



500 West Big Beaver  
Troy, MI 48084  
troymi.gov

## CITY COUNCIL AGENDA ITEM



Date: April 15, 2025

To: Frank A. Nastasi, City Manager

From: Robert J. Bruner, Deputy City Manager  
Rob Maleszyk, Chief Financial Officer  
Kyle Vieth, Controller  
Josh Jones, Chief of Police  
Andrew Satterfield, Police Captain  
David Quaiatto, Police Lieutenant  
Sam Kalef, Communications Manager  
Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 4: NASPO and Oakland County Cooperative Purchases, Bid Waiver and Budget Amendment – Emergency Communications Center Renovations and Upgrades – Troy Police Department (Introduced by Josh Jones, Police Chief and Sam Kalef, Communications Manager)

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### History

The Troy Police Communications Center may handle over 34,000 emergency and 911 calls a year as well as over 100,000 non-emergency calls and inquiries. Upon completion of building construction over 20 years ago, the Communications Center was outfitted with five (5) dispatch consoles spaced throughout the set floor plan. With the abundant changes in public safety technology over the past two decades (Flock cameras, 911 texting, emails, panic alarms, school security cameras, severe weather tracking, etc.) and for the future need of additional personnel staffing, the Communications Center requires an upgrade. New consoles would provide a more efficient and conducive work environment for a 24/7 operation for emergency call taking and dispatching. New workstation material can provide laminate surfaces with antimicrobial design, UL indoor air quality ratings and provide the ability for dispatchers to be upright and mobile as opposed to sedentary; reducing employee welfare issues as well as increasing productivity and public service.

After numerous staff discussions and a significant amount of research, Troy Police proposes an upgrade to six (6) new dispatch consoles along with an updated room design of the Communications Center. The new consoles and the updated room design would require upgrading the electrical infrastructure and a console cabling upgrade. Also, dispatch functions and personnel will need to be relocated temporarily due to the amount of time needed for the electrical infrastructure update and the installation of the six new dispatch consoles. Dispatch will most likely be relocated to the Emergency Operations Center (EOC) until project completion. Brilliant Systems LLC will assist and consult with internal Police Department IT staff and Communications staff to relocate the needed resources to the EOC, and then assist in transition back to our Communications Center upon completion of the dispatch console upgrade. In addition, Brilliant Systems will install network connections from our data



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### History (continued)

room to each individual console that is being installed. This matches work performed for other agencies within Oakland County whom Brilliant Systems has worked for which includes the Novi Police Department, Berkley Department of Public Safety and White Lake Police Department.

### Purchasing

- Pricing for the furniture and installation has been secured by *Xybix Systems, Inc. of Littleton, CO* per the NASPO Value Point Cooperative Contract #00318 for an estimated cost of \$196,393.08 as detailed in the attached quote #35591.
- NASPO Value Point is a cooperative purchasing program that facilitates public procurement solicitations and contracts utilizing a lead-state procurement model and awards best value Master Agreements that are shared nationally at a state level and passed onto entities within the state.
- Pricing for electrical infrastructure upgrade has been secured by *Shaw Service & Maintenance of Southfield, MI* per Oakland County Extended Purchasing Program Contract #010460 for an estimated not to exceed cost of \$39,125.00 as detailed in the attached quote #SCOT250211001.
- City Council authorized participation in the Cooperative Purchasing Programs on February 5, 2024 (Resolution #2024-2-31-J-5).
- *Brilliant Systems, LLC. of West Bloomfield, MI* has worked in various areas of the Police Department and Fire Department over the past several years, and is considered sole source due to the knowledge and experience with Oakland County Public Safety Communications Infrastructure and build out of our Communications Center and data room.
- Pricing for networking cabling system and the temporary relocation of the Emergency Communications Center has been secured by Brilliant Systems, LLC for an estimated cost of \$29,572.51 as detail in the attached quote.

