

City of Starke

BID PACKAGE

for

RJE Renaissance Center Gymnasium Renovation Project – Phase III

Bid #: 2026-01

CDBG Grant #: 22CV-S47

Project Description:

This project requests bids for
Construction Services for RJE Renaissance Center Gymnasium
Renovation Project – Phase III
to be provided at the
RJE Renaissance Center Gymnasium located at
1080 Pine Street in Starke, Florida 32091.

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Part I:

Construction Contract Administration

Bid Notice/Advertisement for Bids - City of Starke

Bid #: 2026-01

CDBG Grant #: 22CV-S47

(Date of this Notice: January 14, 2026)

Notice is hereby given that the City of Starke, Florida, will accept sealed bids until **2:00 PM (local time), February 17, 2026** for the following project:

Project Description: The City of Starke requests bids for Construction Services for RJE Renaissance Center Gymnasium Renovation Project – Phase III to be provided at the RJE Renaissance Center Gymnasium, which is located at 1080 Pine Street, Starke, Florida 32091. The bidder that submits the lowest responsive and responsible bid will be awarded the service contract.

At **2:00 PM (local time), February 17, 2026**, the bids will be opened and read aloud at the City of Starke City Hall located at 209 North Thompson Street, Starke, Florida 32091.

Please submit one (1) original and three (3) copies of your bid in a sealed envelope reflecting on the outside thereof the bidder's name and "**Sealed Bid for the City of Starke: Construction Services for RJE Renaissance Center Gymnasium Renovation Project – Phase III, Bid #: 2026-01**". The City will consider all bids properly submitted at its scheduled Bid Opening.

A mandatory pre-bid meeting will be held at the **RJE Renaissance Center Gymnasium, 1080 Pine Street, Starke, FL 32091**.

Date of Pre-Bid Meeting: **February 4, 2026**

Time of Pre-Bid Meeting: **2:00 PM**

Copies of the bid package may be requested at no cost from Becky May at bmay@cityofstarke.org.

The City of Starke shall be the sole judge of the bid and the resulting agreement that is in its best interest, and its decision shall be final. All bidding and award procedures undertaken by the City regarding this project shall be consistent with the City's adopted procurement procedures and with the rules and regulations of the Florida Small Cities Community Development Block Grant Program. Bid prices shall remain in effect for 90 days after bid opening.

All bids should be addressed as follows:

City of Starke

Becky May, Grants Coordinator

209 North Thompson Street

Starke, Florida 32091

Sealed Bid for the City of Starke

Construction Services for RJE Renaissance Center Gymnasium

Renovation Project – Phase III

Bid #: 2026-01

The City of Starke is a Fair Housing, Equal Opportunity, Handicap Access jurisdiction.

Information for Bidders

1. Receipt & Opening of Bids: City of Starke (herein called the "Owner"), invites bids on the form attached hereto, all blanks of which must be appropriately completed. Bids will be received by the Owner until **2:00 PM (local time), February 17, 2026** and then at said office publicly opened and read aloud.
2. The Owner may consider informal any bid not prepared and submitted in accordance with the provisions thereof and may waive any informalities or reject any and all bids. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered.
3. Preparation of Bid: Each bid must be submitted on the prescribed forms (contained herein). All blank spaces for bid prices must be completed in ink or typewritten, in both words and figures, and all required Certifications must be fully completed and executed when submitted. Bid prices shall be good for 90 days after the bids are opened.
4. Subcontracts: The bidder is specifically advised that any person, or other party to whom it is proposed to award a subcontract under this contract must:
 - a. Be acceptable to the owner; and
 - b. Submit all certifications that are also required of the Prime Contractor, as contained herein. Approval of the proposed subcontract award cannot be given by the Owner unless and until the proposed subcontractor has submitted the Certifications and/or other evidence showing that it has fully complied with any reporting requirements to which it is or was subject.
5. Project Description: The City of Starke requests bids for Construction Services for RJE Renaissance Center Gymnasium Renovation Project – Phase III to be provided at the RJE Renaissance Center Gymnasium located at 1080 Pine Street, Starke, Florida 32091.
6. Qualifications: The selected bidder will need to document it has all required state and federal licenses to perform the services. The Owner reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the Owner that such bidder is **properly qualified and licensed** to carry out the obligations of the contract to complete the work.
7. Time of Completion & Liquidated Damages: Bidder must agree to commence work on a date to be specified in the written "Notice to Proceed", substantially complete with Certificate of Occupancy issued by May 15, 2026, and fully complete no later than May 29, 2026. Bidder must also agree to pay as liquidated damages, the sum of \$150.00 for each consecutive calendar day thereafter as hereinafter provided by this Bid Package and Contract. Bids will be awarded based on the lowest qualified bid as shown on the Bid Form.
8. Conditions of Work: Each bidder must inform himself/herself fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve a successful bidder of his/her obligation to furnish all material and labor necessary to carry out the provisions of this contract. Insofar as possible the Contractor, in carrying out the work, must employ such methods or means as will not cause any interruption of or interference with the work of any other contractor.

9. Addenda & Interpretations: No interpretation of the meaning of the plans, specifications or other Pre-Bid documents will be made to any bidder verbally. Every request for such interpretation should be made in writing, addressed to:

Becky May, Grants Coordinator
City of Starke
209 North Thompson Street
Starke, Florida 32091
bmay@cityofstarke.org

and to be given consideration, must be received at least five (5) days prior to the date fixed for the opening of bids. Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the specifications which, if issued, will be mailed or emailed to all prospective bidders (at the respective addresses furnished for such purposes), not later than 72 hours prior to the date fixed for the opening of bids. Failure of any bidder to receive any such addendum or interpretation shall not relieve such bidder from any obligation under the bid as submitted. All addenda so issued shall become part of the contract documents.

10. Payment Method: Payment will be made upon completion of the requested services after inspection and approval by Owner. For bids over \$200,000, progress payments can be arranged if bidder provides the bonds and assurances described herein.

Subcontractor Breakdown (*Proposed*)

[illegible]

Company

Project Name

Project Number

Company Officer (Signature)

Date _____

Preconstruction Report Format

Project Name: _____ Project Number: _____

Location: _____

Description of work to be Performed: _____

Contractor: _____ Contract Amount: \$ _____

Conference Date: ____ / ____ / ____ Place: _____

Participants:

Name	Title

Items Covered:

- Labor Standards
- Owner's Role & Responsibilities
- Housing & Urban Development
- Contractor's Role & Act of 1968, Section 3 Responsibilities
- Equal Opportunity Reporting Requirements
- Grant Compliance Requirements
- Other: _____

Notice to Proceed

To:

(Official Name of Contractor)

(Address of Contractor)

From:

(Name of Locality)

(Address of Locality)

Date:

Subject:

(Project Contract Number)

_____ (*Name of Contractor*), herein called the Contractor, is authorized to begin work on _____ (*Project Identified*) located at _____ (*Project Location*).

All work will be done as specified in Contract #: _____ (*Project Contract Number*) and the attachments thereto. Work will proceed on this job within _____ days from the date of this notification, unless otherwise specified. Work on this job is scheduled for completion on ____/____/____ (*Date*).

Prior to beginning construction, all permits and licenses required by Local, State, and Federal law shall be obtained by the Contractor, unless otherwise specified. The method of assessing liquidated damages for noncompliance with the project of said Contract is contained in Section(s) 4 and 6 of said Contract.

Authorized Local Official's Signature

Date of Signature

Type/Printed Name of Local Official

Notice of Award

To: _____

Date: _____

Project: _____

The Owner has considered the Bid Proposal submitted by you for the above-described project in response to its Advertisement for Bids dated _____ and Instructions to Bidders.

You are hereby notified that your bid has been accepted for items in the amount of \$_____.

You are required by the "Instructions to Bidders" to execute the Agreement and furnish the required Contractor's Performance Bond (if applicable), Payment Bond (if applicable), and certificates of insurance within 7 calendar days from the date of this Notice of Award to you.

If you fail to execute said Agreement and to furnish said Bonds (if applicable) within 7 calendar days from the date of this Notice of Award, said Owner will be entitled to consider all your rights arising out of the Owner's acceptance of your Bid Proposal as abandoned and as a forfeiture of your Bid Bond (if applicable). The Owner will be entitled to such other rights as may be granted by law.

You are required to return five duplicate originals acknowledged copies of this Notice of Award to the Owner.

Dated this _____ day of _____, 20_____.

_____, Florida, Owner

By: _____ Title: _____

Small Cities Community Development Block Grant Program

Change Order Number: _____

Project Number: _____ Date: _____

Owner: _____

Project Address: _____

Contractor: _____

Change Ordered: _____

Reason for Change Order: _____

CONTRACT AMOUNT

Original Contract Amount \$ _____

Previous Change Orders \$ _____

Change Order Addition \$ _____

Change order Deduction \$ _____

Revised Contract Amount \$ _____

This document shall become an amendment to the Contract, and all stipulations and covenants of the Contract shall apply hereto.

Contractor _____ Date _____

Owner (City/County) _____ Date _____

Engineer _____ Date _____

Grant Administrator _____ Date _____

Conflict of Interest Disclosure Form

For purposes of determining any possible conflict of interest, all bidders/proposers, must disclose if any City of Starke employee(s), elected officials(s), or if any of its agencies is also an owner, corporate officer, agency, employee, etc., of their business.

