



PORT FREEPORT CAMERA REPLACEMENT

Scope

The Port is seeking a contractor skilled in data cabling installation, termination and network cable certification testing as well as strong familiarity with Axis Communications IP cameras to undertake a project to replace twenty-eight (28) broken or failing cameras, replace up to 6000ft of network cabling, and perform network cable certification testing for network cabling for these cameras.

Installation shall meet the manufacturer's requirements as well as the Port's requirements. The select contractor shall be responsible for configuration of the cameras, but shall not be responsible for configuration of the VMS.

Due to the SSI nature of this installation, a job walk shall be required in order to submit a bid.

Specifications

All codes, standards, and manufacturer requirements shall be met, including but not limited to:

- 2023 NEC (NFPA 70) Electrical Code, including Article 250 for grounding.
- TIA-568-C.0 and TIA-568-C.1 for copper network cable installation, termination, and testing.
- TIA-607-C for telecommunications grounding and bonding.
- IEEE 802.3 for Ethernet performance (1000Base-T support).
- NFPA 70E (2024) for electrical safety.
- All hot-dipped galvanized conduit and hardware shall comply with ASTM A153/A153M for zinc coating thickness and adhesion, suitable for marine environments.
- BICSI TDMM (15th Edition) for cabling best practices.
- NEMA 250 (2020) for outdoor enclosures (NEMA 4X).
- State and local codes.

Additionally, the following requirements shall be observed:

- All cabling shall be installed and supported per NEC 300.4, with UV-resistant hangers or conduit for outdoor runs.
- Velcro straps shall be used for cable management indoors and inside enclosures.
- Stainless steel cable ties shall be used for cable management outdoors.
- All cabling shall be Cat5e shielded, single jacket, rated for direct burial and outdoor use, and use a dry water-blocking tape. If gel-filled cables are used, gel shall be completely removed at termination points using Hydrasol.
- Terminations shall follow TIA-568-B. Shielded terminations shall use internally grounded connectors with a copper foil wrap to ensure a positive connection to the drain wire.
- All cabling shall be labeled at both ends with machine-printed, weather-resistant labels.

- Network cabling shall be certified per TIA-568-C.0, with test results provided in PDF format. Test equipment shall have been calibrated within the last 12 months by an ISO/IEC 17025 accredited lab (typically the test equipment manufacturer) and proof of calibration shall be included with the test results.
- Low voltage cabling, non-network runs, shall be tested for continuity, resistance, and insulation resistance, with results documented in a spreadsheet.
- All hardware (struts, bolts, etc.) shall be 316 stainless steel or hot-dipped galvanized per ASTM A153, rated for use in a marine environment.
- Grounding connections shall use copper conductors sized appropriately for the expected load, crimped lugs, and antioxidant compound (e.g., NO-OX-ID).
- The contractor shall provide as-built drawings and a system inventory spreadsheet with equipment details (make, model, serial, warranty).
- All network cables shall have surge suppression devices installed at the switch side of the cable that are rated for the environment they will be installed in, support PoE++ and at a minimum support 1 Gbps links.
- Anti-seize compound shall be used to protect all threaded components.
- All enclosures and boxes shall be NEMA 4X rated and any penetrations shall be fully sealed against weather even if under cover. Where enclosures are easily accessible, a means to lock the enclosure via padlock shall be provided.

Background and Description

Port Freeport is located on the Texas Gulf Coast about one (1) hour south of downtown Houston. The Port is served by the Freeport Channel with greatest depths ranging from 51'-56'. Per the U.S Census Bureau, Port Freeport handled 33.6 million short tons of foreign waterborne tonnage across all docks in 2023. Port Freeport ranked 13th in the U.S for exports in 2022. Port Freeport is supported by several modes of land transportation that facilitate the movement of goods to and from the Port, including State Highway 36, State Highway 288 and is served by Union Pacific Railroad. Additionally, the Port has direct access to the Gulf Intracoastal Waterway, which facilitates intrastate and interstate barge traffic.