### Financial

Funds are budgeted and available in the Police Department Communications Section Capital Fund under Project Number 2025C0010 for the 2025 Fiscal Year with a total available budget of \$90,000.00. Estimated total cost for this project will be \$291,599.65 which includes 10% contingencies as listed below.

Consoles and Upgrades	Cost
Xybix Systems, Inc – Dispatch Consoles	\$196,393.08
Shaw Service Maintenance – Electrical	\$39,125.00
Brilliant Systems LLC – Network Cabling and Relocation	\$29,572.51
Contingency 10%	\$26,509.06
<b>Total Cost</b>	<b>\$291,599.65</b>

This project will require a budget amendment in the amount of \$201,600 to the Police Department Communications Section Capital Fund. Expenditures will be charged to account number 401.301.11.325.980.025.



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### **Recommendation**

City Management recommends, in the best interest of the City, waiving the bid process and awarding contracts for the Dispatch Consoles, Electrical Infrastructure Upgrade, Temporary Dispatch Relocation and Console Cabling Upgrade to:

- *Xybix Systems, Inc. of Littleton, CO* for the purchase and installation of the dispatch consoles for an estimated cost of \$196,393.08 as detailed in the attached quote #35591 as per the NASPO Cooperative Purchasing Contract #00318;
- *Shaw Service & Maintenance of Southfield, MI* for the electrical infrastructure upgrade for an estimated cost of \$39,125.00 as detailed in the attached quote #SCOT250211001 and as per the Oakland County Extended Purchasing Program Contract #010460;
- *Brilliant Systems, LLC. of West Bloomfield, MI* for network upgrades and temporary relocation of the Emergency Communications Center for an estimated cost of \$29,572.51 as detailed in the attached quote;

City Management also recommends including a 10% contingency in the amount of \$26,509.06 for an estimated project total cost of \$291,600.

City Management further recommends that City Council approve a budget amendment to the Police Department Communications Section Capital Fund account number 401.301.11.325.980.025 in the amount of \$201,600.

Xybix Systems, Inc.  
8207 SouthPark Circle  
Littleton CO 80120  
Phone: 303-683-5656  
Fax: 303-683-5454  
taylorn



Quote Number: 35591

Quote Date: 2/26/2025  
Revision: F  
Orig Create Date: 2/25/2025  
Expires: 5/11/2025  
Opp #: 0027163

Quote

Terms: NET 30

Page: 1 of 4

<b>QUOTE TO:</b> Acct: TROPOLTRMI  Troy Police Department 500 W Big Beaver Troy MI 48084-5254  Phone: Email:	<b>SHIP TO:</b> Troy Police Department 500 W Big Beaver Troy, MI 48084-5254 USA  Salesperson: AMANDA SCHWARTZ Phone: (720) 326-1165 Email: amandas@xybix.com
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NASPO Contract # 00318  
Eagle Line w/axys  
Install Type: Standard w/ Live Cutover  
Removal and relocation to storage: (5) qty  
Tax Exempt  
\*\*Warranty built in per old NASPO contract/ TAN

02.25.2025: R6, Make SIL on separate toggle, remove anchors from cabs. Add additional etching, reduce storage return depth and re-adjust locations due to sconce lighting/TAN  
02.14.2025: R5- Update monitor configurations, warranty approved per old NASPO contract,update labor/TAN  
02.10.2025: R4 - Update to NASPO. Remove Arch lighting, make panels 30H between CT1and 2 and Sup fixed positions. include storage back into new installation; finishes selected; cables preliminarily selected - MND  
12.11.24: R3, Separate the storage along wall from the main furniture/ TAN  
11.12.24: R2, Added fixed surface between stations, removed (4) storage cabinets- trb  
3.1.24: R0, Drawing Creation/ TAN

REMOVAL OF EXISTING:  
All equipment and electrical must be removed from the existing workstations prior to removal. Removal is priced to take place during the installation of the new Xybix workstations.  
Removal does not include any patch or paint needed for any part of the workstation that is permanently mounted to the wall currently.  
  
