



Summary of Work

City of Key West – ITB #18-025

Broadwave proposes to install a CCTV system with wireless backhaul at Mallory Square and the Outer Mole, and integrating it with the current Ferry Terminal System for ease of viewing by Law Enforcement.

The proposed system will provide CCTV coverage for the checkpoint area at Mallory Square with an overview of the area around the checkpoint. The Mallory Square cameras will be mounted on the existing archway, one fixed camera on each end of the arch and the PTZ in the middle section facing the checkpoint. The Aimetis R1016-32 NVR and all head end equipment at Mallory Square will be mounted in a NEMA-4 rated outdoor rack mount enclosure, to be located in an approved service area. Viewing at Mallory Square will be available via (1) rack mounted 19" monitor as well as remotely at the Guard House, or any mobile device. The cameras at Mallory Square are manufactured by Axis, have a 3-year manufacturer warranty, are IP66 and NEMA 4X rated for harsh environments. The network uplink will connect to the roof of Ocean Key, where Broadwave currently has a POP, and from the OKR rooftop, a microwave link will connect to the ranging tower located across from the guard shack. The Aimetis NVR will provide 30 days of video storage.

The proposed system will also provide CCTV coverage for the checkpoint area located at the entry to the Outer Mole as well as a long range camera focused on the embarkation and debarkation of cruise ship guests. This camera will either be mounted on the telephone pole by the guard shack, or the roof of the amphitheater. Factors will depend on camera stability and line of sight. The Aimetis NVR and head end equipment will be located inside the Security office and will be capable of viewing on (1) 32" 4k LED monitor at a designated workstation.

Internet services will be provided at the Outer Mole checkpoint and will be utilized for viewing of Mallory Square and the Ferry Terminal systems. All components of the system will be surge protected and will be plugged into a battery backup, providing a minimum of 1 hr of system uptime.

All electrical connections, conduit and rated cable are included in this proposal. The City of Key West to provide the required electrical circuits up to the breaker box or disconnection location.

Broadwave will monitor the internet connections at each of the locations 24/7/365 and will respond to any outages in a timely manner in the scope that the Bid requires.

BID FORM

Project Title: **REBID: CCTV SURVEILLANCE SYSTEM
MALLORY SQUARE & OUTER MOLE**

Project No.: **ITB #18-025**

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)

QTY. 2 Unit Price \$ 2995.00 TOTAL \$ 5,990.00

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

QTY. 2 Unit Price \$ 995.00 TOTAL \$ 1990.00

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

QTY. 1 Unit Price \$ 1995.00 TOTAL \$ 1995.00

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

QTY. 2 Unit Price \$ 349.95 TOTAL \$ 699.90

SUB-TOTAL OF ALL EXTENDED LINE ITEMS LISTED ABOVE:

Total of **Mallory Square** line items 1 - 5 \$ 11,674.90

OUTER MOLE

6. Permit Fees (to be paid at cost)

1 LS \$ 1,000.00

7. 180 Degree 4K Camera (includes all material, equipment and labor)
2 LS \$ 5,148.00
~~\$ 9,250.00~~

8. PZT 1080p Camera (includes all material, equipment and labor)
1 LS \$ 9250.00

9. Antenna / Radio (includes all material, equipment and labor)
QTY. 2 Unit Price \$ 995.00 TOTAL \$ 1990.00

10. Base Station Antenna / Radio (includes all material, equipment and labor)
QTY. 1 Unit Price \$ 1995.00 TOTAL \$ 1995.00

11. POE Switch (includes all material, equipment and labor)
QTY. 2 Unit Price \$ 349.95 TOTAL \$ 699.90

12. Network Video Recorder (includes all material, equipment and labor)
1 LS \$ 6660.00

13. 4K Monitor (includes all material, equipment and labor)
1 LS \$ 1295.00

14. Battery Back-up (includes all material, equipment and labor)
1 LS \$ 1929.00

15. Surge Protection (includes all material, equipment and labor)
1 LS \$ 499.00

SUB-TOTAL OF ALL EXTENDED LINE ITEMS LISTED ABOVE:

Total of **Outer Mole** line items 6 - 15 \$ 30,465.90

16. Wi-Fi Service (30/30MBPS bandwidth) and 24hr System Monitoring
24 MO Unit Price/Mo. \$ 599.95 TOTAL \$ 14,398.80

17. 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 - 17 \$ 49,864.70

fourty nine thousand eight hundred sixty four Dollars & seventy 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.

