

BEACHWOOD CITY COUNCIL
SAFETY AND PUBLIC HEALTH COMMITTEE MEETING AGENDA
MONDAY, AUGUST 15, 2022, 5:30 PM
at **BEACHWOOD CITY HALL, COUNCIL CHAMBERS,**
25325 Fairmount Boulevard, Beachwood, Ohio 44122

Eric Synenberg
Alec Isaacson
Danielle Shoykhet
June E.Taylor

Agenda Items

1. Mayor's Report
2. Discussion and Presentation regarding Traffic Preemption for City of Beachwood
3. Any other matters coming before the Safety and Public Health Committee

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INTEROFFICE MEMO

TO: Justin Berns
FROM: Steven M. Holtzman, Chief
DATE: August 2, 2022
SUBJECT: Traffic Preemption

Mayor Berns,

In our process to evaluate traffic preemption for the City of Beachwood, presentations were given by Global Traffic Technologies (GTT) and Applied Information (AI). Each company provided multiple options and technologies available on traffic preemption systems with a wide range of pricing. Through our evaluation of these systems we determined the AI system provides the type of preemption coverage needed, allows for priority activation of the lights, back-up systems to help ensure activation and smart technology to allow for a rapid return to the normal traffic cycle.

Attached is the price quote for traffic preemption for the City of Beachwood. As you are aware traffic preemption allows for a safer and more rapid response to calls for both police and fire department vehicles. The smart technology will preempt the light to turn green for our emergency vehicles as they approach the intersection and allow vehicles to clear the lanes of travel prior to our vehicles reaching that intersection. The AI system that we look to utilize will allow for a rapid return to a normal traffic pattern sequencing after the emergency vehicles have cleared the intersection. The attached price quote is for a 10 year contract that includes installation, training and maintenance on the system. The total cost is \$577,270.00. The City would make annual payments of \$57,727.00 for the ten years.

Respectfully submitted,





Path Master Inc.
 1960 Midway Drive
 Twinsburg OH 44087
 United States

Quote

Quote # C23956

6/10/2022

Beachwood, City of

Craig Kaufman
 Beachwood, City of
 2700 Richmond Rd.
 Beachwood OH 44122
 United States

Budgetary Estimate AI Preemption

Email: craig.kaufman@beachwoodohio.com

Phone: (216) 595-3711

Fax: (216) 292-1954

Bid Date	Completion Date	Quote Expires	Terms	F.O.B.	Delivery
		15 Days	Net 30 Days	Twinsburg, Freight Allowed	8-12 Weeks, ARO & Approval

Bid Ref	Qty	Unit	Description	CL	Unit Sell	Ext. Sell
10.	48	EA	Intersection Equipment, Consists Of: AI Field Monitoring Unit, FMU/2AI Model 500-085-04 With Glance Integration, Includes Installation, Setup & Programming	58	\$3,350.00	\$160,800.00
20.	48	EA	AI Preempt/Priority Intersection Connectivity Package, 10-Year Service Plan	58	\$3,100.00	\$148,800.00
30.	46	EA	Material Only, AI In-Vehicle Preempt/Priority Unit (VPU) AI Model 500-065 with Glance Integration	58	\$2,420.00	\$111,320.00
40.	46	EA	AI In-Vehicle Communication / Connectivity Package, 10-Year Service Plan	58	\$3,100.00	\$142,600.00
50.	46	EA	Installation of Vehicle Units	58	\$1,000.00	\$46,000.00
					Total	\$609,520.00

Note: Does not include confirmation lights (if required).

NOTES:

- 1) In The Event That The Customer Modifies, Or Attempts To Modify, This Proposal In Any Manner, Including For Quantity Or Types Of Equipment, Path Master, Inc., Reserves The Right To Amend Its Pricing At Its Discretion
- 2) In The Event That The Customer Delays Shipment Of The Equipment Or Delays Taking Delivery Of The Equipment From Path Master, Inc., Path Master, Inc. Reserves The Right To Charge A Storage Fee of 3%.
- 3) In The Event That The Customer Purchases Equipment From Another Supplier To Be Integrated With Path Master, Inc. Equipment, Path Master Inc. Reserves The Right To Charge Field Service Fees, If Requested To Perform The Integration Of Such Products, At Our Standard Field Service Rate of \$150 Per Hour With A Minimum Charge Of 3 Hours.



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Twinsburg OH 44087
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Quote

Quote # C23956

6/10/2022

4) Freight Allowed Is Provided As On Shipment Of Entire Order. If Customer Requires Multiple Shipments, Path Master, Inc. Reserves The Right To Charge Extra Freight Fee As Applicable.

ORDERS ARE SUBJECT TO CREDIT APPROVAL

X _____

Authorized Signature



Path Master Inc.
 1960 Midway Drive
 Twinsburg OH 44087
 United States

Quote

Quote # C23956-REV1

7/5/2022

Beachwood, City of
 Craig Kaufman
 Beachwood, City of
 2700 Richmond Rd.
 Beachwood OH 44122
 United States

Budgetary Estimate AI Preemption

Email: craig.kaufman@beachwoodohio.com

Phone: (216) 595-3711

Fax: (216) 292-1954

Bid Date	Completion Date	Quote Expires	Terms	F.O.B.	Delivery
		30 Days	Net 30 Days	Twinsburg, Freight Allowed	8-12 Weeks, ARO & Approval

Bid Ref	Qty	Unit	Description	CL	Unit Sell	Ext. Sell
10.	43	EA	Intersection Equipment, Consists Of: AI Field Monitoring Unit, FMU/2AI Model 500-085-04 With Glance Integration, Includes Installation, Setup & Programming	58	\$3,350.00	\$144,050.00
20.	43	EA	AI Preempt/Priority Intersection Connectivity Package, 10-Year Service Plan	58	\$3,100.00	\$133,300.00
30.	46	EA	Material Only, AI In-Vehicle Preempt/Priority Unit (VPU) AI Model 500-065 with Glance Integration	58	\$2,420.00	\$111,320.00
40.	46	EA	AI In-Vehicle Communication / Connectivity Package, 10-Year Service Plan	58	\$3,100.00	\$142,600.00
50.	46	EA	Installation of Vehicle Units	58	\$1,000.00	\$46,000.00

Note: Does not include confirmation lights (if required).