Indicate either “yes” (a city employee, elected official, or agency is also associated with your business), or “no” (a city employee, elected official or agency is not associated with your business). If yes, give person(s) name(s) and position(s) with your business.

Name	Position

Firm Name

By (Printed)

By (Signature)

Title

Address

Owner (City/County)

Date

Phone Number

Contract for Construction Services
- RJE Renaissance Center Gymnasium Renovation Project – Phase III -

THIS CONTRACT, entered into this _____ day of _____, 20____, by and between the City of Starke, Florida hereinafter called the "Owner", and _____, hereinafter called the "Contractor".

WITNESSETH:

WHEREAS, the Owner proposes to finance in whole or in part the cost of the construction services for RJE Renaissance Center Gymnasium Renovation Project – Phase III provided for in this Contract using Community Development Block Grant (CDBG) funds, and

WHEREAS, the Owner has accepted the Contractor's bid for the performance of such construction services, and the Owner desires to engage the Contractor to perform such construction services in accordance with the provisions of this Contract and applicable requirements of the CDBG Program.

NOW, THEREFORE, for the considerations stated hereinafter, the Owner and the Contractor do hereby mutually agree as follows:

GENERAL CONDITIONS

Section 1. Location

The location to receive the construction services pursuant to this Contract is located in the City of Starke at 1080 Pine Street, Starke, Florida 32091.

Section 2. Contract Documents

The Documents which comprise this Contract for construction services consists of the following documents:

Part I: Construction Contract Administration

Part II: Grant Compliance Requirements

Part III: Scope of Work and Bid Forms

Project Drawings from Paul Stresing Associates, Inc.

Addenda (Listed: _____)

Section 3. Contract Price

Upon satisfactory completion of the construction services as provided for in this Contract and related documents, the Contractor shall be paid the sum of \$ _____ (Price in writing: _____), hereinafter called the "Contract Price", unless the Contract Price has increased or decreased as per a written change order.

Section 4. Time of Completion & Liquidated Damages

Contractor agrees to commence work on a date to be specified in a written "Notice to Proceed" of the work and fully complete the project by the agreed upon date. Contractor also agrees to have the project substantially complete on the agreed upon date noted in the "Notice to Proceed." Contractor agrees also to pay as liquidated

damages, the sum of \$150 for each consecutive calendar day thereafter as hereinafter provided by this Bid Package and Contract. The Bidder will be expected to complete construction services for the site identified in this Bid Package by the date to be specified in a written "Notice to Proceed", or within a timeframe that is agreed to by Owner and Bidder.

The Contractor shall be responsible for scheduling the construction services, and for coordinating the operations of all trades, subcontractors, and suppliers engaged by the Contractor in connection with the work, in such manner as to assure the expeditious completion of the work.

Section 5. Scope of Work

The Contractor shall furnish all necessary materials, equipment, tools, labor and supervision necessary to perform in a competent and workmanlike manner, all of the construction services provided for in this Contract relating to the described structures. No work will be provided beyond that which is included in the Bid Form, unless a Change Order is approved by the Owner.

The Contractor shall report at once in writing to the Owner any error, omission, or inconsistency in the documents. Any necessary changes shall be adjusted by the appropriate Change Order. However, if the Contractor fails to report any error, omission, or inconsistency and installs work according to the error, omission, or inconsistency, the Contractor shall bear all liabilities and costs attributable to such work.

Section 6. This Section is Reserved.

Section 7. Permits & Codes

The Contractor shall, at his/her own expense, secure all necessary permits and licenses required in connection with the performance of the construction services provided for in this Contract and shall perform all such work in full compliance with the requirements of applicable codes, ordinances, and regulations of the local government.

Section 8. Insurance

The Contractor shall maintain in force, between the time that the Contractor commences the contractual work provided for in this Contract and the time that such work is completed, comprehensive public liability insurance protecting the Owner for not less than \$100,000/\$300,000 in the event of bodily injury, including death, and \$100,000 in the event of property damage arising out of the Contractor's operations under this Contract, whether such operations be by the Contractor, any subcontractors or suppliers engaged by the Contractor in connection with such operations, or anyone directly or indirectly employed by either the Contractor or such subcontractors or suppliers, and such insurance or other coverage as is required by Florida law governing Workman's Compensation. Before commencing the contractual work provided for in this Contract, the Contractor shall furnish the Agency with certificates showing that the required insurance is in force. The

Contractor's insurance policies shall also be submitted to the Agency for approval and shall be endorsed to provide that the policies will not expire or be cancelled or changed until ten (10) days after written notice of expiration, cancellation, or change has been delivered to the Agency.

The Owner shall also maintain in force during the same period a property and/or builder's risk insurance policy adequate to cover the existing property and the contractual services work against damage or loss for which the Contractor is not responsible. Coverage shall provide for perils of fire and extended coverage of other forms of damage and/or loss, to the full insurable value of the property.

Section 9. Accident Prevention

The Contractor shall exercise proper precaution at all times for the protection of persons and property and shall be responsible for damages to person or property, either on or off the site, which occur as a result of his/her execution of the work. The safety provisions of applicable laws and building and construction codes shall be observed, and the Contractor shall take or cause to be taken such additional safety and health measures as the Owner may determine to be reasonable and necessary.

Section 10. Care of Work

The Contractor shall keep the premises clean and orderly during the course of the contractual work and shall be responsible for the proper care and protection of all materials delivered and work performed until completion of the work. Materials and equipment that have been removed as part of the work shall belong to the Contractor, unless otherwise specified herein.

Section 11. Supervision of Work

The Contractor shall be responsible to the Owner for the acts and omissions of all his/her employees, and all subcontractors, their agents and employees, and all other persons performing any of the work under the Contract with the Contractor.

The Contractor shall at all times enforce strict and good order among his/her employees and shall not employ on the work any unfit persons or anyone not skilled in the task assigned to him/her.

The Contractor shall act as or employ a competent superintendent who shall regularly visit the project site during the progress of the work. The superintendent shall represent the Contractor and all communications given to the superintendent shall be as binding as if given to the Contractor. Important communications will be confirmed in writing. Other communications will be confirmed upon request in each case.

Section 12. Utilities

The Contractor will be responsible for providing any utilities that are required for his/her performance of the work.

Section 13. Contract Changes

No modifications of this Contract shall be made after its execution by the Contractor and the Owner except by written instrument signed by the Contractor, accepted by the Owner.

Section 14. Inspection

The Contractor shall permit inspection by the Owner and other appropriate officials in order to confirm that work is conducted in accordance with the terms and conditions of this contract, and that work is satisfactorily completed.

The Contractor shall also permit inspection by the Owner, the Florida Department of Commerce, and the United States Government of all contracts, materials, and payrolls and conditions of employment pertaining to the construction services being performed under this Contract.

Section 15. Payment of Contract Price

Full payment will be issued by Owner to Contractor upon completion of all work. Progress payments shall only be made for contracts over \$200,000 (and if Contractor has appropriate bonds and other assurances in place as specified by the Bid Package).

Section 16. Liens

At no time shall payment be due to the Contractor if there are outstanding liens or claims of liens on the job. Payment shall not be due until the Contractor provides all waivers or releases or liens, and satisfaction of any recorded lien, to the Owner, in care of the Agency.

The Contractor shall protect, defend, and indemnify the Owner from any claims for unpaid work, labor, or materials provided in performance of the Contract.

Section 17. Hold Harmless Clause

The Contractor shall indemnify and hold harmless the Owner and Owner's officials and employees from all liability and claims for damages because of bodily injury, death, property damage, sickness, disease, or loss and expense suffered or alleged to have been suffered by any person as a result of, or arising from, the Contractor's operations under this Contract, whether such operations be by the Contractor, any subcontractors or suppliers engaged by the Contractor in connection with such operations, or anyone directly or indirectly employed by either the Contractor or such subcontractors and suppliers.

Section 18. General Guaranty

No provision in the Contract Documents shall constitute an acceptance of work not done in accordance with Contract Documents or relieve the Contractor of liability in respect to any express warranties or responsibility for workmanship. The Contractor shall remedy any defects in the work and pay for any damage to other work resulting there from, which shall appear within a period of one year from the

date of final acceptance. The Owner will give notice of observed defects with reasonable promptness.

Section 19. Assignment of Contract

The Contractor shall not assign this Contract without prior written consent of the Owner.

Section 20. Owner's Right to Stop the Work

If the Contractor provides or fails to correct defective work or fails to supply materials or equipment in accordance with the Contract Documents, the Owner may order the Contractor to stop the work, or any portion thereof, until the cause for such order has been eliminated.

Section 21. Disputes

All disputes arising under this Contract or its interpretation, whether involving law or fact or both, or extra work, and all claims for alleged breach of Contract shall be presented in writing by the Contractor to the Owner within five (5) days of commencement of the dispute. Such claim shall state the facts surrounding the claim in sufficient detail to identify the claim, together with its character and scope. The Owner will provide a written decision within five (5) days. Any appeals of the Owner's decision shall be presented in writing within five (5) days to the chief executive officer of the local government. The decision on the appeal will be provided in writing within five (5) days and will be the final authority in dispute.

