



**PASCO COUNTY BOARD OF COUNTY COMMISSIONERS
PURCHASING DEPARTMENT
8919 GOVERNMENT DRIVE
NEW PORT RICHEY, FLORIDA 34654**

TELEPHONE: (727) 847-8194
FACSIMILE: (727) 847-8065
pascocountyfl.net

INVITATION FOR BIDS

BID NO. 08-025F

INTERCOM SYSTEM UPGRADE PROVIDED AND INSTALLED

SUMMARY OF WORK

It is the intent of this solicitation to contract with a company to upgrade the existing intercom system in the Central Control Room and "B-Pod" Control Room at the Pasco County Land O' Lakes Detention Center.

The Pasco County Purchasing Department will receive sealed bids until 2:00 p.m., local time (our clock), on January 4, 2008, in the Pasco County Purchasing Department, 8919 Government Drive, New Port Richey, Florida. Bids received after this time will not be accepted. Bids will be publicly opened and read at the above-stated time and date. All interested parties are invited to attend. Bidders shall submit one (1) original bid form.

A prebid conference will be held at 9:00 a.m. on December 14, 2007, in the front lobby of the Pasco County Detention Center located at 2011 Central Boulevard, Land O' Lakes, Florida. All interested parties are strongly encouraged to attend. The purpose of the prebid conference is to allow potential bidders an opportunity to obtain clarification of the requirements contained in the issued bid document. No questions other than clarifications will be answered. Please refer to additional information in the General Provisions of the bid document.

Insurance coverage is required for this project; please refer to the Special Provisions.

Please immediately advise of address changes or if you wish to have your firm removed from the vendor list. Vendors receiving this notice must submit either a bid/proposal or "NO BID" to remain on our vendor list for the specified commodity or service. A "NO BID" is provided on Page 2 for your convenience.

This cover is only intended to inform vendors of a pending Invitation for Bid or Request for Proposal. For complete details, please refer to the complete bid/proposal package.

Bid documents may be downloaded by visiting www.PascoCountyFL.net or by requesting copies from the Purchasing Department at no cost. Pasco County is not responsible for expenses incurred prior to award by the Board of County Commissioners (BCC).

Frank C. Aleskwiz,
Buyer



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STATEMENT OF NO BID

We, the undersigned, have declined to submit a bid response to Invitation for Bid No. 08-025F for the following reason(s):

Please check all that apply.

1. Opening date does not allow sufficient time to complete bid response.
2. We do not offer the commodities or services requested.
3. Our schedule would not permit us to perform.
4. We are unable to meet the issued specification.
5. Specifications are restrictive (please explain below).
6. We are unable to meet the surety requirements.
7. Other: _____

Explanations: _____

We understand that if a "NO BID" is not returned, our firm will be removed from the bidders' list for the subject commodity.

Name: _____

Signature: _____

Company: _____

Address: _____

City/State/Zip: _____

Telephone: _____

Facsimile: _____

Fed. ID No.: _____

IMPORTANT!—PLEASE READ CAREFULLY BEFORE MAKING BID

GENERAL PROVISIONS

These general terms and conditions of the bid quotation and acceptance apply in like force to this inquiry and to any subsequent contract resulting therefrom.

ACKNOWLEDGMENT OF AMENDMENTS

Bidders shall acknowledge receipt of any amendment to the solicitation by identifying the amendment number in the space provided for this purpose on the bid form, by letter, or by returning a copy of the issued amendment with the submitted bid. The acknowledgment must be received by Pasco County by the time and at the place specified for the receipt of bids. Failure to acknowledge an issued amendment may result in bid rejection and disqualification.

ADDITIONAL INFORMATION

Questions concerning the contract or technical portions of the bid document must be submitted in writing to Scott P. Stromer, Purchasing Director, Pasco County Purchasing Department; 8919 Government Drive; New Port Richey, Florida 34654; facsimile (fax) machine number (727) 847-8065. Bidders are cautioned that any statements made by individuals, or employees of Pasco County, that materially change any portion of the bid document shall not be relied upon unless subsequently ratified by a formal written amendment to the bid document. No contractual or technical questions will be accepted after ten (10) days prior to the date set for bid opening.

ALTERNATIVE BIDS

The bidder **WILL NOT** be allowed to offer more than one (1) price (for the goods or services specified). If the said bidder should submit more than one (1) price on any item (or service), ALL prices will be rejected for that item. The bidders offering service delivery methods other than those permitted by the scope of work or specifications may submit a separate envelope clearly marked "Alternative Bid." Alternative bids will be deemed nonresponsive and will not be considered for award. All such responses will, however, be examined prior to award. Such examination may result in cancellation of all bids received to permit rewriting the scope of work or specifications to include the alternative method, or the alternative method may be considered for future requirements of Pasco County.

ANTITRUST

By entering into a contract, the contractor conveys, sells, assigns, and transfers to Pasco County all rights, titles, and interest it may now have or hereafter acquire under the antitrust laws of the United States and the State of Florida that relate to the particular goods or services purchased or acquired by Pasco County under the said contract.

APPLICABLE LAW

The contract shall be governed in all respects by the laws of the State of Florida, and any litigation with respect thereto shall be brought in the courts of Pasco County, Florida. The contractor shall comply with all applicable Federal, State, and local laws and regulations. Lack of knowledge by the bidder will in no way be a cause for relief from responsibility.

ASSIGNMENT

The contractor shall not assign, transfer, convey, sublet, or otherwise dispose of any award or any or all of its rights, title, or interest therein, or delegate the duties hereunder without the prior written consent of Pasco County.

AWARD

Consideration for award will be by proximity to specifications given, costs, and time of delivery. All purchases, leases, or contracts that are based on competitive bids will be awarded to the lowest, responsive, and responsible bidder. Complete and accurate responses to all items are necessary for the complete and fair evaluation of bids. Bid award, in addition to the above stated, will be based on compliance with the specified requirements as well as the "total-cost" or "life-cycle costing" concept, including the following: 1) Cost: A cost analysis will be conducted and will include all identifiable costs associated with acquisition, installation, maintenance, and operation of the bidder's offered equipment. The analysis will be based upon the bidder's proposal data and other costs which, in the judgment of the evaluators, will be incurred by Pasco County resulting from acceptance of the bidder's proposal; 2) Equipment: Evaluation of equipment will be based on compliance with the specifications, expected life of equipment, output, maintenance, consumption, disposal value, warranty, complexity of operation, required training, and other factors that may contribute to the overall cost of the specified item; and 3) Bidder's Reputation and Experience: Evaluation of the bidder's reputation, past performance, and experience shall be based on the nature and extent of company data furnished, references and financial responsibility of the bidder.

BID ACCEPTANCE PERIOD

Any bid submitted as a result of the solicitation shall be binding on the bidder for a minimum of ninety (90) calendar days following the bid opening date. Any bid for which the bidder specifies a shorter acceptance period may be rejected.

BID CLARIFICATIONS

If any party contemplating the submission of a bid on this invitation is in doubt as to the true meaning of any part of the plans, specifications, or other documents, he should submit a written request for an interpretation thereof to the Purchasing Director. The bidder's concerns, regarding clarification of specifications and/or discrepancies and/or omissions and/or changes to the attached specifications shall be made in writing and received by Pasco County no later than ten (10) calendar days prior to the bid opening date. The letter from the bidder shall state clearly, and in detail, the basis for such concern(s) or request(s). The letter shall be addressed to the Purchasing Director, and marked "PREBID QUESTION" on the face of the envelope. The Purchasing Director will respond in writing. An interpretation of the bid invitation document will be made only by addendum duly issued to each party receiving a bid invitation. All such addenda shall become part of the contract documents. Pasco County shall not be responsible for explanations or interpretations of bid invitation documents except as issued in accordance herewith. No oral interpretations will be made as to the meaning of specifications or any other contract documents. Failure to comply with this provision will result in the bidder waiving his/her right to dispute the bid specification.

BIDDER CERTIFICATION

The bidder agrees that submission of a signed bid form is certification that the bidder will accept an award made to it as a result of the submission.

BIDDER INVESTIGATIONS

Before submitting a bid, each bidder shall make all investigations and examinations necessary to ascertain all site conditions and requirements affecting the full performance of the contract and to verify any representations made by Pasco County upon which the bidder will rely. If the bidder receives an award as a result of its bid submission, failure to have made such investigations and examinations will in no way relieve the bidder from its obligation to comply in every detail with all provisions and requirements of the contract documents, nor will a plea of ignorance of such conditions and requirements be accepted as a basis for any claim whatsoever by the contractor for additional compensation.

