



LAN-TEL Communications, Inc.
1400 Providence Highway
Suite 3100
Norwood, MA 02062
781.551.8599 Fax 781.551.8667
www.lan-tel.com

OFFICE OF EMERGENCY MANAGEMENT
1 CITY HALL SQUARE
ROOM 204
ATTN JESSICA JONES
BOSTON, MA 02201

INVOICE ID: 9917607
DRAW ID: 255
DATE: April 30,2018

CONTRACT ID: 18-0097-20
FATPOT INTEGRATION-BostonOffic
LOCATION:

SALESPERSON:
CUSTOMER ID: BOSTOEM
PO #: BOSTN-000068799
Terms: Net 0

WORK PERFORMED PHASE IVA MILESTONE 1: 3RD PARTY INVOICING. DELIVERABLE: ENGAGEMENT OF FLIR TECNICAL SERVICES. ACCEPTANCE CRITERIA: RECIEVED INVOICE FROM FLIR FOR TECHNICAL SERVICES. PO # BOSTN-0000687995.

AMOUNT DUE: \$ 23,000.00

ATTN: JESSICA JONES

AMOUNT DUE THIS INVOICE

| |
|-------------|
| \$23,000.00 |
|-------------|

INTEREST @ 1.5% WILL BE CHARGED ON INVOICES OVER 60 DAYS.



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| Dispatched | | |
|-----------------------|----------------------|-----------------|
| Purchase Order | Date | Revision |
| BOSTN-0000687995 | 2018-02-21 | |
| Payment Terms | Freight Terms | |
| 00 | DES PPD | |
| Buyer | | |
| Bilodeau,Michele M. | | |

Vendor: 0000019146
Lan-Tel Communications Inc.
1400 Providence Highway, Building 3, Suite 3100
Norwood MA 02062
United States

Bill To: Auditing Department
One City Hall
Room M-4
Boston MA 02201
United States

Ship To: Mayor's Office of Emergency
Preparedness-Homeland Secur
Boston City Hall -Room 204
One City Hall Plaza
Boston MA 02201
United States

Attention: See Detail Below

Tax Exempt? Y

State Tax Exempt ID: 04-6001380

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|----------|--|----------|-----|-------------------------|--------------|------------|
| 1 - 1 | FATPOT | 1.00 | EA | 240000.00 | 240000.00 | 02/26/2018 |
| | | | | Attention: Scott Wilder | | |
| | 52940-200-231100-508F-2106-2017-HLS17002 | 1.00 | | | | |

POC: Jessica Jones
Jessica.jones@boston.gov/6176351350
U16 2.2 CIMS Maintenance

Contract # 45406 is still pending mm 03/08/18

Total PO Amount

****The above Purchase Order number must be included on all invoices to ensure accurate and timely payment.****

| | | |
|---|--|----------|
| Official Approvals | | |
| I certify that all records regarding this procurement are on file | Approved as to availability of appropriation | |
| Michele M. Bilodeau | Sally Glora | 3/9/2018 |
| Department Head/Purchasing Agent/BPS Business Manager | City Auditor/BPS Business Manager | |
| This is not a valid purchase order without the above signatures. | | |



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| Dispatched | | |
|------------------|---------------|----------|
| Purchase Order | Date | Revision |
| BOSTN-0000690684 | 2018-05-09 | |
| Payment Terms | Freight Terms | |
| Net 30 | DES PPD | |
| Buyer | | |
| Heger,Brian | | |

Vendor: 0000019146
Lan-Tel Communications Inc.
1400 Providence Highway, Building 3, Suite 3100
Norwood MA 02062
United States

Bill To: Auditing Department
One City Hall
Room M-4
Boston MA 02201
United States
Ship To: Winthrop Police Department
3 Metcalf Square
Lt. Brian Perrin
Winthrop MA 02152
United States
Attention: See Detail Below

Tax Exempt? Y

State Tax Exempt ID: 04-6001380

Contract ID: 000000000000000000043933

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|----------|---|----------|-----|----------|--------------|------------|
| 1 - 1 | FLIR Ariel Full HD IP Bullet Camera Part # CB-3102-11-I | 3.00 | EA | 480.94 | 1442.82 | 06/15/2018 |
| | 55911-200-231859-508F-2306-2016-HLS16002 | 3.00 | | | | |
| 2 - 1 | LABOR | 1.00 | EA | 2760.00 | 2760.00 | 06/15/2018 |
| | 55911-200-231859-508F-2306-2016-HLS16002 | 1.00 | | | | |

Quoted By : Eric Johnson

Total PO Amount 4202.82

****The above Purchase Order number must be included on all invoices to ensure accurate and timely payment.****

Official Approvals

| | | |
|---|--|----------|
| I certify that all records regarding this procurement are on file | Approved as to availability of appropriation | |
| Gerard Bonaceto | Sally Glora | 5/9/2018 |
| Department Head/Purchasing Agent/BPS Business Manager | City Auditor/BPS Business Manager | |

This is not a valid purchase order without the above signatures.



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MAYOR'S OFFICE OF EMERGENCY
 PREPAREDNESS-HOMELAND SECURITY
 BOSTON CITY HALL-ROOM204
 ONE CITY HALL PLAZA
 BOSTON, MA 02201

INVOICE ID: 9917799
 DRAW ID: 6
 DATE: June 30,2018

SALESPERSON:

CONTRACT ID: 18-5901-35
 CIMS MAINTENANCE 2017 2018
 LOCATION:

CUSTOMER ID: DOINNOV
 PO #: 686927
 Terms: Net 0

PO 0000686927 CONTRACT ID 43933

WORK PERFORMED FOR CITY OF BOSTON CONTRACT # BOSTN-00006558731 & BOSTN-000066207

BILLING FOR JUNE 2018

| | | |
|---------------------|----|-----------|
| PROJECT MANAGEMENT: | \$ | 1,764.00 |
| FIELD LABOR: | | 31,922.00 |
| MATERIAL: | | 0.00 |
| | | ----- |

AMOUNT DUE: \$ 33,686.00

ATTN: ACCOUNTS PAYABLE

AMOUNT DUE THIS INVOICE

| |
|-------------|
| \$33,686.00 |
|-------------|

INTEREST @ 1.5% WILL BE CHARGED ON INVOICES OVER 60 DAYS.

| | A | B | C | D |
|----|--|--------------|--------------------|--------------------|
| 1 | February Labor Totals | | | |
| 2 | Labor Type | Hours | Total | |
| 3 | LAN-TEL Labor regular rate | 89 | \$9,701.00 | |
| 4 | LAN-TEL Labor overtime rate | 76 | \$9,500.00 | |
| 5 | LAN-TEL Software Tech double time rate | 4 | \$636.00 | |
| 6 | LAN-TEL Software Tech rate | 14 | \$1,750.00 | |
| 7 | LAN-TEL Software Tech overtime rate | 2 | \$290.00 | |
| 8 | LAN-TEL Software Tech double time rate | 2 | \$360.00 | |
| 9 | Sonet | 221 | \$22,542.00 | |
| 10 | Total Labor | 408 | \$44,779.00 | |
| 11 | | | | |
| 12 | Total Project Management Labor | 16 | \$1,568.00 | |
| 13 | Total Labor & PM | | | \$46,347.00 |
| 14 | February Material Totals | | | |
| 15 | Total PTZ DvTel Cameras | 0 | \$0.00 | |
| 16 | Total Fixed DvTel Cameras | 0 | \$0.00 | |
| 17 | Total Power Supplies | 0 | \$0.00 | |
| 18 | Total Bucket Truck Rentals (LAN-TEL & Sonet) | 0 | \$0.00 | |
| 19 | Total Adapters | 0 | \$0.00 | |
| 20 | Total Encoders | 0 | \$0.00 | |
| 21 | Total NEMA Enclosures | 0 | \$0.00 | |
| 22 | Total Astro Brackets | 0 | \$0.00 | |
| 23 | Total Antennas & Assoc. Equipment | 0 | \$0.00 | |
| 24 | Total Cable & Assoc. Hardware | - | \$0.00 | |
| 25 | Total POEs | 0 | \$0.00 | |
| 26 | Total Misc. Equipment | - | \$0.00 | |
| 27 | Total Material Used | | | \$0.00 |
| 28 | | | | |
| 29 | Total Billing for February 2018 | | | \$46,347.00 |

| | A | B | C | D |
|---|-----------|---------------------|------------------------------------|--|
| 1 | Date | Employee | Location | Work Performed |
| 2 | 30-May-18 | REX II; JAMES D | CIMS - CHELSEA Gulf Oil Thermal | Thermal cam swap-trouble shoot packet loss |
| 3 | 30-May-18 | WASHBURN; GREGORY R | CIMS - CHELSEA Gulf Oil Thermal | Thermal Cam replaced, - relanded random drops continued. later in day returned. Replaced radio same. check all cat5 = good Local equipment pings good. Changed IP of cam = Same, Changed name in Latitude to Gulf oil thermal 1. Issue went away. |
| 4 | 30-May-18 | WASHBURN; GREGORY R | CIMS - CHELSEA Gulf Oil Thermal | Thermal Cam replaced, - relanded random drops continued. later in day returned. Replaced radio same. check all cat5 = good Local equipment pings good. Changed IP of cam = Same, Changed name in Latitude to Gulf oil thermal 1. Issue went away. |

| | E | F | G | H | I | J |
|---|-----------------------|-------|--------|----------|----------|---|
| 1 | Employee Type | Hours | Pay_ID | Rate | Total | |
| 2 | Technician Programmer | 3 | REG | \$109.00 | \$327.00 | |
| 3 | Technician Programmer | 3 | REG | \$109.00 | \$327.00 | |
| 4 | Technician Programmer | 2.5 | OT | \$125.00 | \$312.50 | |