Additional Pricing

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

1 MO

Unit Price/Mo. \$ 599.95

NOTE: THE TOTAL BID WILL BE THE BASIS OF EVALUATING LOW BIDDER AND BASIS OF AWARD

BIDDER'S INFORMATION

Company Name: BROADWAVE

Address: 1111 12th St. #106


KEY WEST, FL 33040

Contact Name: JORDAN SMITH

Email: JORDAN@BROADWAVE.com

Telephone: 305-767-1469

Fax: _____

Signature:  Date: 3-23-18

SURETY

_____ whose address is

_____, _____, _____, _____
Street City State Zip

_____ Phone _____ Resident Agent

BIDDER

The name of the Bidder submitting this Bid is BROADWAVE, LLC

_____ doing business
at

1111 12th St. #106, Key West, FL, 33040
Street City State Zip

jordan@broadwave.com
email address

which is the address to which all communications concerned with this Bid and with the Contract shall be sent.

The names of the principal officers of the corporation submitting this Bid, or of the partnership, or of all persons interested in this Bid as principals are as follows:

Name	Title
<u>JORDAN SMITH</u>	<u>PRESIDENT</u>

<u>DUANE WEBSTER</u>	<u>VP SALES</u>
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If Sole Proprietor or Partnership

IN WITNESS hereto the undersigned has set his (its) hand this ____ day of _____ 20__.

Signature of Bidder

Title

If Corporation

IN WITNESS WHEREOF the undersigned corporation has caused this instrument to be executed and its seal affixed by its duly authorized officers this 11 day of Feb 2018.

(SEAL)

BROADWAVE, LLC

Name of Corporation

By

[Signature]

Title

PRESIDENT

Attest

Secretary

Sworn and subscribed before me this 11 day of February 2018.

NOTARY PUBLIC, State of Florida, at Large

My Commission Expires: Feb 14 2021



FLORIDA BID BOND

BOND NO. _____

AMOUNT: \$ _____

KNOW ALL MEN BY THESE PRESENTS, that _____

_____ hereinafter called the PRINCIPAL, and _____

_____ a corporation duly organized under the laws of the State of _____

having its principal place of business at _____

_____ in the State of _____, and authorized to do business in the State of Florida, as SURETY, are held and firmly bound unto

_____ hereinafter CITY OF KEY WEST called the OBLIGEE, in the sum of _____ DOLLARS (\$ _____) for the payment for which we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these present.

THE CONDITION OF THIS BOND IS SUCH THAT:

WHEREAS, the PRINCIPAL is herewith submitting his or its Bid Proposal for **PORT & MARINE SERVICES - CCTV SURVEILLANCE SYSTEM – MALLORY SQUARE & OUTER MOLE**, said Bid Proposal, by reference thereto, being hereby made a part hereof.

WHEREAS, the PRINCIPAL contemplates submitting or has submitted a bid to the OBLIGEE for the furnishing of all labor, materials (except those to be specifically furnished by the CITY), equipment, machinery, tools, apparatus, means of transportation for, and the performance of the work covered in the Proposal and the detailed Specifications, entitled:

ITB #18-015

PORT & MARINE SERVICES

CCTV SURVEILLANCE SYSTEM

MALLORY SQUARE & OUTER MOLE

WHEREAS, it was a condition precedent to the submission of said bid that a cashier's check, certified check, or bid bond in the amount of 5 percent of the base bid be submitted with said bid as a guarantee that the Bidder would, if awarded the Contract, enter into a written Contract with the CITY for the performance of said Contract, within 10 working days after written notice having been given of the award of the Contract.

NOW, THEREFORE, the conditions of this obligation are such that if the PRINCIPAL within 10 consecutive calendar days after written notice of such acceptance, enters into a written Contract with the OBLIGEE and furnishes the Performance and Payment Bonds, each in an amount equal to 100 percent of the base bid, satisfactory to the CITY, then this obligation shall be void; otherwise the sum herein stated shall be due and payable to the OBLIGEE and the Surety herein agrees to pay said sum immediately upon demand of the OBLIGEE in good and lawful money of the United States of America, as liquidated damages for failure thereof of said PRINCIPAL.

