JOHN DRAKE
1700 Carnegie Ave. Suite 100
Santa Ana, CA 92705-5551
Phone: (512)592-9567
email: jgd@iteris.com, web site: www.iteris.com

EQUIPMENT QUOTE
Quote #: 032216-1-JGD

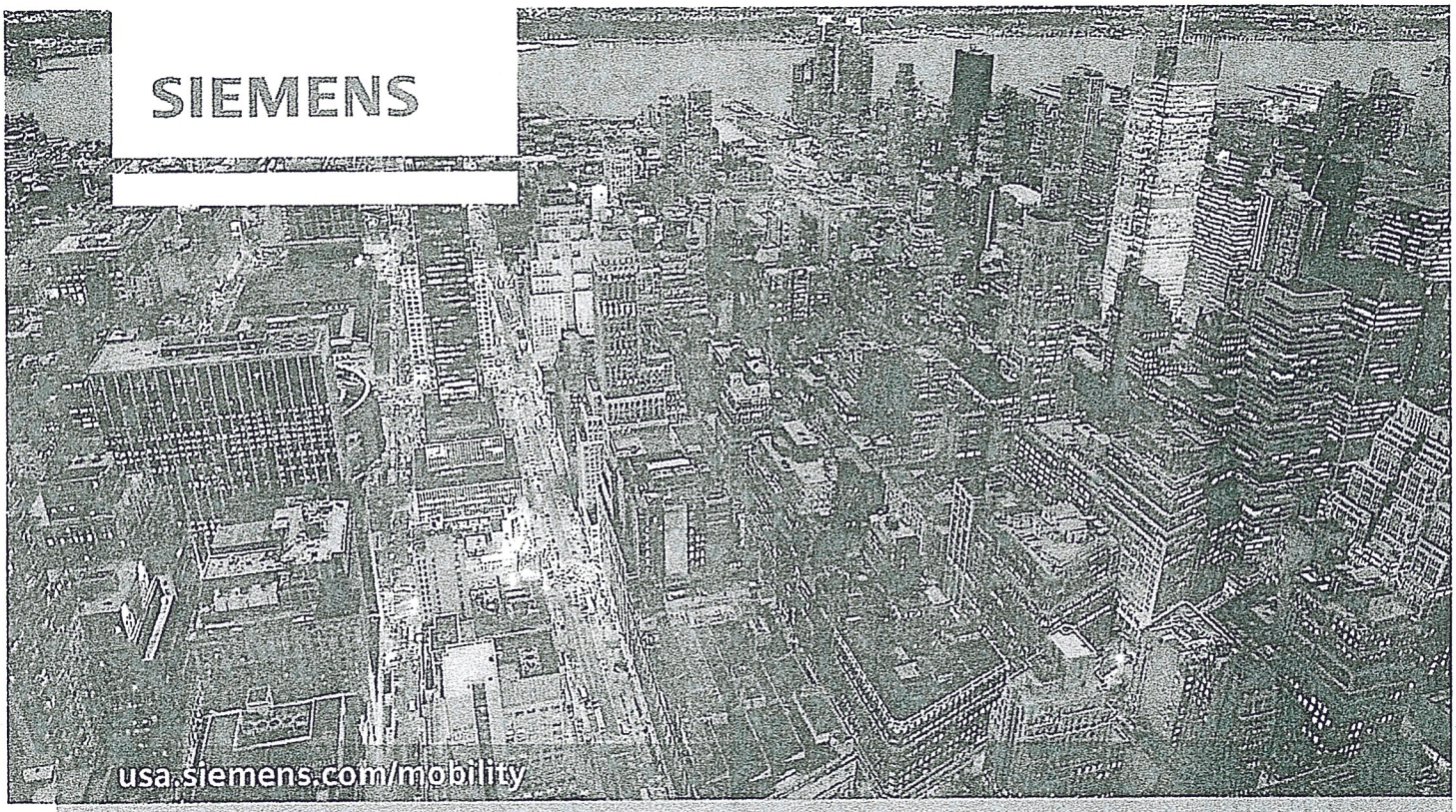
Bobby Mercer bmercer@round-rock.tx.us
Round Rock, City of
221 East Main,
Round Rock, TX 78664