Due to new product updates, we will honor our price/pieces breakdown for Grounding and corresponding Power Bars until the expiration date printed on this quote (5.11.2025) If a PO is not received by then, we will update accordingly.

Line	Part Num	Desc	Qty	U/M	List Ea.	Disc. %	Disc. Price	Net Price
1.00	12343.	Panel System Priced by the Linear Foot: Grade 3 Fabric 12343-1-DS - 29-48in - 138.0 LF @ \$380.000/LF  Acrylic 16717 - Lit & Blank - 65.0 LF @ 310.000/LF 16718 - Lit & Etched - 30.0 LF @ 518.000/LF  Upper Tiles Fabric Color: TBD Grade 3 G2 Lower Tiles Fabric Color: TBD Grade 3 G2 Panel Trim Color: Black	1	1.00 EA	\$88,130.00	51.00 %	\$43,183.70	\$43,183.70
2.00	14487-3D.	Adj. Table Worksurface - Corner Dual Surface - 84L x 84R - Cable Management Included	2	6.00 EA	\$2,780.00	51.00 %	\$1,362.20	\$8,173.20

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Line	Part Num	Desc		Qty U/M	List Ea.	Disc. %	Disc. Price	Net Price
3.00	15702	L5 Table Base	3	6.00 EA	\$8,471.00	51.00 %	\$4,150.79	\$24,904.74
4.00	16744.	Monitor Mount 3 - Rollervision - Corner Dual Surface - 84L x 84R	4	6.00 EA	\$6,122.00	51.00 %	\$2,999.78	\$17,998.68
		16674 - Std VESA Mount Qty = 2 Total: \$700.00						
		16675 - Std VESA Mount 2 HI 1 Knuckle Qty = 1 Total: \$479.00						
		16676 - Std VESA Mount 2 HI 2 Knuckle Qty = 3 Total: \$2,580.00						
5.00	14349	Cable, Display Port, Male/Male, 25 ft, Black	5	54.00 EA	\$104.00	51.00 %	\$50.96	\$2,751.84
5.01	16130-8	Datadock 2 - Keyboard Snap-In Cable Organizer Includes: 8 - USB Ports 1 - RJ45 Port	6	6.00 EA	\$709.00	51.00 %	\$347.41	\$2,084.46
6.00	14976	Power Bar, 6 Outlet, 25 ft, Black, Straight Plug, Includes Mounting Clips	7	6.00 EA	\$180.00	51.00 %	\$88.20	\$529.20
6.01	15848	Grounding Kit Full Station R56 Compliant	8	6.00 EA	\$1,539.00	51.00 %	\$754.11	\$4,524.66
6.02	17005	Grounding Kit Install Tools	9	1.00 EA	\$0.00	0.00 %	\$0.00	\$0.00
		OPEN MARKET						
6.03	11792-BLK	Power Bar, 10 Outlet, 15 ft, Black Sticker, Includes Mounting Clips	13	6.00 EA	\$170.00	51.00 %	\$83.30	\$499.80
6.04	11792-OR	Power Bar, 10 Outlet, 15 ft, Orange Sticker, Includes Mounting Clips	14	6.00 EA	\$170.00	51.00 %	\$83.30	\$499.80
6.05	16891	Grommet, Round, 80 mm, Power Data, 2 AC Outlet, 1 USB Charge, 1 USB-C Charge, 1 CAT6, 1 HDMI, Black, 6 ft	15	2.00 EA	\$156.00	51.00 %	\$76.44	\$152.88
		OPEN MARKET						
7.00	16708.	Axys Control System with Fan Base Price: \$2,079.00 16707AXS - Heat - \$582.00 16709AXS - Task Lights - \$519.00 16710AXS - PS Light Controller 16711AXS - Footwell Lighting - \$155.00 16712AXS - Down Bias Lighting - \$155.00	17	6.00 EA	\$3,490.00	51.00 %	\$1,710.10	\$10,260.60
7.01	15560	Acrylic Cleaning Kit	18	1.00 EA	\$134.00	51.00 %	\$65.66	\$65.66