Signed and sealed this _____ day of _____, 20__.

By _____
PRINCIPAL

SURETY

By _____
Attorney-In-Fact

ANTI-KICKBACK AFFIDAVIT

STATE OF Florida)

: SS

COUNTY OF Broward)

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the City of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

By: [Signature]

Sworn and subscribed before me this 11 day of February 2019

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: Feb 14, 2021



* * * * *

**SWORN STATEMENT UNDER SECTION 287.133(3)(A)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid or Proposal for ITB 18-015
PORT & MARINE SERVICES CCTV SURVEILLANCE SYSTEM
2. This sworn statement is submitted by BROADWAVE, LLC
(name of entity submitting sworn statement)
whose business address is 1111 12th St. #106 KEY WEST, FL 33040

and (if applicable) its Federal Employer Identification Number (FEIN) is 61-1748967

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement _____)
3. My name is JORDAN SMITH
(please print name of individual signing)
and my relationship to the entity named above is PRESIDENT
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any bid or contract for goods or services to be provided to any public or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
 1. A predecessor or successor of a person convicted of a public entity crime; or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies).

X Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

____ There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

____ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

____ The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)

[Signature]
(signature)
2/11/18
(date)

STATE OF Florida

COUNTY OF Broward

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

____ Who, after first being sworn by me, affixed his/her
(name of individual signing)

signature in the space provided above on this 11 day of February, 2018.

My commission expires:



[Signature]
NOTARY PUBLIC


CITY OF KEY WEST INDEMNIFICATION FORM

To the fullest extent permitted by law, the VENDOR expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents and employees (herein called the "indemnitees") from any and all liability for damages, including, if allowed by law, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, caused in whole or in part by any act, omission, or default by VENDOR or its subcontractors, material men, or agents of any tier or their employees, arising out of this agreement or its performance, including any such damages caused in whole or in part by any act, omission or default of any indemnitee, but specifically excluding any claims of, or damages against an indemnitee resulting from such indemnitee's gross negligence, or the willful, wanton or intentional misconduct of such indemnitee or for statutory violation or punitive damages except and to the extent the statutory violation or punitive damages are caused by or result from the acts or omissions of the VENDOR or its subcontractors, material men or agents of any tier or their respective employees.

Indemnification by VENDOR for Professional Acts. VENDOR hereby agrees to indemnify the City of Key West and each of its parent and subsidiary companies and the directors, officers and employees of each of them (collectively, the "indemnitees"), and hold each of the indemnitees harmless, against all losses, liabilities, penalties (civil or criminal), fines and expenses (including reasonable attorneys' fees and expenses) (collectively, "Claims") to the extent resulting from the performance of VENDOR's negligent acts, errors or omissions or intentional acts in the performance of VENDOR's services, or any of their respective affiliates, under this Agreement. If claims, losses, damages, and judgments are found to be caused by the joint or concurrent negligence of the City of Key West and VENDOR, they shall be borne by each party in proportion to its negligence.

VENDOR: BROADWAVE, LLC SEAL:

1111 12th St. #106 KEY WEST FL 33040
Address


Signature

JORDAN SMITH
Print Name

PRESIDENT
Title

DATE: 2/9/18

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: Feb 14 2021



* * * * *

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF Florida)

: SS

COUNTY OF Broward)

I, the undersigned hereby duly sworn, depose and say that the firm of _____

BROADWAY, LLC

provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses, per City of Key West Code of Ordinances Sec. 2-799.

By: _____



Sworn and subscribed before me this 11 day of Feb 2018.

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: Feb 14 2021



* * * * *

CONE OF SILENCE AFFIDAVIT

STATE OF Florida)

: SS

COUNTY OF Broward)

I, the undersigned hereby duly sworn, depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of BROADWAVE, LLC have read and understand the limitations and procedures regarding communications concerning City of Key West Code of Ordinances Sec. 2-773 Cone of Silence.

By: [Signature]

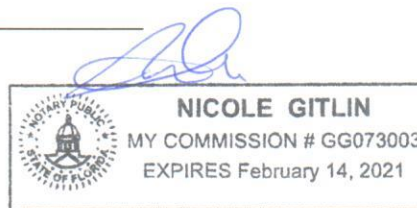
Sworn and subscribed before me this

11 day of February 20 18.

