

**Addendum #2 to SJPC TOS 01112022 – January 6, 2022**

**Please be advised that the proposal due date has been rescheduled to Thursday, January 27, 2022 at 11:00am.**

**Please see attached answers to potential bidders' questions in the format they were submitted. SJPC's responses are in red text.**

## Table of Questions

Terminal Operating Systems RFP Questions			
Area	Item No	Requirement / Feature	Questions/Comments
System Admin	7	Ability to provide manual and automatic assignment of group codes to equipment or cargo matching business criteria.	Please can you provide more detailed information as to the use of group codes and how this process works? <b>Group codes have been used in TOS systems for years to allow users to combine items for easier use. These are customer defined codes that can be used for further segregating cargo in the yard or warehouse such as Weight Range, Damage Type, pallet size, customer, equipment type, etc.</b>
System Admin	16	Ability to define and maintain package codes	Please can you provide more detailed information and examples of package codes and how they are used? <b>Used in breakbulk to segregate cargo in the yard or warehouse such as pipes, skidded coils, palletized, etc.</b>
System Admin	17	Ability to define and maintain service types	Please can you provide more detailed information and examples of service types and how they are used? <b>This can be used to differentiate billable services offered by the terminal such as cooperage, blocking, bracing, potable water for ships, TWIC escorts, terminal clerking and checking, etc.</b>
System Admin	18	Ability to define and maintain package <b>Trouble</b> codes	Please can you provide more detailed information and examples of trouble categories and how they are used? <b>Different issues with cargo to be resolved such as damaged, claim, etc.</b>

System Admin	27	Ability to create, maintain, and view scheduled auto job history for various date/time ranges.	Please provide more detailed information as to what is considered a job, how your current TOS maintains, and views scheduled auto job history for various time ranges? <b>Current TOS is not capable of this. We require vendor to help guide terminal operators with implementation when SJPC is ready.</b>
Gate	3	Trouble Desk - Ability to route problems involved in Gate operations to Trouble Window automatically or (currently manual) manually.	Please can you provide more detailed information as to the future requirement? <b>In order not to slow the lanes when a problem occurs we would like the system to route the transaction to a separate user designated to research and correct problem gate activity.</b>
Gate	19	Provides mechanism to manage trouble transactions.	Please can you provide more detailed information concerning the management of trouble transactions? <b>We require the vendor to tell SJPC how their system handles trouble transactions.</b>
Gate	57	Ability to match Broker Release Number to Terminal Release Number	Please can you provide more detailed information concerning the ability to match a Broker Release Number to a Terminal Release Number? <b>Does your system store both numbers and can it compare the two if needed?</b>
General Cargo	6	Pro-Rate inventory	Please can you explain in detail the requirements for Pro-Rate Inventory? <b>When splitting inventory, allows user to pro-rate billing if needed.</b>
General Cargo	19	Create/update/manage service orders, records of events/transactional data from templates, status updates	Please can you explain in detail how service orders are used and the processes? <b>These are work orders to be performed, tracked, and billed by short ton, hours, etc.</b>
General Cargo	21	Plan work orders, create equipment usage requests, and manage specialized equipment requests.	Please can you explain in detail planning of work orders, create usage requests, and manage specialized equipment requests? <b>Vendor should explain how their system addresses this functionality. For some examples of services, see the Terminal Tariff on the port web site.</b>

General Cargo	45	Master file for trucking companies	Please can you provide an example of the Master File for Trucking Companies and how often it is updated? <b>A file with trucking company address, contacts, insurance, drivers, and assets (trucks, chassis, etc.) used by the TOS to authorize or reject access to the terminal.</b>
Vessel Ops	17	Remote or mobile access to information for night and weekend on-call waterway coordination.	Please can you explain the requirements for mobile access? <b>Does your system support mobile access? If so, for what functions?</b>
Web Portal	26	Provide capability for port personal to access customer service information by multiple data sources such as customer number, bill of lading number, dock receipt number, etc.	More details are required. The Web Portal provides access to search and retrieve cargo information based on a number of different parameters. Would this meet this requirement? <b>Yes, please provide examples.</b>
EDI	32	Process trucker delivery/pickup order via EDI or equivalent.	More details are required to understand the scope of "process trucker delivery/pickup order via EDI". There are various EDI options, including a REST API, which may meet this requirement. <b>We expect your API would meet this requirement. Please provide examples.</b>
EDI	42	Ability to configure messages for business logic rejections.	More details are required to understand the scope of the configuration messages for business logic rejections. <b>This feature allows the user to modify error messages to better reflect the local conditions.</b>
EDI	65	Creation of EDI partner mapping sets. Mapping sets include parameters of what to map like which terminal, which moves, which charges, etc.	More detail required to understand the scope of "process trucker delivery/pickup order via EDI". There are various EDI options, including a REST API which may meet this requirement. <b>See above.</b>

