

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

Michael Guse, Project Manager – Light Rail Operations

Jody Jacoby, Director - Procurement



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

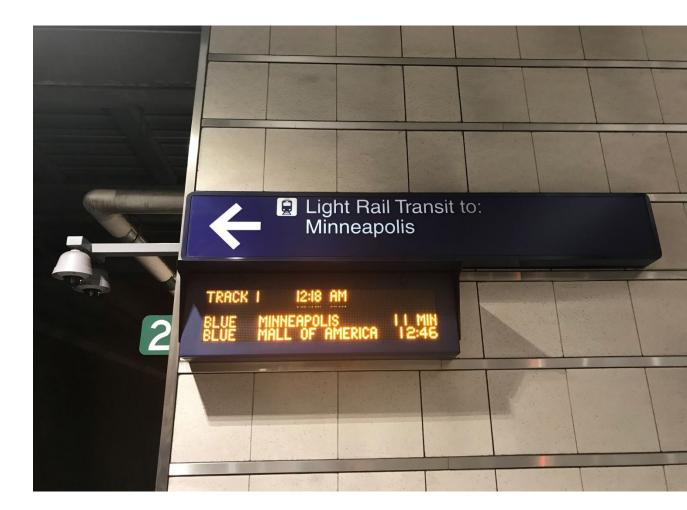
 SCADA-Supervisor Control and Data Acquisition software. This software monitors the computer systems that are in the field and reports status of equipment to the control center. When a piece of equipment fails the control center is notified and system technicians are dispatched to repair the failed equipment.

| Emergency Summary Administration System Display Logon | | | | | RECALL | ONLINE 64210 | mc5irhost01p mc5irhost02p Remote |
|---|-----|-----|------|-------|--------|--------------|-------------------------------------|
| Platform Edge Heat | | | | | | | |
| | | | 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 | НІ ТЕМР |
| Statium Village Track 2 | OFF | OFF | OFF | CLEAR | NORMAL | ON | НІ ТЕМР |
| Statium Village Track 1 | OFF | OFF | OFF | CLEAR | NORMAL | ON | НІ ТЕМР |
| Snelling Track 2 | OFF | OFF | OFF | SNOW | ALARM | ON | НІ ТЕМР |
| Snelling Track 1 | OFF | OFF | OFF | CLEAR | ALARM | ON | НІ ТЕМР |
| 10 [™] Street Track 2 | OFF | OFF | OFF | CLEAR | ALARM | ON | НІ ТЕМР |
| 10 [™] Street Track 1 | OFF | OFF | OFF | CLEAR | NORMAL | ON | НІ ТЕМР |
| Union Depot Track 2 | OFF | OFF | OFF | CLEAR | NORMAL | ON | NORMAL |
| Union Depot Track 1 | OFF | OFF | OFF | CLEAR | NORMAL | ON | НІ ТЕМР |
| 3 🕐 🤹 🖷 | | | | | | | \$ |



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?

Michael Guse

Michael.Guse@metrotransit.org

612-341-5759

Jody Jacoby

Jody.Jacoby@metc.state.mn.us