Port Freeport is primarily an export port, exporting LNG, LPG, crude oil, refined crude oil products, petrochemicals, plastics, fertilizers, rice, finished and previously owned vehicles, machinery, and agricultural equipment and liquified CO2. Primary imports include crude oil, petrochemicals, green fruit (bananas, pineapples, and melons), finished and previously owned vehicles, machinery and agricultural equipment, bulk aggregate, steel products and project cargo. A 2022 Economic Impact Study by the Texas A&M Transportation Institute determined that Port Freeport contributes 266,300 jobs nationally, helps generate more than \$157.3 billion in nationwide economic value, and \$5.4 billion in federal tax revenue on an annual basis.

Conflict of Interest

All Respondents shall acknowledge that the Port is a governmental authority and, as such, the Port is firmly committed to making any business decisions based solely on evaluation of offers that the Port believes will provide the Port the best bid. Basic business integrity dictates that the Port's business decisions be objective, be in the best interest of the Port, and be in no way connected to or influenced

by any other relationship. By submitting a proposal, the Respondent warrants and certifies on behalf of the Proposing Entity that:

- a) Proposing Entity has not directly or indirectly paid, offered, promised to pay, contributed, or promised to contribute any money or any other thing of value or benefit (including employment, contracts or subcontracts relating to Proposing Entity's business) to any Commissioner, official or employee of the Port,
- b) no Commissioner, official or employee of the Port has (directly or indirectly) solicited any such payment or contribution, and
- c) Proposing Entity does not have any Relationship (as that term is hereinafter defined) with any Commissioner, official or employee of the Port. For the purposes of this Contract, a Relationship is defined as:
 - 1) A Commissioner, official or employee of the Port or an affiliate of a Commissioner, official or employee of the Port owns ten percent (10%) of the ownership of the Proposing Entity or ownership in the Proposing Entity with a fair market value of \$15,000 or more; or
 - 2) A Commissioner, official or employee of the Port or an affiliate of a Commissioner, official or employee of the Port has an employment or other business relationship with the Proposing Entity that results in taxable income or receipt of something of value by a Commissioner, official or employee of the Port or an affiliate of a Commissioner, official or employee of the Port; or
 - 3) A Commissioner, official or employee of the Port or an affiliate of a Commissioner, official or employee of the Port receives one or more gifts from the Proposing Entity that have a total value of more than \$100 in one 12-month period.

An "affiliate" of a person is:

- a) A family member of the person, related within the first degree by consanguinity or affinity, as defined by Subchapter B, Chapter 573 of the Texas Government Code, or
- b) An entity owned in whole or in part by the person or by a family member of the person related within the first degree by consanguinity or affinity.

If awarded a contract with Port Freeport, the representations, warranties, and certifications made in this section are ongoing and will remain in effect for the term of the contract

Insurance and Liability

Insurance

The contractor shall maintain the minimum level of insurance as required by the Port Freeport Tariff, which can be accessed on the Port Freeport web site (<http://www.portfreeport.com/business-with-the-port/tariffs>).

The Policy or Policies shall be endorsed to provide that thirty (30) days prior written notice shall be given to Port Freeport in the event of cancellation or material changes in the policy.

Certificate(s) of insurance shall be submitted as evidence to verify that the listed coverages are current.

Port Freeport reserves the right to change established minimum coverage limits for special situations.

Damage

The contractor shall be responsible for any damage caused by their employees and subcontractors.

Proposal Guidelines

RFP Posting

A notice of the RFP shall be posted in the local newspaper, The Facts (www.thefacts.com). Additionally, the RFP will be posted in the Public Notices section of the Port Freeport website, which can be accessed at <http://www.portfreeport.com/freeport-community/contractor-bids>. A copy of the RFP can also be physically picked up at the Port Administration Building located at 1100 Cherry St, Freeport, Texas.

Enquiries

All enquiries related to this RFP are to be sent via email to Jason Caywood, System Administrator, at caywood@portfreeport.com.

Information obtained from any other source is not official and shall not be considered.