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Line	Part Num	Desc		Qty	U/M	List Ea.	Disc. %	Disc. Price	Net Price
7.02	C-16772AXS	Light - LED Status Indicator Tower W/ Black Housing 70MM 4 HI Red- White - Yellow-Blue 12-30Vdc or 27Vac For Axys	50	6.00	EA	\$1,940.00	51.00 %	\$950.60	\$5,703.60
OPEN MARKET									
8.00	16909	Shelf, Under Surface, With Power, 1 AC Outlet, 1 USB Charge, 1 USB-C Charge, Metal, Black	23	6.00	EA	\$379.00	51.00 %	\$185.71	\$1,114.26
OPEN MARKET									
10.00	12031-3D.	Return Worksurface - 60Wx23.5D	40	6.00	EA	\$822.00	51.00 %	\$402.78	\$2,416.68
10.01	12031-3D.	Return Worksurface - 96Wx23.5D	41	2.00	EA	\$822.00	51.00 %	\$402.78	\$805.56
10.02	12033-3D-FT.	Flip Top Return Worksurface - 27.25Wx36D	24	6.00	EA	\$656.00	51.00 %	\$321.44	\$1,928.64
10.03	12033-3D.	Return Worksurface - 30Wx36D	25	2.00	EA	\$656.00	51.00 %	\$321.44	\$642.88
10.04	12035-3D.	Return Worksurface - 72Wx36D	26	2.00	EA	\$1,183.00	51.00 %	\$579.67	\$1,159.34
10.05	12035-3D.	Return Worksurface - 96Wx36D	27	2.00	EA	\$1,183.00	51.00 %	\$579.67	\$1,159.34
11.00	17030	Cable Bridge, Corner, Left	28	3.00	EA	\$301.00	51.00 %	\$147.49	\$442.47
OPEN MARKET									
11.01	17031	Cable Bridge, Corner, Right	29	3.00	EA	\$301.00	51.00 %	\$147.49	\$442.47
OPEN MARKET									
11.02	15485-3D-FT.	CPU Cabinet - ERGO ACCESS Under Work Surface 27.25Wx34.5D With Flip Top Hinge	30	6.00	EA	\$1,764.00	51.00 %	\$864.36	\$5,186.16
12.00	12428-3D.	Drawer Pedestal - Fixed - Bookcase Left - 30W - 6-6-12 Drawers 18W 22D	31	3.00	EA	\$1,553.00	51.00 %	\$760.97	\$2,282.91
12.01	12428-3D.	Drawer Pedestal - Fixed - Bookcase Right - 30W - 6-6-12 Drawers 18W 22D	32	3.00	EA	\$1,553.00	51.00 %	\$760.97	\$2,282.91
13.00	11519-3D.	Rotating Resource Guide - Freestanding 36 in	33	1.00	EA	\$3,348.00	51.00 %	\$1,640.52	\$1,640.52
15.00	10704-3D.	Lateral File - 30W3 Drawer 42H	42	12.00	EA	\$2,504.00	51.00 %	\$1,226.96	\$14,723.52
16.00	13672-3D.	Storage Cabinet - UnderWS W/Toekick - 18W, 28H, 22D	34	4.00	EA	\$1,014.00	51.00 %	\$496.86	\$1,987.44

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Line	Part Num	Desc		Qty U/M	List Ea.	Disc. %	Disc. Price	Net Price
16.01	13679-3D.	Storage Cabinet - UnderWS W/Toekick - 48W, 42H, 22D	43	4.00 EA	\$1,898.00	51.00 %	\$930.02	\$3,720.08
18.00	12749	Support - Flat Bracket 4.5"	35	2.00 EA	\$44.00	51.00 %	\$21.56	\$43.12
18.01	12234	Bracket, Support, Flat, 18 in, Black	36	2.00 EA	\$44.00	51.00 %	\$21.56	\$43.12
18.02	16877.	Under Surface Support Bars Priced by Linear Foot: 12.0ft	37	1.00 EA	\$624.00	51.00 %	\$305.76	\$305.76
OPEN MARKET								
90.00	16139	Installers Kit Eagle Line	38	6.00 EA	\$0.00	0.00 %	\$0.00	\$0.00
99.00	Other	Other Charges & Services	39	1.00 EA	\$0.00	0.00 %	\$0.00	\$0.00
Line (39) - Miscellaneous Charge -								
Description							Ext. Price	
1.) Freight - Full Truck							4,357.58	
2.) Installation							26,125.50	
3.) Removal only (5) Qty							2,250.00	
List Price Total:				\$334,000.00		Lines Total:		\$163,660.00
						Line Miscellaneous Charges		
						Total:		\$32,733.08
						Taxes Total:		\$0.00
						Quote Total:		\$196,393.08

