1) circulation fan included
 - Minimum of (1) defrost fan for front window
 - Windows
 - Wiper and washer must be provided for front, top and rear glass
 - Window shades must be provided for top and rear glass
 - Operator doors have the capability of opening the windows
 - Operator seat and controls
 - Provide an ergonomically designed seat and controls
 - Full range of seat and control arm adjustability
 - Air-ride seat suspension
 - Fold up trainer seat in cab
 - Preferred non-cloth seat material
 - Gauges
 - Minimum gauges requirements
 - Hour meter
 - Coolant temp
 - Oil Pressure
 - Volt indicator
 - Transmission temp
 - Transmission oil pressure
 - Lock/unlock and seated indication
 - Accessory power supply
 - 12 volts power supply
 - 24 volts power supply
 - Capability of multi radio and yard system use in operator cab