

ENGINEERING DEPARTMENT

Hameed Malik, PE, Ph. D., Director
John Ussery, PE, Assistant Director of Traffic

MEMORANDUM

TO: Ms Geri Sams – Procurement Director

FROM: Hameed Malik, P.E., Ph D., Engineering Director

DATE: January 29, 2024

SUBJECT: Traffic Signal Equipment for Masters Tournament

Rhythm Engineering is an industry standard company that supplies hardware and software solutions for adaptive traffic signal timing. This is the standard (and only) adaptive timing system utilized in Richmond County for all traffic signals. This emergency procurement proposal is to purchase parts for a new, temporary traffic signal on a major route to and from the Masters Tournament. With the Masters Tournament coming up in less than two months, Augusta Traffic Engineering needs to get the temporary signal installed as soon as possible. This emergency purchase is necessary to tie the temporary signal into the other existing traffic signals along this corridor. All the nearby signals run the Rhythm Engineering In-Sync adaptive timing system. This will play a critical role in providing safe and efficient traffic and pedestrian flow along the corridor during the tournament. This emergency procurement is essential to give AED Traffic Engineering the tools necessary for full control during the tournament.

Rhythm Engineering is headquartered in Kansas City, MO and has customers throughout the United States and the world. Funding is available through the Traffic Engineering account #101041710-5311610.

JU/SR

cc: File



Quotation / Offer

This Quotation constitutes an offer by Rhythm to enter into a purchase contract. Client's acceptance of the unaltered terms of this offer, signified by Client's signature affixed to this offer, shall create a binding contract between Rhythm and Client. As is the case with any contract, neither party may modify the terms of this contract except by a writing signed by both Rhythm and Client. Unless signed by both Rhythm and Client, a writing or other document prepared or delivered after the creation of this contract shall be of no force or effect. The General Conditions are an integral part of Rhythm's Quotation / Offer.

Agency & Project

Augusta, GA

Washington Rd & River Ridge Dr

Quote Addressed To

Bill Robinson

Augusta Traffic Engineering
452 Walker St
Suite 110-TE
Augusta, Georgia 30901
USA

Quote Information

Company Address 14019 W 95th St
Lenexa, KS, Kansas 66215
USA
Phone (913) 227-0803
Prepared By Ashley Reynolds
Email ashley.reynolds@rhythmtraffic.com

Created Date 1/4/2024
Expiration Date 4/4/2024
Opportunity Number 017325

Addresses

Invoice Address Augusta Traffic Engineering
452 Walker St
Suite 110-TE
Augusta, GA 30901

Shipping Address Augusta Traffic Engineering
452 Walker St
Suite 110-TE
Augusta, GA 30901

Quote Line Items

Product	Product Description	Line Item Description	Quantity	Sales Price	Total Price
In Sync	In Sync System - includes cameras, processor, and configuration services.		1.00	\$27,000.00	\$27,000.00
Optical Detection Kit	Bosch Enclosure w/Camera		4.00	\$0.00	\$0.00
Luminaire Kit - Pelco Alternative	Skybracket luminaire mounting kit, 12" riser		4.00	\$0.00	\$0.00
Bluefin (AMS 300) Processor	Processor, iBase, AMS300, Win10 LTSB 2016 License, Rotatable DIN rail bracket		1.00	\$0.00	\$0.00
Cabinet Interface - In Sync	Integration with 332, NEMA or ATC ITS traffic cabinets.		1.00	\$4,000.00	\$4,000.00
Equipment Panel	Power supply and network connectivity for In Sync hardware		1.00	\$0.00	\$0.00
Cable, C1, Mode 0, Standard			1.00	\$0.00	\$0.00