Note 1:  
All quoted taxes are estimated. Any applicable taxes, fees, permits, etc. must be added to this quote.

Note 2:  
Where installation is listed on quote it is based in non-union labor and on one trip for installation only. Client is responsible for coordination of Technicians and other Vendors/Contractors. Waiting time will be charged at the rate of \$75 per man hour straight time and \$115 per man hour for OT plus subsistence expenses.  
Additionally, this quote is based upon a remodel in an existing space and/or new building - completely finished with a Certificate of Occupancy. Any project where the General Contractor is still on the job is subject to additional charges.

We appreciate this opportunity to provide this quote. Our goal is to substantially improve working conditions for your valuable staff. We look forward to meeting with you to review this proposal in detail. In the meantime please don't hesitate to call us with any questions.





TROY POLICE DEPARTMENT

Troy, MI 48084





# Proposal & Scope of Work

Date: 2/11/2025

Proposal ID: SCOT250211001

**TO: SAM KALEF**  
City of Troy PD  
500 W BIG BEAVER  
Troy, MI 48085

**FROM: Eric J Peterson**  
**PROJECT: PD DISPATCH REMODEL**

## Shaw Service and Maintenance Contacts

<b>Eric Peterson, Service Engineer</b>	Direct (248) 228-2080   (248)534-7602   <a href="mailto:epeterson@shawsi.com">epeterson@shawsi.com</a>
<b>Dispatch</b>	Direct (248) 228-2080   <a href="mailto:service@shawsi.com">service@shawsi.com</a>
<b>After Hours Emergency Number</b>	(877) 370-7076
<b>Service Email</b>	<a href="mailto:service@shawsi.com">service@shawsi.com</a>

Included	Excluded		Included	Excluded	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sales & Use Tax	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Payment & Performance Bonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Permit Costs & Fees	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overtime Costs
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire Division Inspection Fees	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temperature Controls
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Building Permit Fees	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Patching &/or repair of holes in walls or floors

This Proposal is based upon Shaw Service & Maintenance's Standard Terms and Conditions (see Page 2) unless otherwise indicated below.

## **SCOPE OF WORK:**

Pull up existing carpet squares and flooring system to access electrical and grounding pathways below  
Demo / Relocate (10) existing in-floor electrical and data boxes feeding current desk configurations  
Pull back existing grounding and electrical circuits feeding existing desk locations  
Re-feed existing grounding and circuits to (6) new desk locations; existing floor boxes to be relocated where possible  
Pull new electrical circuits to (1) additional desk location and locations that are further in distance than previous runs  
Pull (1) new ground to new desk location; grounding to meet existing standards  
Terminate new locations  
New Ground Lugs will be necessary for all re-feeding of grounding system  
Re-install flooring system panels and carpeting  
Provide additional furniture-oversite labor for connections and validation new system meets requirements  
Work to be completed within a 6-day period due to project timing constraints (4-guys, 6 days plus OT)  
Pricing does not include recertification or reworking of entire RG56 grounding system  
Scope of work written per Xybix Console Electrical Documents and Drawing Plan provided on 1/8/2025