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: Feb 14 2021

* * * * *



BIDDER'S CHECKLIST

(Note: The purpose of this checklist is to serve as a reminder of major items to be addressed in submitting a bid and is not intended to be all inclusive. It does not alleviate the Bidder from the responsibility of becoming familiar with all aspects of the Contract Documents and Proper completion and submission of his bid.)

1. All Bid Documents thoroughly read and understood ☒
2. All blank spaces in Bid filled in black ink. ☒
3. Total and unit Prices added correctly. ☒
4. Addenda acknowledged. ☒
5. Bid signed by authorized officer. ☒
6. Bidder familiar with federal, state, and local laws, ordinances, rules and regulations affecting the proposed purchase. ☒
7. Bidder, if successful, able to obtain and/or demonstrate possession of required licenses and certificates within (10) ten days after receiving a Notice of Award. ☒
8. Bid submitted intact with the volume containing the Bidding Requirements, Contract Forms and Conditions of the Contract, one (1) original, two (2) USB drives. ☐
9. Bid Documents submitted in sealed envelope and addressed and labeled in conformance with the instructions in the Invitation to Bid. ☐
10. Anti-kickback Affidavit; Public Entity Crime Form; City of Key West Indemnification Equal Benefits for Domestic Partners Affidavit; Local Vendors Form. Cone of Silence, and Proof of Insurance ☒
11. Description of proposed work including layout; Equipment Cut Sheets; Warranty Information/Proposal; SUMMARY OF WORK Requirements ☒

PART 2

CONTRACT FORMS

CONTRACT

This Contract, made and entered into this _____ day of _____ 2018,

by and between the City of Key West, hereinafter called the "Owner", and _____

hereinafter called the "Vendor";

WITNESSETH:

The Vendor, in consideration of the sum to be paid him by the Owner and of the covenants and agreements herein contained, hereby agrees at his own proper cost and expense to do all the work and furnish all the materials, tools, labor, and all appliances, machinery, and appurtenances for **ITB #18-015 PORT & MARINE SERVICES - CCTV SURVEILLANCE SYSTEM – MALLORY SQUARE & OUTER MOLE**, Key West, Florida to the extent of the Bid made by the Vendor, dated the _____ day of _____ 2018, all in full compliance with the Contract Documents referred to herein.

The CONTRACT DOCUMENTS, including the signed copy of the BID, BIDDING REQUIREMENTS, SPECIFICATIONS and DRAWINGS are hereby referred to and by reference made a part of this Contract as fully and completely as if the same were fully set forth herein and are mutually cooperative therewith.

In consideration of the performance of the work as set forth in these Contract Documents, the Owner agrees to pay to the Vendor the amount BID as adjusted in accordance with the Contract Documents, or as otherwise herein provided, and to make such payments in the manner and at the times provided in the Contract Documents.

The Vendor agrees to complete the work within **thirty (30)** days and to accept as full payment hereunder the amounts computed as determined by the Contract Documents and based on the said BID.

The Vendor agrees to remedy all defects appearing in the work or developing in the materials furnished and the workmanship performed under this Contract during the warranty period after the date of final acceptance of the work by the Owner, and further agrees to indemnify and hold the Owner harmless from any costs encountered in remedying such defects.

It is agreed that the Contract, based upon the BID, shall be fully complete within the stated number of consecutive calendar days from the date the Notice to Proceed is issued.

In the event the Vendor fails to complete the work within the time limit or extended time limit agreed upon, as more particularly set forth in the Contract Documents, **liquidated damages** shall be paid at a rate of **\$250 per day**. Sundays and legal holidays shall be included in determining days in default.

This contract will automatically expire upon completion of the project. Vendor warranty obligations remain in effect.


IN WITNESS WHEREOF, we, the parties hereto, each herewith subscribe the same this

_____ Day of _____, 2018.

CITY OF KEY WEST

By _____
James K. Scholl, City Manager

VENDOR

By  _____

Printed JORDAN SMITH

Title PRESIDENT

APPROVED AS TO FORM

Attorney for Owner

* * * * *

LICENSE REQUIREMENT AND COST

License required for this Project. Vendor must have a general contractor license or registration.

Cost Not To Exceed \$410.00.