BIDDERS' LIST

Failure to submit a bid for the item(s) specified will result in removal from the bidders' list for such (an) item(s). If a bid is not submitted, a "NO BID" response must be submitted to remain on the Pasco County's bidders' list for such items. A form for submitting a "NO BID" is provided on Page 2 for your convenience.

BID ENVELOPES

Envelopes containing bids must be sealed and marked in the lower left-hand corner with the invitation number, commodity, and date and hour of opening of bids. Failure to do so may cause bid not to be considered. Express Company or Express Mail envelopes containing a sealed bid shall also be sealed and marked in the lower left-hand corner with the invitation number, commodity, and date and hour of opening of bids.

BID FORM SUBMISSION

Bids shall be submitted on the attached forms. Bids concerning separate bid invitations must not be combined on the same form or placed in the same envelope. Bids submitted in violation of this provision shall not be considered. All bids must be signed, in ink, in order to be considered. Erasures are not acceptable on bids; if necessary to make a change, strike out or draw a line through incorrect item and type the correction above, and initial the correction in ink. If the bidder is a firm or corporation, the bidder must show the title of the individual executing the bid, and if the individual is not an officer of the firm or corporation, the bidder must submit proof that the individual has the authority to obligate the firm or corporation. **BIDS MAY NOT BE ALTERED OR AMENDED AFTER THE BID CLOSING.**

BID RECEIPT AND OPENING

Pasco County will receive sealed bid proposals until date and time indicated on bid cover. Bids must be delivered, by hand or mail, to the Pasco County Purchasing Department, located at 8919 Government Drive, New Port Richey, Florida, where they will be opened at the stated time. Bids must be time stamped in the Purchasing Department before or on the hour and date indicated on the cover sheet (Invitation for Bid) for the bid opening. Bids received after the date and time of the bid opening will be received, date stamped, and returned to the bidder unopened. It is the responsibility of the bidder to ensure that bids arrive at the designated opening place on time. Late or nondelivery due to mail or express delivery company failure will not be considered adequate reason for consideration of late bids. **FAXED BIDS WILL NOT BE ACCEPTED AND SHALL NOT BE CONSIDERED FOR EVALUATION OR AWARD.** Notes may be taken at the public reading of the bid(s) at the specified time and date of the opening or a personal inspection may be made of the bid(s) after award has been made and documents are placed in central and public files.

BID WITHDRAWAL

Bids may not be changed after the bid closing time.

To withdraw a bid that includes a clerical error after bid opening, the bidder must give notice in writing to Pasco County of claim or right to withdraw a bid. Within two (2) business days after the bid opening, the bidder requesting withdrawal must provide to Pasco County all original work papers, documents, and other materials used in the preparation of the bid. A bidder may also withdraw a bid prior to the time set for the opening of bids by simply making a request in writing to Pasco County; no explanation is required. No bidder who is permitted to withdraw a bid shall, for compensation, supply any material or labor to or perform any subcontract or other work for the person to whom the contract is awarded or otherwise benefit from the contract. No partial withdrawals of a bid are permitted after the time and date set for the bid opening; only complete withdrawals are permitted. The decision to allow or disallow bid withdrawal remains solely with Pasco County.

BRAND NAMES

Any catalog, brand name, or manufacturer's reference used in the specifications is intended to be descriptive and not restrictive, and is used **only** to indicate type and quality desired. Any article, equipment, or material, which shall conform to the standards and excellence, so established, and is of equal merit, strength, durability, and appearance to perform the desired function, is deemed eligible for offer as a substitute. The qualifications of the offering shall be judged as to their conformance with these specifications. Any equipment offered other than herein specified shall be subject to a competitive demonstration and evaluation by Pasco County. The determination as to whether any alternate product or service is or is not equal shall be made by Pasco County, and such determination(s) shall be final and binding upon all bidders.

CANCELLATION

Pasco County reserves the right to cancel a resulting contract, without cause, by giving thirty (30) days' prior written notice to the contractor of the intention to cancel, or with cause if at any time the contractor fails to fulfill or abide by any of the terms or conditions specified. Failure of the contractor to comply with any of the provisions of a resulting contract shall be considered a material breach of contract and shall be cause for immediate termination of the contract at the sole discretion of Pasco County. In addition to all other legal remedies available to Pasco County, Pasco County reserves the right to cancel and obtain from another source, any services which have not been provided within the required period of time or, if no such time is stated, within a reasonable period of time from the date of order or request, as determined by Pasco County.

CERTIFICATION OF INDEPENDENT PRICE DETERMINATION

The bidder certifies that the prices submitted in response to the solicitation have been arrived at independently and without—for the purpose of restricting competition—any consultation, communication, or agreement with any other bidder or competitor relating to those prices, the intention to submit a bid, or the methods or factors used to calculate the prices bid.

CHANGE IN SCOPE OF WORK

Pasco County may order changes in the work consisting of additions, deletions, or other revisions within the general scope of the contract. No claims may be made by the contractor that the scope of the project or of the contractor's services has been changed, requiring changes to the amount of compensation to the contractor or other adjustments to the contract, unless such changes or adjustments have been made by written amendment to the contract or

purchase order signed by Purchasing Director. If the contractor believes that any particular work is not within the scope of the project, is a material change, or will otherwise require more compensation to the contractor, the contractor must immediately notify Pasco County in writing of this belief. If Pasco County believes that the particular work is within the scope of the contract as written, the contractor will be ordered to and shall continue with the work as changed and at the cost stated for the work within the scope.

COLLUSION AMONG BIDDERS

Each bidder, by submitting a bid, certifies that it is not a party to any collusive action or any action that may be in violation of the Sherman Antitrust Act. Any or all bids shall be rejected if there is any reason for believing that collusion exists among the bidders. Pasco County may or may not, at its discretion, accept future bids for the same work from participants in such collusion. More than one (1) bid from an individual, firm, partnership, cooperation, or association under the same or different names may be rejected. Reasonable grounds for believing that a bidder has interest in more than one (1) bid for the work being bid may result in rejection of all bids in which the bidder is believed to have interest. Nothing in this clause shall preclude a firm acting as a subcontractor to be included as a subcontractor for two (2) or more primary contractors submitting a bid for the work.

CONFLICT OF INTEREST

The contractor, by submission of its proposal, certifies that to the best of his/her knowledge or belief, no elected/appointed official or employee of Pasco County is financially interested, directly or indirectly, in the offer of goods or services specified in this invitation.

DEBARMENT

By submitting a bid, the bidder certifies that it is not currently debarred from submitting bids for contracts issued by any political subdivision or agency of the State of Florida and that it is not an agent of a person or entity that is currently debarred from submitting bids for contracts issued by any subdivision or agency of the State of Florida.

ERRORS IN EXTENSIONS

If the unit price and the extension price are at variance, the unit price shall prevail.

ETHICS IN PUBLIC PROCUREMENT

The contract shall incorporate by reference, but shall not be limited to, the provisions of law contained in Chapter 112, Florida Statutes. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity; may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids on leases or real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of thirty-six (36) months from the date of being placed on the convicted vendor list. The bidder certifies that its bid was made without collusion or fraud; that it has not offered or received any kickbacks or inducements from any other bidder, supplier, manufacturer, or subcontractor in connection with this bid; and that it has not conferred on any public employee having official responsibility for this procurement transaction any payment, loan, subscription, advance, deposit of money, services, or anything of value.

EXCEPTIONS

Bidders taking exception to any part or section of the solicitation shall indicate such exceptions on the bid form or appendix. Failure to indicate any exception will be interpreted as the bidder's intent to comply fully with the requirements as written. Conditional or qualified bids, unless specifically allowed, shall be subject to rejection in whole or in part.

EXPENSES INCURRED IN PREPARING BID

Pasco County accepts no responsibility for any expense incurred by the bidder in the preparation and presentation of a bid. Such expenses shall be borne exclusively by the bidder.

FAILURE TO DELIVER

In the event of failure of the contractor to deliver the goods and services in accordance with the contract terms and conditions, Pasco County may procure the goods and services from other sources and hold the contractor responsible for any resulting additional costs. A failure to deliver will result in immediate termination of a resulting contract, and immediate disqualification and debarment from submitting bids to Pasco County for a maximum of three (3) years. These remedies shall be in addition to any other remedies that Pasco County may have available.

