



December 22, 2016

## **ADDENDUM NO. 1**

### **Surveillance Camera and Storage System Upgrade CIP Project No 337-37238**

#### **NOTICE TO BIDDERS:**

The following clarifications, amendments, additions and/or deletions as set forth herein shall apply to the above documents and shall be made a part thereof and shall be subject to all the requirements thereof as though originally specified and/or shown. Bidders shall assure themselves that all addendum changes have been incorporated into their proposal.

#### **A. CLARIFICATIONS to Questions asked during mandatory job walk-thru**

1. **What is the timeframe of job?**  
After bid acceptance, goes to City Council on 1/24/17, anticipated start time would be mid-February
2. **Is the contractor responsible for the integration/IP address configuration?**  
City of Brentwood IT Department will provide IP addresses
3. **Do you require specific lenses for each camera?**  
Arecont manufacturer will determine specific lens, if different cameras are being used, we do not specify and would go by vendor's recommendations
4. **Does the City have the NVR?**  
Yes, American Dynamics Video Edge NVR
5. **Does the Police Department require a 1 year retention period on video?**  
Yes
6. **Is high resolution frame rate required for retention?**  
No
7. **Is Vendor required to remove the cameras that are not being replaced?**  
Yes
8. **Are all cameras operational?**  
Yes
9. **Do you have specs that you can provide for the outside cameras?**  
Yes, refer to plans

10. **For the camera located outside at the tower, do you require contractor to run conduit or outdoor rated?**

Yes and use outdoor rated CAT6 cable

11. **Do you want any cameras mounted higher or lower?**

Yes, this is provided in the plans

12. **Do you require any audio on any or all cameras, if so please specify which cameras?**

No

13. **Are the cameras that are located in each jail cell being replaced?**

Only replace cameras per plan

14. **Can the mounts for the outside cameras be reused?**

Yes

15. **Will you provide the replacement tiles for the ceiling?**

No

## **B. AMENDMENTS**

1. Appendix A – Scope of Work and Material List - Replace Scope of Work Page 73 and 74 with the attached.
2. Appendix B – Map - Replace Map Page 75 and adding two additional pages with the attached.

All bidders shall acknowledge receipt and acceptance of Addendum No. 1 in the space provided on the Bid Proposal page 9 of the Contract Document.

**-END OF ADDENDUM NO. -1-**



Yun Cho  
Project Manager

**ADDENDUM NO. 1**  
**APPENDIX A – SCOPE OF WORK AND MATERIAL LIST**

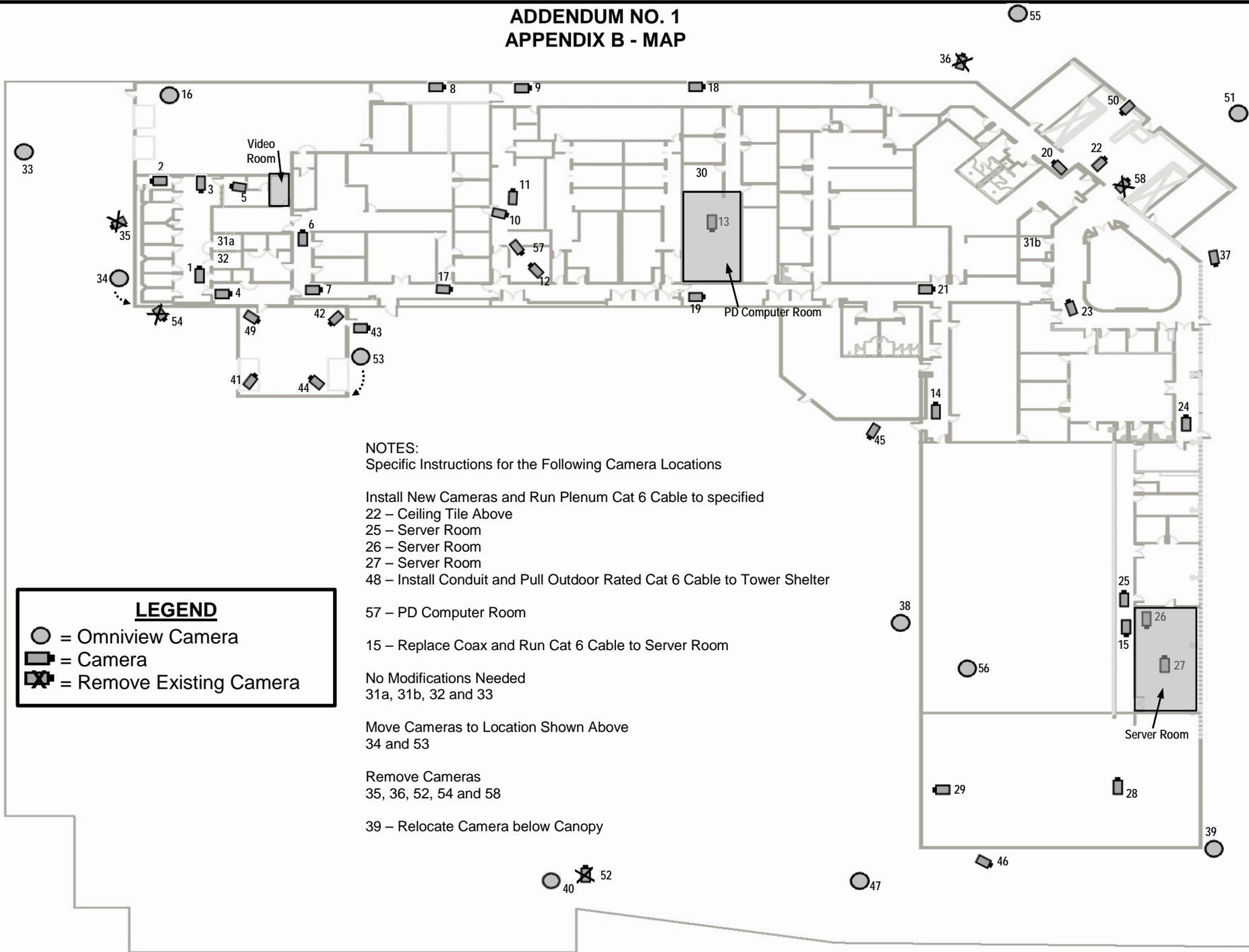
Scope of work for Police IP Surveillance camera replacement:

1. Contractor will use existing coax cable
  - a. Contractor will provide of 50 IP over coax Power of Ethernet (POE) transmitter.
  - b. Contractor will provide three 16 Port POE IP over Coax Receiver.
  - c. Replace all existing BNC connectors with new crimp type.
2. Install configure City provided American Dynamic Video Edge Server
3. Contractor to install City provided wall rack in the video room.
  - a. Relocate existing coax from existing floor rack to wall rack.
  - b. All coax cable will be terminated at the wall rack.
  - c. Move existing panic alarm system to the wall rack.
  - d. Mount Coax Receivers.
4. Contractor to replace existing 44 coax cameras with IP cameras. Camera must be configured, programmed and focused.
5. Contractor to install 6 new IP camera.
  - a. POE network connection will be provided by the City.
  - b. Contractor will run Plenum CAT 6 cable from the POE switch to the camera per diagram.
  - c. At the tower/shelter, contractor will install conduit and outdoor rated CAT 6 cable to shelter.
6. Contractor to load and configure video client software to 6 City provided workstation to allow dispatchers to view the cameras.
  - a. The cameras will be displayed on 3 LCD monitors on the video wall
  - b. The cameras will also be displayed on 4 LCD monitors at the dispatch center.
7. City will provide Network Area Storage (NAS) for video archiving. Contractor will program all archiving to the NAS.
8. Contractor will provide 8 hours of training to City staff.
9. Contractor will provide 8 American Dynamics camera licenses part number ADVEC01
10. Contractor to remove unused cameras per diagram.

Material List (the parts can be equivalent or better, must be compatible with American Dynamic Video Edge NVR):

Qty	Description	Part No.
12	Arecont 12 MP WDR H.264 Omni-Directional, Day Night with no lens	AV12176DN-NL
3	Arecont Corner Mount Adapter	AV-CRMA
4	Arecont Pole Mount Adapter	AV-PMA
12	Arecont Wall mount bracket with junction box	AV-WMJB
48	Arecont fixed Iris MicroDome Lense (Note, Lense will be different where xx is the mm designator)	MPMxx
12	Arecont mount cap for Omni Series Camera	SO-CAP
12	Tyco/American Dynamics Illustra 1080P Compact Dome indoor, non-vandal, white, SDN	ADCi610-M111
15	Tyco/American Dynamics, Illustra Pro 3MP Minidome, 3-9mm, indoor, vandal, smoked, white TDN w/IR, TWDR	IPS03D2ISWIT
10	Tyco/American Dynamics, Illustra Pro 5MP Minidome, 3-9mm outdoor, vandal, smoked, white TDN w/IR, WDR	IPS05D2OSWIY
1	Tyco/American Dynamics, Illustra Pro 2MP Minidome, 3-9mm, indoor, vandal, smoked, white, TDN w/IR, WDR	IPS02D2ISWTT
3	16 port Nitek Ethernet over Coax Reciever POE	ER16500C
48	Nitek IP over Coax Transmitter POE BNC connectors	ET1500C
Miscellaneous components (such as RJ45 connectors, mounting struts, small poles, cables, screws, straps...)		