EDI	72	Tracking of EDI or equivalent transactions - mark transactions as EDI or equivalent required or not and mark as completed once processed.	Please provide more details as to the requirements. Master Terminal's EDI Operations Module as well as EDI Administration provides the functionality to view what EDI messages have been successfully loaded, partially completed or have errors. Would this meet this requirement? <b>Seems sufficient.</b>
EDI	73	Detail encryption options available within your EDI or equivalent processing software	EDI can be transferred via FTP, SFTP, or using SOAP/REST APIs provided over HTTPS. Is this the type of information you are looking for? If not, could you please elaborate? <b>Yes, acceptable.</b>
Integration	8	CCTV- Fill in Client Software Vendor & Version if applicable	In what context would a CCTV integration be required? The Master Terminal architecture provides a structured framework for integrating with external third-party hardware and software systems. Master Terminal supports a wide range of integration mechanisms. However, direct integration with specific systems would require a Customer Funded Enhancement. <b>This is a future requirement still to be determined. For example, SJPC would like the ability to view the truck and the trucker while processing at the gate.</b>
Integration	16	Handhelds – Cipher Lab RS50 Scan Gun	QR and barcode scanners are supported. Please can you provide more detailed information if this does not answer the question? <b>Yes, acceptable.</b>
Integration	20	RFID – Fill in Client Software Vendor & version if Applicable	Master Terminal does interface with RFID Readers at the Gates. Please can you provide more detailed information as to where the RFID is to be used? <b>Typically at the gates and a checkpoint on/off vessel and in/out of the warehouse.</b>

Integration	21	Sign Boards – Fill in Client Software Vendor & version if Applicable	<p>Can you provide more context on this integration requirement please? The Master Terminal architecture provides a structured framework for integrating with external third-party hardware and software systems. Master Terminal supports a wide range of integration mechanisms. However, direct integration with specific systems would require a Customer Funded Enhancement.</p> <p><b>Understood. This is a future requirement.</b></p>
Integration	22	Timekeeping Systems - Fill in Client Software Vendor & Version if applicable	<p>Can you provide more context on this integration requirement please? The Master Terminal architecture provides a structured framework for integrating with external third-party hardware and software systems. Master Terminal supports a wide range of integration mechanisms. However, direct integration with specific systems would require a Customer Funded Enhancement.</p> <p><b>Understood.</b></p>
Integration	23	Traffic Mitigation Systems (TMF) - Fill in Client Software Vendor & Version if applicable	<p>Can you provide more context on this integration requirement please? The Master Terminal architecture provides a structured framework for integrating with external third-party hardware and software systems. Master Terminal supports a wide range of integration mechanisms. However, direct integration with specific systems would require a Customer Funded Enhancement.</p> <p><b>Understood. This is a future requirement.</b></p>
Integration	24	Clean Truck Systems - Fill in Client Software Vendor & Version if applicable	<p>Can you provide more context on this integration requirement please? The Master Terminal architecture provides a structured framework for integrating with external third-party hardware and software systems. Master Terminal supports a wide range of integration mechanisms. However, direct integration with specific systems would require a Customer Funded Enhancement.</p> <p><b>Understood. This is a future requirement.</b></p>