| | A | B | C | D |
|----|-----------|---------------------|---------------------------------------|---|
| 5 | 30-May-18 | REX II; JAMES D | CIMS - CHELSEA Cary Square | ptz-ribbon cable brdwy/carey |
| 6 | 31-May-18 | NISBET; ERIC W. | CIMS - BOSTON Acrhiver 57 | archiver 57 issues, bottleneck caused from archiver 59 dropping to 10/100. multiple issues with 56,57,58. other notes on pivot3 swo |
| 7 | 31-May-18 | NISBET; ERIC W. | CIMS - BOSTON Archiver 58 | ongoing issues with vm's. Brian Henry assisted in drive replacement. Also trouble shot all pivot 3 boxes, added central ntp software and downloaded log files and sent to pivot 3... repaired but ongoing with windows licensing. r-2008 or bump up to 2012 |
| 8 | 31-May-18 | NISBET; ERIC W. | CIMS - WINTHROP | Thick client issues |
| 9 | 01-Jun-18 | WASHBURN; GREGORY R | CIMS - QUINCY Neponset Bridge | Removed camera on bridge - put temp camera in place |
| 10 | 01-Jun-18 | REX II; JAMES D | CIMS - CHELSEA Broadway/William Tc | Berwyn/Williams trial court fixed down, replace 24vac power supply |
| 11 | 01-Jun-18 | REX II; JAMES D | CIMS - CHELSEA Prattsville Park | replace prattville switch up rev x3 links drop sw on multiple radios ready for upgrade |
| 12 | 06-Jun-18 | NISBET; ERIC W. | CIMS - BOSTON | BPD Transponder Code issues |
| 13 | 06-Jun-18 | PAPPAS; SEAN M | CIMS - REVERE 5 Locations | Sigourney & Squire Rd wasn't showing video. I had to go and power cycled the PTZ. Got the cam back up and recording om the system. Sonny Meyers Park PTZ function wasn't working properly. Went there and adjusted the view to see the park, but it's still not working properly. Most likely needs to be RMA'd. Amasa St is a old first version QD. I was able to ping the camera and log into the modem but couldn't get the video to come back on the camera. Need to talk about replacement Rose Park wasn't showing good video. The ribbon cale needed to be reset. After doing so the video came back and is recording Beachmont wasn't showing video. I went and power cycled the camera and rewired the connectors going into the PTZ head. Cam is back up and recording. |
| 14 | 06-Jun-18 | WHITCOMB; SCOTT M | CIMS - REVERE 5 Locations | Same as above |
| 15 | 06-Jun-18 | PAPPAS; SEAN M | CIMS - WINTHROP Camera Move | This Qd camera had to be relocated from Lincoln & Beal St to Lincoln and Harmon St. The new site is monitoring a house on Harmon St. The cam is back up and recording. |
| 16 | 07-Jun-18 | PAPPAS; SEAN M | CIMS - WINTHROP Camera Move | This Qd camera had to be relocated from Lincoln & Beal St to Lincoln and Harmon St. The new site is monitoring a house on Harmon St. The cam is back up and recording. |
| 17 | 11-Jun-18 | REX II; JAMES D | CIMS - BOSTON Kneeland and Tyler | lost power on Sunday Monday a.m. found GFI in BTD box across the street was tripped |
| 18 | 11-Jun-18 | WASHBURN; GREGORY R | CIMS - BOSTON Kneeland and Tyler | No pwr inside Nema. Found breaker tripped across st. |
| 19 | 11-Jun-18 | REX II; JAMES D | CIMS - CHELSEA PD | Chelsea PD encoder 10.0.77.12 at PD not recording on archiver 10.0.77.200 affecting x16 internal cameras. reboot .200 and .205 did not fix issue moving to archiver 10.0.77.204 fixed issue |

| | E | F | G | H | I | J |
|----|-----------------------|---|-----|----------|----------|---|
| 5 | Technician Programmer | 1 | REG | \$109.00 | \$109.00 | |
| 6 | Software Technician | 3 | REG | \$125.00 | \$375.00 | |
| 7 | Software Technician | 3 | REG | \$125.00 | \$375.00 | |
| 8 | Software Technician | 2 | REG | \$125.00 | \$250.00 | |
| 9 | Technician Programmer | 1 | REG | \$109.00 | \$109.00 | |
| 10 | Technician Programmer | 2 | REG | \$109.00 | \$218.00 | |
| 11 | Technician Programmer | 3 | REG | \$109.00 | \$327.00 | |
| 12 | Software Technician | 6 | REG | \$125.00 | \$750.00 | |
| 13 | Technician Programmer | 6 | REG | \$109.00 | \$654.00 | |
| 14 | Technician Programmer | 6 | REG | \$109.00 | \$654.00 | |
| 15 | Technician Programmer | 1 | OT | \$125.00 | \$125.00 | |
| 16 | Technician Programmer | 2 | OT | \$125.00 | \$250.00 | |
| 17 | Technician Programmer | 1 | REG | \$109.00 | \$109.00 | |
| 18 | Technician Programmer | 1 | REG | \$109.00 | \$109.00 | |
| 19 | Technician Programmer | 2 | REG | \$109.00 | \$218.00 | |

| | A | B | C | D |
|----|-----------|---------------------|--|---|
| 20 | 11-Jun-18 | WASHBURN; GREGORY R | CIMS - CHELSEA PD | Video at encoder was good. Video to Archiver .200 was not present "unable to record." moved the encoder to archiver .204 and all video came back and now recording. Did find on archiver .200 that there was no SQL server present. |
| 21 | 11-Jun-18 | REX II; JAMES D | CIMS - CHELSEA Bellingham and Willow | add radio at willow/Marlboro to connect to willow/Bellingham -poor Los at Bellingham due to tree growth |
| 22 | 11-Jun-18 | WASHBURN; GREGORY R | CIMS - CHELSEA Bellingham and Willow | Added radio at Marlboro & Willow to feed Bellingham&Willow- poor RSL was here. Cameras in this area run better now. |
| 23 | 11-Jun-18 | REX II; JAMES D | CIMS - BOSTON Bragdon Street | try and assess why moisture is in one of the bosch's convert the two bosch's to the Bonet scheme and remove from walnut park temp link |
| 24 | 11-Jun-18 | WASHBURN; GREGORY R | CIMS - BOSTON Bragdon Street | try and assess why moisture is in one of the bosch's convert the two bosch's to the Bonet scheme and remove from walnut park temp link |
| 25 | 13-Jun-18 | PAPPAS; SEAN M | CIMS - BOSTON | Server work in the multiple municipalities (RPD, WPD, CPD, BPD) working with FLIR Tech |
| 26 | 13-Jun-18 | WHITCOMB; SCOTT M | CIMS - BOSTON | Server work in the multiple municipalities (RPD, WPD, CPD, BPD) working with FLIR Tech |
| 27 | 14-Jun-18 | NISBET; ERIC W. | CIMS - BROOKLINE | Brookline Server - removed temp server from Marathon |
| 28 | 14-Jun-18 | NISBET; ERIC W. | CIMS - BOSTON | BPD Transponder Code issues |
| 29 | 14-Jun-18 | REX II; JAMES D | CIMS - CHELSEA Sturgis | Onsite found PTZ camera missing. Removed unit for FLIR analysis |
| 30 | 19-Jun-18 | NISBET; ERIC W. | CIMS - BOSTON | Server work in the multiple municipalities (RPD, WPD, CPD, BPD) working with FLIR Tech |
| 31 | 18-Jun-18 | REX II; JAMES D | CIMS - BOSTON Brookline and Landsdowne | Power issue at site. Fuse holder had piece of wire instead of fuse. BTD or Eversource needs to address. |
| 32 | 18-Jun-18 | WASHBURN; GREGORY R | CIMS - BOSTON Brookline and Landsdowne | Power issue at site. Fuse holder had piece of wire instead of fuse. BTD or Eversource needs to address. |
| 33 | 19-Jun-18 | REX II; JAMES D | CIMS - BOSTON Blue Hill Ave and Lawrence St | Found Radio Hung up, Rebooted everything all network back up. Monitored for 30min. |
| 34 | 19-Jun-18 | WASHBURN; GREGORY R | CIMS - BOSTON Blue Hill Ave and Lawrence St | Found Radio Hung up, Rebooted everything all network back up. Monitored for 30min. |
| 35 | 21-Jun-18 | WASHBURN; GREGORY R | CIMS - BOSTON Blue Hill Ave and Lawrence St | Returned again, Found no layer 1 from radio injector or secondary port of nano. After reboot all came back.. Replaced Nano and gave Switch a static IP to monitor further also. |
| 36 | 20-Jun-18 | WASHBURN; GREGORY R | CIMS - BOSTON Talbot St | PTP here that goes up to Soloman School, Trees in path causing random link drops. Redirected Radio hop on to Bonet Connection To a BHA Hop site as a temp fix to get cameras back up. |
| 37 | 25-Jun-18 | REX II; JAMES D | CIMS - CHELSEA Broadway and Wiliams | Radio factorized due to POS Nema enclosure, water leaks in and injector was affected , re-orientate injector in can/reconfigure radio, uprev sw |
| 38 | 26-Jun-18 | REX II; JAMES D | CIMS - Everett Central, Hancock and Swan | -power issue in neighborhood, most equipment fried, we will be adding equipment as it becomes available |

| | E | F | G | H | I | J |
|----|-----------------------|-----|-----|----------|----------|---|
| 20 | Technician Programmer | 2 | REG | \$109.00 | \$218.00 | |
| 21 | Technician Programmer | 2.5 | REG | \$109.00 | \$272.50 | |
| 22 | Technician Programmer | 2.5 | REG | \$109.00 | \$272.50 | |
| 23 | Technician Programmer | 2.5 | REG | \$109.00 | \$272.50 | |
| 24 | Technician Programmer | 2.5 | REG | \$109.00 | \$272.50 | |
| 25 | Technician Programmer | 8 | REG | \$109.00 | \$872.00 | |
| 26 | Technician Programmer | 8 | REG | \$109.00 | \$872.00 | |
| 27 | Software Technician | 3 | REG | \$125.00 | \$375.00 | |
| 28 | Software Technician | 3 | REG | \$125.00 | \$375.00 | |
| 29 | Technician Programmer | 1 | OT | \$125.00 | \$125.00 | |
| 30 | Software Technician | 2 | REG | \$125.00 | \$250.00 | |
| 31 | Technician Programmer | 1.5 | REG | \$109.00 | \$163.50 | |
| 32 | Technician Programmer | 1.5 | REG | \$109.00 | \$163.50 | |
| 33 | Technician Programmer | 1 | REG | \$109.00 | \$109.00 | |
| 34 | Technician Programmer | 1 | REG | \$109.00 | \$109.00 | |
| 35 | Technician Programmer | 2.5 | OT | \$125.00 | \$312.50 | |
| 36 | Technician Programmer | 3 | OT | \$125.00 | \$375.00 | |
| 37 | Technician Programmer | 1 | REG | \$109.00 | \$109.00 | |
| 38 | Technician Programmer | 5 | REG | \$109.00 | \$545.00 | |