Section 22. Termination by Owner

The Owner may terminate this Contract:

- a. if the Contractor is adjudged bankrupt, or if he/she makes a general assignment for the benefit of his/her creditors, or if a receiver is appointed on account of his/her insolvency, or
- b. if the Contractor persistently or repeatedly refuses or fails to perform expeditiously, except in cases for which an extension of time is provided, or
- c. if the Contractor fails or refuses to provide work in accordance with the Contract, including any approved Change Order, or
- d. if the Contractor fails to make payment to subcontractors or suppliers for materials or labor, or
- e. if the Contractor persistently disregards laws, ordinances, rules, regulations or orders of any public authority having jurisdiction, or
- f. if the Contractor is otherwise guilty of a substantial violation of a provision of the Contract Documents, or
- g. if the Contractor knowingly uses employees or subcontractors that are not legally allowed to work in the United States.

If Owner determines that cause for termination exists, Owner shall immediately issue written notice to the Contractor. Such notice shall terminate the Contractor

after five (5) days unless the Contractor removes the cause for termination within five (5) days.

Upon termination of Contract, the Owner shall issue payment to the Contractor for the amount of work satisfactorily completed by the Contractor, subject to normal final payment procedures. The Owner may use the balance of the original contract amount at the time of termination to complete the work.

Contract termination procedures as outlined herein shall not prejudice any other right or remedy to which the Owner would be entitled.

Section 23. Termination by Contractor

The Contractor may terminate this Contract:

- a. if the work is stopped or to be stopped for a period of twenty (20) days or longer due to an act of God, or due to an order of an appropriate court through no fault of the Contractor, or
- b. if the work is stopped for a period of five (5) consecutive days due to failure of the Owner to provide necessary and reasonable information, services, or cooperation.

The Contractor shall present a written statement of cause for termination to the Owner. Such notice shall state the cause for termination and shall provide that the Contract shall automatically terminate upon five (5) days written notice unless the Owner removes the cause for termination within the five (5) days.

Upon termination of Contract, the Owner shall issue payment to the Contractor for the amount of work satisfactorily completed by the Contractor, subject to normal final payment procedures.

Section 24. Interests of Federal, State, & Local Officials

No member of or Delegate to the Congress of the United States, or Resident Commissioner, and no elected state official or state employee shall share in any proceeds of the CDBG Program referred to in this Contract, or in any benefit to arise from the same.

No officer or employee of the local jurisdiction or its designees or agents, no member of the governing body, and no other public official of the locality who exercises any function or responsibility with respect to this Contract, during his/her tenure or for one year thereafter, shall have any interest, direct or indirect, in any Contract or subcontract, or the proceeds, thereof, for work to be performed. Further, the Contractor shall cause to be incorporated in all subcontracts the language set forth in this paragraph prohibiting conflict of interest.

Section 25. Disclaimer

The Contractor and Owner hereby acknowledge that this Contract is solely between the Contractor and Owner and that the Florida Department of Commerce or other agencies that may provide funding for this project are not parties to this Contract; have no interest in this Contract; and are acting solely as conduit(s) through which

public funds are made available to the Owner. Any causes or actions, suits, dues, sum of money, accounts, variances, damages, and liabilities whatsoever both in law and equity which may arise as a result of this project will be between the Owner and Contractor.

IN WITNESS WHEREOF, the Contractor has executed this Contract as of this ____ day of _____, 20 ____, and the Owner has executed this Contract as of the date above first written.

Attest	City of Starke
_____ City Clerk, City of Starke	_____ Mayor, City of Starke
	_____ Date
_____ Witness	_____ Contractor
_____ By:	_____ By:
	_____ Address
	_____ Date
	_____ Phone Number

Approved by the City of Starke, City Commission on _____, _____ 20____.

BID BOND

KNOW ALL MEN BY THESE PRESENTS: that we, the undersigned, _____ as Principal, and _____ as Surety, are hereby held and firmly bound unto the City of Starke as Owner in the penal sum of _____ Dollars, (\$ _____) for payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors, and assigns.

Signed, this _____ day of _____, 20_____.

The Condition of the above obligation is such that whereas the Principal has submitted to Owner a certain BID, attached hereto and hereby made a part hereof to enter into a contract in writing, for the RJE Renaissance Center Gymnasium Renovation Project – Phase III.

NOW, THEREFORE,

- a. If said BID shall be rejected, or
- b. If said BID shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said BID) and shall furnish a BOND for his/her faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith and shall in all other respects perform the agreement created by the acceptance of said BID, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for all and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates, and agrees that the obligation of said Surety and its BOND shall be in no way impaired or effected by any extension of the time within which the Owner may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and Surety have hereunto set their hands and seals, and such of them as are corporations have caused their proper officers, the day and year first set forth above.

Principal

Surety

By: _____

IMPORTANT – Surety companies executing BONDS must appear on the Treasury Department's most current list and be authorized to transact business in the State of Florida.

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)

(Address of Contractor)

a _____ (Corporation, Partnership, or Individual), herein called Principal, and

(Name of Surety)

(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

City of Starke

(Name of Owner)

209 North Thompson Street, PO Drawer C, Starke, Florida 32091

(Address of Owner)

hereinafter called Owner, in the penal sum of _____ Dollars (\$_____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the Owner, dated the _____ day of _____, 20____, a copy of which is hereto attached and made a part hereof for the RJE Renaissance Center Gymnasium Renovation Project – Phase III.

NOW, THEREFORE, if the Principal shall promptly make payment to all persons, firms, Subcontractors, and corporations furnishing materials for or performing labor in the prosecution of the WORK provided for in such contract, and any authorized extension or modification thereof, including all amounts due to materials, lubricants, oil, gasoline, coal and coke, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such WORK whether by Subcontractor or otherwise, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said Surety for value received hereby stipulated and agreed that no change, extension of time, alternation, or addition to the terms of the contract or to the WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any way affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alternation, or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the Owner and the Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF this instrument is executed in ____ (number) counterparts, each one of which shall be deemed an original, this the _____ day of _____, 20____.

ATTEST:

Principal

Principal's Secretary

(SEAL)

By: _____

Address: _____

Witness as to Principal

Address: _____

ATTEST:

Surety

By: _____

Attorney-in-Fact

Address: _____

Witness as to Surety

Address: _____

NOTE: Date of BOND must not be prior to date of contract. If Contractor is a partnership, all partners should execute the BOND.

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list and be authorized to transact business in the State of Florida.

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)

(Address of Contractor)

a _____ (Corporation, Partnership, or Individual), herein called Principal, and

(Name of Surety)

(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

City of Starke

(Name of Owner)

209 North Thompson Street, PO Drawer C, Starke, Florida 32091

(Address of Owner)

hereinafter called Owner, in the penal sum of _____ Dollars (\$_____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the Owner, dated the _____ day of _____, 20____, a copy of which is hereto attached and made a part hereof for the RJE Renaissance Center Gymnasium Renovation Project – Phase III.

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the Owner, with or without notice to the Surety and during the one year guaranty period, and if he/she shall fully indemnify and save harmless the Owner from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the Owner all outlay and expense which the Owner may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said Surety for value received hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the contract or to the WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any way affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS.

IN WITNESS WHEREOF this instrument is executed in ____ (number) counterparts, each one of which shall be deemed an original, this the _____ day of _____, 20____.

ATTEST:

Principal

Principal's Secretary

(SEAL)

By: _____

Address: _____

Witness as to Principal

Address: _____

ATTEST:

Surety

By: _____

Attorney-in-Fact

Address: _____

Witness as to Surety

Address: _____

NOTE: Date of BOND must not be prior to date of contract. If Contractor is a partnership, all partners should execute the BOND.

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list and be authorized to transact business in the State of Florida.

Part II:

Grant Compliance

Requirements

(Forms & Documents Required by the
Small Cities CDBG-CV Program)

Wage Decision (Davis-Bacon Act)

The purpose of this section is to inform contractors bidding on the referenced construction project of the minimum wages that it must pay its workers as required by the Federal Davis-Bacon Act. The wage decision is a list of the minimum wages by job classification that the contractor must pay its employees.

The Davis-Bacon Act was enacted in 1931 for the purpose of protecting communities and workers from the economic disruption caused by competition arising from non-local contractors coming into an area and obtaining federal construction contracts by underbidding local wage levels.

The attached wage decision is for Building Construction Services.