CITY OF KEY WEST BUSINESS LICENSE TAX RECEIPT

A City of Key West Business License Tax Receipt is required for this project. Vendor must have a general contractor license or registration. Cost not to exceed \$410.00.

City of Key West Business License Tax Receipt may be found on the city website.

<http://www.keywestcity.com/egov/docs/1162843921181.htm>

PART 3

SPECIFICATIONS AND PHOTOGRAPHS

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
 - 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
 - Aimetis AIM-R1016-32 rack mount NVR and required mounts or equal
 - 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
 - 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
 - Aimetis AIM-R1016-32 rack mount NVR and required mounts or equal
 - 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: 8hr 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.

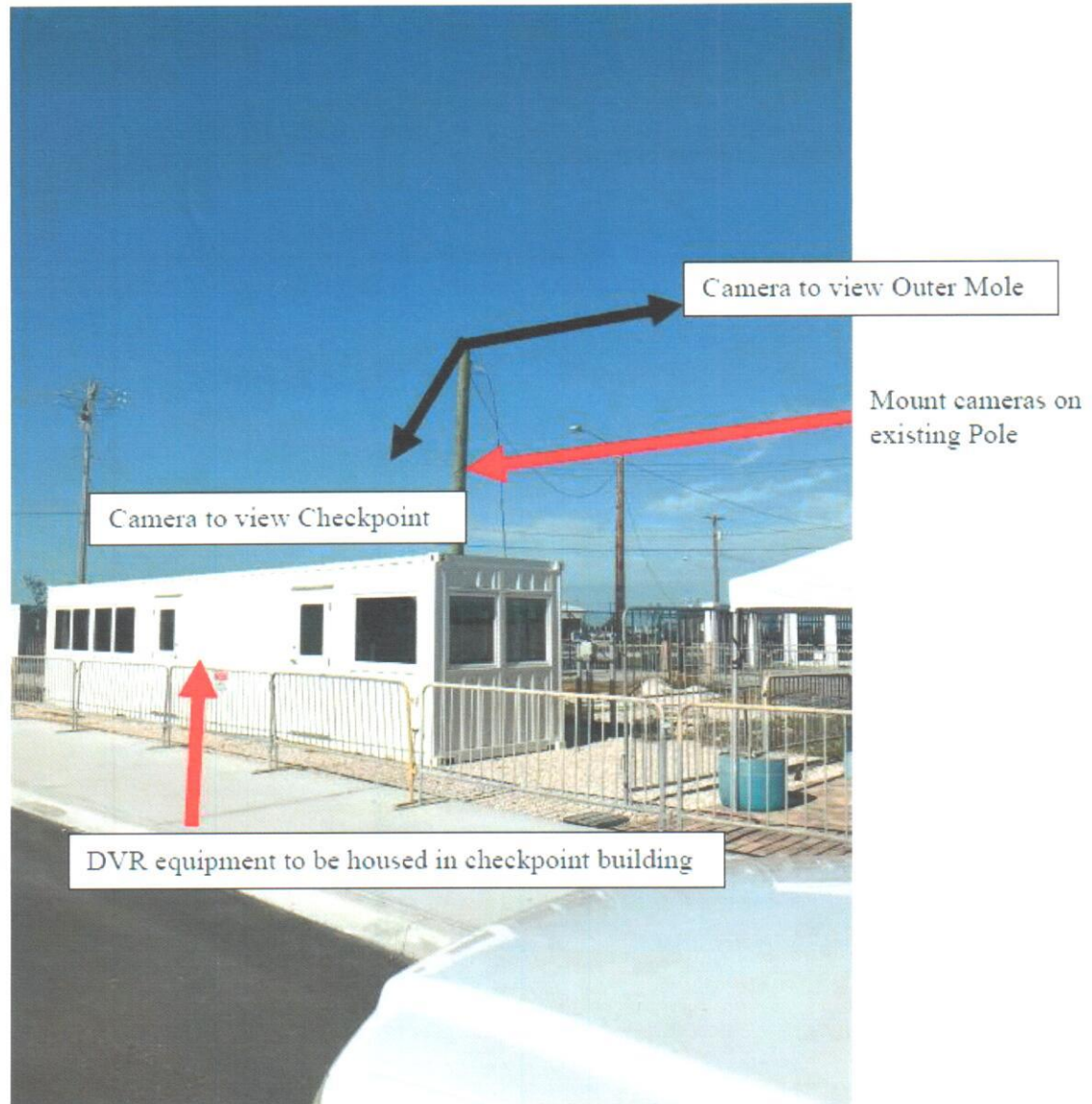
During warranty period vendor shall identify and diagnose system/ equipment failures within 24 hours. All system repairs must be made within 72 hours.