| | A | B | C | D |
|----|-----------|---------------------|--|---|
| 39 | 26-Jun-18 | WASHBURN; GREGORY R | CIMS - Everett Central, Hancock and Swan | Central/Hancock Found all equipment at this site either dead or beary working. Found out that there was a power transformer that blew the other night. PTZ was fried at this location- Put in a Radio link from central park to Swans Park. For Jeff a |
| 40 | 26-Jun-18 | PAPPAS; SEAN M | CIMS - WINTHROP Revere and Crest | Repaired camera at the corner of Revere and Crest Ave. Re- focused it. |
| 41 | 26-Jun-18 | PAPPAS; SEAN M | CIMS - REVERE | Removed temp camera from the Revere Cinema |
| 42 | 26-Jun-18 | PAPPAS; SEAN M | CIMS - REVERE Walnut and Shirley | 3 Cameras and the radio link were down from this site. I had video locally on the cameras but the radio and the switch took a hit with the lightning storm the nigh before. i replaced the radio and the switch. Got the link back up and cams are back up and recording. |
| 43 | 30-Jun-18 | SAVAGE;MARK | CIMS - BOSTON Bowdoin and Geneva | Camera Swap |
| 44 | 27-Jun-18 | SONET | CIMS Boston Stanwood and Laredo | Check 120v and amperage, |
| 45 | 27-Jun-18 | SONET | CIMS Everett Hancock St Fire Station | Area outage fed off Hancock St fire tower, power restored by contractor working at the end of the day |
| 46 | 26-Jun-18 | SONET | CIMS Everett St Lawrence Cemetery | Troubleshoot and repair 120v circuit damaged by equipment aggregation, tried to temp out power but distance was an issue |
| 47 | 27-Jun-18 | SONET | CIMS Boston Boys & Girls Club | Check antenna connections feeding roof top CCTV equipment - reterminate and test connections |
| 48 | 26-Jun-18 | SONET | CIMS Sommerville Gilma & Walnut, Otis Park | No power - issue was 25 highland ave circuit feeding equipment |
| 49 | 26-Jun-18 | SONET | CIMS Everett Glenwood | Troubleshoot power loss at CCTV control cabinet - replace faulty eye, Fuller Street controls frozen perform reset |
| 50 | 26-Jun-18 | SONET | CIMS Everett Day Park | CCTV cameras down, troubleshoot control panels with DPW, found loose neutral in handhole |
| 51 | 27-Jun-18 | SONET | CIMS Boston Long Island | Check cables at 35 North Hampton Street antenna transmitting to Long Island CCTV cameras via hand holds .. Verify continuity at Long Island water tower |
| 52 | 27-Jun-18 | SONET | CIMS Boston Hancock and Whitemore | trouble shoot 120 volt power failure - due to NSTAR utility work, shutdown circuit breakers to CCTV equipment to prevent surge. Reset circuit breakers after re-energized by utility company |
| 53 | 26-Jun-18 | SONET | CIMS Revere MGH Health Center | CIMS Revere check 120 volt power in roof top cabinet, replace defective switch |
| 54 | 26-Jun-18 | SONET | CIMS Boston The Mather School | Troubleshoot 120 volt power |
| 55 | 26-Jun-18 | SONET | CIMS Everett | 120 volt power issue, cameras down tdu tto storm prior night, utility crew restoring power |
| 56 | 26-Jun-18 | SONET | CIMS Everett Hancock St | Restore 120 volt power after utility crews replaced barrel transformer |
| 57 | 27-Jun-18 | SONET | CIMS Boston 423 W Broadway | Install 120 volt wiring in cctv control cameras at A Street and D street BTD cabinets |
| 58 | 27-Jun-18 | SONET | CIMS Quincy Maritime | Re-install 120 volt power for CCTV camera due to storm |
| 59 | | | | |

| | E | F | G | H | I | J |
|----|-----------------------|-------|-----|----------|-------------|---|
| 39 | Technician Programmer | 5 | REG | \$109.00 | \$545.00 | |
| 40 | Technician Programmer | 3 | OT | \$125.00 | \$375.00 | |
| 41 | Technician Programmer | 1 | REG | \$109.00 | \$109.00 | |
| 42 | Technician Programmer | 2 | REG | \$109.00 | \$218.00 | |
| 43 | Technician Programmer | 4 | OT | \$125.00 | \$500.00 | |
| 44 | SONET 4931 | 11 | REG | \$102.00 | \$1,122.00 | |
| 45 | SONET 4932 | 4 | REG | \$102.00 | \$408.00 | |
| 46 | SONET 4922 | 10 | REG | \$102.00 | \$1,020.00 | |
| 47 | SONET 4931 | 7 | REG | \$102.00 | \$714.00 | |
| 48 | SONET 4918 | 12 | REG | \$102.00 | \$1,224.00 | |
| 49 | SONET 4919 | 11 | REG | \$102.00 | \$1,122.00 | |
| 50 | SONET 4917 | 15 | REG | \$102.00 | \$1,530.00 | |
| 51 | SONET 4930 | 12 | REG | \$102.00 | \$1,224.00 | |
| 52 | SONET 4929 | 19 | REG | \$102.00 | \$1,938.00 | |
| 53 | SONET 4921 | 16 | REG | \$102.00 | \$1,632.00 | |
| 54 | SONET 4927 | 21 | REG | \$102.00 | \$2,142.00 | |
| 55 | SONET 4650 | 6 | REG | \$102.00 | \$612.00 | |
| 56 | SONET 4924 | 6 | REG | \$102.00 | \$612.00 | |
| 57 | SONET 4887 | 11.5 | REG | \$102.00 | \$1,173.00 | |
| 58 | SONET 4887 | 20 | REG | \$102.00 | \$2,040.00 | |
| 59 | | 298.5 | | | \$31,922.00 | |

| | A | B | C | D |
|----|---------------------------------|---|-----------------------------|----------------------|
| 1 | | LAN-TEL Communications, Inc. | | |
| 2 | | Billing for CIMS Project - Material Costs | | |
| 3 | | 6.1.18 | | |
| 4 | Date of Service/Purchase | Location | Material Provided | Material Cost |
| 5 | | | | |
| 6 | | Nothing to Report | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | Total Material Costs | \$0.00 |

| | A | B | C | D | E | F |
|----|------------------------|-------------------|--|----------------|-------------|-------------------|
| 1 | | | LAN-TEL Communications, Inc. | | | |
| 2 | | | Billing for CIMS Project - Project Management Costs | | | |
| 3 | | | Jun-18 | | | |
| 4 | Date of Service | Location | Work Performed | # Hours | Rate | Total |
| 5 | 5/28/2018 | Various Locations | Check Network, Project Management, Respond to POC calls and emails | 2 | \$98.00 | \$196.00 |
| 6 | 6/1/2018 | Various Locations | Check Network, Project Management, Respond to POC calls and emails | 2 | \$98.00 | \$196.00 |
| 7 | 6/5/2018 | Various Locations | Check Network, Project Management, Respond to POC calls and emails | 2 | \$98.00 | \$196.00 |
| 8 | 6/8/2018 | Various Locations | Check Network, Project Management, Respond to POC calls and emails | 2 | \$98.00 | \$196.00 |
| 9 | 6/11/2018 | Various Locations | Check Network, Project Management, Respond to POC calls and emails | 2 | \$98.00 | \$196.00 |
| 10 | 6/13/2018 | Various Locations | Check Network, Project Management, Respond to POC calls and emails | 2 | \$98.00 | \$196.00 |
| 11 | 6/17/2018 | Various Locations | Check Network, Project Management, Respond to POC calls and emails | 2 | \$98.00 | \$196.00 |
| 12 | 6/21/2018 | Various Locations | Check Network, Project Management, Respond to POC calls and emails | 2 | \$98.00 | \$196.00 |
| 13 | 6/27/2018 | Various Locations | Check Network, Project Management, Respond to POC calls and emails | 2 | \$98.00 | \$196.00 |
| 14 | Total | | | 18 | | \$1,764.00 |

| | G |
|----|------------------------------|
| 1 | |
| 2 | |
| 3 | |
| 4 | Special Event, PSNET or CIMS |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |

| | A | B | C | D |
|----|--|--------------|--------------------|--------------------|
| 1 | June Labor Totals | | | |
| 2 | Labor Type | Hours | Total | |
| 3 | LAN-TEL Labor regular rate | 76 | \$8,284.00 | |
| 4 | LAN-TEL Labor overtime rate | 19 | \$2,375.00 | |
| 5 | LAN-TEL Software Tech double time rate | 0 | \$0.00 | |
| 6 | LAN-TEL Software Tech rate | 22 | \$2,750.00 | |
| 7 | LAN-TEL Software Tech overtime rate | 0 | \$0.00 | |
| 8 | LAN-TEL Software Tech double time rate | 0 | \$0.00 | |
| 9 | Sonet | 181.5 | \$18,513.00 | |
| 10 | Total Labor | 298.5 | \$31,922.00 | |
| 11 | | | | |
| 12 | Total Project Management Labor | 18 | \$1,764.00 | |
| 13 | Total Labor & PM | | | \$33,686.00 |
| 14 | June Material Totals | | | |
| 15 | Total PTZ DvTel Cameras | 0 | \$0.00 | |
| 16 | Total Fixed DvTel Cameras | 0 | \$0.00 | |
| 17 | Total Power Supplies | 0 | \$0.00 | |
| 18 | Total Bucket Truck Rentals (LAN-TEL & Sonet) | 0 | \$0.00 | |
| 19 | Total Adapters | 0 | \$0.00 | |
| 20 | Total Encoders | 0 | \$0.00 | |
| 21 | Total NEMA Enclosures | 0 | \$0.00 | |
| 22 | Total Astro Brackets | 0 | \$0.00 | |
| 23 | Total Antennas & Assoc. Equipment | 0 | \$0.00 | |
| 24 | Total Cable & Assoc. Hardware | - | \$0.00 | |
| 25 | Total POEs | 0 | \$0.00 | |
| 26 | Total Misc. Equipment | - | \$0.00 | |
| 27 | Total Material Used | | | \$0.00 |
| 28 | | | | |
| 29 | Total Billing for June Billing | | | \$33,686.00 |



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| | | |
|---|---------------------------------|-----------------|
| Dispatched | | |
| Purchase Order BOSTN-0000687471 | Date 2018-02-01 | Revision |
| Payment Terms 00 | Freight Terms DES PPD | |
| Buyer Jones,Brenda | | |

Vendor: 0000019146
Lan-Tel Communications Inc.
1400 Providence Highway, Building 3, Suite 3100
Norwood MA 02062
United States

Bill To: Auditing Department
One City Hall
Room M-4
Boston MA 02201
United States
Ship To: Mayor's Office of Emergency
Preparedness-Homeland Secur
Boston City Hall -Room 204
One City Hall Plaza
Boston MA 02201
United States
Attention: Not Specified

Tax Exempt? Y

State Tax Exempt ID:

Contract ID: 000000000000000000045401

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|----------|---|----------|-----|----------|--------------|------------|
| 1 - 1 | 24x7 PSnet NOC services, Feb 1, 2018 - June 30, 2018 | 1.00 | EA | 23520.00 | 23520.00 | 02/06/2018 |
| | 52907-200-231100-510E-2105-2017-HLS17002 | 1.00 | | | | |

Contract #45401
Event #5131
U15 - 4.1 Interop Technical Support

Total PO Amount 23520.00

****The above Purchase Order number must be included on all invoices to ensure accurate and timely payment.****

| | | |
|---|--|----------|
| Official Approvals | | |
| I certify that all records regarding this procurement are on file | Approved as to availability of appropriation | |
| Michele M. Bilodeau | Sally Glora | 2/5/2018 |
| Department Head/Purchasing Agent/BPS Business Manager | City Auditor/BPS Business Manager | |
| This is not a valid purchase order without the above signatures. | | |



LAN-TEL Communications, Inc.
1400 Providence Highway
Suite 3100
Norwood, MA 02062
781.551.8599 Fax 781.551.8667
www.lan-tel.com

MAYOR'S OFFICE OF EMERGENCY
PREPAREDNESS-HOMELAND SECURITY
BOSTON CITY HALL-ROOM204
ONE CITY HALL PLAZA
BOSTON, MA 02201

INVOICE ID: 9917851
DRAW ID: 1
DATE: July 12,2018

CONTRACT ID: 18-0290-20
PSNET NOC SERVICES-MayorsOffic
LOCATION:

SALESPERSON:
CUSTOMER ID: DOINNOV
PO #: BOSTN-000068747
Terms: Net 0

WORK PERFORMED 24X7 PSNET NOC SERVICES FEB 1,2018 - JUNE 30,2018. PO #
BOSTN-0000687471. CONTRACT # 45401

AMOUNT DUE: \$ 23,520.00

ATTN: ACCOUNTS PAYABLE

AMOUNT DUE THIS INVOICE

| |
|-------------|
| \$23,520.00 |
|-------------|

INTEREST @ 1.5% WILL BE CHARGED ON INVOICES OVER 60 DAYS.



