



Customer Profile

FOR

Eagle Eyes

(Checklist)

Questionnaire for container and Multipurpose Terminals.

Overview:

Page 1 of 5



Table of Contents

Part 1 : GENERAL INFORMATIONS 2

Part 2 : Technical Information for project.....3

Part 3 : Project Milestone 4

Part4 : Scope of project.....5

Part 1 : GENERAL INFORMATIONS

Definitions, Acronyms and abbreviation

Acronym	Description
ACH	Auto Hand-Off System
CPS	Chassis Positioning System
DGPS	Differential GPS
Eagle Eye	CLT’s integrated package of process automation system, consist of ACH, RTLS and other functionalities.
INS	Inertial Navigation System
ITV	In-Terminal Vehicle (Terminal Truck or Yard Tractor)
OTR	External Trucks
PDS	Position determination system, Electric/Electronic multiple I/O handler for extracting equipment’s operational information
RFID	Radio Frequency Identification
RTLS	Real Time Location System
STS	Ship-to-shore Crane, Quay Crane
TOS	Terminal Operating System
VMT	Vehicle Mounted Terminal
YT	Yard Tractor(In-Terminal Vehicle or Terminal Truck)

Additional Note



General Information

Please describe general information about the terminal

Item	Target Terminal	Remark
1. Depot area	- Length : - Width :	
2. Number of Berth		
3. Capacity	TEUS	
4. Ground Slot		
7. Quantity for Equipment	- Quay Crane : __ Unit - Head Truck : __ Unit - Chassis/Trailers : __ Unit - Reach Stacker : __ Unit - Side Loader : __ Unit	Please describe the equipment and quantity for which the Eagle eye be applied

Part 2 : TECHNICAL INFORMATION FOR PROJECT

Here is listed the information required for the project. Please let us know the specification of existing ones. If you have more than two types of devices, please describe them separately.

VMT of Equipment

Component	VMT for yard tractor (ITV)	VMT for Yard Crane (RTG, RMG)	VMT for STS
Manufacturer			
Model			
OS			
RAM			
Display			
Screen Resolution			
HDD			
I/O Interface			
Power supply			
Electricity			
Battery			
Quantity			

Additional Note



Equipment Informatio

Component	STS tracking technology	Yard Crane (RTG, RMG) tracking technology	Reach Stacker /Side loader tracking technology
Gantry Model			
Gantry Positioning technology	Encoder / GPS / DGPS / RTK	Encoder / GPS / DGPS / RTK	
Positioning device Model			
Antenna Position	Please provide picture if possible	Please provide picture if possible	
VMT Interface	USB/Serial	USB/Serial	
Crane PLC			
Trolley/hoist/twist-lock signal interface	RS-232, TCP/IP	RS-232, TCP/IP	
Data Stream	ASCII stream	ASCII stream	
Quantity of Equipment			

Component	Yard Tractor (ITV) tracking technology	Component	External Truck tracking technology
Vehicle Model		RFID	Passive/active
Positioning mode	GPS Yes or No?	Detecting at	Gate/fixed position/RTG
Model		Frequency	900Mhz, 2.4Ghz
Antenna Position		Other Technology	OCR at gate
VMT Interface			
Quantity of Equipment			

Part 3 : PROJECT MILESTONE

Please describe expected major project milestone.

Milestone	Date	Remark
Contract		
Project Kick Off		
Trial operation		
Go Live		

Additional Note



Part4 : SCOPE OF PROJECT

Please describe the project scope.

Scope of project	Y/N	Remark
Asset Monitoring and tracking for Yard Crane by gathering info. from Yard Crane		
Asset monitoring and tacking for Quay Crane for monitor and gathering info. From Crane		
Yard tractor tracking & asset monitoring		
Please describe the Telematics information you would like to monitor for Yard Crane, Quay Crane, ITV, and so on		
Is there anything else you would like to mention about asset monitoring features such as ACH?		
Automated container hand-off between Yard Crane and yard tractor		
Automated container hand-off between Yard Crane and external truck		
Automated container hand-off between Quay crane and yard tractor		
Is there anything else you would like to mention about process automation features such as ACH?		
Do you want to monitor equipment through Visualizer (2D/3D visualizer)		
Are you interested in Automatic Gate System / OCR and Damage Checking system of Gate		
Are you interested in Automatic Quay Crane System / OCR and Damage checking system		
Management Dashboard for productivity and alarm management of Eagle Eye		
Please describe additional areas of interest in automation		

Additional Note