Agency: ROUND ROCK
Project Name:

March 22, 2016

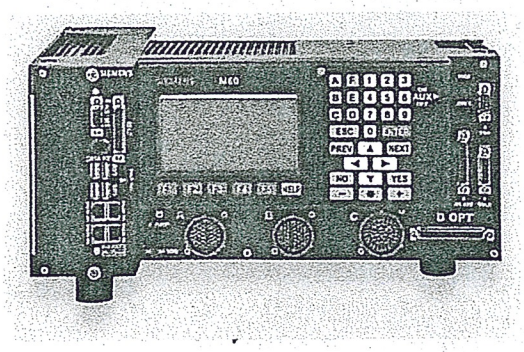
ITEM #	DESCRIPTION	NOTES	QTY	SUPPLIER	UNIT PRICE		EXT. PRICE
8132-0000-099	M60 NEMA LINUX SEPAC/NTCIP	TRADE-IN PRICE	90		$2,050.00		$184,500.00
Fax or email Purchase Orders to: Marilyn Holden, (949) 270-9441, mdh@iteris.com, please include quote number on your purchase order					SUBTOTAL		$184,500.00
Quote Terms: Net 30 days, subject to credit approval and Iteris Standard Terms & Conditions unless negotiated in writing with Iteris, Inc. prior to purchase.					FREIGHT		PPD
Prices are valid for 30 days from the date of quote unless extended in writing.					TAX		0.00%
FOB Destination, freight included, does not include insurance. Equipment from this quote may only be installed in the State of Texas.					DISCOUNT		0.00%
This quotation and any resulting order are subject to Iteris' Roadway Sensor Products Standard Terms and Conditions of Sale attached hereto or available at http://www.iteris.com/RS-Std-TC.pdf, which are incorporated herein by this reference.					TOTAL		$184,500.00

SIEMENS



m60 Series ATC

The Advanced Traffic Controller for NEMA-style cabinets



Description

The Siemens m60 series ATC complies with the industry's latest Advanced Traffic Controller (ATC) standard 5.2b. Built on the proven m50 hardware architecture, combined with powerful industry-leading SEPAC software, the Linux-based m60 series ATC provides a host of functions to meet the needs of traffic agencies of all sizes. The m60 series ATC provides multiple Ethernet, USB and other industry-specific interfaces, facilitating both backwards and forwards compatibility. The m60 series ATC also enables easy hosting of third-party applications. In addition, the m60 series ATC exceeds industry standards by providing usability features that include the new Siemens Multiview Display concept (SMD) with real-time active status, context-sensitive HELP screens and user-programmable favorite buttons. The m60 series ATC is truly a nerve center for the connected intersection of the future.

Features

- Exceeds ATC standard 5.2b compliance
- Active TFT backlit LCD display with Siemens Multiview Display Technology
- Modular ATC Communications hub
- Convenient field upgrade packages
  - Linux upgrade package
  - m50 USB upgrade package
  - m60 ATC upgrade package
  - m60 NEMA upgrade package

Benefits

The Siemens m60 series ATC provides a vast array of benefits compared to other similar products in the industry.

At the heart of the m60 series ATC is the Siemens Multiview Display (SMD) concept. The SMD provides the user with multiple time-saving mechanisms to operate and program traffic controllers. For ease of operation, the 16 line display is split into an active programming view at the top and a dynamically updated active status view – or the context-sensitive HELP – at the bottom. This dual view enables users to dynamically visualize the impact of their programming changes on the overall efficiency of the intersection.

In addition, the ability to program customized function buttons to a specific menu item ensures quick navigation, making the operation of an m60 series ATC fast and efficient.

Having built upon the proven Siemens m50 hardware platform, the m60 series ATC offers a range of possibilities to address financial and technological constraints faced by traffic agencies.