HIQ COMPUTERS
 477 Riverside Ave
 Medford, MA 02155
 617-951-4650
 617-951-4651

Invoice No: 118522
 Date: 06/26/18
 Page: 1

Sold To: CITY OF BOSTON
 ONE CITY HALL PLAZA
 BOSTON, MA 02201

Customer No: 2
 Phone No: 617-635-4000

Ship To: Mayor's Office, Emergency Prep
 Homeland Sec. Room 204
 BOSTON, MA 02201

Phone.No: 617-635-4000

Term: NET 30
 Customer PO# 691301

Salesperson: #37 -Donna

| Item Description | Qty | Unit Price | Amount |
|---|-----|------------|---------|
| CISCO WS-C3750G-24TS-E-RF S/N: CAT0911K1CG CAT0844N0K2 CAT0844N0ES CAT0844N0FZ CAT0844N0UE CAT1128RJ6G CAT0844N0HY CAT1027NL6U | 8 | 475.00 | 3800.00 |
| CISCO WS-C3550-12T-RF S/N: CAT0805X0DV CAT0703X0YC CAT0646Z0G0 CAT0808X0C2 CAT0618Y11N CAT0926R1AA | 6 | 200.00 | 1200.00 |
| CISCO WS-C3750G-12S-E-RF S/N: CAT1003Z0BL CAT1042RGB6 FDO1350Y0QD FDO1348X2PQ FDO1350Y0Q8 CAT0847K1SU | 6 | 1215.00 | 7290.00 |

(Continued on Next Page ...)



HIQ COMPUTERS
 477 Riverside Ave
 Medford, MA 02155
 617-951-4650
 617-951-4651

Invoice No: 118522
 Date: 06/26/18
 Page: 2

Sold To: CITY OF BOSTON
 ONE CITY HALL PLAZA
 BOSTON, MA 02201

Customer No: 2
 Phone No: 617-635-4000

Ship To: Mayor's Office, Emergency Prep
 Homelan Sec. Room 204
 BOSTON, MA 02201

Phone.No: 617-635-4000

Term:NET 30
 Customer PO# 691301

Salesperson: #37 -Donna

| Item Description | Qty | Unit Price | Amount |
|--|-----|------------|---------|
| CISCO WS-C3750G-24T-E=RF S/N: CAT1008Z62D CAT0844N11F CAT0844X0C3 CAT0845R0V2 CAT0920X13J CAT0941Z14X | 6 | 510.00 | 3060.00 |
| -> SHIP TO <- CAMBRIDGE FIRE DEPARTMENT 491 BROADWAY CAMBRIDGE, MA 02138 ATTN: DAVID MAHONEY | 1 | 0.00 | 0.00 |

Delivery Date: _____

Customer Name: _____

Customer Signature: *David J. Mahoney*

Sub-Total: 15350.00

Shipping: 0.00

Tax [0]: EXEMPT*

Total: 15350.00



HIQ COMPUTERS
 477 Riverside Ave
 Medford, MA 02155
 617-951-4650
 617-951-4651

Invoice No: 118551
 Date: 06/26/18
 Page: 1

Sold To: CITY OF BOSTON
 ONE CITY HALL PLAZA
 BOSTON, MA 02201

Customer No: 2
 Phone No: 617-635-4000

Ship To: Mayor's Office, Emergency Prep
 Homelan Sec. Room 204
 BOSTON, MA 02201

Phone.No: 617-635-4000

Term:NET 30
 Customer PO# 691364

Salesperson: #23 -David

| Item Description | Qty | Unit Price | Amount |
|---|-----|------------|----------|
| TrippLite Web Management Acces | 64 | 209.00 | 13376.00 |
| TrippLite Web Management Accessory Card, model number | | | |
| WEBCARDLX | | | |
| S/N: | | | |
| 2806NV0AC88E200830 | | | |
| 2751NV0AC88E201069 | | | |
| 2806NV0AC88E200831 | | | |
| 2749NV0AC88E200593 | | | |
| 2801NV0AC88E200579 | | | |
| 2751NV0AC88E200907 | | | |
| 2801NV0AC88E200264 | | | |
| 2806NV0AC88E200832 | | | |
| 2806NV0AC88E200829 | | | |
| 2806NV0AC88E200828 | | | |
| 2806NV0AC88E200833 | | | |
| 2749NV0AC88E200591 | | | |
| 2751NV0AC88E200866 | | | |
| 2751NV0AC88E200876 | | | |
| 2749NV0AC88E200592 | | | |
| 2802NV0AC88E200367 | | | |
| 2802NV0AC88E200368 | | | |
| 2802NV0AC88E200369 | | | |
| 2802NV0AC88E200370 | | | |
| 2752NV0AC88E200535 | | | |
| 2752NV0AC88E200536 | | | |
| 2752NV0AC88E200537 | | | |
| 2752NV0AC88E200538 | | | |

(Continued on Next Page ...)



HIQ COMPUTERS
 477 Riverside Ave
 Medford, MA 02155
 617-951-4650
 617-951-4651

Invoice No: 118551
 Date: 06/26/18
 Page: 2

Sold To: CITY OF BOSTON
 ONE CITY HALL PLAZA
 BOSTON, MA 02201

Customer No: 2
 Phone No: 617-635-4000

Ship To: Mayor's Office, Emergency Prep
 Homelan Sec. Room 204
 BOSTON, MA 02201

Phone.No: 617-635-4000

Term:NET 30
 Customer PO# 691364

Salesperson: #23 -David

| Item Description | Qty | Unit Price | Amount |
|--------------------|-----|------------|--------|
| 2751NV0AC88E200834 | | | |
| 2751NV0AC88E200310 | | | |
| 2751NV0AC88E200424 | | | |
| 2751NV0AC88E200482 | | | |
| 2751NV0AC88E200671 | | | |
| 2751NV0AC88E200784 | | | |
| 2752NV0AC88E200512 | | | |
| 2752NV0AC88E200513 | | | |
| 2752NV0AC88E200514 | | | |
| 2752NV0AC88E200515 | | | |
| 2752NV0AC88E200516 | | | |
| 2749NV0AC88E200370 | | | |
| 2749NV0AC88E200117 | | | |
| 2749NV0AC88E200099 | | | |
| 2749NV0AC88E200550 | | | |
| 2749NV0AC88E200505 | | | |
| 2749NV0AC88E200452 | | | |
| 2749NV0AC88E200235 | | | |
| 2749NV0AC88E200012 | | | |
| 2749NV0AC88E200146 | | | |
| 2749NV0AC88E200482 | | | |
| 2802NV0AC88E200371 | | | |
| 2802NV0AC88E200372 | | | |
| 2802NV0AC88E200373 | | | |
| 2802NV0AC88E200374 | | | |
| 2802NV0AC88E200375 | | | |
| 2751NV0AC88E200846 | | | |

(Continued on Next Page ...)



HIQ COMPUTERS
 477 Riverside Ave
 Medford, MA 02155
 617-951-4650
 617-951-4651

Invoice No: 118551
 Date: 06/26/18
 Page: 3

Sold To: CITY OF BOSTON
 ONE CITY HALL PLAZA
 BOSTON, MA 02201

Customer No: 2
 Phone No: 617-635-4000

Ship To: Mayor's Office, Emergency Prep
 Homelan Sec. Room 204
 BOSTON, MA 02201

Phone.No: 617-635-4000

Term:NET 30
 Customer PO# 691364

Salesperson: #23 -David

| Item Description | Qty | Unit Price | Amount |
|---|-----|------------|---------|
| 2751NV0AC88E200264 | | | |
| 2751NV0AC88E200572 | | | |
| 2751NV0AC88E200379 | | | |
| 2751NV0AC88E200692 | | | |
| 2749NV0AC88E200068 | | | |
| 2749NV0AC88E200085 | | | |
| 2749NV0AC88E200436 | | | |
| 2749NV0AC88E200479 | | | |
| 2749NV0AC88E200032 | | | |
| 2751NV0AC88E200931 | | | |
| 2751NV0AC88E200825 | | | |
| 2751NV0AC88E200178 | | | |
| 2751NV0AC88E200812 | | | |
| 2751NV0AC88E200828 | | | |
| TrippLite EnviroSense2 (E2) | 22 | 110.00 | 2420.00 |
| TrippLite EnviroSense2 (E2) Environmental Sensor Module with Temperature, Humidity and Digital Inputs, model number E2MTHDI S/N: | | | |
| 2801AV0AC89FC00225 | | | |
| 2801AV0AC89FC00222 | | | |
| 2810AV0AC89FC00214 | | | |
| 2810AV0AC89FC00215 | | | |
| 2801AV0AC89FC00216 | | | |
| 2810AV0AC89FC00226 | | | |
| 2810AV0AC89FC00227 | | | |
| 2810AV0AC89FC00138 | | | |

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HIQ COMPUTERS
 477 Riverside Ave
 Medford, MA 02155
 617-951-4650
 617-951-4651

Invoice No: 118551
 Date: 06/26/18
 Page: 4

| | |
|--|--|
| Sold To: CITY OF BOSTON ONE CITY HALL PLAZA BOSTON, MA 02201 | Customer No: 2 Phone No: 617-635-4000 |
| Ship To: Mayor's Office, Emergency Prep Homelan Sec. Room 204 BOSTON, MA 02201 | Phone.No: 617-635-4000 |

Term:NET 30
 Customer PO# 691364

Salesperson: #23 -David

| Item Description | Qty | Unit Price | Amount |
|---|-----|------------|--------|
| 2810AV0AC89FC00122 | | | |
| 2810AV0AC89FC00137 | | | |
| 2810AV0AC89FC00121 | | | |
| 2810AV0AC89FC00193 | | | |
| 2810AV0AC89FC00209 | | | |
| 2810AV0AC89FC00195 | | | |
| 2801AV0AC89FC00219 | | | |
| 2810AV0AC89FC00123 | | | |
| 2810AV0AC89FC00136 | | | |
| 2813AV0AC89FC00355 | | | |
| 2810AV0AC89FC00217 | | | |
| 2810AV0AC89FC00139 | | | |
| 2810AV0AC89FC00131 | | | |
| 2810AV0AC89FC00124 | | | |
| TrippLite 2U UPS Replacement | 3 | 185.00 | 555.00 |
| TrippLite 2U UPS Replacement 48VDC Battery Cartridge (1 set of 4) for select Tripp Lite SmartPro UPS, model number RBC94-2U S/N: 2804BD0RB584700318 2804BD0RB584700321 2804BD0RB584700303 | | | |
| -> SHIP TO <- Cambridge Fire Department 491 Broadway Chief Reardon Cambridge MA 02138 | 1 | 0.00 | 0.00 |

(Continued on Next Page ...)