Integration	25	Truck Company Management - Fill in Client Software Vendor & Version if applicable for example UIIA	Can you provide more context on this integration requirement please? The Master Terminal architecture provides a structured framework for integrating with external third-party hardware and software systems. Master Terminal supports a wide range of integration mechanisms. However, direct integration with specific systems would require a Customer Funded Enhancement. <b>Understood. This is a future requirement.</b>
Integration	26	Truck Driver Management - Fill in Client Software Vendor & Version if applicable for example UIIA	Can you provide more context on this integration requirement please? The Master Terminal architecture provides a structured framework for integrating with external third-party hardware and software systems. Master Terminal supports a wide range of integration mechanisms. However, direct integration with specific systems would require a Customer Funded Enhancement. <b>Understood. This is a future requirement.</b>
Billing	8	Provide for Tariff Commissions	Please can you explain the Tariff Commissions process and how it is calculated? <b>Please refer the tariffs located at <a href="https://www.southjerseyport.com/services/marine-tariff/">https://www.southjerseyport.com/services/marine-tariff/</a></b>
Billing	14	Ability to capture customer work order / reference number and include with billing details.	Please can you explain the process of the Customer Work Orders and their reference numbers? If possible, please provide an example of the required billing details? <b>Work orders include any of the activities that typically occur in a terminal or warehouse. For some examples of services, see the Terminal Tariff on the port web site. The customer may have their own work order number, release number, Bill of Lading number, etc. that needs to be included with billing in addition to the work order number assigned by SJPC.</b>

Billing	19	Ability to copy / clone tariff items.	Please can you explain and provide examples with regards to copying and cloning tariff items? <b>The ability to not have to rekey an entire tariff but to copy/clone a part of the tariff to reduce amount of keying.</b>
Billing	34	Provide the ability to add a customer and associated Port customer number for a BOL who is not the notify party or consignee.	Please can explain in detail and provide an example regarding a customer and associated port number for Bill of Lading who is not the notified party? <b>Vendor to explain how this situation would be handled by their system. SJPC bills from the manifest. If there is a change to the ultimate recipient of the cargo, we require a written financial responsibility commitment from the responsible party.</b>
Billing	67	Intra-terminal drays	Please can you provide more detail with regard to intra-terminal drays? For example, type of cargo, are the drays external (separated by a public road) what is the purpose of the dray? (stripping/stuffing/export etc.). <b>SJPC has two separate terminals separated by a one-mile public road and cargo is drayed between terminals by a third party, but controlled by SJPC.</b>
Reports	40	Warehouse clone and un-clone records report	Please can you explain the process of cloning and un-cloning records report and what the report is used for? <b>This is an audit-trail for document modification.</b>



## TERMINAL OPERATING SYSTEM (TOS) RFP - Requirements

#	South Jersey Port Corporation			Vendor Response		
	Area	Requirement / Feature	SJPC Current (C)	How	Available:	Vendor Comments
37	GATE	Manage the yard open times for vessel-empty release on booking by Line or container size/type	F	Manual	???	Need more requirement info to confirm if on Future Release. <b>This is a future requirement and has to do with controlling gate receiving or not receiving of empty equipment by various characteristics - size/type, destination, shipping line, etc.</b>
24	General Cargo	Manage cargo allocation, loading content, tagging, etc. Provide documentation for railcar loading, delivery receipts, delivery orders, waybills, rail BOL (EDI/API/404)	C	Manual	???	Is TOS expected to handle 404 EDI? <b>Yes, standard rail EDI transaction sets are expected either directly or through a third party</b>
15	Vessel Ops	Provide the ability to designate some berths as 'lay berth'	C	Manual	???	Will this berth need to function differently than other berths? <b>No.</b>
1	REPORTS	System provides a very rich reporting capability. System must have the ability to allow the system user to: select specific report types, select specific data fields to be displayed, sort by multiple fields, look at a report in summary or detail, report against all data fields maintained in the system.	C	Manual	???	Will SJPC having a 3rd party application that pulls this information be sufficient in the Reports area? <b>Yes, assuming it is seamless and supported through the primary vendor.</b>