Controllers by Siemens

Central Processor Unit (CPU)

- Open architecture platform with standard Linux operating system
- MPC 8270 266MHz processor
- 512MB FLASH, 64MB DRAM and 2MB SRAM
- TOD Clock with automatic daylight savings time adjustment
- Power supply will power the SRAM during power failures
  - Supports SEPAC controller software
  - SD memory card
  - Operating System: Linux 2.6.39

Keyboard and Display

- Siemens Multiview Display with dual view screens
  - 5 1/8 inch active TFT display
  - Easily removable display and keypad
  - Easily identifiable, discrete HELP button
  - Real-time context sensitive HELP screens
  - User programmable function buttons F1 to F5
- Removable LED backlit LCD with 16 lines of 40 characters with adjustable contrast
- Emulation of terminal per Joint NEMA/AASHTO/ITE Standard
- Key quantity and function per Joint NEMA/AASHTO/ITE Standard

m60 ATC Communications Module

- 10 Base-T Ethernet with built-in switch and 4 front panel RJ-45 connectors
  - ENET1 and ENET2 network switches
  - 5 10/100 TCP/IP ports
- 4 USB 2.0 Ports and a Datakey Port
- Dedicated GPS - SP8 Port (9pin EIA-574)
- Unique MAC address assigned by the Institute of Electrical and Electronic Engineers (IEEE)
- EIA-232 port for uploading/downloading applications software and OS updating
- Single and multi-mode fiber optic options
- 1200 bps Frequency Shift Keying (FSK) modem (optional) – Datakey

Communication

- SDLC
- Serial Port
- FSK Modem

Hardware Specifications

- Dimensions
- Power Supply
- Temperature

Controller Housing

- 7 slots with card guides for standard size Versa Modules
- 2 slots with card guides for standard Joint NEMA/AASHTO.ITE ATC modems (optional) or ATC Communication Module or USB Plate
- Polycarbonate construction (excluding back panel), rear mounting tabs and aluminum power supply mounting plate for electrical grounding
- Carrying handle

All Siemens controllers and accessories are built with the highest standards in quality and manufacturing. With a long standing history of technological innovations, well renowned customer service, and high quality products and services, Siemens is the leader in traffic technology products and solutions. For more information on our product line see our website at www.usa.siemens.com/mobility

Material	Description
m60 Series Basic Controller	
TYZ:EPAC6138M62	NEMA m62 Controller - Base Unit w/o Communication Modules, Optional Modules or Software Options - 16 Line Multiview Display - Linux Processor
Communication Modules	
TYZ:AAD16481-002	2070-7A Module RS232 TEES 2009
ACP15026P001	Internal FSK Modem - Half Duplex
TYZ:AAD15026-002	Internal FSK Modem - Full Duplex
TYZ:AAD15288-013	Port 3 RS232 Module - Datakey 8MB
TYZ:AAD15288-014	Port 3 RS232 Module - SMF Module - Datakey 8MB
TYZ:AAD15288-015	Port 3 RS232 Module - MMF Module - Datakey 8MB
m60 Series Optional Modules	
TYZ:AAD17048-001	m60 ATC Communications Module
TYZ:PDM08602-001	USB Plate for standard NEMA
Software Options	
TYZ:MBU15805-455	SEPAC NTCIP LINUX VERSION 4.55
TYZ:MBU16037-355	SEPAC ECOM LINUX VERSION 3.55
m60 Series Upgrade Kits	
TYZ:MBV17084-001	M50 LINUX UK - m50/m60 Linux Engine Board - m50 Field I/O Board w USB
TYZ:MBV17085-001	m62 NEMA UK - m52 OS9 to m62 Linux Upgrade Kit - Linux Processor - 16 Line Multiview Display - Field I/O Board Rev 2.1 - USB Plate
TYZ:MBV17086-001	m62 ATC UK - m62 NEMA to m62 ATC Upgrade Kit - m60 ATC Communications Module - m62 Backplane - m60 Power Supply - Cable Set
m60 Series Modules and Spare Parts	
TYZ:AAD17047-001	m60 16 Line Display
TYZ:AAD14877-006	m60 Power Supply Module
TYZ:AAD17048-001	m60 ATC Communications Module
PXX07659-001	m50/m60 Linux Engine Board
TYZ:ACP17049-001	m60 Backplane