Superseded General Decision Number: FL20250006

State: Florida

Construction Type: Building

County: Bradford County in Florida.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Modification Number	Publication Date
0	01/02/2026

ELEC1205-004 06/01/2025

	Rates	Fringes
ELECTRICIAN	\$ 33.50	13.85

ENGI0673-007 05/01/2024

	Rates	Fringes
OPERATOR: Crane Gantry Crane & Bridge Crane	\$ 35.41	13.60
Tower Crane; Locomotive Crane; Crawler Crane; Truck Crane; & Hydro Crane	\$ 35.41	13.60

IRON0798-007 07/01/2025

	Rates	Fringes
IRONWORKER, STRUCTURAL AND REINFORCING	\$ 32.00	18.77

SHEE0435-005 04/01/2025

	Rates	Fringes
SHEET METAL WORKER (Includes HVAC Duct Installation)	\$ 31.64	15.98

A: Holiday Pay: New Year's Day, Memorial Day, July Fourth, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day

SUFL2009-039 05/22/2009

	Rates	Fringes
CARPENTER, Includes Form Work	\$ 14.79	1.81
CEMENT MASON/CONCRETE FINISHER	\$ 16.79	0.00
LABORER: Common or General	\$ 9.00	0.00
LABORER: Pipelayer	\$ 11.42	1.95
OPERATOR: Backhoe/Excavator	\$ 13.19	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete)	\$ 9.58	0.00
PAINTER: Brush, Roller and Spray	\$ 10.10	0.00
PLUMBER	\$ 12.27	3.33
ROOFER: Built Up, Composition, Hot Tar and Single		

Ply	\$ 12.00	0.00
TRUCK DRIVER, Includes Dump and 10 Yard Haul Away	\$ 8.00	0.15

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010

01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R. 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor

200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

END OF GENERAL DECISION

MBE/WBE Solicitation

The purpose of this section is to provide contractors bidding on the referenced construction project with a list of Minority Business Enterprise and Women Business Enterprise (MBE/WBE) firms. Bidders are encouraged to use the attached list to solicit subcontractors for work on this project. The contractor that is awarded the contract for this project will need to show that at least three MBE/WBE firms were asked to provide a quote for subcontractor services. Solicitation of MBE/WBE firms is not required if the contractor does not plan to use subcontractors. A sample letter to send to MBE/WBE subcontractors is attached.

Minority/Women Owned Business Enterprise (MBE/WBE) Solicitation Request

Date: _____

From: _____
(Prime Contractor)

To: _____
(MBE/WBE Subcontractor/Supplier)

RE: Request for MBE/WBE Subcontractor/Supplier Participation

Dear Sir/Madame:

Our Company is considering bids for goods and services from WBE/MBE suppliers and subcontractors. Please submit a bid for the following items.

List of items to be provided by subcontractors:

Item	Unit	Units Needed	Unit Price	Extended Price	Notes

Additional Comments:

If you have any questions, please let us know.

Sincerely,

Prime Contractor

City of Starke MBE/WBE Procurement List for CDBG

Name	Designations	Address	City	State	Zip	County	Email
C & S Site Prep Inc	Woman Owned	22787 NW 34th Ave	Lawtey	FL	32058	Bradford	candsprep@gmail.com
R & B Fencing, Inc	Woman Owned	19855 NW 45th Ave	Starke	FL	32091	Bradford	rbfence@yahoo.com
Teal Tile and Carpet, Inc	Woman Owned	PO Drawer D	Starke	FL	32091	Bradford	robert@tealtilecarpet.com
AKEA, Inc	Asian American	3603 NW 98th St	Gainesville	FL	32606	Alachua	ajkwan@akeainc.com
All South Construction, LLC	Woman Owned	18995 NW 218th Ave	High Springs	FL	32643	Alachua	allsouthcon@gmail.com
Alta Systems, Inc	Woman Owned	6825 NW 18th Ave	Gainesville	FL	32653	Alachua	rickn@altainc.com
ASR Systems, LLC	Woman Owned	540 NE 5th Avenue	Gainesville	FL	32601	Alachua	eblack@asrsystems.ws
Assurance Commercial Cleaning Services	African American	2153 SE Hawthorne Rd	Gainesville	FL	32601	Alachua	assuranceccs@gmail.com
Bell's Professional Cleaning Solutions	African American	3124 NW 19th Pl	Gainesville	FL	32605	Alachua	info@bellscleaning.solutions
Cocovana, Inc	Asian American	PO Box 13694	Gainesville	FL	32604	Alachua	sheldon.barrett@gmail.com
Coleman Construction, Inc	Woman Owned	25501 NW 8th Lane	Newberry	FL	32669	Alachua	kagornto@gmail.com
Cornerstone Barricades, Inc	African American	3712 NW 84th Dr	Gainesville	FL	32606	Alachua	chris@cornerstonebarricades.com
Creative Industrial Solutions	African American	5200 NW 43rd St	Gainesville	FL	32606	Alachua	admin@creativeindustrialsolutions.com
D.C. of Mid-Florida, Inc	Woman Owned	5200 NW 43rd St	Gainesville	FL	32606	Alachua	dcmf01@aol.com
D&M Construction Group, Inc	Hispanic American	5080 W Newberry Rd	Gainesville	FL	32607	Alachua	jsegarra@foresightcgi.com
E W Reshard, Inc	African American	5729 NW 27th Ter	Gainesville	FL	32653	Alachua	ewreshard@cox.net
Elevated Design and Construction LLC	African American	5080 W Newberry Rd	Gainesville	FL	32607	Alachua	michael@elevateddc.com
Ewing Waterproofing Systems, Inc	Hispanic American	2521 NW 74th Pl	Gainesville	FL	32653	Alachua	rdaugherty@ewingwaterproofing.com
First Choice Cleaning service	African American	1030 NE 22 Ave	Gainesville	FL	32609	Alachua	mallaryloretta@yahoo.com
Florida Fasteners & Tool Co, Inc	Woman Owned	2826 NE Waldo Rd	Gainesville	FL	32609	Alachua	fft1974@netzero.net
Florida Janitorial Services	African American	1426 SE 1 St	Gainesville	FL	32601	Alachua	arthurpayne1426@yahoo.com
Gainesville Ironworks, Inc	Woman Owned	2341 NW 66th Court	Gainesville	FL	32653	Alachua	vlowry@gainesvilleironworks.com
Gainesville Ironworks, Inc	Woman Owned	2341 NW 66th Court	Gainesville	FL	32653	Alachua	vlowry@gainesvilleironworks.com
Gensis Door and Hardware, Inc	Woman Owned	1925 NW 2nd St, Ste C	Gainesville	FL	32609	Alachua	bill@genesisdoor.com
George Burns Enterprises, Inc	Veteran	2836 NE 19th Dr	Gainesville	FL	32609	Alachua	george.burns@georgeburnsent.com
Innovative Waste Consulting Services	Asian American	3720 NW 43rd St	Gainesville	FL	32606	Alachua	pjain@iwcs.biz
LPG Mechanical Contractors, Inc	Woman Owned	20613 NW 190th Ave	High Springs	FL	32643	Alachua	lcb55@windstream.net
Megrath Consulting, Inc	Woman Owned	2026 SW 77th Ter	Gainesville	FL	32607	Alachua	dslaughter@moorebass.com
New Horizons of North Florida	Asian American	7525 NW 4th Blvd	Gainesville	FL	32607	Alachua	Lcampbell@NHLeadership.com
Oelrich Construction, Inc	Veteran	275 NW 137th Dr, Ste A	Jonesville	FL	32669	Alachua	derek@oelrichconstruction.com
P&J Cleaning Service	African American	5812 SE 229th Ter	Hawthorne	FL	32640	Alachua	pabner5812@gmail.com
Phase III Building Supplies, Inc	African American	PO Box 1256	Gainesville	FL	32602	Alachua	phase3bsi@att.net
R Leon Electric, Inc	Hispanic American	1915 SW 70th Ter	Gainesville	FL	32607	Alachua	roger@rleonelectric.com
SouthArc, Inc	Woman Owned	3700 NW 91st St	Gainesville	FL	32606	Alachua	lucy@southarc.com

