



## **PORT & MARINE SERVICES**

201 William Street  
Key West, FL 33040

### **ADDENDUM NO. 2**

#### **CCTV SURVEILLANCE SYSTEM BIGHT MALLORY SQUARE & OUTER MOLE ITB #18-015**

The information contained in this Addendum adds information to be included in the Bid and is hereby made a part of the Contract Documents. The referenced bid package is hereby addended in accordance with the following items:

#### **QUESTIONS and CLARIFICATIONS**

1. The bid requires the system to have a battery back-up of 8 hr. Batteries are typically used for less than 30 minutes to maintain a system from power disruption during short outages, until a generator engages, or sufficient time to properly power off equipment. Is 8 hour absolutely necessary? If so can a generator be used in combination with a ups to meet this requirement? Note: batteries are typically replaced every 3-5 years based on use the long term expense would be greater vs a generator.

**Vendor to provide 1-hour minimum battery back-up.**

2. Page 29 under d. general:" System shall be capable of withstanding extreme heat." What temp defines extreme? Both antenna and camera specified are only rated to 131F.

**It is the vendors responsibility to assure all equipment withstands the conditions found in the City's subtropical climate.**

3. Page 28 under d. general: "Vendor shall also provide, install, configure, and test a recording server adequately sized to provide thirty (30) days of recording." The summary does not give adequate information to determine hard drive sizing to meet this requirement. Please provide in addition the required frames per second and resolution.

**Revised Bid Form, Summary of Work and new location map attached.**

4. Page 29 under d. general: "System shall have viewing in color." Does this requirement apply to recording at night? Most cameras will switch to B/W in low light environments. Is color during the day acceptable with B/W at night?

**Yes**

5. Based on the information provided in the summary of work it is unclear to the amount of cameras and/or the area of coverage requested at each location. Can a map with color coordination be provided to identify the coverage areas that are required?

**Revised Bid Form, Summary of Work and new location maps attached.**

6. Item 20 of the bid form "Wi-Fi Service (30/30MBPS bandwidth) and 24hr System Monitoring". There is no detail given to this item in the summary. Can you provide additional information to the expectation for this item? (example: Wifi within XXXft of the equipment location? Internet service provided? System monitoring for failures? System monitoring of camera feeds for identified actions?)

**There is no internet service at either location. Vendor shall supply service to meet the viewing/ monitoring capabilities as required by the ITB.**

7. The pricing guide items 1 & 11 address permits at a fixed amount. Is this amount agreed upon with the permits office or do standard permit fees apply?

**Permit fees listed on the Bid Form are an allowance. Actual standard permit fees will be reimbursed to the vendor at cost.**

8. Please confirm there would be adequate required space for 100volt UPS at each location required.

**See answer to question #1 above. UPS shall be stored in the weatherproof/vandal proof enclosure provided at Mallory Square. There is adequate room for the UPS in the Security Trailer at the Outer Mole.**

9. Please confirm days and hours allowed to work on this project.

**Construction noise allowed 8:00 a.m. to 7:00 p.m., Monday through Friday, and 9:00 a.m. to 5:00 p.m. on Saturday.**

All other elements of the Contract and Bid documents, including the bid date shall remain unchanged.

All Bidders shall acknowledge receipt and acceptance of this **Addendum No. 2** by submitting the addendum with their proposal. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

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Signature

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Name of Business

**BID FORM**

Project Title: **CCTV SURVEILLANCE SYSTEM  
MALLORY SQUARE & OUTER MOLE**  
Project No.: **ITB #18-015**

**UNIT PRICE BID**

Bid unit prices stated in this proposal include all costs and expenses for labor, equipment, materials, disposal and contractor's overhead and profit. Unit prices for the various work items are intended to establish a total price for completing the project in its entirety. All work and incidental costs shall be included for payment under the several scheduled items of the overall contract, and no separate payment will be made therefore.