Total	\$577,270.00
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Path Master Inc.
 1960 Midway Drive
 Twinsburg OH 44087
 United States

Quote

Quote # C23845

6/10/2022

Beachwood, City of

Craig Kaufman
 Beachwood, City of
 2700 Richmond Rd.
 Beachwood OH 44122
 United States

**Budgetary Estimate
 GTT PCaaS Preemption**

Email: craig.kaufman@beachwoodohio.com

Phone: (216) 595-3711

Fax: (216) 292-1954

Bid Date	Completion Date	Quote Expires	Terms	F.O.B.	Delivery	
		15 Days	Net 30 Days	Twinsburg, Freight Allowed	6 - 12 Weeks, ARO & Approval	
Bid Ref	Qty	Unit	Description	CL	Unit Sell	Ext. Sell
10.	10	EA	Annual Subscription Fee, Global Traffic Technologies PCaaS Cloud Based Preemption System, Consists Of:	20G	\$70,363.17	\$703,631.70
	480	EA	Opticom Central Platform - Intersection Access Fee (Per Intersection, Per Year)	20G	See Quote	See Quote
	460	EA	Opticom Central Platform - Vehicle Access Fee (Per Vehicle, Per Year)	20G	See Quote	See Quote
	10	EA	Opticom Central Platform - Base, Cloud (Per Year)	20G	See Quote	See Quote
	10	EA	Virtual 764 (Includes Hosting, Per Year)	20G	See Quote	See Quote
	1	EA	Project Management	20G	See Quote	See Quote
	1	EA	Setup, Testing, And Verification	20G	See Quote	See Quote
	940	EA	Data Collection And Reporting (Per Vehicle And Intersection, Per Year)	20G	See Quote	See Quote
	10	EA	Monitoring And System Maintenance (Per Year)	20G	See Quote	See Quote
	48	EA	Configuration, Intersections (Centralized)	20G	See Quote	See Quote
Note 1: Does not include confirmation lights (if required). Note 2: Quote is for a 10 Year Term contract; requires purchase of 10 years of service.						
					Total	\$703,631.70

NOTES:



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1960 Midway Drive
Twinsburg OH 44087
United States

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X _____

Authorized Signature



Path Master Inc.
1960 Midway Drive
Twinsburg OH 44087
United States

Quote

Quote # C23846

6/10/2022

Beachwood, City of

Craig Kaufman
Beachwood, City of
2700 Richmond Rd.
Beachwood OH 44122
United States

Email: craig.kaufman@beachwoodohio.com

Phone: (216) 595-3711

Fax: (216) 292-1954

Budgetary Estimate GTT Preemption Equipment

Bid Date	Completion Date	Quote Expires	Terms	F.O.B.	Delivery	
		15 Days	Net 30 Days	Twinsburg, Freight Allowed	6-12 Weeks, ARO & Approval	
Bid Ref	Qty	Unit	Description	CL	Unit Sell	Ext. Sell
10.	48	EA	Global Traffic Technologies Model 760 Card Rack	20G	\$414.00	\$19,872.00
20.	48	EA	Global Traffic Technologies Model 764 Phase Selector Only	20G	\$3,794.00	\$182,112.00
25.	48	EA	Extended Warranty Years 6-10 For Model 764 Phase Selector	20G	\$480.00	\$23,040.00
30.	48	EA	Global Traffic Technologies Model 3100 Intersection Radio Antenna With Mounting Hardware	20G	\$3,454.00	\$165,792.00
35.	48	EA	Extended Warranty Years 6-10 For Model 3100 GPS Radio Antenna	20G	\$457.00	\$21,936.00
40.	7,200	FT	Global Traffic Technologies GPS Radio Antenna Cable	20G	\$2.12	\$15,264.00
70.	48	EA	Field Install Intersection Equipment	65	\$3,500.00	\$168,000.00
80.	30	EA	Materials Only, GTT High Priority Vehicle Preemption Kit, Includes Model 2100 Radio/GPS Control Unit, Model 1050 GPS/ Radio Antenna, Model 210 Interface Cable And Installation Kit	20G	\$3,741.00	\$112,230.00
82.	16	EA	Materials Only, GTT Low Priority Vehicle Preemption Kit, Includes Model 2100 Radio/GPS Control Unit, Model 1050 GPS/ Radio Antenna, Model 210 Interface Cable And Installation Kit	20G	\$3,741.00	\$59,856.00
85.	46	EA	Extended Warranty Years 6-10 For Radio Preempt Vehicle Kit	20G	\$532.00	\$24,472.00
90.	46	EA	Field Install Vehicle Preemption Kit	65	\$1,000.00	\$46,000.00

Note: Quote does not include confirmation lights (if required).



Path Master Inc.
1960 Midway Drive
Twinsburg OH 44087
United States

Quote

Quote # C23846

6/10/2022

Total \$838,574.00

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Authorized Signature