Due to the SSI nature of this work, a job walk shall be required to gain the full scope of work. Failure to attend a job walk will disqualify a contractor from the bid process.

If there are any deviations to the requirements specified within this RFP, Respondents shall document the deviations in Attachment 1. Proposals failing to document these deviations may be rejected without further consideration.

RFP Timetable

The anticipated schedule for this RFP and contract approval is as follows:

RFP Issued	July 8 th , 2025
Pre-Bid Meeting	Email caywood@portfreeport.com to schedule
RFP Closed/Proposal Opening	Aug 18 th , 2025 at 1:00PM
Proposal Award	Aug 29 th , 2023(?)

Respondent Expenses

Respondents are solely responsible for their own expenses in preparing a proposal and for subsequent negotiations with Port Freeport, if any. Port Freeport shall not be liable to any Respondent for any claims, whether for costs or damages incurred by the Respondent in preparing the proposal, loss of anticipated profit in connection with any final Contract, or any other matter whatsoever.

Confidentiality of Information

Information pertaining to Port Freeport obtained by the Respondent as a result of participation in this RFP is confidential and shall not be disclosed without prior written authorization from Port Freeport senior management.

Modification of Terms

Port Freeport reserves the right to modify the terms of this RFP at any time at Port Freeport's sole discretion. If the RFP is modified, a notice of the new revision shall be posted in the local newspaper, The Facts (www.thefacts.com). Additionally, the new revision will be posted in the Public Notices section of the Port Freeport website (<http://www.portfreeport.com/freeport-community/contractor-bids>) and available to be physically picked up at the Port Freeport Emergency Operation Center (EOC) located at 1100 Cherry St, Freeport, Texas.

This includes the right to cancel this RFP at any time.

Proposal Submissions

The Respondent may submit their sealed proposal in person or by a recognized mail/delivery service to:

- Port Freeport
- **Attn: Jason Caywood, Sealed Bid, 2025 Camera Replacement**
- 1100 Cherry Street
- Freeport, Texas 77541

Any response received after the deadline on the RFP closing date shall not be considered. The responsibility for submitting proposals before the stated time and date is solely the responsibility of the Respondent. Port Freeport shall not be responsible for delays caused by mail, courier service, or any other occurrence.

At minimum, all submissions shall include one (1) written proposal.

Each proposal shall include:

- 1) Your firm's proposal
- 2) Project timeline including at minimum, planning phase, installation phase, commissioning phase, and project completion
- 3) Attachment 1, Deviations
- 4) A copy of your insurance
- 5) Proof of the required BICSI and Axis Communications certifications.

If the organization submitting a proposal must outsource or contract any work to meet the requirements contained herein, this must be clearly stated in the proposal. Additionally, all costs included in proposals must be all-inclusive to include any outsourced or contracted work. Any proposals which call for outsourcing or contracting work must include a name and description of the organizations being contracted.

All proposals must include proposed costs to complete the tasks described within this document. Costs should be stated as one-time/non-recurring costs or monthly/annual recurring costs. All costs must be itemized and clearly described in each proposal.

All proposals must be signed by an official agent or representative of the company submitting the proposal.

Respondent shall not change the wording of its proposal after submission unless requested by Port Freeport for the purposes of clarification.

All proposals shall be opened at the port Freeport Administration Building located at 1100 Cherry St, Freeport, Texas 77541. The opening of the proposals is open to the public.

Ownership of proposals

All documents and associated materials submitted to Port Freeport as part of this RFP become the property of Port Freeport. These items shall be received and held in confidence by Port Freeport, subject to the provisions of the Public Information Act located in chapter 552 of the Texas Government Code and the Maritime Security Directives issued by the U.S. Coast Guard under 33 CFR Part 101.405.

Acceptance of proposals

This RFP is not an agreement to purchase goods or services. Port Freeport is not bound to enter into a Contract with any respondent. Proposals shall be assessed by utilizing the qualifications within this document. Port Freeport shall be under no obligation to receive further information, whether written or oral, from any Respondent.

The proposal shall be in English.

Delivery of the proposal shall be in accordance with the requirements specified within this document.