**MALLORY SQUARE**

1. Permit Fees (to be paid at cost)

1 LS \$ 1,000.00

2. 180 Degree 4K Camera (includes all material, equipment and labor)

2 EA Unit Price \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

3. PZT 1080p Camera (includes all material, equipment and labor)

1 EA Unit Price \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

4. Antenna / Radio (includes all material, equipment and labor)

QTY. \_\_\_\_ Unit Price \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

5. Base Station Antenna / Radio (includes all material, equipment and labor)

QTY. \_\_\_\_ Unit Price \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

6. POE Switch (includes all material, equipment and labor)

QTY. \_\_\_\_ Unit Price \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

7. Network Video Recorder (includes all material, equipment and labor)

1 LS \$ \_\_\_\_\_

8. 4K Monitor (includes all material, equipment and labor)

1 LS \$ \_\_\_\_\_

9. Battery Back-up (includes all material, equipment and labor)

1 LS \$ \_\_\_\_\_

10. Surge Protection (includes all material, equipment and labor)

1 LS \$ \_\_\_\_\_

11. Weather/Vandal Proof Enclosure (includes all material, equipment and labor)

1 LS \$ \_\_\_\_\_

SUB-TOTAL OF ALL EXTENDED LINE ITEMS LISTED ABOVE:

Total of **Mallory Square** line items 1 - 11 \$ \_\_\_\_\_

**OUTER MOLE**

12. Permit Fees (to be paid at cost)

1 LS \$ **1,000.00**

13. 180 Degree 4K Camera (includes all material, equipment and labor)

2 EA Unit Price \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

14. PZT 1080p Camera (includes all material, equipment and labor)

1 EA Unit Price \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

15. Antenna / Radio (includes all material, equipment and labor)

QTY. \_\_\_\_ Unit Price \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

16. Base Station Antenna / Radio (includes all material, equipment and labor)

QTY. \_\_\_\_ Unit Price \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

17. POE Switch (includes all material, equipment and labor)

QTY. \_\_\_\_ Unit Price \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

18. Network Video Recorder (includes all material, equipment and labor)

1 LS \$ \_\_\_\_\_

19. 4K Monitor (includes all material, equipment and labor)

1 LS \$ \_\_\_\_\_

120. Battery Back-up (includes all material, equipment and labor)

1 LS \$ \_\_\_\_\_

21. Surge Protection (includes all material, equipment and labor)

1 LS \$ \_\_\_\_\_

SUB-TOTAL OF ALL EXTENDED LINE ITEMS LISTED ABOVE:

Total of **Outer Mole** line items 12 - 21 \$ \_\_\_\_\_

22. Wi-Fi Service (30/30MBPS bandwidth) and 24hr System Monitoring

24 MO Unit Price/Mo. \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

23. General Allowance (only to be used with Owner's written approval)

1 LS \$ **5,000.00**

**TOTAL OF ALL EXTENDED LINE ITEMS LISTED ABOVE:**

Total of line items 1 - 23 \$ \_\_\_\_\_

\_\_\_\_\_ Dollars & \_\_\_\_\_ Cents  
(amount written in words)

Cost of work to be all inclusive for a complete job including equipment, material, labor, permits, insurance, overhead and profit.

**Alternate Bid #1**

1. Security staff monitoring stations for both Mallory Square and Outer Mole to be shared and located at the Outer Mole checkpoint ((1) Monitor, (1) NVR).

**Total of lump sum BID ALTERNATE #1** ADD / DEDUCT (circle one) \$ \_\_\_\_\_

\_\_\_\_\_ Dollars & \_\_\_\_\_ Cents  
(amount written in words)

**Additional Pricing**

1. Monthly system maintenance cost after warranty expiration. Costs to include all material, equipment and labor.

1 MO Unit Price/Mo. \$ \_\_\_\_\_

## SUMMARY OF WORK

### WORK INCLUDED

1. The Contractor will design and furnish all CCTV Surveillance System material, equipment, machinery, and labor to accomplish the following minimum requirements for each site:

- a. **Mallory Square Security Checkpoint:**

- Axis Q3709-PVE 180 degree 4K camera and required mounts or Equal
- Axis Q6115-E PZT 1080p camera and required mounts or Equal
- Ignitenet: MetroLinq 2.5G 60-19 PTP/Client antenna/radio and required mounts or Equal
- Ignitenet: MetroLinq 2.5G 60-30-18 Sector base station antenna/radio and required mounts or Equal
- Netonix WS-12-250-AC POE switch or equal
- NVR with 8 channels, 30 days storage @ 30fps with ability to expand storage
- 19" Full-HD 4K Monitor
- Wall mount weatherproof/vandal proof enclosure for NVR and monitor