FAILURE TO ENFORCE

Failure by Pasco County at any time to enforce the provisions of the contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the contract or any part thereof or the right of Pasco County to enforce any provision at any time in accordance with its terms.

FAIR LABOR STANDARDS

By submission of a bid, the bidder certifies that the contractor(s) and/or subcontractor(s) providing product(s) or service(s) shall, in the execution or performance of such a contract, maintain fair labor standards as defined in applicable State and Federal regulations.

FORCE MAJEURE

The contractor shall not be held responsible for failure to perform the duties and responsibilities imposed by the contract due to legal strikes, fires, riots, rebellions, and acts of God beyond the control of the contractor, unless otherwise specified in the contract.

IDENTICAL BIDS

Identical bids or bids which otherwise appear suspicious will be reported to the County Attorney for investigation.

INDEMNIFICATION

In consideration of the sum of Fifteen and 00/100 Dollars (\$15.00), the receipt and sufficiency of which is acknowledged by the contractor to be included and paid for in the contract price, the contractor shall indemnify, defend, and hold harmless Pasco County and its agents and employees from and against all liabilities, claims, damages, losses, and expenses, including attorneys' fees, arising out of or resulting from the performance of the work, provided that any such liability, claim, damage, loss, or expense: 1) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself), including the loss of use resulting therefrom; and 2) is caused in whole or in part by any negligent act or omission of the contractor and subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, except for those caused by the negligent act or omission of Pasco County.

In any and all claims against Pasco County or any of its agents or employees by any employee of the contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation under the previous paragraph shall not be limited in any way as to the amount or type of damages, compensation, or benefits payable by or for the contractor or any subcontractor under Workers' Compensation Acts, disability benefit acts, or other employee benefit acts.

INDEPENDENT CONTRACTOR

The contractor shall be legally considered an independent contractor and neither the contractor nor its employees shall, under any circumstances, be considered servants or agents of Pasco County; and Pasco County shall be at no time legally responsible for any negligence or other wrongdoing by the contractor, its servants, or agents. Pasco County shall not withhold from the contractor any Federal or State unemployment taxes, Federal or State income taxes, Social Security tax, or any other amounts for benefits to the contractor. Further, Pasco County shall not provide to the contractor any insurance coverage or other benefits, including workers' compensation, normally provided by Pasco County for its employees.

INFORMALITIES AND IRREGULARITIES

Pasco County has the right to waive minor defects or variations of a bid from the exact requirements of the specifications that do not affect the price, quality, quantity, delivery, or performance time of the services being procured. If insufficient information is submitted by a bidder with the bid for Pasco County to properly evaluate the bid, Pasco County has the right to require such additional information as it may deem necessary after the time set for receipt of bids, provided that the information requested does not change the price, quality, quantity, delivery, or performance time of the services being procured. The BCC reserves the right to reject any or all bids in whole or in part; to award by any item, group(s) of items, total bid, or accept the bid that is most advantageous and in the best interest of Pasco County.

LAW COMPLIANCE

Each party will comply with all applicable Federal, State and local laws, rules, regulations, and guidelines related to performance under this agreement. In particular, the contractor/vendor/named party verifies and affirms that it is in compliance with 8 USC Sec. 1324 prohibiting the employment either directly or by contract, subcontract, or exchange of unauthorized aliens in the United States. The County will consider the employment of unauthorized aliens by any contractor/vendor/named party, during the term of the agreement, a violation of the Immigration and Nationality Act. Such violation shall be cause for unilateral cancellation of this agreement by the County.

LIMITATION OF COST

The contractor agrees to perform the work specified and complete all obligations under the contract within the stated amounts.

NONAPPROPRIATION

All funds for payment by Pasco County under this contract are subject to the availability of an annual appropriation for this purpose by Pasco County. In the event of nonappropriation of funds by Pasco County for the services provided under the contract, Pasco County will terminate the contract, without termination charge or other liability, on the last day of the then-current fiscal year or when the appropriation made for the then-current year for the services covered by this contract is spent, whichever event occurs first. If at any time funds are not appropriated for the continuance of this contract, cancellation shall be accepted by the contractor on thirty (30) days' prior written notice, but failure to give such notice shall be of no

effect, and Pasco County shall not be obligated under this contract beyond the date of termination.

NONCONFORMING TERMS AND CONDITIONS

A bid response that includes terms and conditions that do not conform to the terms and conditions in the bid document is subject to rejection as nonresponsive. Pasco County reserves the right to permit the bidder to withdraw nonconforming terms and conditions from its bid response prior to a determination by Pasco County of nonresponsiveness based on the submission of nonconforming terms and conditions.

NONDISCRIMINATION

By submission of bid, the bidder certifies that the contractor(s) and/or subcontractor(s) providing product(s) or service(s) shall not discriminate against any employee or applicant for employment, to be employed in the performance of such contract, with respect to his/her hire, tenure, terms, conditions, or privileges of employment, because of his/her race, color, religion, sex, disability, or national origin, as outlined in applicable State and Federal regulations.

ORAL STATEMENTS

No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in this contract. All modifications to the contract or purchase order must be made in writing by Pasco County.

PATENTS AND ROYALTIES

The contractor covenants to save, defend, keep harmless, and indemnify Pasco County and all of its officers, departments, agencies, agents, and employees from and against all claims, loss, damage, injury, fines, penalties, and cost—including court costs and attorney's fees, charges, liability, and exposure, however caused—for or on account of any copyright or patented or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by Pasco County. If the contractor uses any design, device, or materials covered by patent or copyright, it is mutually agreed and understood without exception that the contract price includes all royalties or costs arising from the use of such design, device, or materials in any way in the work.

PAYMENT PROCEDURES

The BCC has adopted Resolution No. 95-70, incorporating its Invoice Payment Procedures Policy in order to help ensure that vendors providing goods and/or services to the BCC receive payment in a timely manner and in accordance with Chapter 218, Part VII, Florida Statutes (The Florida Prompt Payment Act). A copy of Resolution No. 95-70 (which includes the policy) is available for viewing during normal business hours at the Office of the Pasco County Clerk of the Circuit Court; 38053 Live Oak Avenue; Department of Secretarial Services, Room 205; Dade City, Florida 33525. Copies of the Resolution may be obtained at a cost of One and 20/100 Dollars (\$1.20). Please make your check payable to Jed Pittman, Clerk of the Circuit Court, and forward payment to the Department of Secretarial Services at the address noted above. For further information, please call (352) 521-4347.

Several payment options are available to successful vendor, upon receipt of a correct invoice:

1. Check may be mailed to the remit address on the invoice. The check is sent to the Post Office the day after BCC approval.

2. Check may be picked up in Dade City. The vendor must pick up the check the day after BCC approval. The successful bidder or contractor must call (352) 521-4599 for detailed instructions.
3. Payment may be wire-transferred to the vendor's bank account. The vendor must call (352) 521-4599 for detailed instructions.

PAYMENT TERMS AND DISCOUNTS

Unless otherwise indicated in the bid documents, payment terms will be net forty-five (45) days. Terms not consistent with this provision are not acceptable and may be cause for rejection. Pasco County will pay the contractor within forty-five (45) days after the receipt of a correct invoice for reasonable work allocable to the contract or after the date of acceptance of work that meets contract requirements, whichever event occurs later. Payment(s) are considered effective on the date payment is mailed.

Discounts for prompt payment requiring payment by Pasco County within a stipulated number of days will be interpreted as applying within the stipulated number of calendar days after the date of receipt by Pasco County of a correct invoice describing reasonable work allocable to the contract or after the date of acceptance of work that meets contract requirements, whichever event occurs later. Discounts for payment in less than forty-five (45) days will not be considered during evaluation for award, but may be taken if applicable after award.

Payment for construction services will be in accordance with Chapter 218, Part VII, Florida Statutes (The Florida Prompt Payment Act).

PROCUREMENT REGULATIONS

A copy of the Pasco County Procurement Ordinance is available for review at Pasco County Purchasing Department, 8919 Government Drive, New Port Richey, Florida.

PUBLIC INFORMATION

Upon public opening of all bids or proposals presented to Pasco County as a result of this solicitation, any and all information contained therein is considered public and may be reviewed by any persons interested in doing so.

PURCHASE ORDER REQUIREMENT

Purchases of Pasco County are authorized only if a signed purchase order issued in advance of the transaction, showing that the ordering agency has sufficient funds available to pay for the service. Contractors providing services without a signed purchase order do so at their own risk. Pasco County will not be liable for payment for any services provided under the contract unless a valid purchase order has been issued to the contractor.

