



Wabtec Master Terms & Conditions Contract Northstar SCADA & PACIS intergraded with LRT

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The Benefits of a Master Contract with Wabtec

- Streamline the contracting process with this Sole Source vendor by reducing the negotiating process for multiple projects
- Project schedule predictability
- Negotiation leverage with multiple projects
- Save staff time and resources
- Allowance of flexibility – where special terms can still be added to work orders
- Consistency

List of upcoming projects with Wabtec:

- **Northstar:**

- SCADA and PACIS system merger with LRT
- Positive Train Control maintenance



- **Lightrail:**

- SCADA and PACIS maintenance contract
- Blue Line enhancement Phase IIB
- LRT Traffic interconnects
- Blue Line State of Good Repair phase III
- Green Line and Downtown Mpls switch heater rehab project
- Green Line Variable Message Sign upgrades
- Blue line Variable Message Sign upgrades
- St. Paul LRV Storage barn

SCADA

- SCADA-Supervisor Control and Data Acquisition software. This software monitors the computer systems that are in the field and reports status of equipment to the control center. When a piece of equipment fails the control center is notified and system technicians are dispatched to repair the failed equipment.

The screenshot displays a SCADA interface for 'Platform Edge Heat' monitoring. The interface includes a navigation bar at the top with options like 'Emergency', 'Summary', 'Administration', 'System', 'Display', and 'Logon'. The main content is a table with the following columns: 'Override On CONTROL', 'Override Off CONTROL', 'Heat', 'Snow', 'Alarm', 'Power', and 'Temp'. The table lists 14 different station tracks. The 'Temp' column for several tracks is highlighted in red boxes, indicating a 'HI TEMP' status.

	Override On CONTROL	Override Off CONTROL	Heat	Snow	Alarm	Power	Temp
West Bank - Cedar Stairtower	OFF	OFF	OFF	CLEAR	NORMAL	OFF	NORMAL
West Bank - 19th Stairtower	OFF	OFF	OFF	SNOW	ALARM	ON	HI TEMP
East Bank Track 2	OFF	OFF	OFF	CLEAR	NORMAL	OFF	NORMAL
East Bank Track 1	OFF	OFF	OFF	CLEAR	NORMAL	ON	HI TEMP
Statium Village Track 2	OFF	OFF	OFF	CLEAR	NORMAL	ON	HI TEMP
Statium Village Track 1	OFF	OFF	OFF	CLEAR	NORMAL	ON	HI TEMP
Snelling Track 2	OFF	OFF	OFF	SNOW	ALARM	ON	HI TEMP
Snelling Track 1	OFF	OFF	OFF	CLEAR	ALARM	ON	HI TEMP
10 TH Street Track 2	OFF	OFF	OFF	CLEAR	ALARM	ON	HI TEMP
10 TH Street Track 1	OFF	OFF	OFF	CLEAR	NORMAL	ON	HI TEMP
Union Depot Track 2	OFF	OFF	OFF	CLEAR	NORMAL	ON	NORMAL
Union Depot Track 1	OFF	OFF	OFF	CLEAR	NORMAL	ON	HI TEMP

PACIS

- PACIS-Public Address/Customer Information System. This is the system that controls and monitors the Public Address speaks and the message displayed on the platform reader boards. This system also work with the SCADA system to provide arrival times of trains at stations.



First project to use the Master Contract

Northstar SCADA and PACIS system into LRT software systems

Proposed Action:

That the Council authorize its Regional Administrator to negotiate and execute a sole source agreement with Wabtec to program Northstar SCADA and PACIS into the existing Light Rail systems in an amount not to exceed \$800,000.

Thank You! Questions?

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