- b. **Outer Mole Security Checkpoint:**

- Axis Q3709-PVE 180 degree 4K camera and required mounts or Equal
- Axis Q6115-E PZT 1080p camera and required mounts or Equal
- Ignitenet: MetroLinq 2.5G 60-19 PTP/Client antenna/radio and required mounts or Equal
- Ignitenet: MetroLinq 2.5G 60-30-18 Sector base station antenna/radio and required mounts or Equal
- Netonix WS-12-250-AC POE switch or equal
- NVR with 8 channels, 30 days storage @ 30fps with ability to expand storage
- 32" Full-HD 4K Monitor

- c. **Alternate Bid:**

- Security staff monitoring stations for both Mallory Square and Outer Mole to be located at the Outer Mole checkpoint. This alternate eliminates the NVR and monitor from the Mallory square location and reduces the size of the enclosure.

- d. **General:**

- System must have remote viewing capabilities and must be fully functional for employee's computers and iPhones and other hand-held devices
- If a camera or lighting test is necessary to determine the operating parameters of the proposed camera(s), test shall be performed at the expense of the vendor.
- Vendor responsible to provide necessary electrical wiring from City's existing infrastructure to all new equipment. This wiring shall be encased in conduit.
- Vendor shall also provide, install, configure, and test a recording server adequately sized to provide thirty (30) days of recording.
- System shall include all necessary software and licenses.
- There shall not be re-occurring licensing fees.

- System shall have constant coverage of areas.
  - Entire system to have battery Back-up: 1-hr minimum battery life.
  - Entire system to have surge protection: 600 joules minimum.
  - System shall have viewing in color.
  - System shall be capable of withstanding harsh environment including corrosive conditions caused by saltwater and hurricane winds and/or be in protective housing.
  - System shall be capable of withstanding extreme heat
  - Cables/ wiring shall be protected from vandalism by the use of conduit or other means.
  - Cameras shall be vandal resistant.
  - Vendor to remove, and dispose of, any existing abandoned CCTV equipment.
2. Vendor will be responsible for identifying and verifying availability of locations for mounting cameras or equipment. If mounting locations are not available, Contractor will be responsible for installing mounting locations. Installation shall be included with Proposal.
  3. Vendor to provide a complete written description including system capabilities, type of cameras including brand, capability of cameras, recording ability in quality and quantity and upgrade/ expansion capabilities.
  4. Vendor to provide a complete written description including type of system and brand of stand-alone monitoring / retrieval system. Description shall include playback capability, copying to DVD, print screen ability, etc...
  5. Vendor to provide a complete system layout showing camera locations, wiring, antennas, etc.
  6. Contractor to provide cut sheets on all equipment including cameras, computers, recording devices, wiring, etc.
  7. The City is requiring the Bidder to warranty all materials and labor for two (2) years. Warranty will begin once the City determines the system is operating as specified in the technical specifications for a period of 30-days. Provide complete written description of warranty and what it covers.