QUALIFICATIONS OF BIDDERS

The bidder may be required before the award of any contract to show to the complete satisfaction of Pasco County that it has the necessary facilities, ability, and financial resources to provide the service specified therein in a satisfactory manner. The bidder may also be required to give a past history and references in order to satisfy Pasco County in regard to the bidder's qualifications. Pasco County may make reasonable investigations deemed necessary and proper to determine the ability of the bidder to perform the work, and the bidder shall furnish to Pasco County all information for this purpose that may be requested. Pasco County reserves the right to reject any bid if the evidence submitted by, or investigation of, the bidder fails to satisfy Pasco County that the bidder is properly qualified to carry out the obligations of the

contract and to complete the work described therein. Evaluation of the bidder's qualifications shall include:

1. The ability, capacity, skill, and financial resources to perform the work or provide the service required.
2. The ability of the bidder to perform the work or provide the service promptly or within the time specified, without delay or interference.
3. The character, integrity, reputation, judgment, experience, and efficiency of the bidder.
4. The quality of performance of previous contracts or services.

QUALITY OF GOODS

All goods shall be new, in first class condition, and of the manufacturer's latest design of the model presently in production. All materials, supplies, and equipment furnished or services performed under the terms of this purchase order or contractual agreement shall comply with the requirements and standards specified in the Williams-Steiger Occupational Safety and Health Act of 1970 (Public Law 91-596), as well as other applicable Federal, State, and local codes. Equipment and materials furnished by the bidder having serious defects, corrosion, or scratches which tend to present an "other than new" appearance shall be promptly replaced or such defects promptly corrected by the bidder at no cost to Pasco County. Any existing Material Safety Data Sheets (MSDS) for the products, materials, supplies, or equipment being bid must be submitted with the bid. No product containing asbestos, lead paint, or polychlorinated biphenyl (PCB) in any form will be considered for award by Pasco County.

RECOVERY OF MONEY

Whenever, under the contract, any sum of money shall be recoverable from or payable by the contractor to Pasco County, the same amount may be deducted from any sum due the contractor under the contract or under any other contract between the contractor and Pasco County. The rights of Pasco County are in addition and without prejudice to any other right Pasco County may have to claim the amount of any loss or damage suffered by Pasco County on account of the acts or omissions of the contractor.

RIGHT TO AUDIT

The contractor shall maintain such financial records and other records as they relate to the purchase of goods and/or services by Pasco County from the subject vendor. The contractor shall retain these records for a period of three (3) years after final payment, or until they are audited by Pasco County, whichever event occurs first. These records shall be made available during the term of the contract and the subsequent three (3) year period for examination, transcription, and audit by Pasco County, its designees, or other authorized bodies.

RISK OF LOSS

Pasco County shall be relieved from all risks of loss or damage to goods during periods of transportation, manufacture, and the entire time the goods are in the possession of Pasco County prior to acceptance by Pasco County. At such time, the risk of loss or damage for goods shall pass to Pasco County. The bidder/contractor shall not be responsible for damage to the goods occasioned by negligence of Pasco County or its employees.

TABULATIONS

Solicitation results, plan holder lists, and related information may be retrieved from our website: www.PascoCountyFL.net. Click on "Bids," click on "closed solicitations," and look for the solicitation number in the appropriate year. Solicitation results will normally be available online within three (3) working days after opening. Lengthy tabulations may not be available online,

but may be viewed in the Purchasing Department. Plan holder lists will normally be available two (2) weeks prior to opening. Plan holder lists will be posted once, based on the information at the time, and will not be updated. Tabulations will not be given over the telephone or via fax.

TAXES

All bids shall be submitted exclusive of direct Federal, State, and local taxes; however, if the bidder believes certain taxes are properly payable, he/she may list such taxes separately in each case directly below the respective item bid price. Prices quoted must be in units specified, and shall not include the cost of any such taxes, including those on any material, supplies, or equipment used or installed in the work. Pasco County does not pay Federal Excise and Sales Taxes on direct purchases of tangible personal property. See Exemption Number on face of the resulting purchase order. This exemption does not apply to purchases of tangible personal property made by contractors who use the tangible personal property in the performance of contracts for improvement of County-owned real property. Please refer to Chapter 192, Florida Statutes.

UNSATISFACTORY WORK

If, at any time during the contract term, the service performed or work done by the contractor is considered by Pasco County to create a condition that threatens the health, safety, or welfare of the community, the contractor shall, on being notified by Pasco County, immediately correct such deficient service or work. In the event the contractor fails, after notice, to correct the deficient service or work immediately, Pasco County shall have the right to order the correction of the deficiency by separate contract or with its own resources at the expense of the contractor. Notwithstanding the above, Pasco County reserves the right to cancel a resulting contract, without cause, by giving thirty (30) days' prior written notice to the contractor of the intention to cancel.

END OF GENERAL PROVISIONS

SPECIAL PROVISIONS

In addition to the General Provisions of this solicitation, these Special Provisions, along with the specifications that follow, apply in like force to this solicitation and to any subsequent contract resulting therefrom.

INSURANCE REQUIREMENTS

The insurance required must be written by an insurer authorized to do business in the State of Florida and also have an "A" policyholder's rating and a financial rating of at least Class VIII in accordance with the most current *Best's Key Rating Guide*. Prior to the time the contractor is entitled to commence any part of the project, work, or services under this contract, the contractor shall procure, pay for, and maintain at least the following insurance coverages and limits. The said insurance shall be evidenced by delivery to Pasco County of 1) Certificates of Insurance executed by the insurers listing coverages and limits, expiration dates and terms of policies and all endorsements whether or not required by Pasco County, and listing all carriers issuing the said policies; and 2) upon request, a certified copy of each policy, including all endorsements. The insurance requirements shall remain in effect throughout the term of this contract.

1. Workers' Compensation in at least the limits as required by law; Employers' Liability Insurance of not less than One Hundred Thousand and 00/100 Dollars (\$100,000.00) for each accident. The contractor agrees to waive its right of subrogation as part of this coverage.
2. Three Hundred Thousand and 00/100 Dollars (\$300,000.00) Comprehensive General Liability Insurance including, but not limited to, Independent, Contractor, Contractual, Premises/Operations, Products/Completed Operation and Personal Injury covering the liability assumed under indemnification provisions of this contract, with limits of liability for personal injury and/or bodily injury, including death, of not less than Three Hundred Thousand and 00/100 Dollars (\$300,000.00), each occurrence; and property damage of not less than One Hundred Thousand and 00/100 Dollars (\$100,000.00), each occurrence. (Combined single limits of not less than Three Hundred Thousand and 00/100 Dollars [\$300,000.00], each occurrence, will be acceptable unless otherwise stated.) Coverage shall be on an "occurrence" basis, and the policy shall include Broad Form Property Damage coverage and Fire Legal Liability of not less than Fifty Thousand and 00/100 Dollars (\$50,000.00) per occurrence, unless otherwise stated by exception herein.
3. Comprehensive Automobile and Truck liability covering owned, hired, and nonowned vehicles with combined single limits of not less than Three Hundred Thousand and 00/100 Dollars (\$300,000.00), each occurrence. Coverage shall be on an "occurrence" basis, such insurance to include coverage for loading and unloading hazards.

Each insurance policy shall include the following conditions by endorsement to the policy:

1. Each policy shall require that thirty (30) days prior to expiration, cancellation, nonrenewal, or any material change in coverages or limits, a notice thereof shall be given to Pasco County by certified mail to: Pasco County Purchasing Department, 8919 Government Drive, New Port Richey, Florida 34654. The contractor shall also

notify Pasco County, in a like manner, within twenty-four (24) hours after receipt, of any notices of expiration, cancellation, nonrenewal, or material change in coverage received by the said contractor from its insurer; and nothing contained herein shall absolve the contractor of this requirement to provide notice.

2. Companies issuing the insurance policy, or policies, shall have no recourse against Pasco County for payment of premiums or assessments for any deductibles that all are at the sole responsibility and risk of the contractor.
3. The term "County" or "Pasco County" shall include all Authorities, Boards, Bureaus, Commissions, Divisions, Departments, and Offices of County and individual members, employees thereof in their official capacities, and/or while acting on behalf of Pasco County.
4. Pasco County BCC shall be endorsed to the required policy or policies as an additional named insured.
5. The policy clause "Other Insurance" shall not apply to any insurance coverage currently held by Pasco County to any such future coverage, or to Pasco County's self-insured retentions of whatever nature.