**MATERIAL:** \$4,223.00

**EQUIPMENT:** \$4,028.00

**LABOR:** \$30,874.00

**TOTAL OFFERING PRICE (COST-PLUS, NOT TO EXCEED): \$39,125.00**

## **EXCLUSIONS & ASSUMPTIONS:**

All work to be performed during normal working hours Monday through Friday.  
Changes in Locations and Quantities may result in a change order  
Re-certification and report preparation of RG56 system not included  
Proposal is offered under Oakland County Cooperative Contract Terms and as "Not-to-Exceed"  
Proposal does not include data line / Low-voltage communications cabling restructure  
City of Troy to provide additional Floor Panels and carpeting where floor boxes are-removed

Eric J Peterson

**Shaw Service & Maintenance**

### Standard Terms & Conditions

1. Payment terms are monthly progress payments net 30 days due.
2. The offering price is valid for 30 days. Shaw Service & Maintenance reserves the right to extend this term without notice.
3. Subcontract terms and conditions are subject to review and approval prior to award of a subcontract to Shaw Service & Maintenance.
4. Terms are pending approval by Shaw Service & Maintenance credit manager.
5. This Proposal is based on the schedule and time durations presented at time of bid. A change in schedule shall constitute a change in scope of work.
6. All equipment furnished is F.O.B. shipping points with freight allowed to jobsite.
7. The price includes a warranty as specified in the Bid Documents. No other warranty is expressed or implied.



22100 Telegraph  
Southfield, MI 48033  
Phone: (248) 228-2000  
Fax: (248) 228-2080

**CITY OF TROY BULLETIN BREAKDOWN THROUGH JUNE 30TH,  
2026**

<b>PROJECT:</b>	CITY OF TROY	<b>SHAW PROJECT #:</b>	SCOT250211001
<b>QUOTE FOR:</b>	SAM KALEF	<b>SHAW MMS RFC #:</b>	
<b>DATED:</b>	2/11/2025	<b>SHAW REVISION #:</b>	0
<b>DESCRIPTION:</b>	PER PROVIDED SCOPE- PD DISPATCH REMODEL. DEMO AND RELOCATE EXISTING CIRCUITS , ADDITIONAL CIRCUITS AND GROUNDING WHERE NEEDED FOR SUPPORT OF NEW DESK AND LOCATIONS FURTHER IN DISTANCE THAT PREVIOUS. 3-4 MAN CREW PLANNED DUE TO TIME CONSTRAINTS OF PROJECT. WORK TO BE COMPLETED IN ONE SIX-DAY WEEK, MONDAY-SATURDAY.		
<b>PLANS ISSUED:</b>	n/a	<b>SHAW QUOTE DATE:</b>	6/12/2023
<b>SPECS. ISSUED:</b>	"		
<b>SKETCHES ISSUED:</b>	"		
<b>QTY ELEC/TECH DWGS ISSUED:</b>	0		
<b>MATERIAL</b>	<b>MISC AND LUGS</b>		\$750
	CABLE, WIRE AND CONDUIT (ESTIMATED)	0	\$2,200
	FLOORBOX (BUDGETARY- MAY BE ABLE TO REUSE EXISTING)	0	\$450
			\$0
	MARKUP(INCLUDING USE TAX)	15%	\$510
	ESCALATION(CONTINGENCY)	8%	\$313
	<b>MATERIAL TOTAL</b>		<b>\$4,223</b>
<b>DIRECT INSTALLATION LABOR COST - PER ATTACHED SHEETS</b>			
	0 HOURS @ Straight	<b>TECHNICIAN</b>	\$0
	0 HOURS @ "	<b>ELECTRICIAN</b>	\$0
	160 HOURS @ "	<b>SERVICE ELECTRICIAN</b>	\$19,520
	0 HOURS @ Time & 1/2		\$0
	0 HOURS @ "	<b>ELECTRICIAN</b>	\$0
	64 HOURS @ "	<b>SERVICE ELECTRICIAN</b>	\$9,792
	0 HOURS @ Double		\$0
	0 HOURS @ "	<b>ELECTRICIAN</b>	\$0
	0 HOURS @ "	<b>SERVICE ELECTRICIAN</b>	\$0
<b>SUPERVISION - 8% OF DIRECT LABOR HOURS (DETAILING, LOGISTICS) or PER ATTACHED SHEETS AS DIRECT LABOR</b>			
	12.8 HOURS @ Straight		\$1,562
	0 HOURS @ "		\$0
	0 HOURS @ Time & 1/2		\$0
	0 HOURS @ "		\$0
	0 HOURS @ Double		\$0
	0 HOURS @ "		\$0
	0% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES		\$0
	<b>LABOR TOTAL</b>		<b>\$30,874</b>
<b>DJE EQUIPMENT - LARGE OR SPECIAL TOOLING</b>			
	CRIMPING TOOL / DYE SET		\$23
	RIGGING / HOISTING / LULL / FORKLIFT		\$0
	FLUKE CABLE TESTER		\$0
	CIRCUIT TRACER		\$0
	CORING		\$0
	POWER LOGGER		\$0
	PERMIT		\$0
<b>ENGINEERING / DOCUMENT MAINTENANCE</b>			
	16 HOURS	<b>SERVICE ENGINEER/FIELD DETAIL/SURVEY</b>	\$1,536
	0 HOURS	<b>BIM COORDINATOR/PLOTS/DWGS</b>	\$0
	0 HOURS	<b>ADMINISTRATIVE ASSISTANT</b>	\$0
<b>DIRECT JOB EXPENSES / SMALL TOOLS / SAFETY / CONSUMMABLES / FIRST AID</b>			
	AS PERCENT @ 8.0%	<b>OF LABOR ABOVE TOTAL</b>	\$2,470
	or AS ITEMIZED ON THE DJE CHECKLIST SHEET (Page 2 of 2)		\$0
	<b>DIRECT JOB EXPENSES TOTAL</b>		<b>\$4,028</b>
			<b>\$39,125</b>
	0%		<b>\$0</b>
<b>SUBCONTRACTORS</b>			
			\$0
	X		\$0
	x		\$0
	x		\$0
	<b>SUBCONTRACTOR TOTAL</b>		<b>\$0</b>
	<b>FEE ON SUBS @ 5%</b>		<b>\$0</b>
<b>PLM BOND / INSURANCE COSTS</b>			<b>\$0</b>
<b>TOTAL PRICE FOR THIS QUOTATION</b>			<b>\$39,125</b>