HIQ COMPUTERS
 477 Riverside Ave
 Medford, MA 02155
 617-951-4650
 617-951-4651

Invoice No: 118551
 Date: 06/26/18
 Page: 5

Sold To: CITY OF BOSTON
 ONE CITY HALL PLAZA
 BOSTON, MA 02201

Customer No: 2
 Phone No: 617-635-4000

Ship To: Mayor's Office, Emergency Prep
 Homelan Sec. Room 204
 BOSTON, MA 02201

Phone.No: 617-635-4000

Term:NET 30
 Customer PO# 691364

Salesperson: #23 -David

| Item Description | Qty | Unit Price | Amount |
|------------------|-----|------------|--------|
|------------------|-----|------------|--------|

David Mahoney
 617-349-4929

Delivery Date: _____

Customer Name: _____

Customer Signature: Bonnie J. Collymore

Sub-Total: 16351.00
 :
 Shipping: 0.00
 Tax [0]: EXEMPT*
 Total: 16351.00



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| Dispatched | | |
|------------------|---------------|----------|
| Purchase Order | Date | Revision |
| BOSTN-0000691301 | 2018-06-05 | |
| Payment Terms | Freight Terms | |
| Net 30 | DES PPD | |
| Buyer | | |
| Bonaceto, Gerard | | |

Vendor: 0000064591
PJ Systems Inc. d/b/a
HiQ Computers
477 Riverside Ave.
Medford MA 02155
United States

Bill To: Auditing Department
One City Hall
Room M-4
Boston MA 02201
United States

Ship To: Cambridge Fire Department
491 Broadway
Chief Reardon
Cambridge MA 02138
United States

Attention: See Detail Below

Tax Exempt? Y

State Tax Exempt ID: 04-6001380

Contract ID: 0000000000000000000039470

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|----------|--|----------|-----|--------------------------|--------------|------------|
| 1 - 1 | CISCO network switch WS- C3750G-24TS-E-RF | 8.00 | EA | 475.00 | 3800.00 | 06/30/2018 |
| | | | | Attention: David Mahoney | | |
| | 55940-200-231100-510E-2305-2016-HLS16002 | 8.00 | | | | |
| 2 - 1 | CISCO network switch WS-C3550- 12T-RF | 6.00 | EA | 200.00 | 1200.00 | 06/30/2018 |
| | | | | Attention: David Mahoney | | |
| | 55940-200-231100-510E-2305-2016-HLS16002 | 6.00 | | | | |
| 3 - 1 | CISCO network switch WS- C3750G-12S-E-RF | 6.00 | EA | 1215.00 | 7290.00 | 06/30/2018 |
| | | | | Attention: David Mahoney | | |
| | 55940-200-231100-510E-2305-2016-HLS16002 | 6.00 | | | | |
| 4 - 1 | CISCO network switch WS- C3750G-24T-E-RF | 6.00 | EA | 510.00 | 3060.00 | 06/30/2018 |
| | | | | Attention: David Mahoney | | |
| | 55940-200-231100-510E-2305-2016-HLS16002 | 6.00 | | | | |

QUOTE # 25773

Mass. State Contract ITC47

Total PO Amount 15350.00

****The above Purchase Order number must be included on all invoices to ensure accurate and timely payment.****



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| Dispatched | | |
|------------------|---------------|----------|
| Purchase Order | Date | Revision |
| BOSTN-0000691301 | 2018-06-05 | |
| Payment Terms | Freight Terms | |
| Net 30 | DES PPD | |
| Buyer | | |
| Bonaceto, Gerard | | |

Vendor: 0000064591
PJ Systems Inc. d/b/a
HiQ Computers
477 Riverside Ave.
Medford MA 02155
United States

Bill To: Auditing Department
One City Hall
Room M-4
Boston MA 02201
United States

Ship To: Cambridge Fire Department
491 Broadway
Chief Reardon
Cambridge MA 02138
United States

Attention: See Detail Below

Tax Exempt? Y

State Tax Exempt ID: 04-6001380

Contract ID: 000000000000000000039470

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|--|---|----------|-----|----------|--|----------|
| Official Approvals | | | | | | |
| | I certify that all records regarding this procurement are on file | | | | Approved as to availability of appropriation | |
| | Gerard Bonaceto | | | | Sally Glora | 6/6/2018 |
| | Department Head/Purchasing Agent/BPS Business Manager | | | | City Auditor/BPS Business Manager | |
| This is not a valid purchase order without the above signatures. | | | | | | |



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| Dispatched | | |
|------------------|---------------|----------|
| Purchase Order | Date | Revision |
| BOSTN-0000691364 | 2018-06-06 | |
| Payment Terms | Freight Terms | |
| Net 30 | DES PPD | |
| Buyer | | |
| Bonaceto, Gerard | | |

Vendor: 0000064591
PJ Systems Inc. d/b/a
HiQ Computers
477 Riverside Ave.
Medford MA 02155
United States

Bill To: Auditing Department
One City Hall
Room M-4
Boston MA 02201
United States
Ship To: Cambridge Fire Department
491 Broadway
Chief Reardon
Cambridge MA 02138
United States
Attention: Not Specified

Tax Exempt? N

State Tax Exempt ID:

Contract ID: 000000000000000000046125

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|----------|---|----------|-----|----------|--------------|------------|
| 1 - 1 | TrippLite Web Management Accessory Card, model number WEBCARDLX | 64.00 | EA | 209.00 | 13376.00 | 06/11/2018 |
| | 55940-200-231100-510E-2305-2016-HLS16002 | 64.00 | | | | |
| 2 - 1 | TrippLite EnviroSense2 (E2) Environmental Sensor Module with Temperature, Humidity and Digital Inputs, model number E2MTHDI | 22.00 | EA | 110.00 | 2420.00 | 06/11/2018 |
| | 55940-200-231100-510E-2305-2016-HLS16002 | 22.00 | | | | |
| 3 - 1 | TrippLite 2U UPS Replacement 48VDC Battery Cartridge (1 set of 4) for select Tripp Lite SmartPro UPS, model number RBC94-2U | 3.00 | EA | 185.00 | 555.00 | 06/11/2018 |
| | 55940-200-231100-510E-2305-2016-HLS16002 | 3.00 | | | | |

This order is issued pursuant to Bid Event # EV00005598

Total PO Amount 16351.00

****The above Purchase Order number must be included on all invoices to ensure accurate and timely payment.****



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| Dispatched | | |
|------------------|---------------|----------|
| Purchase Order | Date | Revision |
| BOSTN-0000691364 | 2018-06-06 | |
| Payment Terms | Freight Terms | |
| Net 30 | DES PPD | |
| Buyer | | |
| Bonaceto, Gerard | | |

Vendor: 0000064591
PJ Systems Inc. d/b/a
HiQ Computers
477 Riverside Ave.
Medford MA 02155
United States

Bill To: Auditing Department
One City Hall
Room M-4
Boston MA 02201
United States

Ship To: Cambridge Fire Department
491 Broadway
Chief Reardon
Cambridge MA 02138
United States

Attention: Not Specified

Tax Exempt? N

State Tax Exempt ID:

Contract ID: 00000000000000000046125

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|--|---|----------|-----|----------|--|----------|
| Official Approvals | | | | | | |
| | I certify that all records regarding this procurement are on file | | | | Approved as to availability of appropriation | |
| | Gerard Bonaceto | | | | Sally Glora | 6/8/2018 |
| | Department Head/Purchasing Agent/BPS Business Manager | | | | City Auditor/BPS Business Manager | |
| This is not a valid purchase order without the above signatures. | | | | | | |



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| Dispatched | | |
|------------------|---------------|----------|
| Purchase Order | Date | Revision |
| BOSTN-0000691256 | 2018-06-01 | |
| Payment Terms | Freight Terms | |
| Net 30 | DES PPD | |
| Buyer | | |
| Bonaceto, Gerard | | |

Vendor: 0000036289
CDW Government LLC
2 Corporate Drive, Suite 800
Shelton CT 06484
United States

Bill To: Auditing Department
One City Hall
Room M-4
Boston MA 02201
United States
Ship To: Cambridge Fire Department
491 Broadway
Chief Reardon
Cambridge MA 02138
United States
Attention: See Detail Below

Tax Exempt? Y

State Tax Exempt ID: 04-6001380

Contract ID: 0000000000000000000038129

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|----------|---|----------|-----|-------------------------------------|--------------|------------|
| 1 - 1 | RAD IPmux-1E-gateway part # IPMUX-1E/AC/4E&M/UTP | 4.00 | EA | 1977.65 Attention: David Mahoney | 7910.60 | 06/30/2018 |
| | 55940-200-231100-510E-2305-2016-HLS16002 | 4.00 | | | | |

QUOTE # JVJB069

Mass. State Contract ITC47

Total PO Amount 7910.60

******The above Purchase Order number must be included on all invoices to ensure accurate and timely payment.******

| Official Approvals | | |
|---|--|----------|
| I certify that all records regarding this procurement are on file | Approved as to availability of appropriation | |
| Gerard Bonaceto | Sally Glora | 6/4/2018 |
| Department Head/Purchasing Agent/BPS Business Manager | City Auditor/BPS Business Manager | |

This is not a valid purchase order without the above signatures.

REMIT PAYMENT TO:

INVOICE

ACH INFORMATION:
 THE NORTHERN TRUST
 50 SOUTH LASALLE STREET
 CHICAGO, IL 60675

E-mail Remittance To: gachremittance@cdw.com
 ROUTING NO.: 071000152
 ACCOUNT NAME: CDW GOVERNMENT
 ACCOUNT NO.: 91057



CDW Government
 75 Remittance Drive, Suite 1515
 Chicago, IL 60675-1515



RETURN SERVICE REQUESTED

| INVOICE NUMBER | INVOICE DATE | CUSTOMER NUMBER |
|----------------|--------------|-------------------|
| NKJ2517 | 07/16/18 | 11814763 |
| SUBTOTAL | SHIPPING | SALES TAX |
| \$7,910.60 | \$0.00 | \$0.00 |
| DUE DATE | | AMOUNT DUE |
| 08/15/18 | | \$7,910.60 |

CITY OF BOSTON
 AUDITING DEPARTMENT
 1 CITY HALL SQ RM M4
 BOSTON MA 02201-1020
 USA

CDW Government
 75 Remittance Drive
 Suite 1515
 Chicago, IL 60675-1515

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

| INVOICE DATE | INVOICE NUMBER | PAYMENT TERMS | | | DUE DATE | |
|--------------|---|-----------------------|----------|---------|-----------------|----------|
| 07/16/18 | NKJ2517 | Net 30 Days | | | 08/15/18 | |
| ORDER DATE | SHIP VIA | PURCHASE ORDER NUMBER | | | CUSTOMER NUMBER | |
| 06/05/18 | DROP SHIP-GROUND | 691256 | | | 11814763 | |
| ITEM NUMBER | DESCRIPTION | QTY ORD | QTY SHIP | QTY B/O | UNIT PRICE | TOTAL |
| 4738642 | RAD DIRECT TDMOIP 4 E&M GATEWAY Manufacturer Part Number: IPMUX-1E/AC/4E&M/UTP | 4 | 4 | 0 | 1,977.65 | 7,910.60 |

GO GREEN!