PUBLISHED PRODUCT SPECIFICATIONS

The bidder must submit a copy of the manufacturer's published and advertised specifications for the offered products(s). Failure to provide these specifications may be cause for bid rejection. If the County is unable to verify compliance with the specifications, the bid(s)-in-question may be rejected. The County's inability to verify responsiveness may result in a determination of nonresponsiveness.

TRANSPORTATION AND PACKING

Prices quoted shall be net, including transportation and delivery charges fully prepaid by the seller, f.o.b. Land O' Lakes, Florida. No additional charges will be allowed for packing, packages, or partial delivery costs. By submitting their bids, all bidders certify and warrant that the price offered for f.o.b. destination includes only the actual freight rate costs at the lowest and best rate and is based upon actual weight of the goods to be shipped. Standard commercial packaging, packing, and shipping containers shall be used, except as otherwise specified herein.

END OF SPECIAL PROVISIONS

**CONTRACTOR SCOPE OF WORK
PASCO COUNTY JAIL - LAND O' LAKES, FLORIDA
INTERCOM SYSTEM UPGRADES**

SPECIFICATIONS

SCOPE

This scope of work is an instructional guide for the contractor to perform the work according to all design documents including this scope.

1.0 PROJECT DESCRIPTION

The purpose of this project is to replace the existing intercom systems in the Central Control Room and "B" Pod Control Room for the Pasco County Jail/Detention Central located at 2011 Central Boulevard, Land O' Lakes, Florida. The work shall include but not be limited to, all labor, materials, permitting, accessories, supplies, tools, equipment, freight, delivery, handling, daily off-site disposal, and supervision required to replace the existing intercom system complete and ready for immediate and continuous use. The work may require weekend or evening hours.

1.1 General Requirements:

1.1.1 Installed exposed cable shall not be permissible.

1.1.2 The contractor shall be responsible for furnishing and installing all conduit/raceway to achieve a complete and operational system.

1.1.3 Any exposed conduit, fittings, and/or boxes shall be manufactured of Rigid Galvanized Steel (RGS). Any concealed conduit, fittings, and/or boxes shall be manufactured Electrical Metallic Tubing (EMT).

1.1.4 The contractor shall be responsible for connecting all new components to the existing building power systems. The contractor shall coordinate the power circuit locations with the owner prior to performing the system upgrades.

1.1.5 The contractor shall be responsible for the identification of all intercom system circuits and verifying the integrity of each.

1.1.6 The contractor shall be responsible for furnishing and installing the exact quantities necessary to facilitate the replacement and upgrade of the intercom systems.

1.2 Central Control Room Intercom System Replacement:

1.2.1 Replace all existing intercom system components located in the Central Control Room. All replacement components shall be new and meet the technical requirements specified in Section 13714, Intercommunication System.

- 1.2.2 All intercom substations are existing and shall be connected to the new intercom system. The replacement intercom system shall be compatible with the existing intercom substations.
- 1.2.3 All existing components removed for replacement shall be inventoried and turned over to the owner.
- 1.2.4 Functionality of the existing intercom system shall be maintained with the new intercom system. The new intercom system shall annunciate the status of each intercom substation on the new intercom system Master Control Selector Panels and on the existing Central Control Room Graphical Control Panels.
- 1.2.5 The existing intercom system interfaces with the existing Bosch Allegiant closed-circuit video cross point matrix switcher. The interface is no longer operational. The Bosch Allegiant switcher interface shall be reestablished with the new intercom system. The contractor shall be responsible for identifying and programming the event video call up of the cameras associated with each intercom system substation.
- 1.2.6 Prior to upgrading the intercom system, the contractor shall test and verify the operation of all existing intercom substations components. Upon completion of the test, the contractor shall inform the owner of any nonoperational substations.
- 1.3 "B" Pod Control Room:
- 1.3.1 The new intercom system(s) in the "B" Pod Control Room shall be stand alone and dedicated to Pod "B" only.
- 1.3.2 Replace all existing intercom system components located in the "B" Pod Control Room. All replacement components shall be new and meet the technical requirements specified in Section 13714, Intercommunication System.
- 1.3.3 All existing intercom substations in "B" Pod, including each Housing Unit Cell and associated common areas, shall be replaced with new intercom substations and connected to the new intercom system. The new intercom substation mounting screw pattern shall match that of the existing substation. Modifications to the existing substation back-boxes shall not be permitted. Prior to procuring the new intercom substations, the contractor shall provide a sample intercom substation to ensure that the existing back-boxes will accommodate proper installation. The replacement intercom substations shall be provided to the owner for installation by the owner. Prior to the installation of the new substations, the contractor shall verify the integrity of each intercom substation circuit. Upon completion of the substation installation by the owner, the contractor shall test each intercom substation for proper operation. The contractor shall be responsible for coordinating the circuit integrity and substation operational test with the owner.
- 1.3.4 All existing components removed for replacement shall be inventoried and turned over to the owner.
- 1.3.5 As a minimum, two (2) Intercom Controllers (CPUs) shall be installed in the "B" Pod Control Room. One (1) CPU shall be installed and dedicated to the Housing Unit

Cell substations and one (1) CPU shall be installed and dedicated to the Housing Unit common area substations.

1.3.6 Functionality of the existing intercom system shall be maintained with the new intercom system. The new intercom system shall annunciate the status of each intercom substation on the existing "B" Pod Control Room graphical control panels.

1.3.7 Prior to upgrading the intercom system, the contractor shall test and verify the operation of all existing intercom substations components. Upon completion of the test, the contractor shall inform the owner of any nonoperational substations.

2.0 SCOPE OF SERVICES

2.1 Procure and install all equipment and materials in accordance with the engineering specifications and NEC.

2.2 Provide submittals for review/approval by the County and its engineering representative prior to commencing material procurement or construction.

2.3 Coordinate with designated County representatives for access to the space in which the construction is to be performed.

2.4 Rectify any material or construction related issues as a result of a post construction site inspection by the engineer.

2.5 Provide certified "as-built" record markup drawings at the completion of the construction.

3.0 SPECIAL REQUIREMENTS

The contractor shall be licensed in the State of Florida as a minimum of an EF Alarm Contractor 1.

SECTION 13714

INTERCOMMUNICATIONS SYSTEM PART 1 - GENERAL

1.0 **PART 1 - GENERAL**

1.1 **SUMMARY**

Section Includes:

- 1.1.1 This section provides specifications for the intercom system. The intercom system consists of devices that provide two (2) way voice communication with remote intercom stations and a central point of contact.
- 1.1.2 This section includes specifications for upgrade of the existing voice communication subsystems in Pod B and in the facility Central Control, which integrates the slave intercom stations into the existing closed circuit television system (CCVE) and the existing graphic panel controls.
- 1.1.3 Electronic automated security management/control system.

1.2 **SCOPE**

The contractor shall furnish all labor, services, equipment, and materials to upgrade the existing intercom system at Location No. 353, Pasco County Sheriff's Office, Land O' Lakes Detention Center, 20101 Central Boulevard, Land O' Lakes, Florida. All work shall be performed according to material manufacturer's recommendations and in accordance with these specifications. The work shall include, but not be limited to, all labor, materials, permitting, accessories, supplies, tools, equipment, freight, delivery, handling, disposal off-site daily, and supervision required to replace the intercom system complete and ready for immediate and continuous use. The work may require weekend or evening hours.

1.3 **SPECIAL REQUIREMENTS**

- 1.3.1 Obtain all necessary permits. Permit fees shall be included in the bid.
- 1.3.2 Schedule a preinstallation meeting with Facilities Management Department, Mike Ball, Assistant Maintenance Supervisor, to determine works schedule.

1.3.3 The contractor shall provide information required by the Pasco County Sheriff's Office for "Request for Background Check" at the preinstallation meeting. The required information of each person working at the site is as follows:

1.3.3.1. Company Name.

1.3.3.2. Birth Name: (Name on Birth Certificate)

1.3.3.3. S.S.#: XXX-XX-XXXX

1.3.3.4. Date of Birth: XX/XX/XXXX

1.3.3.5. Sex: Male or Female

1.3.3.6. Race: White, Black, etc.

1.4 **SYSTEM DESCRIPTION**

1.4.1 Voice communication subsystem: integrate the slave intercom stations into the existing CCVE system and existing graphic control panel(s) in Pod B and in Central Control.

1.4.2 Design Requirements:

1.4.2.1. Create program base that will permit each slave intercom station to activate the Intercom Controller system for LED display on the existing graphic control panel(s) indicating the location of the call. Voice communication will be via the master station.