Pedestrian Integration	Integrates Pedestrian Operations. Includes hardware (Intercept Module) for SDLC integration.	1.00	\$5,400.00	\$5,400.00
DIN Relay IV	Digital-Loggers Ethernet DIN Relay IV	1.00	\$378.00	\$378.00
Cable, Category 6 Ethernet (1000 ft)	Category 6 Ethernet Cable: Direct Burial, shielded, 4x twisted pair, 23 AWG solid copper	1.00	\$3,000.00	\$3,000.00
Cable, Power 14-3 with shield	1000-ft roll of camera power cable	1.00	\$950.00	\$950.00
Shipping & Handling	FOB Lenexa	1.00	\$162.00	\$162.00
Engineering Services	Rhythm Engineering Hourly Rate	80.00	\$200.00	\$16,000.00
Technician Services	Rhythm Engineering Hourly Rate	8.00	\$150.00	\$1,200.00
InjSync Comprehensive Warranty & Support	2 year Hardware warranty & 1 year each Software/Support contract	1.00	\$0.00	\$0.00
Subtotal			\$58,090.00	
Total Price			\$58,090.00	
Grand Total			\$58,090.00	

General Conditions

Rhythm Engineering will be responsible for the following tasks:

1. Provide materials per the approved Quotation and subsequent Purchase Order.
2. Provide specifications for materials to be supplied by Client: wires, connectors, and specialized installation tools as well as camera mounting hardware, if needed.
3. Once VPN access is provided to the entire InjSync system, provide remote support to Client during the installation process. Provide Camera placement guidance.
4. Provide on-site classroom and hands-on training to Client (if purchased), or their designee, for installation procedures of the InjSync equipment. This includes at a minimum: desired camera views, drawing detection zones and segments, connection of Ethernet cables, mounting of InjSync processor(s) and site equipment panel in the traffic cabinet, connection details of cables, connection of the pedestrian intercept feature, placing and cabling of detector-cards in the detector card rack (if applicable), monitor mounting and connections, and local processor accessibility.
5. Provide training for Client traffic engineering staff in the system parameters configuration, maintenance, and operation of InjSync.
6. Consult with Client traffic engineering staff to define the operating parameters for initial system operation, including but not limited to: allowed movements, desired progression routes, travel times, phasing, amber times, all-red times, pedestrian walk and flashing don't walk times, traffic counts, traffic patterns, and any unique requirements that the Client may want to allow for during certain time of day scenarios, etc.
7. Provide camera placement guidance and documentation.
8. Perform the on-site(if purchased) integration of the InjSync adaptive system, including verification of camera views, working with the Client to make any adjustments needed and loading of the predefined software image into the processor. The Rhythm Engineering team will work both on-site(if purchased) and remotely to bring online each InjSync system. The adaptive system will work "out of the box", but Rhythm Engineering will take time to monitor and modify the adaptive parameters remotely over a period of approximately one to two weeks after the activation of the arterial in order to maximize the performance of InjSync.
9. Project Manage the entire scope of Rhythm Engineering's responsibilities as listed above and provide updates to the Client as necessary throughout the duration of the project.

Client will be responsible for the following tasks:

1. Attend External Kickoff meeting to establish the timeline and expectations of the project. Maintain communication and provide any updates or changes to the established timeline to Rhythm Engineering.

PURCHASE ORDER**AUGUSTA, GEORGIA**

SUITE 605, PROCUREMENT DEPARTMENT
535 TELFAIR STREET, MUNICIPAL BUILDING 1000
AUGUSTA, GEORGIA 30901-2377
PHONE: (706) 821-2422

Page 1 of 1

PURCHASE ORDER NO.
P465843

REQUISITION/QUOTE NO.
R385844

DATE 01/31/24	DEPARTMENT 041710	VENDOR PHONE # (816) 599-1007 ext:		PURCHASE ORDER NUMBER ABOVE MUST APPEAR ON ALL INVOICES, SHIPPING PAPERS, AND PACKAGES.
VENDOR # 20654	E-VERIFY # 238686	EMAIL SAWYER.BRESLOW@RHYTHMTRAFFIC.COM		