SIEMENS

Infrastructure & Cities

March 31, 2016

Bobby Mercer

City of Round Rock
2015 Lamar
Round Rock, TX 78664
Transportation Superintendent

RE: Sole source letter

Dear Mr. Mercer:

Siemens Industry, Inc., Road and City Mobility is pleased to notify you that Iteris is the sole distributor authorized to sell, install, and support Siemens traffic control products within the City of Round Rock.

Additionally, as Iteris is the sole authorized distributor in the City of Round Rock, they provide first line repair services for Siemens traffic control products and serve as the proper avenue for all service and warranty repairs. Please note that Siemens warranties on products can only be honored if all components are official Siemens parts and all services have been performed by authorized Siemens repair facilities. Repairs to Siemens traffic control products by unauthorized repair facilities could void any warranty and/or functional responsibility on the part of Siemens.

Sincerely,

Steve Gitkin
Director of Sales

Siemens Industry, Inc.
Infrastructure & Cities Sector

9225 Bee Cave Road, Suite 101B
Austin, TX 78733

Tel.: +1 512-837-8300
Fax: +1 512-837-0196

Justification Form

Instructions: Complete this form for all Proprietary Purchases that will exceed $3,000.00, where competition is not being considered and submit the document to the Purchasing Department.

Request No.: _____ Cost: $184,500.00 Date: 04/04/2016

Commodity Code: 550-88 Briefly describe Goods/Services being purchased: _____

Siemens M60 Advance Traffic Signal Controller

Proposed Vendor: Iteris Vendor No.: 51986

I. The requested goods/services are proprietary due to (check all that apply):

☐ COMPATIBILITY - Must fit and function without modification on existing piece of equipment. List existing piece of equipment: _____

☐ REPLACEMENT/MAINTENANCE - Repair or maintenance from other than original manufacturer or manufacturer authorized service providor would void warranty. List existing piece of equipment: _____

☑ SOLE SOURCE/ONLY KNOWN SOURCE - Available from only one vendor or source. Name of source: Iteris

☐ CITY STANDARD (Standards list on file). Standards list provided to Purchaser: ☐ Y or ☐ N

☐ OTHER - Explanation Required: _____

II. Provide full explanation, complete descriptions, relevant reasons, and documentation supporting this request.

Traffic Signal Controllers are an upgrade from current controllers that we have. The new controllers have a Linux based operating system with faster processing speed that allows for updated firmware options and communication features that will allow greater traffic mobility.

III. Submit documentation and detailed explanation regarding other providers whose products or services have been evaluated and the reasons why those products or services do not meet requirements.

Iteris is the sole distributor and support for Siemens products. The controllers work in conjunction with our Siemens Traffic Management Software.

IV. By submitting this request, I certify that the above justification is accurate and complete to the best of my knowledge and that I have no financial or other interest in selecting the vendor to provide the goods or services indicated.

Requestor	Dept.	Phone	Date
Bobby Mercer	Transpotation	(512) 341-3309	04/04/2016

Dept. Approved (Supervisor/Manager) — Date: 04/04/2016

**** TO BE COMPLETED BY PURCHASING ****

V. Based on the above and (any) attached document(s), I ✓ concur/ ___ do not concur with this justification.

Purchaser/Buyer: Michael Schumann — Date: 04-20-16 — P.O. #: _____

VI. APPROVED: YES NO

Purchasing Supervisor/Manager — Date: 4/26/16

REVISED: 08/2011

04/13/2016

DPR 161078

General Notes:

M60 Controller are an upgrade to replace existing controllers for enhanced mobility option for traffic. Quoted price includes trade-in discount. This IS a split Distribution transaction. $161,600 from Type B fund Account:60427000-6117 & $22,900 from Account:10027006-617.