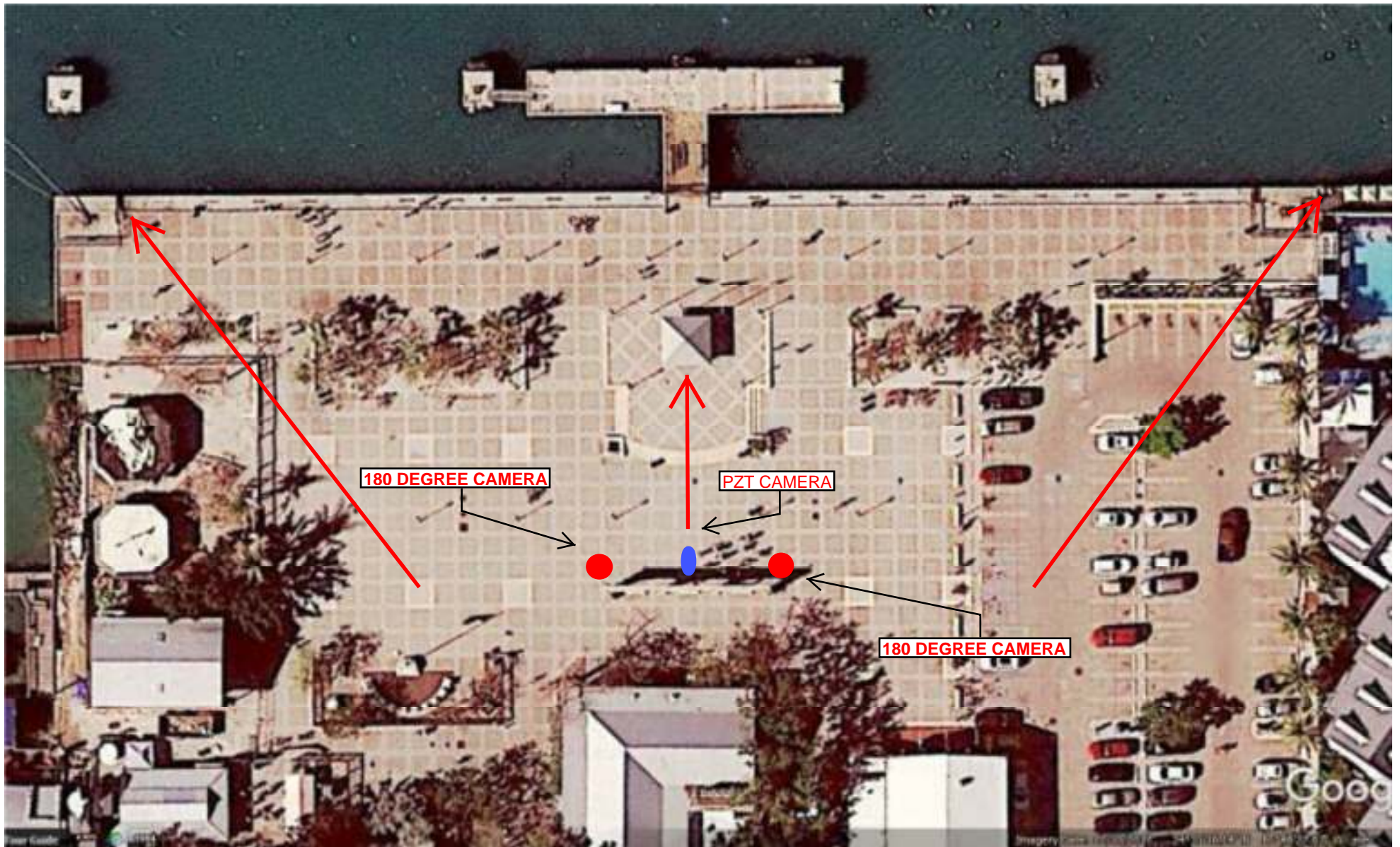
During warranty period vendor shall identify and diagnose system/ equipment failures within 24 hours. All system repairs must be made within 72 hours.

If repairs are not completed within the required 72 hours a fine of \$100/day will be imposed until repairs are made

8. Vendor to describe how the cameras, antennas, etc. will be protected in the harsh coastal environment including type of housing units.
9. Vendor to describe how the cameras, antennas, monitoring / recording equipment etc. will be protected against power surge.
10. Vendor to describe the type of training, if any, provided with the proposed system.
11. Vendor shall secure permits as necessary for proper execution and completion of the work and shall ensure that all Federal, State, and Local codes are followed.
12. Vendor shall take the necessary steps to secure the site including fencing, barricades, and/or security to prevent entry by unauthorized persons. The Port & Marine Services Director or designee shall approve security measures.
13. It shall be the Vendor's responsibility to request approval for entrance to certain areas of worksite for work on Saturdays, Sundays, holiday, and weekday hours other than 7:00 am until 5:00 pm.

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**MALLORY SQUARE**  
(CAMERA LOCATION MAP)





**OUTER MOLE**  
(CAMERA LOCATION MAP)