



Global Traffic Technologies, LLC.
7800 Third Street North, Bldg 100
St. Paul, MN, 55128-5441, US
Global Traffic Technologies, LLC. is a subsidiary
of Miovision Technologies Incorporated

Bill To	Customer	Estimate Number	Date	Expires
ESD 15 Tomball Fire Dept	ESD 15 Tomball Fire Dept	Q-31431		8/7/2024

Ship To	Procurement Method	Term: For Ongoing Services (Years)
ESD 15 Tomball Fire Dept	PCaaS	10

Solution Type	Intersections	Intersection Yearly Price	Vehicles	Vehicle Yearly Price
Emergency and Law Enforcement	28	USD 47,529.00	16	USD 12,960.00

Product Name	Term (Months)	Annual Price	Price	Qty	Total
Opticom Cloud Connected Vehicle	120	\$600.00	\$6,000.00	16	\$96,000.00
=>Installation, vehicles (modems)	120	\$210.00	\$2,100.00	16	\$33,600.00
Opticom Cloud Connected Intersection	120	\$660.00	\$6,600.00	28	\$184,800.00
=>Opticom Model 764 Multimode Phase Selector	120	\$420.00	\$4,200.00	28	\$117,600.00
=>RV50X Intersection Modem Kit w/Antenna & AC Adapter	120	\$240.00	\$2,400.00	28	\$67,200.00
=>Opticom 760 Card Rack with P1 Harness Assy	120	\$108.00	\$1,080.00	28	\$30,240.00
=>Installation, Intersection Traffic Cabinet Only (modems)	120	\$210.00	\$2,100.00	28	\$58,800.00
=>Configuration, Intersections (Centralized)	120	\$30.00	\$300.00	28	\$8,400.00
External Cabinet	120	\$55.00	\$550.00	15	\$8,250.00
One Time Total:					USD 0.00
Annual Total:					USD 60,489.00
Subtotal:					USD 604,890.00
Tax :					
Total:					USD 604,890.00

Please reference estimate number **Q-31431** when submitting all purchase orders

Proposal Notes:

Customer will need to add the IBR 900 extensibility dock and have net cloud active for the vehicles

General Notes:

To the extent this proposal is a "Budgetary Proposal," it is to be used for informational purposes only and is not intended to be a binding contract between the Parties. The prices provided in the Budgetary Proposal are estimates only and are based on information and pricing known as of the date of the Budgetary Proposal.

For services, a signed Master Service Agreement ("MSA") must accompany the order. The terms and conditions that govern the MSA are available at http://www.gtt.com/sales_terms/

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When included, intersection installation pricing assumes a standard configuration without complications. Not included in this proposal are the following items, which will require additional fees: 1) crushed conduit or any other issues preventing cable from being installed, 2) lane or road closures, 3) police or other resources needed at the installation area, and/or 4) other third-party costs not known at the time of the proposal. Proposal assumes the intersection cabinets are in good working order and contain wiring diagrams.

Vehicle installation assumes standard installation and does not include: 1) special mounting brackets, 2) excess wiring, and/or 3) swapping out previously installed (replacement) vehicle hardware.

Project management expenses can increase in instances where development, if required, is not fully scoped.

Proposal excludes any activities associated with: 1) traffic control plan, 2) water pollution control plan, 3) changeable message signs/flaggers, 4) permits/bonds/ fees, and/or 5) removal/repair/replacement of concrete, asphalt, conduits or wiring.

Quote does not include any applicable travel expense. A budgetary "not exceed" price can be provided upon request if required.

For Opticom Cloud Connected Vehicle/Opticom Cloud Connected Intersection:

- Quote assumes no additional intersection certification or design documents are required.
- Quote does not include formal site acceptance testing, unless otherwise noted.
- Unless otherwise noted, Opticom's PCaaS solution includes one standard monthly report of system health. If custom reports are needed, they can be quoted optionally.
- Quote assumes intersection controllers are EVP-capable and/or TSP-capable as appropriate and have the proper licensing, which is to be enabled prior to Opticom equipment installation.
- Quote assumes any required controller configuration is the responsibility of purchaser and configuration/programming is complete prior to final commissioning.
- Quote assumes all management software will be hosted by Opticom.

For Opticom Model 764 Multimode Phase Selector/Opticom 760 Card Rack with P1 Harness Assy:

- Quote assumes Opticom-contracted personnel will have access to intersection cabinets as needed.
- Quote assumes intersection equipment can be installed without the need for additional hardware, such as brackets, separate cabinets, etc.

For Configuration, Intersections (Centralized):

- Quote assumes a VPN connection between the cloud-hosted Opticom centralized software application and the traffic network(s) of the targeted intersections.
- Quote assumes purchaser is responsible for network communication to the intersection controllers. Any troubleshooting of issues due to purchaser-initiated network changes will be billed on a time and materials basis.
- Quote assumes all intersections included in this quote are network-connected by the purchaser, with at least 5Mbps and maximum average latency of 200ms.
- Quote assumes intersection controllers are capable of receiving an NTCIP 1202/1211 preemption request from the Opticom centralized system.
- Quote assumes intersection controllers follow the NTCIP 1202/1211 standard, per the published specification.
- Proprietary implementations of NTCIP 1202/1211 or other protocols for network-based preemption requests are not included in this quote.