S. No	Reference File	Functional Area	Serial No of the Feature	Functional Requirement	Current or Potential Future Requirement	Clarifications Sought
1	Exhibit A	Gate	5	Ability to interface to Gate RTLS (real time lane system) for truck tag ID number, trucking company, and other truck and driver details.	F	Request SJPC to share more information on Gate RTLS for interfacing <b>This is a future requirement that is not yet fully defined. SJPC would expect the vendor to help develop the strategy and solution depending on the state of the industry when this requirement is addressed.</b>
2	Exhibit A	Gate	6	Allows for automated update of U.S. Department of Agriculture (USDA) and U.S. Coast Guard holds (ACE)	C	Request SJPC to share more information for this requirement <b>Does your system have the ability to communicate electronically with USDA and/or ACE for cargo release / hold information, similar to an electronic interface with U.S. Customs.</b>
3	Exhibit A	Vessel Ops	4	Ability for remote user to access planning system to view reports.	F	Request SJPC to share more information for this requirement <b>This is related to vessel operations and asks if your system has the ability for a remote user (typically in a different office / location) to see vessel planning reports.</b>
4	Exhibit A	Vessel Ops	6	Ability to capture and run reports by commodity if provided by the Line or Customs.	C	Request SJPC to share more information for this requirement <b>Can your system run reports by commodity such as steel coils and/or plywood.</b>
5	Exhibit A	Vessel Ops	7	Ability to process oversize dimensions electronically and manually.	C	Request SJPC to share more information for this requirement <b>This relates to oversize cargo and if your system handles electronically or is manual intervention is required.</b>
6	Exhibit A	Billing	39	Ability to handle Special billings.	C	Request SJPC to share more information for this requirement <b>Can your system process billings outside of the normal weekly, monthly, etc. cycle. How is this handled?</b>
7	Exhibit A	Billing	41	Provide the ability to interface with the Terminal's existing financial system to transfer costs for final invoicing and billing.	C	Request SJPC to share more details/info on current Financial System product name and details and if public API is available for bi-directional exchange of data/information with the current financial system <b>SJPC Uses Traverse by Open Systems version # 11.0.10203.18017; Build 21090, and currently import via an S-TRANS file.</b>
8	Exhibit A	Interface	7	Bar Code - '-' Fill in Client Software Vendor & Version if applicable	F	Kindly share more information specific to Bar code interface with various systems Listed, the List of objects to be exchanged or a reference architecture depicting the Information Flow among all connected system <b>SJPC currently processes steel coils which are bar coded. Vendor's system is expected to be able to interface with these bar codes. This is a future requirement.</b>
9	Exhibit A	REPORTS	32	Provide the ability to access data points using a third-party dashboard reporting in multiple media platforms such as iPhone and iPad.	C	The required list of data points can be informed in the beginning phase of the implementation, when the interfaces for accessing the required data points shall be worked upon. <b>Sounds plausible. Please elaborate in your proposal.</b>
10	Exhibit A	Interface	1	Describe the system interfaces, APIs, and services to integrate legacy and 3rd-party applications with the TOS. Provide sample of documentation.	C	The proposed Solution will be capable of API integration with 3rd party application, However, Please confirm on the total no of external integrations required with info if it is one-directional or bi-directional data exchanges involved and also if it is on-call basis or real-time basis. <b>This is a generic interface requirement and your solution with an API should meet the SJPC requirement. Suggest you give an example of your solution in your proposal.</b>
11	Exhibit A	Interface	5	WMS: Ability to interface with ePortation software (system, stow code, bar code, and inventory counts).	C	Please provide more details like web services or API availability for interfacing with ePortation System and any conditions involved like platform bindings etc. for the same. <b>SJPC will coordinate with the awarded vendor to help integrate the TOS solution with any currently-used products.</b>

12	Exhibit A	Interface	6	CARGO REPAIR: Ability to interface with Dossier System used by Federal to repair, restencil, etc. damaged cargo	C	Please provide more details like web services or API availability for interfacing with Dossier System and any conditions involved like OS platform bindings etc. for the same like works only with .NET etc.  Please also let us know if the data will be exchanged in near real-time from source system to TOS and if data can receive the messages or info sent from TOS in near realtime. <b>Not applicable for cargo repair.</b>
13	Exhibit A	Interface	15	M&R : 'Dossier	C	Please provide more details like web services or API availability for interfacing with Dossier System and any conditions involved like OS platform bindings etc. for the same like works only with .NET etc.  Please also let us know if the data will be exchanged in near real-time from source system to TOS and if data can receive the messages or info sent from TOS in near realtime. <b>SJPC will coordinate with the awarded vendor to help integrate the TOS solution with any currently-used products.</b>
14	Exhibit A	Interface	16	Handhelds: 'Cipher Lab RS50 Scan Gun	C	Please let us know if Procurement of the specified handhelds is to done? and if so What will be the quantity required?  In case the Cipher Lab RS50 Scan Gun is already available, please let us know if the API, protocol interface for exchanging info with the Scan Gun is available. <b>The handhelds are already in place and operational at SJPC. Any additional equipment will be procured by SJPC and is outside the scope of this procurement.</b>
15	Exhibit A	Interface	7 to 28	1. 'Mgt. Dashboard 2. OCR 3. Reefer Monitoring 4. RFID 5. Sign Boards 6. Timekeeping Systems 7. Traffic Mitigation Systems (TMF) 8. Clean Trucks Systems 9. Trucking Co. Mgt. 10. Truck Driver Mgt. 11. Weigh in Motion Scales 12. Worker/ Visitor Access Control 13. CCTV 14. Barcode 15. Eqpt. Svc Monitoring	C,F	Request you to elaborate and provide more details on the interfaces availability etc. for this requirement. <b>These are both current and future requirements. Vendor should advise SJPC what, if any, experience the vendor and the software have with these types of potential interfaces and the product names.</b>
16	General	General	General	General	Future Requirement	Kindly mention the tentative timelines for Future Requirement Mentioned in Exhibit A <b>No specific timetable at this time. Much will depend on the success of this TOS implementation and the advancement of complimentary technologies.</b>
17	General	General	General	General	General	Please suggest if any technology preference like Java or open source or middleware. Any Specific Applications to be proposed <b>SJPC does not have a specific technology that it requires but SJPC prefers mainstream technology products.</b>
18	General	General	General	General	General	What is the EDI transaction per hour peak? <b>Expected to be low at initial start-up. Future volumes unknown at this time.</b>