1.4.2.2. Provide intercom stations that are tamper resistant and rated for use in corrections/institutional environments.

1.4.2.3. Provide integration into the Intercom Controller system for audible annunciation at the slave station.

1.4.2.4. Provide a design that will permit "station" calling and separate "zone calling" and "all zone calling" from the graphic control panel(s).

1.4.2.5. Provide for separate operator adjustable volume level adjustments from the graphic control panel.

1.4.2.6. Communications and I/O functions between Pod B and the Central Control shall utilize existing data network cabling.

1.4.3 Performance Requirements:

1.4.3.1. Design the system to permit the maximum speech intelligibility achievable.

1.4.3.2. Incoming intercom calls must be individually and numerically identified and by symbol on the existing graphic control panel(s) floor plan display.

1.5 **SUBMITTALS**

1.5.1 Submit Shop Drawings and Product Data:

1.5.1.1. Submit data consisting of shop drawings and catalog cut sheets complete with technical data required by the engineer to evaluate the material or equipment.

1.5.1.2. Include dimensions, wiring and block diagrams, performance data, ratings, control sequences, ladder logic programming, operational characteristics, and all other descriptive data necessary to describe the items proposed.

1.5.2 Submittal review is considered as general acceptance of the basic applicability of the equipment. The contractor is responsible for the installation of the equipment and/or alternate arrangement of the equipment within a given space. When the contractor desires to use substituted equipment, he shall be responsible for producing his own coordinated working drawings which depict the substituted equipment accommodated in the space. Where substituted equipment creates the need for alterations to any portion of the work depicted in the contract documents, it shall be the contractor's responsibility to notify all the affected parties and coordinate these items with all other trades. Further, it shall be the contractor's responsibility to assume any additional cost to the contract created by the substituted equipment.

1.5.3 All materials and equipment that the contractor proposes to furnish shall be submitted to the architect/engineer for review and shall comply with the requirements of this section. Data shall be complete in all respects. Partial or incomplete submittals are not acceptable.

1.5.4 The contractor further agrees that if deviations, discrepancies, or conflicts between the shop drawings and the specifications are discovered, either prior to or after shop drawing submittals are processed by the engineer, the design specifications shall control and be followed. Review of submittal data shall in no way relieve the contractor of his duty to perform all work and provide all equipment in strict compliance with the requirements set forth on the specifications herein.

1.5.5 The contractor shall submit detailed shop drawings for approval of all equipment to be constructed and installed. Such shop drawings shall be complete, giving all required information, and shall be properly checked and coordinated with the work of other trades before submission. No work shall be performed until application shop drawings and layout drawings have been approved by the engineer.

1.5.6 Submit Shop Drawings:

1.5.6.1. Include dimensions, wiring and block diagrams, conduit sizes, performance data, ratings, control sequences, and all other descriptive data necessary to describe the item proposed and its operating characteristics.

- 1.5.6.2. Shop drawings shall include complete scaled floor plans of the area of construction and shall include locations of all equipment and devices to be installed.
- 1.5.7 Submit complete technical data necessary to evaluate the material and equipment. Include a complete technical specification for the submitted equipment, noting differences and adherence to this section.
- 1.5.8 Submit a list of at least ten (10) facilities of equal size and technical requirements utilizing the equipment submitted. For each facility list the following:
 - 1.5.8.1. Name and location of facility.
 - 1.5.8.2. Date of occupancy by the owner.
 - 1.5.8.3. Owner's representative to contact and telephone number.
 - 1.5.8.4. Construction Manager or General Contractor.
 - 1.5.8.5. Architect.
 - 1.5.8.6. Provide information on the installed locations with operational equipment.
- 1.5.9 Submit a certified financial statement from the equipment manufacturer and security system integrator/installer.
- 1.5.10 For equipment mounting requiring coordination with other trades, obtain templates and equipment anchor bolts for mounting preparation, e.g., back-boxes, cabinets, or other devices requiring mounting to structure(s) or other materials. Coordinate delivery of templates and equipment anchor bolts to preclude any delay in the construction schedule or the work of the affected trade.
- 1.5.11 Prior to substantial completion, provide 'project record' schematic drawings depicting location of interface, number of conductors and types of connectors, circuit requirements, and type of enclosure.

1.6 **QUALITY ASSURANCE**

- 1.6.1 Qualifications of the manufacturer: Documented successful work experience of at least ten (10) facilities of equivalent size and technical requirements utilizing the equipment proposed to be used.
- 1.6.2 The intercommunications system integrator/installer shall have no less than five (5) years of documented work experience on projects of equivalent size and similar scope.

"Experience" is defined as the completion of an operational voice intercommunications system, with the system being successfully operated by the owner for its intended purpose for at least one (1) year.

- 1.6.3 The system and its components must be manufactured by a company engaged in the manufacturing of the specific equipment for a minimum of five (5) years.
- 1.6.3.1. Use the products of a single manufacturer for similar type equipment, i.e., intercom stations, amplifiers, etc.
- 1.6.3.2. Use products made by companies regularly engaged in the manufacturing of the type of equipment specified.
- 1.6.4 Equipment specifications may not deal individually with every part, control, or device which may be required to produce the equipment performance specified or as required to meet the equipment warranties. Include such items, as required, for a complete operational system, whether or not specifically indicated.
- 1.6.5 Coordinate with other applicable trades in the submittal of shop drawings.
- Shop drawings shall detail space conditions to accommodate other concerned trades, subject to final review by the engineer.
- 1.6.6 If installation of equipment, raceways, cable trays, and/or conduit is performed prior to coordination with other trades which interferes with the work of other trades, make the necessary changes to correct the condition at no additional cost to the owner.
- 1.6.7 Regulatory Requirements:
- 1.6.7.1. National Electric Code (NEC).
- 1.6.7.2. National Fire Protection Association (NFPA).
- 1.6.7.3. Underwriters Laboratories (UL).
- 1.6.7.4. Americans with Disabilities Act (ADA).
- 1.6.7.5. Uniform building code (UBC).
- 1.6.7.6. Regulations of the:
- a. Federal Government.
- b. State of Florida.
- c. County of Pasco.
- 1.6.8 Coordinate equipment submittals with construction schedules.
- 1.7 **RECORD DOCUMENTS**
- Provide complete project record drawings identifying system architecture and component distribution.

1.8 **WARRANTY**

1.8.1 Warranty period: one (1) year commencing from the date of the final acceptance.

1.8.2 The contractor shall agree to repair or replace defective security components/materials and to correct defective work when given notice during the warranty period.

1.8.3 Warranty response time is to be within twelve (12) hours upon receipt of the request from the owner during normal working hours.

1.9 **PRODUCT DELIVERY, STORAGE, AND HANDLING**

1.9.1 Protect materials stored on the job site, protect materials during construction and after installation, and provide protection of equipment until time of substantial completion.

1.9.2 Provide and apply protective material immediately upon receiving the products and maintain throughout the construction process.

1.9.3 Keep the products clean and dry, elevating equipment above the ground and floor.

1.9.4 Take precautions to protect apparatus and materials from damage.

1.9.5 Failure to protect materials constitutes sufficient cause for rejection of the apparatus or material.

1.9.6 Protect the factory finish from damage during construction operations and until final acceptance. Restore finishes that become stained, scratched, or damaged.

1.10 **EXTRA MATERIALS**

Provide the owner with:

1.10.1 One (1) preamplifier to be maintained as a spare.

1.10.2 One (1) amplifier to be maintained as a spare.

1.10.3 Two (2) slave intercom stations of each type to be maintained as spares.

1.10.4 Six (6) headsets and connecting plugs as spares.

1.10.5 Six (6) handsets and connecting plugs as spares.

1.10.6 One (1) factory box for each component, addressed to the manufacturer to facilitate factory return for repair.

1.10.7 Written procedures for obtaining return authorizations. (If not required, state so in writing.)

1.10.8 Two (2) paging speakers to be maintained as spares.

1.11 **PROJECT CONDITIONS**

Active services: protect existing active services, water, gas, sewer, and electric, when encountered, against damage. If active services are encountered which require relocation, notify the architect promptly in writing with a copy to the owner's designated representative.

2.0 **PART 2 - PRODUCTS**

2.1 **MANUFACTURERS**

Acceptable manufacturers of intercom and paging equipment:

2.1.1 Telcor: (630) 236-8400.

2.1.2 No Substitutions.

2.2 **SLAVE STATIONS**

2.2.1 Design basis: ICS-3A Security Intercom (Slave) Stations.

2.2.2 Interconnect slave intercom stations through the Intercom CPU input/outputs with automatic and manual switching of associated camera call-up and LED annunciation.