Proposal Review

Proposal Review Committee

Review of Respondents' proposals shall be conducted by the Qualifications Review Committee (QRC) formed by Port Freeport and may include users, employees, Commissioners, and/or contractors of Port Freeport. Parties submitting a proposal may NOT participate on the QRC.

Review and Selection

The QRC shall check Respondents' proposals against the specified criteria. Proposals not meeting all criteria established within this document may be rejected without further consideration.

Each qualified proposal shall be evaluated using a quantitative method for the following topics:

- 50% - Price
- 20% - Team Orientation
- 20% - Contractor Reputation / Past Performance
- 10% - Schedule

Port Freeport reserves the right to request additional information from a Respondent.

Regardless of the factors set forth herein, the Port reserves the right to select the best bid pursuant to Section 60.408(b) of the Texas Water Code.

Proposal Selection

Negotiations

Port Freeport may award a contract on the basis of initial offers received, without discussion, or may require Respondents to give oral presentations based on their responses.

Port Freeport reserves the right to enter into negotiations with the selected Respondent, and if Port Freeport and the selected Respondent cannot negotiate a mutually acceptable contract, Port Freeport

may terminate the negotiations and begin negotiations with the next selected Respondent. This process may continue until a contract has been executed or all responses have been rejected.

No Respondent shall have any rights in the subject project or property or against the Port arising from such negotiations.

A comprehensive evaluation shall take place on the potential service provider prior to awarding the contract. This comprehensive evaluation may include, but not limited to, financial stability, reputation, legal issues, and overall risk.

Contract terms and conditions will be negotiated upon selection of the winning bidder for this RFP. All contractual terms and conditions will be subject to review by Port Freeport and will include scope, budget, schedule, and other necessary items pertaining to the project.

Qualifications

Business Requirements

The bidder shall have at least 5 years' experience in the design and installation of Axis Communications, datacom and networking systems in a marine construction environment.

Required Certifications

BICSI RCDD Certification – At least one person on the design team.

BICSI TECH or INSTC or INST1 Certification – At least one person who is permanently on the installation crew.

Axis Certified Professional Certification – One person on the design team and at least one person who is permanently on the installation crew.

If the contractor doesn't have the required certifications, their bid will be rejected.

Safety

The bidder shall have a 2024 OSHA recordable less than 5.0.

The bidder shall be responsible for providing all applicable personal protective equipment (PPE).

The successful bidder shall follow all applicable OSHA and NFPA standards as required by local, state, and federal requirements.

EQUIPMENT INSTALLATION

Completion

Installation shall be considered complete once the following items are achieved:

- Work has passed visual inspection by Port IT
- All devices affected by this work are accessible on the Port network.
- Results of network cable certification have been signed off by Port IT.
- All required documentation has been turned into the Port and found to be sufficient.
- All outstanding punch list items have been completed.

Equipment

1 x Axis Q6135-LE PTZ Cameras
2 x Axis P3265-LV Cameras
1 x Axis P3265-LVE Camera
1 x Axis I8116-E Network Video Intercom
11 x Axis P5676-LE PTZ Cameras
7 x Axis M5526-E PTZ Cameras
3 x Axis P1387-LE Fixed Cameras with IR
2 x Axis P3737-PL Fixed Panoramic Camera with IR
28 x Axis 128GB SD Cards
2 x Axis T8134 60w Midspan
3 x Axis T8129-E Outdoor PoE Extender
6000ft (Estimated) Cat5e Shielded Outdoor/Direct Burial cable with water-blocking tape

Mounts

When you are selecting mounts keep the following notes in mind which will apply to most, but not all, situations.

- Axis TQ5001-E is the preferred mount for Wall and Pole installation of PTZ cameras, utilizing the IDC termination.
 - Use Axis T91A64 where corner brackets are required for PTZ cameras.
- All fixed cameras shall be affixed to a proper Axis mount (e.g., Axis TQ1601-E).
 - Use Axis T94R01B where corner brackets are required for fixed cameras.