19	General	General	General	General	General	What is the current TOS and what version is it? <b>Not relevant.</b>
20	General	General	General	General	General	Please specify the no. of Mobile users? <b>Expected to be less than 20 hand-held users at the beginning.</b>
21	General	General	General	General	General	What will be the number of concurrent desktop users? <b>Approximately 20-25 desktop users.</b>
22	General	General	General	General	General	What is expected number of end users, superusers, IT managers, and administrators of the system, for arriving on RBAC to be given. <b>This count is included in the above concurrent user totals.</b>
23	General	General	General	General	General	Kindly Share your view point for data transfer and security and guide lines. <b>Vendor should be able to demonstrate that his system is safe and secure for SJPC, it's customers and vendors.</b>
24	General	General	General	General	General	What is the capacity of the Terminal? How many MMT through put for a year (Present & Future) : . Bulk . Break Bulk <b>The cargo relevant to the TOS System is approximately 1 million tons annually .</b>
25	General	General	General	General	General	Tentative Concurrent count of users for Internal and external <b>Please see above information for internal counts. We currently do not have the capability for external users, but would like to do so in the future. We anticipate no more than fifty external users if given this capability.</b>
26	General	General	General	General	General	Please specify the number of licensed users required explicitly for the web application, mobile and the portal if any for Onprem Model. <b>Please see above counts.</b>
27	General	General	General	General	General	Any reference architecture or information about the entire System Interfaces available for Bulk, Break Bulk & Automotive can be provided which will help to development team. <b>We do not have that information.</b>
28	General	General	General	General	General	Please suggest on the number of Berths, Gates, yards, weighbridges and other equipment in operation at SJPC. <b>5 Berths, 2 gates, 2 yards, and no weighbridges.</b>
29	General	General	General	General	General	Please share more information on the Data Migration and what is the period of data to be migrated. <b>At minimum all "current" data on current cargoes will need to be migrated. After that it will depend on what relevant data is needed and available. At worst case data can be "keyed".</b>
30	General	General	General	General	General	Please confirm frequency on the back up of data to be stored <b>Ideally it would be real time or near real time as this is an operational system. Vendor should advise / recommend.</b>
31	General	General	General	General	General	With refence to the rfp it is understood that mobile application is required for internal operations and Portal Users, The solution will be provided for Pilotage, Quayside operations, Berth operations, Kindly confirm if entire application is made available on mobile. <b>Ideally fully mobile would be preferred but SJPC will consider lesser solutions.</b>
32	General	General	General	General	General	Please confirm on the scope of All the interfaces mentioned in Exhibit A, What all business Objects are expected to be exchanged <b>As these interfaces are both current and future we believe the current interfaces are self evident and those in the future are TBD.</b>
33	General	General	General	Team Should be available at 24X7	-	It is requested to clarify that Office space along with requisite computers, Video Conferencing, telecalling, internet facility and other hardware will be provide to support team. <b>SJPC will make every attempt to facilitate the vendor however current safety and health restrictions dictated by the state of NJ could reduce onsite availability. This is a fluid situation.</b>