Spence Supply Company	Woman Owned	2332 NE 17th Ter	Gainesville	FL	32609	Alachua	spsupply@bellsouth.net
Tee's Cleaning Service	Veteran	9401 SW 94 Ter	Gainesville	FL	32608	Alachua	tlarkin59@yahoo.com
The Barfield Group, LLC	Woman Owned	6512 NW 39th Ave	Gainesville	FL	32606	Alachua	kristi@thebarfieldgroup.net
Thompson Concrete Finishing, Inc	Veteran	PO Box 6056	Gainesville	FL	32627	Alachua	jns_thom@bellsouth.net
Unlimited Cabinetry Solutions, LLC	Hispanic American	15020 NW US Hwy 441	Alachua	FL	32615	Alachua	bm@unlimitedcabinetrysolutions.com
Weisman Operations, Inc	Veteran	520 NW 43rd St	Gainesville	FL	32653	Alachua	weisman.dan@gmail.com
Above All Ceilings, Inc	Native American	5605 Florida Mining Blvd	Jacksonville	FL	32257	Duval	aboveallceilings@bellsouth.net
Acconcrete Enterprises, Inc	African American	5430 Dakota Dr	Jacksonville	FL	32209	Duval	acconcrete@bellsouth.net
Aldan Electric Supply, Inc	Woman Owned	2250 Emerson St	Jacksonville	FL	32207	Duval	aldan@bellsouth.net
Alexander DeGance Barnett, P.A.	Woman Owned	1500 Riverside Ave	Jacksonville	FL	32204	Duval	mark.alexander@adblegal.com
Alpha & Omega Quality Cleaning Serv	African American	PO Box 54122	Jacksonville	FL	32245	Duval	alphaomega.qcs@gmail.com
Alpha Omega Global	African American	1010 E Adams St	Jacksonville	FL	32202	Duval	frank@alphaomegaglobal.net
Anderson Tile & Stone, LLC	Veteran	3357 Drew St	Jacksonville	FL	32207	Duval	bs88a@yahoo.com
Atlantic Concrete and Mechanical, Inc	African American	PO Box 551315	Jacksonville	FL	32255	Duval	jbrown@acmfla.com
Aztec American Builders, Inc	Hispanic American	12335 Stockbridge Ct S	Jacksonville	FL	32258	Duval	aztecabguido@gmail.com
B&L Corporation: A Subsidiary of Brins	Woman Owned	301 W Bay St	Jacksonville	FL	32202	Duval	carletha@brinsonlenhardt.com
Baker Construction Services, LLC	Woman Owned	219 N Newman St 2nd FL	Jacksonville	FL	32202	Duval	tbaker@bakerdesign.build
Baldwin's Quality Plumbing	African American	9556 Historic Kings Rd S	Jacksonville	FL	32257	Duval	tmckenzie@baldwinsplumbing.com
Breaking Ground Contracting Company	Woman Owned	4218 Hwy Ave	Jacksonville	FL	32254	Duval	mary@breakinggroundcontracting.com
Bug Pro Florida	Woman Owned	PO Box 8085	Jacksonville	FL	32239	Duval	tammi@bugproflorida.com
BV Group & Associates, Inc	Hispanic American	6501 Arlington Ex Wy	Jacksonville	FL	32211	Duval	jvalbuena@bvandassociates.com
C. Vargas and Associates, Ltd	Hispanic American	8808 Arlington Ex Wy	Jacksonville	FL	32211	Duval	cvargas@cvaltd.com
C.C. Borden Construction, Inc	Woman Owned	1019 Rosselle St	Jacksonville	FL	32204	Duval	Camille@CCBorden.com
Carolyn's Cleaning Service	African American	6322 Ian Chad Dr W	Jacksonville	FL	32244	Duval	therolacks@bellsouth.net
Centerline Contractor, Inc	Woman Owned	7005 Lloyd Rd W	Jacksonville	FL	32220	Duval	centerlinecontracting@aol.com
Core Construction Company of Jacksonville	Asian American	8375 Baymeadows Way	Jacksonville	FL	32256	Duval	jaychung@core-constructionco.com
D Group Consulting Services, Inc	Woman Owned	1650 Margaret St	Jacksonville	FL	32204	Duval	dorette@dgroupconsulting.com
D.A. Wallace Enterprises	African American	PO Box 8692	Jacksonville	FL	32239	Duval	dwallace@dawallacenterprises.com
D&M Construction Group, Inc	Hispanic American	6801 Roosevelt Blvd	Jacksonville	FL	32212	Duval	cbarroso@foresightcgi.com
DAK Resources, Inc	Veteran	840 Prudential Dr	Jacksonville	FL	32207	Duval	david@dakresources.com
ERS Corp	African American	760 Talleyrand Ave	Jacksonville	FL	32202	Duval	j.anderson@ersfl.com
Ezad, LLC	Asian American	7584 Red Crane Ln	Jacksonville	FL	32256	Duval	ezad40n@yahoo.com
F & G Construction General Contractors	Woman Owned	2734 Edison Ave	Jacksonville	FL	32254	Duval	donna@fandgconstruction.com
Felicia M. Boyd & Associates, Inc	Woman Owned	1402 Declaration Dr	Jacksonville	FL	32250	Duval	fmb@bellsouth.net

First Choice Management Services, Inc	African American	841 Prudential Dr	Jacksonville	FL	32207	Duval	michael.bush@1stchoicems.com
First Coast Industrial Supply	Woman Owned	2950 St Augustine Rd	Jacksonville	FL	32207	Duval	fircoast@aol.com
G. M. Hill Engineering, Inc	Woman Owned	9640 Sunbeam Ctr	Jacksonville	FL	32257	Duval	ginahill@gmhillengineering.com
Garrett Counseling, Inc	Woman Owned	2099 Park St	Jacksonville	FL	32204	Duval	garrettcounseling@comcast.net
Gibbs Group, Inc	African American	7400 Baymeadows Way	Jacksonville	FL	32256	Duval	SGibbs@GibbsGroupEngineers.com
Giovanni Transport, LLC	Woman Owned	3066 Shady Dr	Jacksonville	FL	32257	Duval	dispatch@giovannitrans.com
HAK Construction, LLC	Woman Owned	11036 Castlemain Cir E	Jacksonville	FL	32256	Duval	hakimidenise@aol.com
Holman, Inc	Woman Owned	1855 Cassat Ave	Jacksonville	FL	32210	Duval	pam@holman-inc.com
Holy Hands Cleaning Service, LLC	African American	PO Box 8331	Jacksonville	FL	32239	Duval	phurl06@yahoo.com
Increte of North Florida, Inc	Veteran	9315 Old Kings Rd S	Jacksonville	FL	32257	Duval	grantflorida62@yahoo.com
Indelible Solutions LLLP	African American	2930 Sandlin St	Jacksonville	FL	32207	Duval	jhaycpa@gmail.com
Integrated Facility Systems, Inc	Woman Owned	3312 Beach Blvd	Jacksonville	FL	32207	Duval	kkeamey@ifsbi.com
IP Construction & Consulting LLC	African American	3577 Cardinal Point Dr	Jacksonville	FL	32257	Duval	ipccbuilds@gmail.com
J 3's Pressure Washing	African American	9125 Jennifer Ln	Jacksonville	FL	32222	Duval	travisjones@j3spressurewashing.com
J.R. Dexter, Inc	African American	13245 Atlantic Blvd	Jacksonville	FL	32225	Duval	ckersee@jrdexter.com
JAXHUB, LLC	Asian American	9243 Starpass Dr	Jacksonville	FL	32256	Duval	nthesingh@jaxhub.com
JDH Hauling Inc	Woman Owned	133 Wamsley Rd	Jacksonville	FL	32254	Duval	jdhhauling@aol.com
JJ Floor Care LLC	Hispanic American	11561 Twins Oaks Trl	Jacksonville	FL	32258	Duval	manager@jj-floorcare.com
K&A Transporter LLC	Hispanic American	3545 St Johns Blvd S	Jacksonville	FL	32224	Duval	kat@katransporter.com
KBT Contracting Corp	Woman Owned	5105 Blanding Blvd	Jacksonville	FL	32210	Duval	kbtcontracting@comcast.net
Kim's Electric, Inc	Woman Owned	13619 N Main St	Jacksonville	FL	32218	Duval	kim.kimselectric@comcast.net
Lasa Construction, Inc	Hispanic American	8286 Western Way Cir	Jacksonville	FL	32256	Duval	chris.hernandez@lasa-usa.com
MACS Industrial Supplies, Inc	Woman Owned	10418 New Berlin Rd #103	Jacksonville	FL	32226	Duval	info@macsindustrial.net
Magellan Transport Logistics, Inc	Veteran	2511 St Johns Bluff Rd	Jacksonville	FL	32246	Duval	government@magellanlogistics.com
Magic Drywall Finishing & Painting	African American	2669 W 45th St	Jacksonville	FL	32209	Duval	jspeights80@yahoo.com
Meridian Integration, LLC	African American	4685 Sunbeam Rd	Jacksonville	FL	32257	Duval	dthelacker@meridian-integration.com
Mike Hanson Trucking, Inc	Woman Owned	109 Wamsley Rd	Jacksonville	FL	32254	Duval	mikehansontrucking33@yahoo.com
Miranda Contracting, LLC	Hispanic American	8442 W Beaver St	Jacksonville	FL	32220	Duval	jgarrison@mirandacontracting.com
Mister Gene Clean Janitorial Services, Inc	African American	10935 Acorn Park Ct	Jacksonville	FL	32218	Duval	mrgenecclean@yahoo.com
Morales Construction Co, Inc	Hispanic American	6950 Philips Hwy, Ste 15	Jacksonville	FL	32216	Duval	rick@moralesgroup.com
N.P.Construction of N FL, Inc	Hispanic American	6510 Columbia Park Dr #206	Jacksonville	FL	32258	Duval	nperaza@npconst.com
NAIWBE, LLC	Woman Owned	2 Independent Dr	Jacksonville	FL	32202	Duval	sylvia@naiwbellc.net
New Leaf Construction, Inc	Veteran	4348 Southpoint Blvd	Jacksonville	FL	32216	Duval	rarsenault@newleafci.com
North Florida Building Maintenance, LLC	Woman Owned	3947 Blvd Center Dr	Jacksonville	FL	32207	Duval	rturner@gocitywide.com
North Florida Waste Management	Woman Owned	3633 Lenox Ave	Jacksonville	FL	32254	Duval	tonyzajni@gmail.com