**BRILLIANT®**

Brilliant Systems, LLC  
3760 Green Lake Road M/S WBO-1  
West Bloomfield, MI 48324  
Tel: (248) 366-7900 Fax: (248) 366-7920  
www.brilliantystems.com

# Proposal

## Quote Summary

**Sent to:** Sam Kalef  
Troy Police Communications  
Troy Police Department  
500 West Big Beaver Road  
Troy, MI 48084  
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**Date:** 19 Feb 2025

**Quote ID:** Q-18FEB20251317 (Government sector, Public Safety)

**Project Name:** On-site infrastructure support for temporary and permanent dispatch center projects, to be performed in two phases

## ITEMIZED PRODUCTS and SERVICES

• Phase 1 - Temporary Dispatch (see attached detail) \$16074.16  
Design, coordinate, furnish and install communications network cabling system and ancillary components for five dispatch positions in EOC, coordinate position moves from Dispatch to EOC with all stakeholders

• Phase 2 -Permanent Dispatch (see attached detail) \$13498.35  
Design, coordinate, furnish and install communications network cabling system and ancillary components for six dispatch positions in existing Dispatch Center, coordinate position moves from EOC to Dispatch with all stakeholders.

**Total** **\$29572.51**

**Payment**

**Terms:** Standard Net-30

**Quote**

**Lifetime:** This quote is valid for 30 days from the date shown above.

**Acceptance:** Issuance of a valid purchase order including this quote ID number constitutes binding acceptance of the pricing and terms outlined in this quote.

**Notes:** Dispatch position moves to be coordinated at direction of TPD Communications Center Manager, along with MPSCS, cLemis Radio, and all other internal agency stakeholders.