ROUND ROCK TEXAS

Bill To
FINANCE ADMIN / ACCTS PAYABLE
CITY OF ROUND ROCK
221 EAST MAIN STREET
ROUND ROCK, TX
78664
apinvoices@roundrocktexas.gov

Requisition 00161078-00 FY 2016

Acct No:
100-27-27006-6117-
Review:
Buyer:
Status: Released

Vendor
ITERIS INC
3755 SOUTH CAPITAL OF TEXAS HW
SUITE 105

AUSTIN, TX 78704

Fax 949-270-9421

Ship To
TRAFFIC SIGNALS & SIGNS
CITY OF ROUND ROCK
2015 LAMAR DRIVE
ROUND ROCK, TX 78664

Date Ordered	Vendor Number	Date Required	Ship Via	Terms	Department
04/13/16	051986	04/15/16			TRANS TRAFFIC SIGNALS & SIG

LN	Description / Account	Qty	Unit Price	Net Price
	General Notes			
	M60 Controller are an upgrade to replace existing controllers for enhanced mobility o			
001	M60 NEMA LINUX SEPAC/NTCIP, 8132-0000-099, this includes trade-in discount. Vendor Item	90.00 EACH	2050.00000	184500.00
	1 604-27-27000-6117-			161600.00
	2 100-27-27006-6117-			22900.00

Ship To
TRAFFIC SIGNALS & SIGNS
CITY OF ROUND ROCK
2015 LAMAR DRIVE
ROUND ROCK, TX 78664

Requisition Link

Requisition Total 184500.00

***** General Ledger Summary Section *****

Account		Amount	Remaining Budget
100-27-27006-6117-		22900.00	260240.00
Traffic Signals & Signs	Traffic Signals		
604-27-27000-6117-		161600.00	.00
Transportation Administration	Traffic Signals		

***** Approval/Conversion Info *****

ROUND ROCK TEXAS

Bill To	Requisition 00161078-00 FY 2016
FINANCE ADMIN / ACCTS PAYABLE CITY OF ROUND ROCK 221 EAST MAIN STREET ROUND ROCK, TX 78664 apinvoices@roundrocktexas.gov	Acct No: 100-27-27006-6117- Review: Buyer: Status: Released

Vendor
ITERIS INC
3755 SOUTH CAPITAL OF TEXAS HW
SUITE 105

AUSTIN, TX 78704

Fax 949-270-9421

Ship To
TRAFFIC SIGNALS & SIGNS
CITY OF ROUND ROCK
2015 LAMAR DRIVE
ROUND ROCK, TX 78664

Date Ordered	Vendor Number	Date Required	Ship Via	Terms	Department
04/13/16	051986	04/15/16			TRANS TRAFFIC SIGNALS & SIG

LN Description / Account			Qty	Unit Price	Net Price
Activity	Date	Clerk	Comment		
Approved	04/13/16	Danny Halden	Auto approved by: 6455tkel		
Approved	04/13/16	Gary Hudder	Auto approved by: 6455tkel		
Approved	04/13/16	John Dean	Auto approved by: 6455tkel		
Approved	04/13/16	Mike Ackerman	Auto approved by: 6455tkel		
Approved	04/13/16	Todd Keltgen			
Approved	04/13/16	Erica Solis	Auto approved by: 6455jrho		
Approved	04/13/16	Elaine Wilson	Auto approved by: 6455jrho		
Approved	04/13/16	Jodi Rhodes			
Approved	04/13/16	Kevin Klosterboer	Auto approved by: 6455jrho		
Approved	04/13/16	Lisa Haines	Auto approved by: 6455jrho		
Approved	04/13/16	Misty Gray	Auto approved by: 6455jrho		
Forward	04/13/16	Ron Hunter	Automatic Forward to 6455msch		
Approved	04/13/16	Becca Thibodaux	Auto approved by: 6455lols		
Approved	04/13/16	Lynn Olsen			
Queued	04/13/16	Michael Schurwon			
Queued	04/13/16	Yvonne Hopkins			
Pending		Ron Hunter			