Paint On You, LLC	African American	6145 Whitsbury Court	Jacksonville	FL	32258	Duval	paintonyou@protonmail.com
Parks' Place Daycare & Learning Center	African American	5500 Shindler Dr	Jacksonville	FL	32222	Duval	jparks@parksplacelearningcenter.com
Paryani Engineers, PE, PA	Asian American	PO Box 19865	Jacksonville	FL	32245	Duval	gparyani@aol.com
PIJ Builders, LLC	Woman Owned	10736 Majuro Dr	Jacksonville	FL	32246	Duval	pijbuilders@gmail.com
Plexi Chemie dba Industrial Flooring Specialists	Woman Owned	606-6 Lane Ave N	Jacksonville	FL	32254	Duval	epoxy@floorcure.com
Plummer & Associates	Woman Owned	12866 Huntley Manor Dr	Jacksonville	FL	32224	Duval	lindaplummer@comcast.net
PQH Group, Inc	Hispanic American	4141 Southpoint Dr E	Jacksonville	FL	32216	Duval	perezj@pqh.com
Prime Time Sparkle and Shine	African American	7021 Alpine St	Jacksonville	FL	32208	Duval	rejones2731@gmail.com
Prism Lighting Services, LLC	Asian American	6971 Business Park Blvd N	Jacksonville	FL	32256	Duval	mkothari@prismlighting.net
Production Premier	Asian American	PO Box 35405	Jacksonville	FL	32235	Duval	proprem@gmail.com
QB Electric, LLC	African American	1228 Lake Forest Blvd N	Jacksonville	FL	32208	Duval	J.Thomas@qbelectricllc.com
Quality Electrical Service, Inc	Hispanic American	2758 Ernest St	Jacksonville	FL	32205	Duval	ram@qualityjax.com
Quantum Construction, Inc	African American	PO Box 41483	Jacksonville	FL	32203	Duval	scott@quantumconstruct.com
Quantum Mechanical, LLC	Woman Owned	1225 W Beaver St	Jacksonville	FL	32204	Duval	patrick@quantummechanical.com
R & B Contracting, Inc	Woman Owned	PO Box 11833	Jacksonville	FL	32239	Duval	rbcontrg@bellsouth.net
R. M. Myers Company, Inc	Hispanic American	4505 Lexington Ave	Jacksonville	FL	32210	Duval	rmm@rmmymers.net
R&L Cleaning Service	African American	PO Box 23083	Jacksonville	FL	32241	Duval	rnlcleaning@msn.com
Radon Professional Services	Woman Owned	336 N Fourteenth Ave	Jacksonville	FL	32250	Duval	radonpro@aol.com
RFE Construction & Fence Services, Inc	African American	4622 Castlewood Dr E	Jacksonville	FL	32206	Duval	ronetheridge@hotmail.com
Rivers Constructors, Inc	Woman Owned	7855-703 Argyle Forest Blvd	Jacksonville	FL	32244	Duval	ginger@riversconstructorsinc.com
Sassy's Cleaning Service	Woman Owned	7020 Oakwood Dr	Jacksonville	FL	32211	Duval	cceister@hotmail.com
Serenity Cleaning Solutions, Inc	African American	7621 Lookout Point Dr	Jacksonville	FL	32210	Duval	serenityjan@comcast.net
Serenity Restoration & Cleaning Solutions, Inc	African American	7621 Lookout Point Dr	Jacksonville	FL	32210	Duval	sresinc@att.net
Servicefinders, LLC	African American	4573 Cape Sable Ct	Jacksonville	FL	32277	Duval	phillip@sf-llc.com
Shirley Singleton Inc	African American	2301 Gilmore St	Jacksonville	FL	32204	Duval	sysingleton@gmail.com
Simmons & Co, Inc	Woman Owned	1720 Dunn Creek Rd	Jacksonville	FL	32218	Duval	ashley@courtformsdone.com
Southside Lawn Care, LLC	African American	13135 Yamasi Trl	Jacksonville	FL	32225	Duval	service@southsidelawncafe.com
SPA Smiley Trucking, Inc	African American	5040 Grann Lloyd Dr	Jacksonville	FL	32209	Duval	spasmileytrucking@gmail.com
Spatial Concepts Inc	Woman Owned	933 R.G. Skinner Pkwy	Jacksonville	FL	32256	Duval	lourose@spatialconceptsinc.com
SSS Constructions Inc	Woman Owned	9960 Watermark Ln W	Jacksonville	FL	32256	Duval	sssconinc@yahoo.com
Superior Fence and Rail of North Florida	Veteran	5470 Hwy Ave	Jacksonville	FL	32254	Duval	zach.peyton@superiorfenceandrail.com
Surveve, Inc	Veteran	9511 Bent Oak Ct	Jacksonville	FL	32257	Duval	ssingh@whole9yardslandscaping.com
TB Solutions, LLC	African American	PO Box 380086	Jacksonville	FL	32205	Duval	tbsolutionsllc@gmail.com
The Desoto Group, LLC	Woman Owned	400 E Bay St	Jacksonville	FL	32202	Duval	sonya@desotogroup.com
The Ohmega Group, LLC	African American	1756 Silver St	Jacksonville	FL	32206	Duval	cmccullough@ohmegagroup.com

The Rose Group, LLC	African American	2933 N Myrtle Ave	Jacksonville	FL	32209	Duval	ransley@therosegroupllc.com
Topac Enterprises, LLC	Veteran	4027 Spring Park Cir	Jacksonville	FL	32207	Duval	topacenterprises@gmail.com
United Paving, Inc	African American	11868 Gran Meadows Way	Jacksonville	FL	32258	Duval	unitedpavingincorporated@gmail.com
V Mitchell Enterprise, LLC	African American	7911 Dwyer Dr	Jacksonville	FL	32244	Duval	vmitchell06@gmail.com
ValorPoint, LLC	Veteran	PO Box 551177	Jacksonville	FL	32255	Duval	info@valorpointllc.com
Vanguard Electrical Contractors	Woman Owned	3653 Regent Blvd, Ste #302	Jacksonville	FL	32224	Duval	giniphillippe@hotmail.com
Vanguard Electrical Contractors, Inc	Woman Owned	3653 Regent Blvd	Jacksonville	FL	32224	Duval	giniphillippe@hotmail.com
Waitz & Moye, Inc	Hispanic American	3738 Southside Blvd	Jacksonville	FL	32216	Duval	arelysmoye@comcast.net
Watergate Painting & Decorating Inc	Woman Owned	3982 Kaden Dr E	Jacksonville	FL	32277	Duval	wpainting@aol.com
Williams & Williams General Contractors	Woman Owned	5975 Wakulla Springs Rd	Jacksonville	FL	32258	Duval	AngieWilliams@WilliamsandWilliamsLLC.com
Yown's Boiler	Veteran	3501 W 20th St	Jacksonville	FL	32254	Duval	cyown@yowns.com

Historic Preservation

The purpose of this section is to inform contractors bidding on the referenced construction project of the historic preservation requirements that must be followed during construction activities.

Although no archaeological or historical resources are recorded within the project area, if there are unexpected discoveries of such resources during construction, please note the following procedures that must be complied with:

- If prehistoric artifacts such as pottery or ceramics, stone tools or metal implements, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time, the project should cease all activities involving subsurface disturbance in the immediate vicinity of such discoveries. The contractor shall notify the Engineer/Architect immediately so that the Florida Department of State, Division of Historical Resources, Compliance and Review Section can be contacted at 850-245-6333. The Engineer/Architect will also be able to contact the City so that the appropriate funding agency office can be contacted.
- Project activities should not resume without verbal and/or written authorization from the Division of Historical Resources.
- If unmarked human remains are encountered during permitted activities, all work must stop immediately, and the proper authorities notified in accordance with Section 872.05, Florida Statute.

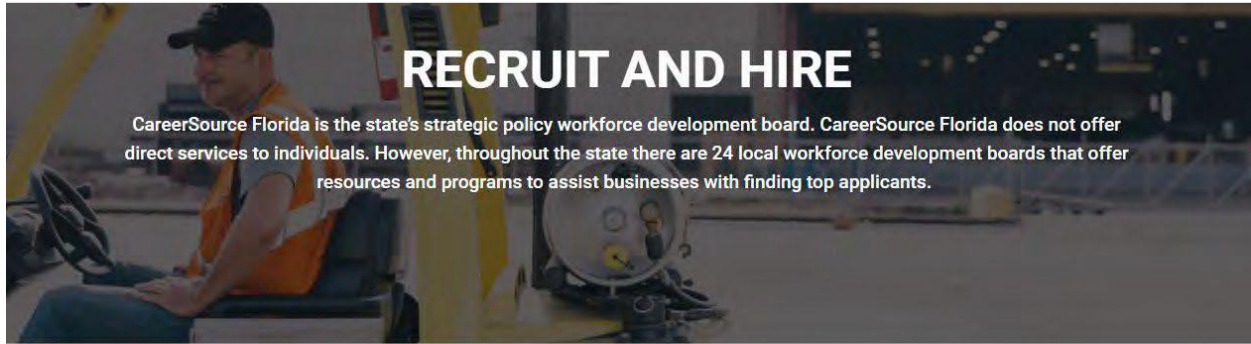
Section 3 (Employment of Local Low- & Very Low-Income Residents)

The purpose of this section is to inform contractors bidding on the referenced construction project of the Section 3 requirements that apply to this project.