The equipment list and mount requirements are not all inclusive. The Port has made best effort to give you a list of equipment, but you are still required to know the product, it's capabilities and installation methods better than we do.

Bidder is responsible for scheduling a walk of the job to determine all additional equipment and to ensure all appropriate parts for this project are included in their proposal. Failure to attend a job walk will result in your proposal being rejected.

Installation

Equipment locations are considered sensitive security information (SSI) and shall only be provided during a job walk. Failure to attend a job walk will result in the contractor's proposal being disqualified.

Access to cameras and enclosures will require the use of a boom lift configured for outdoor use, A-frame ladders 6 ft - 10 ft, and a 16 ft extension ladder.

Cabling shall be replaced on an as-needed basis if existing cable is the wrong type or is no longer serviceable, but the installed footage will not exceed the 6000 ft noted in this RFP.

If a cable is replaced, the old cable shall be completely removed.

Cable certification testing shall be conducted on all network cabling (horizontal runs and patch cables) related to the affected cameras. Any deficiencies regarding ethernet surge suppression (won't pass signal or needs to be installed) shall be noted and the Port informed.

Unless specified otherwise in the documentation provided during your job walk, new mounts shall be installed for all cameras.

Cameras shall be configured prior to installation to ensure that current stable firmware is installed, the network is configured, the SD card is working properly, and that the camera is fully functional. It is strongly suggested this configuration be completed prior to arrival at the job site so the upfront issues can be resolved more quickly, and your techs can gain familiarity with the products and firmware being used on the project.

The following documentation shall be required for this job and turned into the Port at completion of the job:

- The contractor shall maintain a spreadsheet to track camera location, camera model, MAC address, switch location and port used, and networking configuration (IP, Subnet, GW).
 - The Port will furnish the initial spreadsheet containing camera location, expected camera model and network configuration.
- Photos of completed work shall be provided for each camera. The files shall be renamed to reflect the camera location as specified on the spreadsheet. Photos shall include the following:
 - Weatherproofing glands installed per Axis instructions to provide a tight weather seal around the cable.
 - Terminations at the camera showing proper 110 punch down with shield connection to the PCB (for P/Q series PTZs), the shielded RJ45 terminated to the specifications stated in this RFP and connected without damage to the camera, or Axis IP66 connector properly terminated and properly secured to the camera.
 - The installed camera and mount clean and free of scratches, oils, fingerprints, and dirt on the powder coating and dome/lens.
 - A clear shot that shows how the camera has been mounted.
 - Include screenshots of the following configurations in the camera:
 - IPv4 networking configuration
 - Storage configuration showing the SD card installed, formatted EXT4 and available.
 - Maintenance screen showing the current firmware version of the camera.
 - Where PoE extenders or RJ45 couplers are used, a picture shall be provided of the device mounted in its enclosure, the cable terminations before and after connection to the device, the penetrations into the enclosure showing they are weather tight and the final product with a clear wide picture of its mounting location.

Port Expectations of Contractor

Contractor shall certify new network cabling per TIA requirements and provide results to the Port in PDF format. Documentation of calibration shall be included with test results. Tester calibration date shall be less than one (1) year prior.

The contractor shall provide a minimum of one (1) year warranty for labor and parts. The Port will conduct inspections periodically to ensure new components are not corroding or failing.

The contractor shall ensure all personnel who come on-site carry a current TWIC.

The contractor shall provide proof of the required Certifications.

The contractor shall verify that components listed in this document are sufficient and all necessary accessories are provided for a complete installation.

The contractor shall not re-use old equipment (mounts, housings).

The contractor shall return all removed equipment to the Port for proper disposal.

Point of Contact

The Port Freeport point of contact for this project is:

- Jason Caywood, System Administrator
- 1100 Cherry St, Freeport, Texas 77541
- Office: (979) 373-5914 Cell: (206) 355-3791
- Email: caywood@portfreeport.com

Attachment 1: Deviations

DESCRIPTION OF DEVIATION	REASON/RECOMMENDED REPLACEMENT

PRINT NAME

DATE

SIGNATURE