2.2.3 Activation of the slave intercom call-button will generate an event at the assigned intercom CPU and display(s) intercom station on the graphic control panel display.

2.2.4 The slave station call buttons are to be double-pole, single-throw, momentary dry contacts which are moisture and damage proof. The switch is to be attached by an internal bracket that protects the switch against the call button being overdriven, thus preventing damage and/or permanent contact closure.

2.2.5 The slave intercom is to have a variable power rating of one (1) to five (5) watts.

2.2.6 The slave intercom is to consist of a water and flame resistant, four-inch cone-type speaker/microphone with a high-efficiency driver. The slave intercom shall be designed for a correctional/institutional environment with "torx and peg" type security hardware. It shall be mounted on a $\frac{1}{8}$ -inch stainless steel plate sized to cover any gaps resulting from rough-in of back-box and flush mount to a standard six-inch square back-box or security metal door frame.

2.2.7 Slave intercom units assigned to outdoor locations must be weatherproof with windscreen protection of the microphone.

2.3 **INTERCOM SYSTEM GRAPHICS**

2.3.1 Activation of a slave station call button will cause the intercom icon/token of the station to illuminate by flashing the LED on the Graphic Panel floor plan.

2.3.2 Upon operator acknowledgement of the incoming call or connection to the location from which the call was generated, the LED will be illuminated steady on the graphic control panel.

2.3.3 The slave station LED lamp will extinguish on the graphic floor plan when the call is disconnected.

2.4 **FREQUENCY RESPONSE**

As a minimum: 400 to 4000 Hz.

2.5 **DISTORTION**

Maximum allowable distortion: two (2) percent.

2.6 **DECIBELS (DB)**

2.6.1 Sound level: adjustable to at least 109.5 dBa (42/1 kHz, 5 watts).

2.6.2 Microphone sensitivity: -26 dBm (Ref. 1 kHz, 10 dynes/cm³).

2.7 **EVENT PRIORITY LEVEL**

Each slave intercom station location will be user-programmable for assignment of the event priority level; i.e., normal/emergency condition).

2.8 **INTERCOM CONTROLLER (CPU)**

2.8.1 Design basis: Telecor, T3-SC Intercom Controller.

2.8.2 The Intercom Controller shall be a microprocessor-based unit, containing the resident processor, memory, control, and audio circuitry required for the communication system. The Intercom Controller shall be designed for use with associated Termination Board Units and Master Control Consoles. The Intercom Controller system shall accommodate a maximum of 31 Terminal Board Units (TBUs) and 31 Master Control Consoles.

2.8.3 The Intercom Controller shall provide for two-way communications between control consoles and intercom stations. Call-ins from intercom stations shall be able, through programming, to contact any of the control consoles. Intercom stations shall be able to include up to four (4) call switches for annunciating different priority levels and signaling different intercom consoles. An unlimited amount of press and press-and-hold patterns shall be able to be programmed and assigned to the call switches, or a combination of call switches. Patterns shall allow for a greater range of consoles to be signaled or additional priority levels to be annunciated. The Controller shall offer a maximum of 254 priority levels.

2.8.4 The Intercom Controller shall offer programmable privacy, whereby the ability of an intercom station to enter privacy mode shall be enabled through programming. The Controller shall allow the privacy to be overridden for individual intercom stations by select personnel, or in the event of a critical situation.

- 2.8.5 Each intercom station shall have the capability to be electronically adjusted for "talk level" and "listen response." This shall eliminate the need to physically retap speakers and shall provide for optimum listen intelligibility at the console. Adjustments shall be able to be heard in real time. Automatic gain control on intercom speech shall assure a constant speech level. The Controller shall be able to supervise speaker lines and call-in lines for faults. Testing for speaker lines shall be able to be conducted each time the line is used or shall be conducted manually by a Control Center operator. Call-in lines shall be supervised continuously, whereby if a failure occurs, it shall be reported immediately.
- 2.8.6 The Controller shall include a port for the connection of an external 25V audio signal, which shall allow audio programs to be distributed to all intercom station speakers in an idle state. The OFF bus operation shall be in a "fail safe" mode, whereby even if the Controller is powered off, the audio will be transmitted to all intercom stations. The fail safe mode of the OFF bus shall be suited for an emergency page signal from an auxiliary system.
- 2.8.7 The Controller shall be designed to interface to the existing Bosch Allegiant CCTV cross point matrix switcher via RS232 port. This shall allow for integration between the Intercom Controllers and the CCTV system for the building areas under the scope of work specified herein. With integration, the Controllers shall have control of intercom event call up of the associated CCTV cameras.
- 2.8.8 All user-programmable data shall be stored in nonvolatile FLASH memory to prevent memory loss during a power failure. The Controller shall be capable of mounting into any standard nineteen (19) inch equipment rack. It shall be powered from an internal power supply unit.

2.9 **PANEL MOUNTED MASTER CONTROL CONSOLE**

- 2.9.1 Design basis: Telecor, MCC-PL/MCC-PL-GM Panel Master Control Console.
- 2.9.2 The console shall provide the means to conduct communications in the intercom system from a standard nineteen (19) inch rack-mount panel. The console shall consist of a panel-mounted speaker for talk and paging, a loudspeaker for listen, a volume control for adjusting the listen audio, a push-to-talk (PTT) button to control the direction of audio (talk/listen), and a cancel button to terminate calls. Lamp driver circuitry shall illuminate the PTT and cancel buttons during operation. The loudspeaker shall be able to have its volume digitally adjusted with two (2) external buttons (increase and decrease) programmed through software. A built-in speakerphone chip on the circuit board and a VOX circuit on the Intercom Controller shall allow for hands-free, two (2) way communication.
- 2.9.3 Serial data communications between the Intercom Controller and the console shall permit them to be remotely located from the T3-SC. Each console shall be equipped with an input port and an output port that will allow it to be connected to the Controller and other consoles in a daisy-chain arrangement. The overall total cable length of the connected consoles shall be up to 3,000 feet.

2.10 **MASTER CONTROL CONSOLE SELECTOR PANEL**

- 2.10.1 Design basis: Telecor, MCC-SP Master Control Console Selector Panel.
- 2.10.2 The selector panel shall be designed for use with the Intercom Controller to control communications of up to twenty-five (25) intercom stations. The selector panel shall be equipped with twenty-nine (29) pushbutton switches, twenty-five (25) of which shall control functions with twenty-five (25) corresponding intercom stations. Each intercom station switch shall answer a call-in, place a call, and end a call.
- 2.10.3 The switch panel shall include three (3) auxiliary switches that are custom-programmable for the end-user's preference including:
- 2.10.3.1. Placing a call on hold.
 - 2.10.3.2. Transmitting an all-call page.
 - 2.10.3.3. Conducting a sequential listen of intercom stations.
- 2.10.4 Each of the twenty-five (25) intercom station switches shall also have an associated tri-color LED, which shall operate in a distinct pattern to indicate call status. The LED shall:
- 2.10.4.1. Blink red to indicate a call-in.
 - 2.10.4.2. Light solid green to indicate a connected call.
 - 2.10.4.3. Blink yellow when a call is put on hold.
- 2.10.5 The switch panel shall operate in conjunction with the panel-mounted master control console to place and answer calls. The selector panel shall work in conjunction with the input TBUs and the LED/lamp TBUs. The selector panel shall be connected via ribbon cables to these TBUs.
- 2.10.6 The selector panels shall be mounted onto standard nineteen (19) inch rack-mount assemblies for installation into the Central Control Room's existing graphical control panels.

2.11 **INPUT TERMINATION BOARD UNIT (TBU)**

- 2.11.1 Design basis: Telecor, T3-TBU-30/31 Input Termination Board Units.
- 2.11.2 The input TBU shall be designed to detect contact closures from external devices in an intercommunication system. The TBU shall be available in the following configurations:
- 2.11.2.1. The TBU shall include twenty-five (25) input ports utilizing 0.100 header pins. It shall be designed for the connection of discrete devices or for a graphic panel that does not support a ribbon cable connection of its switches.