CDW is happy to announce that paperless billing is now available! If you would like to start receiving your invoices as an emailed PDF, please email CDW at paperlessbilling@cdw.com. Please include your Customer number or an Invoice number in your email for faster processing.

REDUCE PROCESSING COSTS AND ELIMINATE THE HASSLE OF PAPER CHECKS!

Begin transmitting your payments electronically via ACH using CDW's bank and remittance information located at the top of the attached payment coupon. Email credit@cdw.com with any questions.

| ACCOUNT MANAGER | SHIPPING ADDRESS: | SUBTOTAL | |
|--|---|------------|-------------------|
| ANDREW BERTUGLIA 203-851-7092 andbert@cdwg.com | CAMBRIDGE FIRE DEPT DAVID MAHONEY 491 BROADWAY CAMBRIDGE MA 02138-3824 | | \$7,910.60 |
| SALES ORDER NUMBER | | SHIPPING | \$0.00 |
| JVNJ297 | | SALES TAX | \$0.00 |
| | | AMOUNT DUE | \$7,910.60 |



Cage Code Number 1KH72
 DUNS Number 02-615-7235

ISO 9001 and ISO 14001 Certified
 CDW GOVERNMENT FEIN 36-4230110

HAVE QUESTIONS ABOUT YOUR ACCOUNT?
 PLEASE EMAIL US AT credit@cdw.com
 VISIT US ON THE INTERNET AT www.cdw.com



1400 Providence Hwy
 Building 3 Suite 3100
 Norwood, MA 02062
 Phone: (844) 575-2001 (Please Note New Toll Free Number)

Invoice No.

LAN-TEL(Security)

Date: 5/7/2018
Invoice No. 19486
No.:

1400 Providence Hwy
 Building 3 Suite 3100
 Norwood, MA 02062

Bill to: CITY OF BOSTON AUDITING DEPT.
 ATTN: EAMON MILLER
 ONE CITY HALL - ROOM M-4
 BOSTON, MA 02201

Service at: WM J DIVINE GOLF COURSE
 1 CIRCUIT DRIVE
 DORCHESTER, MA 02121

Customer ID: COBOSAU

Description: Work Order 46196 2 - MAC Work

Reference: Work Order 46196

Terms:

PO Number: AAAQ3032

| Item | Description | Quantity | Unit Price | Amount |
|----------------------|-------------------|----------|-------------------------------|-----------------|
| Miscellaneous | | | | |
| 05/01/18 | BILLING PER QUOTE | 1.00 | 1,638.20 | 1,638.20 |
| | | | Miscellaneous Subtotal | 1,638.20 |

SIGNED QUOTE AAAQ3032

INSTALL 8 CHANNEL NVR LOCATED WHERE CITY
 TERMINATES CAMERA CABLES

CITY TO PROVIDE IP ADDRESS/REMOTE ACCESS
 NETWORK REQUIREMENTS

| | |
|-------------------|-----------------|
| Subtotal: | 1,638.20 |
| Sales Tax: | 0.00 |
| Total Due: | 1,638.20 |

Security Camera Strategy Status Meeting – 8/1/18

Time: **Wednesday, 8/1/2018, 9:00AM – 10:00AM (Next meeting - 3 weeks out = 8/22/2018)**
Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (Updates in bold)

- **City Hall Core System Upgrades: Ongoing**
 - **City Hall camera maintenance** – Ongoing. Muni-Sec and Linda managing.
- **BCYF - Gallivan CC – Update – Opening Sept 1st – 16 new cameras; RAP, Comcast cable modem and service were ordered by BCYF – waiting to receive RAP and on date for Comcast service. Network switch configured and ready for install. Patch panel may be needed.** Cameras will be integrated to BCYF camera system once network connectivity established. Cameras to use DHCP for IP addressing. Linda working with James Sessum and Rob Flaherty.
- **BCYF Vine St CC – Update – Opening early Sept - 14 new cameras (3 exterior and 11 interior). Pt-to-pt wireless on roof re-installation requires remediation to meet specs. SullyMac to do remediation and needs PO ASAP for quote provided this week. Quote sent to Procurement on 7/31.** (No network cabinet needed as server room has rack(s) installed.) Linda, Rob and Roberson managing project together.
- **BPD Camera projects – downtown crossing – Phase 2 completing this month.** Phase 3 has started and installs to begin later this month. Backhaul to China Trade = critical. Shawn/Matt/Louie managing.
- **BPD HQ – Update** – Funding allocated by OEM. Shawn/Louie managing.
- **BPHC - Woods Mullen Medical Ctr – Mass Ave/Albany St Homeless Shelter – 90% complete** – replacing 7 analog cameras and adding ~11 IP cameras = 18 cameras total. Replacing PA & card reader systems also.
- **BPHC – Other Camera Projects** – a.) **Albany St. fiber run to 35 N. Hampton** – 12 count fiber run completed and IPs for cameras issued. b.) **Need update:** 35 N. Hampton-camera adds; integration to City Hall Core system is TBD. C.) **Need update:** J. Cushing using 2 encoders at 785 Albany St, 5th floor/EMS HQ for analog camera connectivity. 2 IPs provided for set up.
- **2 Boylston/China Trade – Update – Construction in progress - Update** – Lan-Tel specifications for fiber to roof and wireless until installation on roof – approved by COB construction (Dolores Fazio). (Because this is a historical building, construction must be spec'd and approved prior.) Lan-Tel to complete work by this week-8/3. DoIT to provide 2 switches – 1 for server room to be installed 8/2, and 1 for 6th floor. BPD requesting connectivity via BoNet for pt-to-pt wireless connection (critical path for BPD DTX cameras).
- **Archives Bldg (W. Roxbury) – Same update** – Switch upgrade complete. Next steps: 1.) cabling to be run by John Gillis; 2.) cameras to be installation and added to Municipal Security Genetec camera infrastructure – IPs requested. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. CAT6 cabling and PoE extenders are needed.

Security Camera Strategy

Status Meeting – 8/1/18

- **Boston Common Visitor Center – No new update - John Gillis to do cabling. Steve to purchase 12 port , managed POE, sgl pwr supply switch.** Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P2 Synesis project ~ 18 mos. out)
- **Frog Pond Camera – No new update** – John Gillis to do cabling from 2nd floor to basement/BoNet node 300mg link connection. Bos.Skating Club owns cameras and Avigilon DVR currently there. Cameras to be integrated to City Hall system for BPD viewing. Steve managing.
- **BFD Maintenance Garage (900 Mass Ave) to BFD HQ (115 S. Hampton) – Update – Connectivity to BoNet network established. Cameras, cabling and licensing installed and completed. Waiting on camera cables to be plugged in to switch ports.** (IPs provided = .67 to .125)
- **Martin Richard Park** – BPD handling camera installation and support. Wifi currently not in plans.
- **Custom House Block – Same Update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.
- **Citywide Camera project hosted by OEM/Rene** – Met with Rene last week. Linda providing standard minimum camera specs for City agencies and Shawn providing specs for BPD. (Note: Genetec supports integration with ~ 260 camera make/models and COMS/FLIR supports integration with DVTel cameras.)
- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.
- **Private Company Camera Share – New Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Group meeting scheduled for 6/7. (May consider 3rd party hosting options.)
 - ‘ **On Hold - Canterbury Street, Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues)** - Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.
 - ‘ **On Hold - Water & Sewer – HQ-Harrison Ave (78 cameras) & Alford St (37 cameras) – On hold due to budget.**
 - ‘ **BCYF – Hyde Park CC – On Hold** – Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Roadblocks / Critical issues:

- None

Security Camera Strategy Status Meeting – 8/1/18

II. On SUMMER schedule.

| Attendees | | Invited | Attended |
|-------------------------|--------------|----------------|-----------------|
| Brett Haynes | COB Network | X | |
| Brian Barcelou | BPD, Network | X | |
| Brian Henry | MBTA | X | |
| John Gillis | MPS | X | |
| Dan Rothman | CTO, COB | X | |
| Krishnamoorthi Ramasamy | BPHC | X | |
| Conor McDavitt | Siemens | X | |
| Eric Johnson | Lan-Tel | X | |
| Robert Gilchreist | Siemens | X | |
| Jarrold Fullerton | Genetec | X | |
| Jason MacDonald | BFD | X | |
| Jeff Beers | BPHC | X | |
| Jason Marshall | BPD, Network | X | |
| Jerry Turner | COB Network | X | |
| Jim Fitzpatrick | BPD, Network | X | |
| Linda Calnan | COB | X | |
| Louis Madeira | BPD | X | |
| Rob Flaherty | BCYF | X | |
| Mike Flaherty | MPS | X | |
| Mike Kane | OEM | X | |
| Nelson Vasconcelos | Siemens | X | |
| Shawn Romanoski | BPD | X | |
| Vinny Stancato | Lan-Tel | X | |
| William Joyce | MPS | X | |
| Wilson Aleman | BTD | X | |
| Gary Cupido | VidSys | X | |
| Matt Spillane | BPD | X | |



LAN-TEL Communications, Inc.
1400 Providence Highway
Suite 3100
Norwood, MA 02062
781.551.8599 Fax 781.551.8667
www.lan-tel.com

CITY OF BOSTON AUDITING DEPT.
ATTN: ACCOUNTS PAYABLE
ONE CITY HALL - ROOM M-4
BOSTON, MA 02201

INVOICE ID: 9917963
DRAW ID: 2
DATE: August 15,2018

CONTRACT ID: 17-0334-20
QUINCY PANASONIC QD-AuditingDe
LOCATION:

SALESPERSON:
CUSTOMER ID: COBOSAU
PO #: 679727
Terms: Net 0

FOR WORK PERFORMED: 3 PANASONIC WWSW395 CAMERAS WILL BE INSTALLED TO VIEW AND RECORD UPON THE DIRECTIONS OF THE QUINCY POLICE DEPARTMENT (QPD). THE CAMERA WILL BE INTEGRATED ONTO THE EXISTING QP VIEW COMMANDER NETWORK. PO # 679727

BILLING IN THE AMOUNT OF: \$18,247.02

ATTN: ACCOUNTS PAYABLE

AMOUNT DUE THIS INVOICE

| |
|-------------|
| \$18,247.02 |
|-------------|

Credit Card Payments will incur fee of 3.5%
INTEREST @ 1.5% WILL BE CHARGED ON INVOICES OVER 60 DAYS.