VENDOR RHYTHM ENGINEERING 14019 W 95TH STREET LENEXA, KS 66215	ATTN: EMERGENCY BID NUMBER: CONTRACT #: BUYER: DOREEN
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SHIP TO: PW ENGINEERING ADMINISTRATION 452 WALKER STREET SUITE 110 AUGUSTA, GA 30901	BILL TO: AUGUSTA, GEORGIA ACCOUNTING DEPARTMENT, SUITE 800 535 TELFAIR STREET, MUNICIPAL BUILDING 1000 AUGUSTA, GA 30901-2379 (706) 821-2335 ALL INVOICES AND CORRESPONDENCE MUST BE SENT TO ABOVE ADDRESS REGARDLESS OF SHIPPING DESTINATION.
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ITEM #	QUANTITY	UNIT	PRODUCT ID	DESCRIPTION	UNIT PRICE	AMOUNT
0001	1			PURCHASE PARTS FOR A NEW TEMPORARY TRAFFIC SIGNAL ON A MAJOR ROUTE AND FROM MASTERS TOURNAMENT TO ENSURE TRAFFIC SAFTETY & EFFICIENCY 101-04-1710/53-11610	58,090.00	58,090.00

CONDITIONS - READ CAREFULLY

1. The purchaser is exempt by statute from payment of Federal, State, and Municipal sales, excise and other taxes.
2. Shipping charges prepaid by vendor.
3. Payment will be made on complete shipments only, unless otherwise requested.
4. DELIVERY TICKET MUST ACCOMPANY GOODS.
5. No back orders. We will reorder if available.
6. Please make deliveries between 9 A.M. and 4 P.M.
7. All goods received with subsequent privilege to inspect and return at Vendor's expense if defective or not in compliance with our specifications.
8. Indoor delivery if necessary.
9. Payment Net 30 or according to contract.

NET TOTAL.....

58,090.00

APPROVED FOR ISSUE



PROCUREMENT DIRECTOR

PROCUREMENT DEPARTMENT

AUGUSTA, GEORGIA

PURCHASE ORDER

SUITE 605, PROCUREMENT DEPARTMENT
535 TELFAIR STREET, MUNICIPAL BUILDING 1000
AUGUSTA, GEORGIA 30901-2377
PHONE: (706) 821-2422

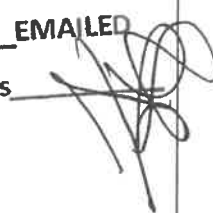
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<div>RELEASED _____ EMAILED _____ DATE 1/15/24 INITIALS </div>						

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VENDOR COPY

**AUGUSTA-RICHMOND COUNTY GEORGIA
PROCUREMENT DEPARTMENT**

DEPARTMENT NAME: Engineering

DEPARTMENT NUMBER: 4506

DEPARTMENT HEAD James A. Hammond, Malle

REQUISITION

Rhythm Engineering

REQUISITION:

REQUISITION DATE: 1/31/2024

PURCHASE ORDER NUMBER:

PURCHASE ORDER DATE:

SR

ITEM NO	DESCRIPTION	ITEM NO.	QUANTITY	NAME OF BIDDER		NAME OF BIDDER		NAME OF BIDDER	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	EMERGENCY PROCUREMENT				-		-		-
2					-		-		-
3	TO PURCHASE PARTS FOR A NEW, TEMPORARY TRAFFIC SIGNAL				-		-		-
4	ON A MAJOR ROUTE TO AND FROM				-		-		-
5	MASTERS TOURNAMENT TO ENSURE				-		-		-
6	TRAFFIC SAFETY AND EFFICIENCY	1		58,090.00	58,090.00		-		-
7					-		-		-
8	101041710-5311610				-		-		-
9	Traffic Operations Fund				-		-		-
10					-		-		-
11					-		-		-
12					-		-		-
13					-		-		-
14					-		-		-
15					-		-		-
16					-		-		-
17					-		-		-
18					-		-		-
19	EMERGENCY PROCUREMENT				-		-		-
TOTAL BID					58,090.00		\$		\$
SHIPPING CHARGES									
DELIVERY TIME FROM RECEIPT OF PURCHASE ORDER									