- 2.11.2.2. The TBU shall include twenty-five (25) input ports utilizing a ribbon cable connector. It shall be designed for the bulk connection of devices or for the switch panel or a graphic panel that supports a ribbon cable connection of its switches.
- 2.11.2.3. Each port shall be capable of detecting open-circuit, voltage level 1, 2, 3, and closed-circuit conditions. The voltage levels shall be set by resistors installed onto the switch contact circuits. Any one of the five (5) conditions shall be capable of being programmed as the inactive condition, which shall allow the remaining four (4) to be used for signal detection. This shall allow up to 100 devices to be connected to a single input TBU.
- 2.11.2.4. The input TBU shall analyze an unlimited amount of press and press-and-hold patterns on each input port. Each pattern detected on an input port shall initiate a separate function. The patterns shall be created with the Intercom Controller software application to allow the user flexibility in determining how the functions are executed.
- 2.11.2.5. Serial data communications between the Intercom Controller and the input TBU shall permit the input TBU to be remotely located from the Controller. Each input TBU shall be equipped with an input port and an output port that will allow it to be connected to the Controller and other TBUs in a daisy-chain arrangement.
- 2.11.2.6. The TBU shall be snap-in, rail-mounted inside the Housing Unit "B" graphical control panels.
- 2.11.2.7. The input TBU shall be housed in half of a nineteen (19) inch TBU chassis suitable for rack mounting into the Central Control Room equipment cabinet.

2.12 **LED/LAMP TERMINATION BOARD UNIT**

- 2.12.1 Design basis: Telecor, T3-TBU-30/31 Input Termination Board Units T3-TBU-50/51/52/53 LED/LAMP Termination Board Units.
- 2.12.2 The TBU shall be available in the following configurations:
 - 2.12.2.1. The LED/lamp TBU shall support twenty-five (25) single, dual, or tri-color 5V LEDs terminated via header pins.
 - 2.12.2.2. The TBU shall support twenty-five (25) lamps (5V to 24V) terminated via header pins.
 - 2.12.2.3. The TBU shall support twenty-five (25) single, dual, or tri-color 5V LEDs terminated via ribbon cable connectors.
 - 2.12.2.4. The TBU shall support twenty-five (25) lamps (5V to 24V) terminated via ribbon cable connectors. The TBU shall be used for the bulk connection of a graphic panel's LEDs/lamps through ribbon cable connectors.

- 2.12.3 The TBU and the TBU with header pins shall be used for the individual connection of LEDs/lamps located separately from each other, or for graphic panels that do not support ribbon cable connections. The LED/lamp TBU shall incorporate a pair of header pins to connect an external power supply required to drive the LEDs/lamps.
- 2.12.4 Serial data communications between the Intercom Controller and the LED/lamp TBU shall permit the LED/lamp TBU to be remotely located from the Controller. Each LED/lamp TBU shall be equipped with an input port and an output port that will allow it to be connected to the Controller and other TBUs in a daisy-chain arrangement.
- 2.12.5 The LED/lamp TBU shall be snap-in, rail-mounted inside the Housing Unit "B" graphical control panels.
- 2.12.6 The LED/lamp TBU shall be housed in half of a nineteen (19) inch TBU chassis suitable for rack mounting into the Central Control Room equipment cabinet.

2.13 **SWITCHING/AMPLIFIER**

- 2.13.1 Design basis: Telecor, TEL-60, 60 Watt Amplifier.
- 2.13.2 The intercom system amplifier and switching equipment will be configured for standard EIA nineteen (19) inch rack mounting.
- 2.13.3 The electronic components are to be on printed circuit boards with plug-in connectors for easy maintenance and replacement.
- 2.13.4 Preamplifiers and amplifiers as needed for proper system operation.
- 2.13.5 Each operator's position is to have its own amplified speech path.
- 2.13.6 The amplifier shall be provided with both 600 Ohm balanced and 10 K Ohm unbalanced inputs. The input sensitivity shall be selectable, 100mV or 1000mV, by means of a rear panel selector switch. A "low cut" switch shall be provided on the rear panel to attenuate low frequency signals below 100 Hz. The output shall be transformer isolated with 4 Ohm, 8 Ohm, plus 25 V; and 70 V constant voltage taps.
- 2.13.7 The amplifier shall incorporate a 30 dB range VU meter, with 10 LEDs providing a 3 dB resolution scale in the display. A "clip" indicator shall be employed to indicate excessive input levels or an overloaded output condition.
- 2.13.8 The amplifier shall incorporate current limiting protection circuitry which activates whenever the amplifier is overloaded, either by overdriving or by connection to an excessive load or by a short circuit, limiting current to the speaker load. An LED shall be provided to indicate the presence of an overload condition.
- 2.13.9 Thermal sensors shall be employed to detect excessive heat buildup and automatically shut the amplifier down, preventing any damage to internal components. The heat sink temperature shall be monitored and a warning LED shall illuminate in event of an unusual temperature rise.

3.0 **EXECUTION**

3.1 **COORDINATION**

3.1.1 Coordinate with all other trades in the submittal of shop drawings . Shop drawings shall detail space conditions to the satisfaction of all concerned trades, subject to final review by the architect. If installation of equipment, raceways, cable trays, and/or conduit is performed prior to coordination with other trades and interferes with the work of other trades, make the necessary changes to correct the condition at no additional cost to the owner.

3.1.2 If installation of equipment, raceways, cable trays and/or conduit is performed prior to coordination with other trades, which interferes with work of other trades, make necessary the changes to correct the condition at no additional cost to the owner.

3.1.3 Coordinate intercom station designations with room/call numbers indicated on the existing graphic control panels and master stations with the owner.

3.2 **INSTALLATION**

3.2.1 Install equipment/devices with "torx and peg" type security hardware in accordance with the manufacturer's specifications.

3.2.2 Use suitable methods and lubricating compounds on cables and wires to prevent damage to cables and wires during plug-in. Provide compounds that are not injurious to the cable and wire jackets and that do not harden or become adhesive.

3.2.3 Make cable splices in tamper-resistant, accessible, junction boxes.

3.2.4 Use back-boxes that will ensure square and level faceplate installation.

3.3 **TESTING**

3.3.1 Test volume levels and adjust remote intercom devices.

3.3.2 Test all switching equipment.

3.4 **OPERATION TRAINING AND MAINTENANCE DATA**

3.4.1 Prior to acceptance of the work, demonstrate to the owner's designated representatives, contractor, engineer, and representatives of the authorities having jurisdiction the features and functions of the system and the subsystems. Instruct the owner and designated representatives in the proper operation and maintenance of the system.

3.4.2 Provide operation parts and maintenance manuals clearly defining operation and trouble-shooting methods.

3.4.3 Furnish the necessary trained personnel to perform the demonstration and instructions, and arrange to have the manufacturer's representatives present to assist with the demonstrations.

- 3.4.4 Allow a minimum of sixteen (16) hours for performing the prescribed demonstrations/training.
- 3.4.5 Arrange with the owner's designated representative the date and times for performing the demonstrations.
- 3.4.6 The owner will select the date and time for demonstration.

END OF SPECIFICATIONS

BID FORM

Business Name: _____

Item No.	Description	Lump Sum Bid
1.	Replace existing intercom systems in the Central Control Room and "B" Pod Control Room for the Pasco County Detention Center located at 2011 Central Boulevard, Land O' Lakes, Florida. All work shall include labor, materials, permitting, accessories, supplies, tools, equipment, freight, delivery, handling, disposal off site daily, and supervision.	_____

Manufacturer: _____

Warranty: _____

Begin work within _____ days after receipt of Purchase Order

Complete work _____ days after start.

"We offer to sell/provide Pasco County, Florida, the above item(s) and/or service(s) at the price(s) stated, in accordance with the terms and conditions contained herein. In addition, the item(s) and/or service(s) offered above meet all specifications contained herein or attached, unless otherwise stipulated by exception. This offer to sell/provide is firm for ninety (90) days."

MUST BE SIGNED BY AN OFFICER OF THE FIRM OR INCLUDE WRITTEN PROOF THAT THE INDIVIDUAL SIGNING HAS THE AUTHORITY TO OBLIGATE THE FIRM.

(Signature of Bidder—Ink)

(Printed Name and Title)

(Business Name)

Receipt of Addendum No. _____ through No. _____ is acknowledged.

Business Name: _____
(The Name on File with the Internal Revenue Service)

Doing Business as (Fictitious Name): _____

Business Organization:

Corporation:

Partnership: General Limited

Limited Liability Company (LLC):

State Registered In: _____ Year: _____

Sole Proprietorship: Owner: _____

Other: _____

Telephone: _____

Facsimile: _____

Address: _____

Date: _____, _____