LAN-TEL Communications, Inc.
 1400 Providence Highway
 Suite 3100
 Norwood, MA 02062
 781.551.8599 Fax 781.551.8667
 www.lan-tel.com

CITY OF BOSTON AUDITING DEPT.
 ATTN: ACCOUNTS PAYABLE
 ONE CITY HALL - ROOM M-4
 BOSTON, MA 02201

INVOICE ID: 9917969
 DRAW ID: 4
 DATE: July 14, 2018

CONTRACT ID: 18-5901-25
 PSNET 2018 2019-AuditingDepart
 LOCATION:

SALESPERSON:
 CUSTOMER ID: COBOSAU
 PO #: 0000692486
 Terms: Net 0

WORK PERFORMED FOR BI-WEEKLY PERIOD OF JULY 01, 2018 TO JULY 14, 2018

PSNET SUPPORT SERVICES FROM JULY 01, 2018 TO JUNE 30, 2019

PO # BOSTN-0000692486 CONTRACT ID 0000000000000000000046136

BI-WEEKLY BILLING IN THE AMOUNT OF: \$40,700.00

ATTN: SARAH PLOWMAN

AMOUNT DUE THIS INVOICE

| |
|--------------------|
| \$40,700.00 |
|--------------------|

Credit Card Payments will incur fee of 3.5%
 INTEREST @ 1.5% WILL BE CHARGED ON INVOICES OVER 60 DAYS.

| | A | B | C | D |
|----|--|--------------|--------------------|--------------------|
| 1 | February Labor Totals | | | |
| 2 | Labor Type | Hours | Total | |
| 3 | LAN-TEL Labor regular rate | 89 | \$9,701.00 | |
| 4 | LAN-TEL Labor overtime rate | 76 | \$9,500.00 | |
| 5 | LAN-TEL Software Tech double time rate | 4 | \$636.00 | |
| 6 | LAN-TEL Software Tech rate | 14 | \$1,750.00 | |
| 7 | LAN-TEL Software Tech overtime rate | 2 | \$290.00 | |
| 8 | LAN-TEL Software Tech double time rate | 2 | \$360.00 | |
| 9 | Sonet | 221 | \$22,542.00 | |
| 10 | Total Labor | 408 | \$44,779.00 | |
| 11 | | | | |
| 12 | Total Project Management Labor | 16 | \$1,568.00 | |
| 13 | Total Labor & PM | | | \$46,347.00 |
| 14 | February Material Totals | | | |
| 15 | Total PTZ DvTel Cameras | 0 | \$0.00 | |
| 16 | Total Fixed DvTel Cameras | 0 | \$0.00 | |
| 17 | Total Power Supplies | 0 | \$0.00 | |
| 18 | Total Bucket Truck Rentals (LAN-TEL & Sonet) | 0 | \$0.00 | |
| 19 | Total Adapters | 0 | \$0.00 | |
| 20 | Total Encoders | 0 | \$0.00 | |
| 21 | Total NEMA Enclosures | 0 | \$0.00 | |
| 22 | Total Astro Brackets | 0 | \$0.00 | |
| 23 | Total Antennas & Assoc. Equipment | 0 | \$0.00 | |
| 24 | Total Cable & Assoc. Hardware | - | \$0.00 | |
| 25 | Total POEs | 0 | \$0.00 | |
| 26 | Total Misc. Equipment | - | \$0.00 | |
| 27 | Total Material Used | | | \$0.00 |
| 28 | | | | |
| 29 | Total Billing for February 2018 | | | \$46,347.00 |

| | A | B | C | D | E |
|----|--------|-----------|-----------|--------------------------|---|
| 1 | Line # | Date | Vendor | Location | Description |
| 2 | 1 | 7/2 | LAN-TEL | Chelsea | Trouble Shoot |
| 3 | 2 | 7/2-7/3 | Interisle | Boston | Network Extensions to Command Center for July 4th |
| 4 | 3 | 7/5-7/6 | Interisle | All | Radius Account Management |
| 5 | 4 | 7/9 | Interisle | Boston Schroeder Plaza | Intermapper Software Upgrades |
| 6 | 5 | 7/10 | Interisle | Everett Whidden Hospital | Integration of new MNI Microwave Links |
| 7 | 6 | 7/11 | Interisle | Cambridge | Prep for new PSNET Back bone Nodes |
| 8 | 7 | 7/10-7/11 | LAN-TEL | Dorchester | Mather School 1 Parish St, Dorchester |
| 9 | 8 | 7/12 | Interisle | Cambridge Fire | Replacement of core PSNET Switches |
| 10 | 9 | 7/13 | Interisle | Chelsea | Problem Resolution - BRIC Crime View access lost |
| 11 | 10 | 7/14 | Interisle | Brookline | Diagnosed problem with new Ubiquiti Link |
| 12 | 11 | 7/14 | Interisle | Boston | Problem Resolution - Assessed status of Air pair link between 2 sites |

| | F | G |
|----|--|---|
| 1 | Work Performed | |
| 2 | Trouble shoot power outage Soldiers Field Home | |
| 3 | PSnet was extended again this year to the Unified Command Center at Fisher College and the Cambridge Command Center at MIT for the July 4th celebrations. This included Juniper SSG firewalls to allow Cambridge Staff to access their internal systems | |
| 4 | Accounts were disabled for vendor staff no longer under contract. Other methods of access were also closed down. Accounts were added for staff from vendors supporting CIMS deployments | |
| 5 | The latest versions of InterMapper server and Remote Access client software have been retrieved from the vendor along with current documentation. Field testing of the new server software is underway on the Boston IM system | |
| 6 | Worked with Industrial/Skywave team to begin integrating the five new MNI microwave radio links into the PSnet backbone. The Whidden<=>Everett-PD link is integrated and ready to go | |
| 7 | New backbone nodes are being added to PSnet in Cambridge at Millers River Apartments (15 Lambert St.) and Avalon North Point (1 Leighton St.). Both new nodes are also endpoints for MNI microwave links, and will be on City of Cambridge fiber | |
| 8 | Relocate CCTV equipment and power to accommodate roof work. | |
| 9 | With two new backbone nodes, plus additional fiber connections to other radio sites in Cambridge, the core PSnet switches at Cambridge Fire HQ needed to be replaced to provide additional fiber ports. A pair of 2-member 3750G-12S switch stacks have been deployed and configured to replace the original pair of 3550-12G switches | |
| 10 | Investigated loss of access from Chelsea Detectives to BRIC CrimeView system. Problem traced to connection removed to Chelsea DMZ, apparently by IPC when upgrading CJIS | |
| 11 | Analysis narrowed problem to new radio at 90 Longwood. However, this radio came back to life on its own | |
| 12 | Management access to both AirPair radios that link 35 Northampton to Walnut Park was lost several months ago. Now there have been performance problems with this link, but there is no data on nature of these problems. | |

| | A | B | C | D |
|----|---------------------------------|---|-----------------------------|----------------------|
| 1 | | LAN-TEL Communications, Inc. | | |
| 2 | | Billing for PSNET Project - Material Costs | | |
| 3 | | July 1st through July 14th | | |
| 4 | Date of Service/Purchase | Location | Material Provided | Material Cost |
| 5 | | | | |
| 6 | | | | |
| 7 | | Nothing to Report | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | Total Material Costs | \$0.00 |

| | A | B | C | D |
|---|------------------------|-----------------|--|-------------------|
| 1 | | | LAN-TEL Communications, Inc. | |
| 2 | | | Billing for PSNET Project - Project Management Costs | |
| 3 | | | July Billing | |
| 4 | Date of Service | Location | Work Performed | Total |
| 5 | 7/1/18 - 7/14/18 | All | Check Network, Project Management, Respond to POC calls and emails | \$2,700.00 |
| 6 | | | Total | \$2,700.00 |

| | A | B | C | D |
|---|---|---|---|--------------------|
| 1 | | | Summary of Activity | |
| 2 | | | Vendor | Total |
| 3 | | | Interisle Consulting Group LLC | \$25,384.62 |
| 4 | | | Skywave | \$4,615.38 |
| 5 | | | LAN-TEL Technicians | \$8,000.00 |
| 6 | | | LAN-TEL Project Management | \$2,700.00 |
| 7 | | | Subtotal | \$40,700.00 |
| 8 | | | Materials | 0 |
| 9 | | | Billing for July 1st through July 14th | \$40,700.00 |



LAN-TEL Communications, Inc.
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 Suite 3100
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 781.551.8599 Fax 781.551.8667
 www.lan-tel.com

CITY OF BOSTON AUDITING DEPT.
 ATTN: ACCOUNTS PAYABLE
 ONE CITY HALL - ROOM M-4
 BOSTON, MA 02201

INVOICE ID: 9917970
 DRAW ID: 5
 DATE: July 28.2018

CONTRACT ID: 18-5901-25
 PSNET 2018 2019-AuditingDepart
 LOCATION:

SALESPERSON:
 CUSTOMER ID: COBOSAU
 PO #: 0000692486
 Terms: Net 0

WORK PERFORMED FOR BI-WEEKLY PERIOD OF JULY 15, 2018 TO JULY 28, 2018

PSNET SUPPORT SERVICES FROM JULY 01, 2018 TO JUNE 30, 2019

PO # BOSTN-0000692486 CONTRACT ID 0000000000000000000046136

BI-WEEKLY BILLING IN THE AMOUNT OF: \$40,700.00

ATTN: SARAH PLOWMAN

AMOUNT DUE THIS INVOICE

| |
|--------------------|
| \$40,700.00 |
|--------------------|

Credit Card Payments will incur fee of 3.5%
 INTEREST @ 1.5% WILL BE CHARGED ON INVOICES OVER 60 DAYS.

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| 2 | Labor Type | Hours | Total | |
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| 7 | LAN-TEL Software Tech overtime rate | 2 | \$290.00 | |
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| 9 | Sonet | 221 | \$22,542.00 | |
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| 14 | February Material Totals | | | |
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| 16 | Total Fixed DvTel Cameras | 0 | \$0.00 | |
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| 20 | Total Encoders | 0 | \$0.00 | |
| 21 | Total NEMA Enclosures | 0 | \$0.00 | |
| 22 | Total Astro Brackets | 0 | \$0.00 | |
| 23 | Total Antennas & Assoc. Equipment | 0 | \$0.00 | |
| 24 | Total Cable & Assoc. Hardware | - | \$0.00 | |
| 25 | Total POEs | 0 | \$0.00 | |
| 26 | Total Misc. Equipment | - | \$0.00 | |
| 27 | Total Material Used | | | \$0.00 |
| 28 | | | | |
| 29 | Total Billing for February 2018 | | | \$46,347.00 |

| | A | B | C | D | E |
|---|--------|------|-----------|----------------|-------------------------------------|
| 1 | Line # | Date | Vendor | Location | Description |
| 2 | 1 | 7/19 | Interisle | Cambridge Fire | Completed cut over of core switches |

| | F | G |
|---|---|---|
| 1 | Work Performed | |
| 2 | All fiber connections at Cambridge Fire HQ were cut over to new 3750G switch stacks while maintaining all services within Cambridge | |

| | A | B | C | D | E |
|---|---|------|-----------|-------------------------------|--|
| 3 | 2 | 7/23 | Interisle | All/Boston | Updating Intermapper for CIMS Microwave Links |
| 4 | 3 | 7/24 | Interisle | All/Boston | Intermapper licenses updated |
| 5 | 4 | 7/26 | Interisle | Boston Schroeder Plaza/Quincy | Support FATPOT team for deployment of new system |
| 6 | 5 | 7/27 | Interisle | All | Began development of customized intermapper probe for MNI radios |
| 7 | 6 | 7/27 | Interisle | All | Extracted current actual Cisco inventory from PSNET |
| 8 | 7 | 7/28 | Interisle | Revere | Diagnosed problem with failed E & M card for MN RECC Ipmux-1E |
| 9 | 8 | 7/28 | Interisle | Boston Schroeder Plaza | Investigate crash of PSNET Intermapper server at BosHC |