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.

Mole Pier Security Checkpoint



Two cameras to be mounted on telephone pole and ignite net antenna wired with Cat5e cable directly inside checkpoint building where poe switch will power the equipment.



Old cameras/antennas
on arches at Mallory

New cameras will replace old cameras.
New ignite net antennas will replace old antennas and will connect
to the roof of Ocean Key.

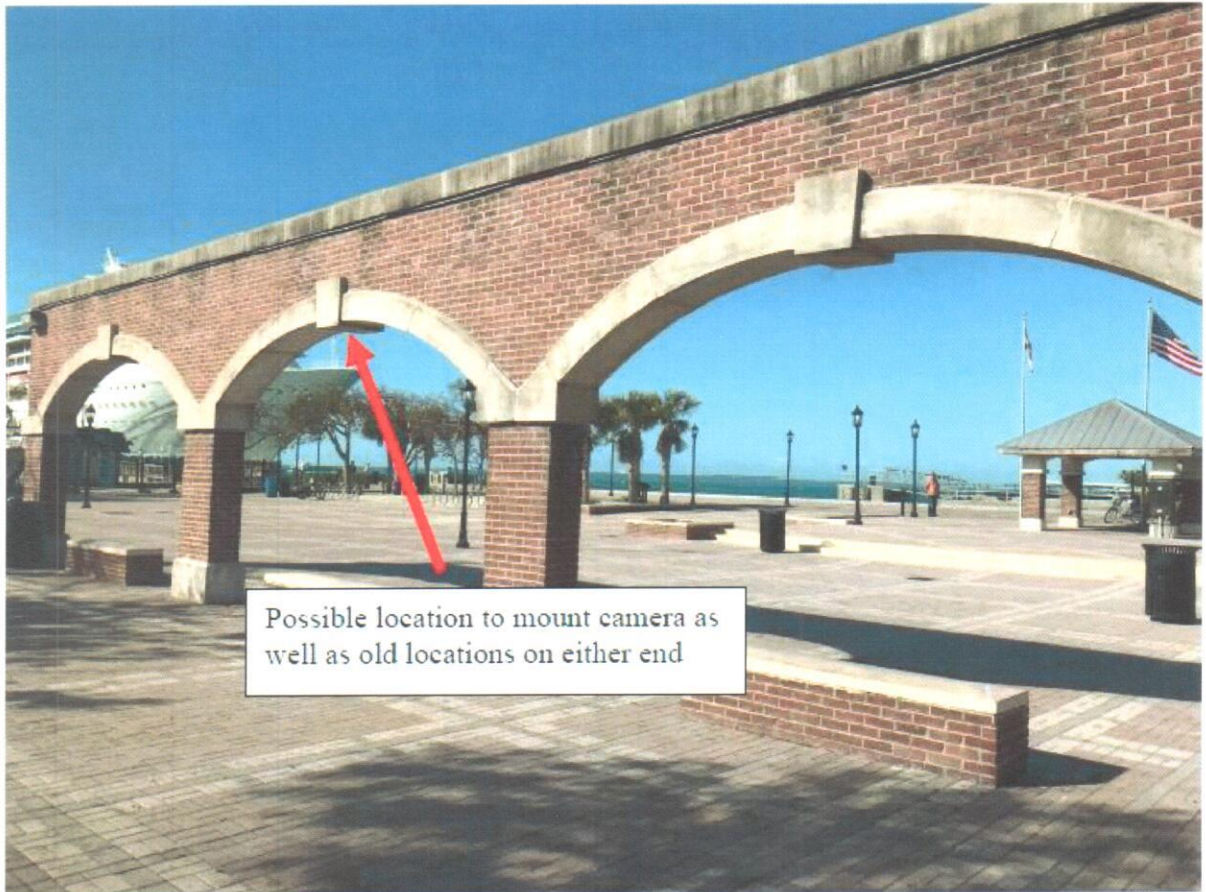
Mallory security checkpoint- cameras need to cover this area as well as Cruise Ship