**ADDENDUM NO. 1  
APPENDIX B - MAP**



**NOTES:**

Specific Instructions for the Following Camera Locations

- Install New Cameras and Run Plenum Cat 6 Cable to specified
- 22 – Ceiling Tile Above
- 25 – Server Room
- 26 – Server Room
- 27 – Server Room
- 48 – Install Conduit and Pull Outdoor Rated Cat 6 Cable to Tower Shelter

57 – PD Computer Room

15 – Replace Coax and Run Cat 6 Cable to Server Room

No Modifications Needed  
31a, 31b, 32 and 33

Move Cameras to Location Shown Above  
34 and 53

Remove Cameras  
35, 36, 52, 54 and 58

39 – Relocate Camera below Canopy

**LEGEND**

-  = Omniview Camera
-  = Camera
-  = Remove Existing Camera

Camera Number	Camera Model	Comments
1	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
2	ADCI610-M111 - 1080P	Replace Existing - Ethernet Over Coax Converter
3	ADCI610-M111 - 1080P	Replace Existing - Ethernet Over Coax Converter
4	ADCI610-M111 - 1080P	Replace Existing - Ethernet Over Coax Converter
5	ADCI610-M111 - 1080P	Replace Existing - Ethernet Over Coax Converter
6	ADCI610-M111 - 1080P	Replace Existing - Ethernet Over Coax Converter
7	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
8	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
9	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
10	ADCI610-M111 - 1080P	Replace Existing - Ethernet Over Coax Converter
11	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
12	ADCI610-M111 - 1080P	Replace Existing - Ethernet Over Coax Converter
13	ADCI610-M111 - 1080P	Replace Existing - Ethernet Over Coax Converter
14	ADCI610-M111 - 1080P	Replace Existing - Ethernet Over Coax Converter
15	ADCI610-M111 - 1080P	New - Run New Plenum cat6 Network Cable 30' to server room
16	ARC-AV1276DNNL - OMNI VIEW	Replace Existing - Ethernet Over Coax Converter
17	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
18	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
19	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
20	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
21	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
22	IPS05D2OSWIY - 5MP OUTDOOR	New - Run New Plenum cat6 Network Cable 20 feet to switch in above ceiling tile
23	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
24	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
25	IPS03D2ISWIT - 3MP INDOOR	New - Run New Plenum cat6 Network Cable 30' to server room
26	ADCI610-M111 - 1080P	New - Run New Plenum cat6 Network Cable 20' to server room
27	ADCI610-M111 - 1080P	New - Run New Plenum cat6 Network Cable 20' to server room
28	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
29	IPS03D2ISWIT - 3MP INDOOR	Replace Existing - Ethernet Over Coax Converter
30		Do not replace

31a		Do not replace
31b		Do not replace
32		Do not replace
33	ARC-AV1276DNNL - OMNI VIEW	Replace Existing Pole Mount - Ethernet Over Coax Converter
34	ARC-AV1276DNNL - OMNI VIEW	Replace Existing, Relocate to Corner - Ethernet Over Coax Converter
35		Remove camera
36		Remove camera Replace Existing - Ethernet Over Coax Converter
37	IPS05D2OSWIY - 5MP OUTDOOR	Replace Existing - Ethernet Over Coax Converter
38	ARC-AV1276DNNL - OMNI VIEW	Replace Existing - Ethernet Over Coax Converter
39	ARC-AV1276DNNL - OMNI VIEW	Replace Existing, Ethernet Over Coax Converter, relocate at the corner below canopy
40	ARC-AV1276DNNL - OMNI VIEW	Replace Existing - Ethernet Over Coax Converter
41	IPS05D2OSWIY - 5MP OUTDOOR	Replace Existing - Ethernet Over Coax Converter
42	IPS05D2OSWIY - 5MP OUTDOOR	Replace Existing - Ethernet Over Coax Converter
43	IPS05D2OSWIY - 5MP OUTDOOR	Replace Existing - Ethernet Over Coax Converter
44	IPS05D2OSWIY - 5MP OUTDOOR	Replace Existing - Ethernet Over Coax Converter
45	IPS05D2OSWIY - 5MP OUTDOOR	Replace Existing - Ethernet Over Coax Converter
46	IPS05D2OSWIY - 5MP OUTDOOR	Replace Existing - Ethernet Over Coax Converter
47	ARC-AV1276DNNL - OMNI VIEW	Replace Existing Pole Mount - Ethernet Over Coax Converter
48	ARC-AV1276DNNL - OMNI VIEW	New - Run New outdoor rated cat6 Network Cable 20' into the shelter, install conduit
49	IPS05D2OSWIY - 5MP OUTDOOR	Replace Existing - Ethernet Over Coax Converter
50	IPS05D2OSWIY - 5MP OUTDOOR	Replace Existing - Ethernet Over Coax Converter
51	ARC-AV1276DNNL - OMNI VIEW	Replace Existing Pole Mount - Ethernet Over Coax Converter
52		Remove camera
53	ARC-AV1276DNNL - OMNI VIEW	Replace Existing Ethernet Over Coax Converter- Relocate to Corner
54		Remove camera
55	ARC-AV1276DNNL - OMNI VIEW	Replace Existing Pole Mount - Ethernet Over Coax Converter
56	ARC-AV1276DNNL - OMNI VIEW	Replace Existing - Ethernet Over Coax Converter
57	IPS02D2ISWTT - 2MP INDOOR	Run cat6 cable to PD computer room
58		Remove camera