| | F | G |
|---|---|---|
| 3 | Work has begun to review the current microwave link deployments for CIMS cameras, and update PSnet InterMapper maps to incorporate robust monitoring of these camera links. Current maps are as much as 2 years out of date. | |
| 4 | The InterMapper licenses for the 2017-2018 fiscal year were applied to the servers, and provided to individuals holding IM Remote Access client licenses. | |
| 5 | Firewall connectivity established from FATPOT applications hosted at Schroeder Plaza to Quincy PD to support integration testing with Quincy's QED system | |
| 6 | An initial version of a new custom probe for the MNI microwave radios that were recently deployed is being staged, with extensive review of the MIB values returned. | |
| 7 | As part of efforts underway to restart regular internal review/audit of the state of PSnet, an updated inventory of all Cisco switches was pulled. This involves use of custom scripts that collect live data from each switch in the network | |
| 8 | he Metro North RECC started having serious noise problems with their radio transmitters, that were traced to the IPmux-IE analog adapters, however receive signals from the same radios were fine | |
| 9 | The PSnet InterMapper server at Schroeder Plaza crashed, and had to be brought back up. This is a concern, since this is the system that is being used to evaluate the current released version of InterMapper prior to upgrading the other IM servers. | |

| | A | B | C | D |
|----|---------------------------------|---|-----------------------------|----------------------|
| 1 | | LAN-TEL Communications, Inc. | | |
| 2 | | Billing for PSNET Project - Material Costs | | |
| 3 | | July 15th through July 28th | | |
| 4 | Date of Service/Purchase | Location | Material Provided | Material Cost |
| 5 | | | | |
| 6 | | | | |
| 7 | | Nothing to Report | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | Total Material Costs | \$0.00 |

| | A | B | C | D |
|---|------------------------|-----------------|--|-------------------|
| 1 | | | LAN-TEL Communications, Inc. | |
| 2 | | | Billing for PSNET Project - Project Management Costs | |
| 3 | | | July Billing | |
| 4 | Date of Service | Location | Work Performed | Total |
| 5 | 7/15/18 -7/28/18 | All | Check Network, Project Management, Respond to POC calls and emails | \$2,700.00 |
| 6 | | | Total | \$2,700.00 |

| | A | B | C | D |
|---|---|---|--|--------------------|
| 1 | | | Summary of Activity | |
| 2 | | | Vendor | Total |
| 3 | | | Interisle Consulting Group LLC | \$25,384.62 |
| 4 | | | Skywave | \$4,615.38 |
| 5 | | | LAN-TEL Technicians | \$8,000.00 |
| 6 | | | LAN-TEL Project Management | \$2,700.00 |
| 7 | | | Subtotal | \$40,700.00 |
| 8 | | | Materials | 0 |
| 9 | | | Billing for July 15th through July 28th | \$40,700.00 |



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| Dispatched | | |
|---|---------------------------------|-----------------|
| Purchase Order BOSTN-0000679727 | Date 2017-06-09 | Revision |
| Payment Terms Net 30 | Freight Terms DES PPD | |
| Buyer Lamberti,Arlene | | |

Vendor: 0000019146
Lan-Tel Communications Inc.
1400 Providence Highway, Building 3, Suite 3100
Norwood MA 02062
United States

Bill To: Auditing Department
One City Hall
Room M-4
Boston MA 02201
United States
Ship To: Quincy Police Department
1 Sea Street
Attn. Lt. Bob Gillian
Quincy MA 02169
United States
Attention: Not Specified

Tax Exempt? N

State Tax Exempt ID:

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|----------|--|----------|-----|----------|--------------|------------|
| 1 - 1 | Panasonic HD PTS WVSW395 | 3.00 | EA | 2931.50 | 8794.50 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 3.00 | | | | |
| 2 - 1 | Panasonic camera arm WV-Q-122 | 3.00 | EA | 520.00 | 1560.00 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 3.00 | | | | |
| 3 - 1 | Multiband Antenna BMLPVDB700/2500 | 6.00 | EA | 61.31 | 367.86 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 6.00 | | | | |
| 4 - 1 | Maxrad Antenna Mount NIMO58U- NC | 6.00 | EA | 149.50 | 897.00 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 6.00 | | | | |
| 5 - 1 | Chatsworth NEMA Enclosure 16 x 14 TS1030503 | 3.00 | EA | 312.00 | 936.00 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 3.00 | | | | |
| 6 - 1 | Sierra raven RV50 Modem AL- 11002555 | 3.00 | EA | 669.96 | 2009.88 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 3.00 | | | | |



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| Dispatched | | |
|-----------------------|----------------------|-----------------|
| Purchase Order | Date | Revision |
| BOSTN-0000679727 | 2017-06-09 | |
| Payment Terms | Freight Terms | |
| Net 30 | DES PPD | |
| Buyer | | |
| Lamberti,Arlene | | |

Vendor: 0000019146
Lan-Tel Communications Inc.
1400 Providence Highway, Building 3, Suite 3100
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Boston MA 02201
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Ship To: Quincy Police Department
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Quincy MA 02169
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Attention: Not Specified

Tax Exempt? N

State Tax Exempt ID:

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|----------|---|----------|-----|----------|--------------|------------|
| 7 - 1 | ALTRONIX 24 v Power Supplies T2428175 | 3.00 | EA | 52.00 | 156.00 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 3.00 | | | | |
| 8 - 1 | RSA SMA Male CONN RSA-3000-C | 6.00 | EA | 12.70 | 76.20 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 6.00 | | | | |
| 9 - 1 | Sierra 12 Volt power supply | 6.00 | EA | 38.68 | 232.08 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 6.00 | | | | |
| 10 - 1 | Misc. HArDware, fasteners and shipping | 3.00 | EA | 162.50 | 487.50 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 3.00 | | | | |
| 11 - 1 | Viewcommander License | 3.00 | EA | 71.50 | 214.50 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 3.00 | | | | |
| 12 - 1 | DVtel Camera License | 3.00 | EA | 162.50 | 487.50 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 3.00 | | | | |



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| Purchase Order | Date | Revision |
| BOSTN-0000679727 | 2017-06-09 | |
| Payment Terms | Freight Terms | |
| Net 30 | DES PPD | |
| Buyer | | |
| Lamberti,Arlene | | |

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1 Sea Street
Attn. Lt. Bob Gillian
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United States
Attention: Not Specified

Tax Exempt? N

State Tax Exempt ID:

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|----------|--|----------|-----|----------|--------------|------------|
| 13 - 1 | Lcomm Pole Brackets | 6.00 | EA | 26.00 | 156.00 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 6.00 | | | | |
| 14 - 1 | Assembly labor and programming | 1.00 | EA | 1872.00 | 1872.00 | 06/14/2017 |
| | 55940-200-231856-508F-2306-2017-HLS17002 | 1.00 | | | | |

Total PO Amount 18247.02

****The above Purchase Order number must be included on all invoices to ensure accurate and timely payment.****

| Official Approvals | | |
|---|--|-----------|
| I certify that all records regarding this procurement are on file | Approved as to availability of appropriation | |
| Kevin Coyne | Sally Glora | 6/13/2017 |
| Department Head/Purchasing Agent/BPS Business Manager | City Auditor/BPS Business Manager | |
| This is not a valid purchase order without the above signatures. | | |



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| Dispatched | | |
|---|---------------------------------|-----------------|
| Purchase Order BOSTN-0000690473 | Date 2018-05-01 | Revision |
| Payment Terms Net 30 | Freight Terms DES PPD | |
| Buyer Heger,Brian | | |

Vendor: 0000019146
Lan-Tel Communications Inc.
1400 Providence Highway, Building 3, Suite 3100
Norwood MA 02062
United States

Bill To: Auditing Department
One City Hall
Room M-4
Boston MA 02201
United States
Ship To: Fire Department Headquarters
115 Southampton Street
Roxbury MA 02118
United States
Attention: See Detail Below

Tax Exempt? Y

State Tax Exempt ID: 04-6001380

Contract ID: 000000000000000000043933

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|----------|--|----------|-----|--|--------------|------------|
| 1 - 1 | FLIR HD 30 x Zoom CP 4221-301 Part # CP-6302-31-I | 1.00 | EA | 2061.86 Attention: Captain Ryan McGovern | 2061.86 | 06/01/2018 |
| | 55911-200-221100-504F-2306-2017-HLS17002 | 1.00 | | | | |
| 2 - 1 | Dlink 8 Port SW / 4 POE Part # 8E-GS110008 | 1.00 | EA | 100.00 Attention: Captain Ryan McGovern | 100.00 | 06/01/2018 |
| | 55911-200-221100-504F-2306-2017-HLS17002 | 1.00 | | | | |
| 3 - 1 | ALTRONIX 24 v Power Supplies Part # T2428175 | 1.00 | EA | 50.00 Attention: Captain Ryan McGovern | 50.00 | 06/01/2018 |
| | 55911-200-221100-504F-2306-2017-HLS17002 | 1.00 | | | | |
| 4 - 1 | 50" WBOX Monitor Part # Monitor | 1.00 | EA | 812.50 Attention: Captain Ryan McGovern | 812.50 | 06/01/2018 |
| | 55911-200-221100-504F-2306-2017-HLS17002 | 1.00 | | | | |
| 5 - 1 | 4 Output Work Station FLIR, Part # WS | 2.00 | EA | 2337.50 Attention: Captain Ryan McGovern | 4675.00 | 06/01/2018 |
| | 55911-200-221100-504F-2306-2017-HLS17002 | 2.00 | | | | |



City of Boston Purchase Order

City of Boston

Purchasing Department
One City Hall
Room 808
Boston MA 02201
United States

| Dispatched | | |
|------------------|---------------|----------|
| Purchase Order | Date | Revision |
| BOSTN-0000690473 | 2018-05-01 | |
| Payment Terms | Freight Terms | |
| Net 30 | DES PPD | |
| Buyer | | |
| Heger,Brian | | |

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1400 Providence Highway, Building 3, Suite 3100
Norwood MA 02062
United States

Bill To: Auditing Department
One City Hall
Room M-4
Boston MA 02201
United States

Ship To: Fire Department Headquarters
115 Southampton Street
Roxbury MA 02118
United States

Attention: See Detail Below

Tax Exempt? Y

State Tax Exempt ID: 04-6001380

Contract ID: 000000000000000000043933

| Line-Sch | Item/Description | Quantity | UOM | PO Price | Extended Amt | Due Date |
|--|------------------|----------|-----|-------------------------------------|--------------|------------|
| 6 - 1 | Labor | 1.00 | EA | 2106.00 | 2106.00 | 06/01/2018 |
| | | | | Attention: Captain Ryan McGovern | | |
| 55911-200-221100-504F-2306-2017-HLS17002 | | 1.00 | | | | |

Quoted By : Eric Johnson

Total PO Amount

****The above Purchase Order number must be included on all invoices to ensure accurate and timely payment.****

| Official Approvals | | |
|---|--|----------|
| I certify that all records regarding this procurement are on file | Approved as to availability of appropriation | |
| Kevin Coyne | Sally Glora | 5/3/2018 |
| Department Head/Purchasing Agent/BPS Business Manager | City Auditor/BPS Business Manager | |
| This is not a valid purchase order without the above signatures. | | |