**Troy Police Department**  
**Dispatch Center Upgrade Project Budgetary Estimate**  
 Created 19 Feb 2025 2:31p EST  
 Revised 19 Feb 2025 3:14p EST

**Phase 1 - Temporary Dispatch**
**Prepare and install overhead EOC cabling for 5 positions**

Item Description	Unit Price	Qty	Ext
On-site consulting/installation services - 2 days @ 8 hrs <b>**FIXED**</b>	\$427.00	16	\$6,832.00
Less courtesy waiver (discount on on-site-services)	-\$50.00	16	-\$800.00
Rental - TGR ceiling grid clamps <b>**INCLUDED**</b>	\$0.00	0	\$0.00
Rental - Clevis cable hangers <b>**INCLUDED**</b>	\$0.00	0	\$0.00
Rental - Ceiling Grid drop-in ground bar tile <b>**INCLUDED**</b>	\$0.00	0	\$0.00
Cat6 Plenum Ethernet cable 8k FT <b>**ACTUAL COST**</b>	\$290.67	8	\$2,325.36
(14 runs per position, approx. avg. length 100ft, plus overage)			
THHN copper 3/0 ground bus cable, 120ft	\$4.06	120	\$487.20
THHN copper 2AWG position ground branches	\$2.59	100	\$259.00
Cat6 modular connectors, 14x2x5	\$0.99	140	\$138.60
Ancillary materials (cable ties, mounting hardware) <b>**INCLUDED**</b>	\$0.00	0	\$0.00

**Move positions from Dispatch to EOC Temporary Dispatch**

Item Description	Unit Price	Qty	Ext
On-site consulting services - 2 days @ 8 hrs <b>**FIXED**</b>	\$427.00	16	\$6,832.00
(assist all stakeholders including MSPCS and Oakland County)			
Less courtesy waiver (discount on on-site-services)	-\$38.00	16	-\$608.00

<b>Subtotal Phase 1</b>	<b>\$16,074.16</b>
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**Phase 2 - Permanent Dispatch**
**Prepare Updated Dispatch Cabling.**

Item Description	Unit Price	Qty	Ext
On-site consulting/installation services - 1 day @ 8 hrs <b>**FIXED**</b>	\$427.00	8	\$3,416.00
Less courtesy waiver (discount on on-site-services)	-\$50.00	8	-\$400.00
Cat6 Plenum Ethernet cable 6 positions 9k FT <b>**Budgetary**</b>	\$290.67	9	\$2,616.03
(14 runs per position, approx. avg. length 100ft, plus overage;			
re-position and re-use existing under floor cabling			
wherever possible when undamaged and long enough)			
Position ground cabling by others (SHAW)	\$0.00	0	\$0.00
Position power circuits (Qty. 2 UPS, Qty. 1 Gen-only not UPS)	\$0.00	0	\$0.00
by others (SHAW) 120V 20A dedicated neutral each circuit)			
<b>NOTE: SHARED NEUTRALS ARE NOT PERMISSIBLE</b>			
20-port surface-mount Cat6 cable management panel	\$179.00	6	\$1,074.00
Cat6 modular connectors, 14x2x6	\$0.99	168	\$166.32
Modified Xybix ground bar mounts, all positions	\$99.00	6	\$594.00

**Move positions from EOC Temporary Dispatch to Dispatch**

Item Description	Unit Price	Qty	Ext
On-site consulting services - 2 days @ 8 hrs <b>**FIXED**</b>	\$427.00	16	\$6,832.00
(assist all stakeholders including MSPCS and Oakland County)			
Less courtesy waiver (discount on on-site-services)	-\$50.00	16	-\$800.00
Ancillary materials (cable ties, mounting hardware) <b>**INCLUDED**</b>	\$0.00	0	\$0.00

<b>Subtotal Phase 2</b>	<b>\$13,498.35</b>
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<b>Total Project Estimate</b>	<b>\$29,572.51</b>
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