The Housing and Urban Development Act of 1968 was enacted to expand the availability of mortgage funds for moderate income families using government-guaranteed mortgage-backed securities. Under Section 3 of the Act, wherever HUD (e.g., CDBG) financial assistance is expended for housing or community development, to the greatest extent feasible, economic opportunities will be given to Section 3 residents and businesses in that area. A Section 3 resident is someone that lives in government assisted housing or is defined as low income by HUD income standards.

The City of Starke is helping to implement this policy in the following manner:

- If the selected contractor needs to hire additional employees for construction activities, they are encouraged to contact the local CareerSource North Florida Office. This office maintains a list of potential job recruits. Phone numbers and addresses for this agency are shown on the following page.
- The City will post a notice at City Hall to inform residents that they may contact the selected contractor to find out if they are hiring (see attached sample notice).
- As noted by the following Section 3 clauses, the purpose of Section 3 is to ensure that employment and other economic opportunities generated by HUD assistance, or HUD-assisted projects covered by Section 3, shall to the greatest extent feasible be directed to low and very low-income persons, particularly persons who are recipients of HUD assistance for housing. Accordingly, City is willing to assist the contractor if needed, in the event that the contractor needs to hire additional personnel for this project.











Find Your Local Team

The CareerSource Florida network stands ready to assist employers in finding talent to match specific business needs, from entry level to experienced workers. Our network of workforce professionals can assist with or oversee your recruiting and hiring needs through virtual career fairs, candidate screening, hiring events and more.

Contact Us:

Find a CareerSource Location Near You! Career Centers are open and welcoming customers.

Web Address: <https://careersourcencfl.com>

Gainesville	Starke
 1112 North Main Street Gainesville, FL 32601	 925 North Temple Ave. STE C Starke, FL 32091
 352.955.2245	 904.964.8092
 Hours: Mon–Fri: 8 AM–5 PM	 Hours: Mon–Fri: 8 AM–5 PM
 Veterans Services: Tue: 8 AM - 5 PM	 Closed: 12-1 PM (Lunch)

Notice to City of Starke Residents

Promoting Employment Opportunities for Low and Very Low Income (Section 3) Residents

This notice shall be posted by the City of Starke.

The City of Starke has awarded a construction contract to the following Contractor:

Name of Contractor: _____

Contact Person: _____

Mailing Address: _____

Phone Number: _____

The construction activities will include services to be provided to the RJE Renaissance Center Gymnasium which is located in the City of Starke.

From time to time, the Contractor may need to hire additional workers for this project. The City of Starke is committed to promoting and encouraging employment opportunities for its residents, particularly those with low- and very low-income. If you would like to find out if the Contractor is hiring, please call the phone number listed above.

Section 3 – Project Implementation Plan

Overview

NOTE TO BIDDERS: You must return ALL applicable forms in this packet with your bid.
Failure to do so may result in your bid being disqualified.

Section 3 Goals

Section 3 is a provision of the Housing and Urban Development (HUD) Act of 1968 that helps foster local economic development, neighborhood economic improvement, and individual self-sufficiency. The Section 3 program requires recipients of certain HUD financial assistance to provide job training, employment, and contracting, to the greatest extent feasible, for low- or very low-income residents in connection with projects and activities in their neighborhoods. Section 3 is race and gender-neutral and is NOT the same as WBE/MBE.

Contracts over \$200,000 trigger Section 3. When triggered, best efforts must be made to extend Section 3 opportunities to verified Section 3 residents and business concerns to meet these *minimum* numeric goals:

1. Twenty-five percent (25%) of the total hours on a Section 3 project must be worked by Section 3 workers; and
2. Five percent (5%) of the total hours on a Section 3 project must be worked by Targeted Section 3 workers.

Programmatic Responsibilities

Contractors and/or Subcontractors are expected to meet the minimum goals listed above, to the greatest extent feasible. (Note: Section 3 may not be required for all projects, but best efforts to comply with the minimum numerical goals are still highly recommended.) All efforts to utilize Section 3 businesses and workers should be documented, and this Section 3 Project Plan should be submitted for all relevant project bids.

Submit FORMS 1 & 2 for all projects or FORMS 1 – 5 for all Section 3-triggered projects (over \$200,000) at the time of the bid submission or application for funding.

FORM 1 – Section 3 Assessment & Certifications

This form to be filled out by the selected contractor.

This form is required for ALL projects and must be submitted with bid or application for funding.

Project Information

Project Name:
Project Location or Address(es):

Developer/Contactor Information

Name of Firm:	Address:
Authorized Representative:	Title:
Phone:	Email:

1. Check all that apply to your business:

- ☐ Your business is at least 51% owned and controlled by low- or very low-income persons
- ☐ Over 75% of the labor hours performed for your business over the past three-month period were performed by Section 3 workers
- ☐ Your business is at least 51% owned and controlled by current public housing residents or residents who currently live in Section 8-assisted housing
- ☐ None of the above

2. Will you be hiring new employees or providing new training opportunities because of this contract? ☐ Yes ☐ No

3. Will you be using subcontractors to complete this project? ☐ Yes ☐ No

4. Is your bid/contract amount greater than \$200,000? ☐ Yes ☐ No

-If response to item 4 above is “YES,” Section 3 requirements will be fully enforced on this project. Failure to comply may result in the suspension of funding. Please complete the certifications below and submit FORMS 1-5 with your bid or application for funding.

-If NO, Section 3 participation is strongly encouraged but not required. Please attempt to meet the Section 3 goals to the greatest extent feasible. You must still complete the certifications below as applicable and return FORMS 1 and 2 with your bid or application for funding.

Certifications	Yes	No	N/A
All Projects:	By completing and signing this form, I agree to comply with all applicable requirements of the Section 3 of the Housing and Urban Development Act of 1968 (24 CFR Part 75).	<input type="checkbox"/>	<input type="checkbox"/>
	I understand that I must complete and submit FORMS 1 and 2 and submit them with my bid even if my bid is under \$200,000.	<input type="checkbox"/>	<input type="checkbox"/>
Projects over \$200K:	I have included/will include the Section 3 Clause (FORM 5) in all subcontracts for which Section 3 compliance is required.	<input type="checkbox"/>	<input type="checkbox"/>
	I understand that I am required to submit quarterly and final Section 3 reports (FORM 6), associated forms as applicable (FORMS 2, 3 and 4) and supporting documentation.	<input type="checkbox"/>	<input type="checkbox"/>
	I agree that my company has made and will continue to make efforts “to the greatest extent feasible” to comply with Section 3 as required by HUD.	<input type="checkbox"/>	<input type="checkbox"/>
	I understand the minimum numerical goals for Section 3 participation and I have completed FORMS 1 through 4 and attached them to my bid.	<input type="checkbox"/>	<input type="checkbox"/>

I declare that all statements contained in this form and any accompanying documents are true and correct, and made with full knowledge that all statements given are subject to investigation and that any false or dishonest answer to any question may be grounds for denial or revocation of funding or other penalties as prescribed under 18 U.S. Code § 1001.

Authorized Representative Signature

Date

FORM 2 – Section 3 Subcontractor Information, Version (1, 2, 3)

This form to be filled out by the selected contractor.

This form is required for ALL projects (regardless of whether Section 3 is triggered) and must be submitted with bid or application for funding. If project is over \$200,000 in HUD funds, this form must be updated and re-submitted at the time of contract execution and again with the final Section 3 compliance report.

Project Name	Contract Execution Date	Construction Start Date	Today's Date

Check the box that applies and complete the table if applicable:

- This project WILL NOT utilize subcontractors.
- This project MAY utilize the following subcontractors:

No.	Sect3 Bus.	Subcontractor Name	Subcontractor Address & Phone Number	Trade	Subcontract Amount
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 3 – Section 3 List of Permanent Employees, Version (1, 2)

This form to be filled out by the selected contractor.

This form is required for all Section 3-triggered projects (over \$200,000) and must be submitted with bid or application for funding and again with the final Section 3 compliance report.

Project Name	Contract Execution Date	Construction Start Date	Today's Date

Please list all current permanent employees (both full and part-time) employed by your company (or local/regional office) as of the signature date on FORM 1, as well as employees of all subcontractors working on this project. Use additional sheets as necessary. A computer-generated employee registry can be provided in lieu of this form if it includes the worker's name, employer and job category and indicates Section 3/targeted Section 3 status.

No.	Name of Worker	Employer	Job Category/Trade	Section 3 Worker (Y/N)	Targeted Section 3 Worker (Y/N)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Please note that your business may be eligible for Section 3 Business certification if at least 75% of your labor hours performed on all contracts over the past three-month period were performed by employees who meet one of the following categories below:

- The worker lives within one mile of the Section 3 project (or, if fewer than 5,000 people live within one mile of the Section 3 project, within a circle centered on the Section 3 project that is sufficient to encompass a population of 5,000 people according to the most recent U.S. Census);
- The worker is a HUD YouthBuild participant; or
- The worker's income for the previous or annualized calendar year is below 80% of the current area median income for the area in which the worker resides. (Use the worker's annual gross income based on AMI for a single-person household.) HUD income limits can be found at <https://www.huduser.gov/portal/datasets/il.html>.)

FORM 4 – Section 3 Documentation of Qualitative Efforts

This form to be filled out by the City of Starke.

