



City of Quincy  
 Scope of Work ITC 54  
 Fiber Optic Network Extension – Police Marina

Prepared by:	Comm-Tract 235 Summer Road Boxborough, MA 01719	Contact: Telephone: Email:	Bryan Hopkins (781) 890-5070 x6952 bhopkins@comm-tract.com
Date:	February 18 <sup>th</sup> 2015		

Bid No.	Quincy PM Add V.04
Customer Number:	
ITC 54:	VC 209682

<b>Bill To:</b>		<b>Ship To:</b>	
Company:	City of Quincy	Company:	City of Quincy
Address:	1305 Hancock Street Quincy, Ma.02169	Address:	1305 Hancock Street Quincy, Ma.02169
Contact Name:	Eric Ricciardi	Contact Name:	Eric Ricciardi
Phone:	(617)-376-1111	Phone:	(617)-376-1111
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**Description of Work**

Fiber Optic Network Extension  
 Police Marina - 136 Bayview Avenue.

This Scope of Work (SOW) that follows was developed in coordination with the Town of Quincy. The information regarding sites and overall requirements was provided by the City of Quincy and supplemented by field site surveys by Comm-Tract personnel.

Comm-Tract has developed the following proposed SOW based upon the following key design criteria and requirements of the City of Quincy:

- Install (1) 48-count Single-Mode Fiber Optic Cable (Corning SMF-28e) between the intersection of Sea Street and Palmer to the Police Marina located at 136 Bayview. (Police Marina Station)
- Install/Upgrade (1) 96-count Single-Mode Fiber Optic Cable (Corning SMF-28e) between the splice point at the intersection of Sea Street and Palmer, back to the splice point at Sea Street and Chickatobok Road.
- From the intersection of Sea Street and Palmer Road the fiber cable will be attached aerially within the municipal space on the joint owned poles east along Sea Street to the 136 Bayview Avenue Police Marina Station.



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- At the Sea Street Police Station an additional 4U SMF Housing will added to support additional SMF Coupler Panels for the termination of the additional strands at this location. This will be utilized for the fibers terminated and assigned to the Police Marina.
- The Police Marina at 136 Bayview will have 6 SMF fibers assigned through the network to the Sea Street Police Station.
- The Bayview Police Marina Station will have (1) 6 fiber termination panel with all 6 fibers terminated.
- 100ft. of slack will be installed every 1500ft. along the underground and aerial route.
- The SMF-28e fiber cable will be terminated with Corning SC single mode connectors.
- All optical testing will conform to industry standards.
- The customer shall receive OTDR traces and Power Meter Test results at both 1310nm and 1550nm.
- All test data will be compiled in electronic copy.



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Quantity	Bill of Materials Description
13,750ft.	48-Count Corning Altos Self Support SMF-28e Fiber Optic Cable.
3,500ft.	96-Count Corning Altos Self Support SMF-28e Fiber Optic Cable
4	12-Way Corning SC-PC Bulkhead Panels
108	Corning SC-PC Connectors
6	Corning Fan-out Kits
101	5/8" pole hardware
6	Snow shoes for aerial slack storage
4	Corning OSP splice cases
156	Fusion Heat Shrinks
1	12 Fiber SC/PC Fiber termination Panel
1	Corning SMF 4U Housing and associated Coupler Panels

Other Miscellaneous Materials



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**Special Terms**

Customer agrees to the following payment schedule:	
30% Initial Payment upon Receipt of materials:	\$ 13,388.56
65% Upon Actual Work Completed (Project Progress):	\$ 29,008.56
Final Balance upon Implementation and Acceptance by Customer:	\$ 2,231.43

- The Project Price shall be subject to adjustment in the event of any mutually agreed upon written changes made to the Scope of Work. Any changes during the project to the Scope of Work will be mutually agreed to in writing with Customer prior to any changes, or additional charges being added or deleted to the project.
- The Project Price is valid for 30-days.
- The Project Price does not include police details.
- The Project Price does not include permitting or licensing as the City of Quincy has existing rights agreements for the aerial poles and existing underground conduits.
- The Project Price does not include new underground construction.
- The Project Price assumes access to each location is free and clear for installation purposes.
- Comm-Tract will perform during normal business hours – Monday through Friday, 8:00 a.m. to 5:00 p.m., unless otherwise specified in the Description of Work.
- Customer hereby agrees to the terms and conditions set forth in the Scope of Work by signing below or issuing a Purchase order referencing this Scope of Work.
- This Scope of Work is governed by the terms and conditions of the Commonwealth of Massachusetts ITC 54 blanket contract.

<b>Est. Completion Date:</b>	TBD
<b>Material</b>	\$ 17,580.55
<b>Labor</b>	\$ 27,048.00
<b>Total</b>	\$ 44,628.55

<b>Customer Name:</b>	City of Quincy
<b>Authorized Signature:</b>	
<b>Name:</b>	
<b>Date:</b>	