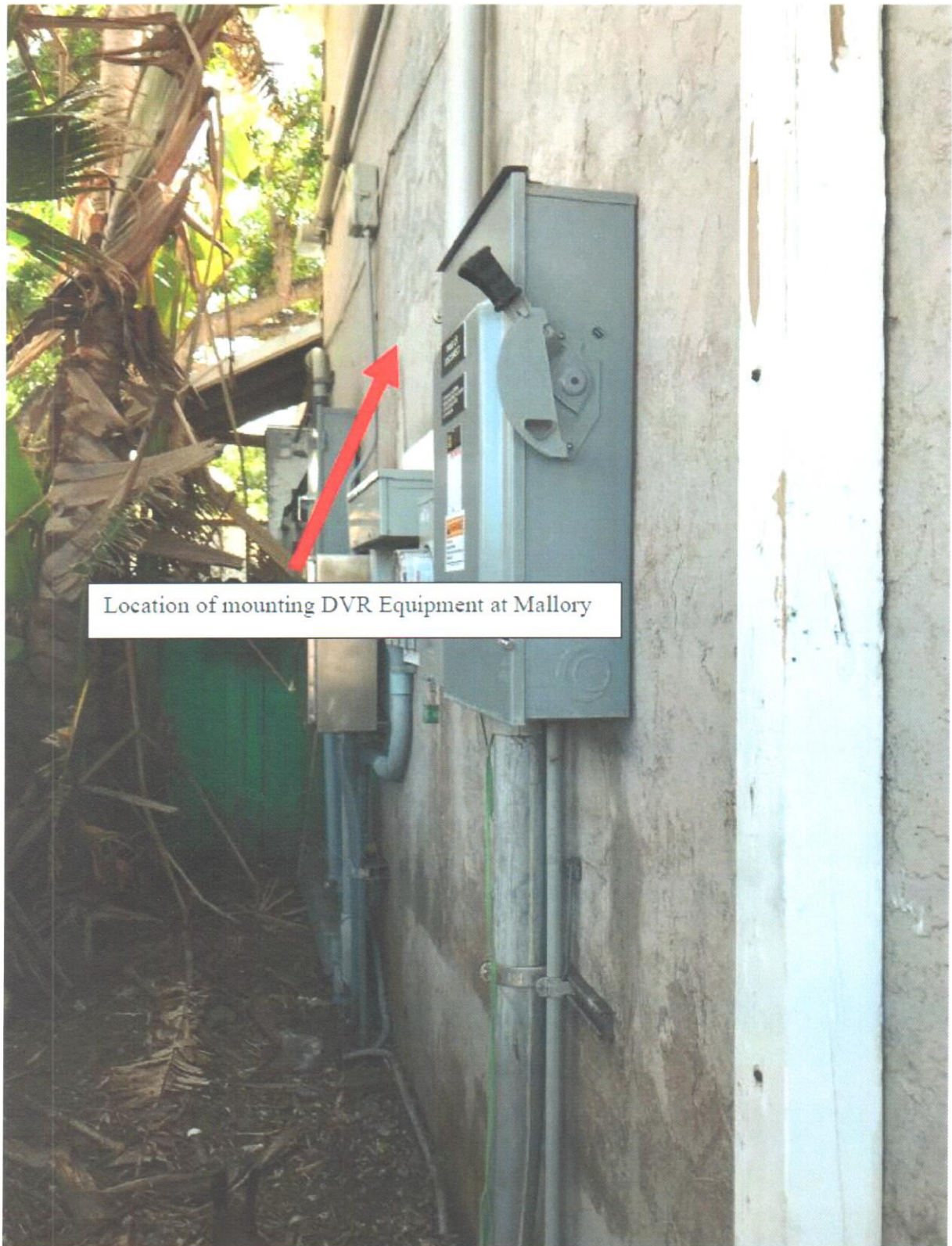


Mallory Square antennas will connect to rooftop where an additional antenna will connect to the outer mole antenna and system.

Mallory Square Arches



Outdoor weatherproof box can be mounted here to power equipment or can be mounted shown on next page.



Second location to place outdoor enclosure. Will require running CAT5 aerially from arches to building.