This form is required for all Section 3-triggered projects (over \$200,000) and must be submitted with bid or application for funding as well as with all quarterly or final compliance reports that indicate numeric goals were not met. Please fill out this form completely. Attach additional pages if needed.

Project Name	Contract Execution Date	Construction Start Date	Today's Date

1. Describe all efforts made to direct the employment and other economic opportunities generated by HUD financial assistance for housing and community development programs, to the greatest extent feasible, to Section 3 workers. Attach additional pages if needed.

Attach supporting documentation such as:

- Copies of all publications, notices, pictures of posted notices, and other outreach materials.
- List of all Section 3 workers that responded to your responded to your outreach efforts (e.g., submitted job applications, phone logs, etc.); were any of them hired? If not, please explain why.

2. Describe all efforts made to notify Section 3 businesses of any subcontracting opportunities generated by HUD financial assistance for this project, to the greatest extent feasible. Attach additional pages if needed.

Attach supporting documentation such as:

- Section 3 Business List used in solicitation. Must have been provided by the City of Starke prior to solicitation and should be no more than 30 days old at the time of solicitation.
- List of Section 3 business included in solicitation and documentation of efforts (emails, letters, phone, logs, etc.).
- List of Section 3 businesses that responded to your solicitation and/or outreach efforts; were any of them hired? If not, please explain why.
- Copies of all publications, notices, pictures of posted notices, and any other outreach material utilized.

3. Describe all additional qualitative efforts made to comply with Section 3 requirements. See below for examples. Attach all applicable supporting documentation.



4. If there are employment opportunities associated with your project, include a draft of the proposed signage. Section 3 signage should be posted at the construction site. Signage must be large enough to be visible from the street. The sign must (a) identify the name of the project, (b) state the project is a HUD Section 3 Project, and (c) include the name, phone number and email address of an appropriate point of contact regarding employment opportunities.

Examples of Qualitative Efforts

- Engage in outreach efforts to generate job applicants who are Targeted Section 3 workers.
- Provide training or apprenticeship opportunities.
- Provide technical assistance to help Section 3 workers compete for jobs (e.g., resume assistance, coaching).
- Assist or connect Section 3 workers with drafting resumes, preparing for interviews, and finding job opportunities.
- Hold one or more job fairs.
- Provide or refer Section 3 workers to services supporting work readiness and retention (e.g., work readiness activities, interview clothing, test fees, transportation, childcare).
- Provide assistance to apply for or attend community college, a four-year educational institution, or vocational/technical training.
- Help Section 3 workers to obtain financial literacy training and/or coaching.
- Engage in outreach efforts to identify and secure bids from Section 3 business concerns.
- Provide technical assistance to help Section 3 business concerns understand and bid on contracts.
- Divide contracts into smaller jobs to facilitate participation by Section 3 business concerns.
- Provide bonding assistance, guaranties, or other efforts to support viable bids from Section 3 business concerns.
- Promote use of business registries designed to create opportunities for disadvantaged and small businesses.
- Outreach, engagement, or referrals with the state one-stop system as defined in Section 121(e)(2) of the Workforce Innovation and Opportunity Act.
- Other:

FORM 5 – Section 3 Contract Clause

The selected contractor will be required to comply with the following contract clauses.

All Section 3 covered contracts and subcontracts must include the following clause:

- I. The work to be performed under this contract is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 USC.1701u (Section 3). The purpose of Section 3 is to ensure that employment and other economic opportunities generated by HUD assistance, or HUD-assisted projects covered by Section 3, shall to the greatest extent feasible be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.
- II. The parties to this contract agree to comply with HUD's regulations in 24 CFR part 75, which implement Section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the part 75 regulations.
- III. The contractor agrees to send to each labor organization or representative of workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the contractor's commitments under this Section 3 Clause and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the Section 3 preference, shall set forth minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin.
- IV. The contractor agrees to include this Section 3 Clause in every subcontract subject to compliance with regulations in 24 CFR part 75, and agrees to take appropriate actions, as provided in an applicable provision of the subcontract or in this Section 3 Clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR part 75. The contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR part 75.
- V. The contractor will certify that any vacant employment positions, including training positions, that are filled (1) after the contractor is selected but before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR part 75 require employment opportunities to be directed, were not filled to circumvent the contractor's obligations under 24 CFR part 75.
- VI. Noncompliance with HUD's regulations in 24 CFR part 75 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.
- VII. With respect to work performed in connection with Section 3 covered Indian housing assistance, section 7(b) of the Indian Self-Determination and Education Assistance Act (25 USC 450e) also applies to the work to be performed under this contract. Section 7(b) requires that to the greatest extent feasible (i) preference and opportunities for training and employment shall be given to Indians and (ii) preference in the award of contracts and subcontracts shall be given to Indian organizations and Indian-owned Economic Enterprises. Parties to this contract that are subject to the provisions of Section 3 and section 7(b) agree to comply with Section 3 to the maximum extent feasible, but not in derogation of compliance with section 7(b).

FORM 6 – Section 3 Project Compliance Report

This form to be filled out by the selected contractor.

This form is required for all Section 3-triggered projects (over \$200,000) and must be submitted according to the following schedule:

Quarterly

January – March: Due April 15th

April – June: Due July 15th

July – September: Due October 15th

October – December: Due January 15th

Final

Must cover the entire project from start date to completion date.

Final Report is due 30 days after completion.

Project Name:	Contractor:
Project Location:	Report Type: <input type="checkbox"/> Quarterly <input type="checkbox"/> Final
Reporting Period Start Date:	Reporting Period End Date:

I. Section 3 Contact Information

Contractor Section 3 Point of Contact:	
Phone:	Email:

II. Section 3 Hours Worked - *Report the number of Section 3 hours for this reporting period. Attach time records to support the information provided.*

A. Total hours worked this period by all workers	B. Number of Section 3 hours worked this period	C. % Section 3 hours (Divide column B by column A)

III. Targeted Section 3 Hours Worked – *Report the number of targeted Section 3 hours for this reporting period. Attach time records to support the information provided.*

A. Total hours worked this period by all workers	B. Number of targeted Section 3 hours worked this period	C. % Section 3 hours (Divide column B by column A)

IV. Qualitative Efforts – If this report indicates numeric goals were not met, attach FORM 4 describing any qualitative efforts made to increase Section 3 participation for this reporting period.

V. ADDITIONAL ATTACHMENTS – For the final Section 3 compliance report, attach FORMS 2 and 3 with updated information (versions 2 or 3).

I declare that all statements contained in this form and any accompanying documents are true and correct, and made with full knowledge that all statements given are subject to investigation and that any false or dishonest answer to any question may be grounds for denial or revocation of funding or other penalties as prescribed under 18 U.S. Code § 1001.

Signature: _____

Date: _____

Print Name: _____

Title: _____

This form to be filled out by the selected contractor and subcontractors.

What is Section 3?

A business can qualify as Section 3 if it meets one of the following criteria:

- Workers must meet one of the following criteria for a business to qualify as Section 3 under item B above:

- ### Subcontractor Information

Company Name:		
Contact Person:		
Address:		
City:	State:	Zip:
Phone:	Email:	

- Signature of Business Owner

Date _____

--

**Request for Taxpayer
Identification Number and Certification**

Go to www.irs.gov/FormW9 for instructions and the latest information.

**Give form to the
requester. Do not
send to the IRS.**

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)		
	2 Business name/disregarded entity name, if different from above.		
	3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____ (Applies to accounts maintained outside the United States.)	
	3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions <input type="checkbox"/>		
	5 Address (number, street, and apt. or suite no.). See instructions.	Requester's name and address (optional)	
6 City, state, and ZIP code			
7 List account number(s) here (optional)			

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number									
				-					
or									
Employer identification number									
				-					

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person	Date

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

Local Government: City of Starke

CDBG Contract #: 22CV-S47

This form must be completed by the prime contractor for any construction contract over \$100,000. Voluntary reporting for contracts under \$100,000 is encouraged.

Contractor's Name: _____

Contractor's DUNS Number: _____ Contract Amount: \$ _____

1. Does the business qualify as a "Section 3 Business Concern" because	
a) It is at least 51% owned by Section 3 residents*, or	<input type="checkbox"/> Yes <input type="checkbox"/> No
b) At least 30% of its permanent full-time employees are	
i) Currently Section 3 residents*, or	<input type="checkbox"/> Yes <input type="checkbox"/> No
ii) Were Section 3 residents* within first three years of employment, or	<input type="checkbox"/> Yes <input type="checkbox"/> No
c) Will at least 25% (dollar value) of construction subcontracts (no material/supplies/equipment vendors unless they are also installing same) be to businesses meeting (a) or (b) above?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• If yes , list any Section 3 subcontractors and subcontract amount:	
Subcontractor	Subcontract Amount
	\$
	\$
	\$
2. Will the contractor be hiring any additional staff (office or field) for this project?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
• If yes , what types of jobs will be filled, and how many additional hires are estimated in each job type?	

***Section 3 resident means:**

- (1) A public housing resident; or
- (2) An individual who resides in the metropolitan area or nonmetropolitan county in which the section 3 covered assistance is expended, and who is:
 - (i) A low-income person, as this term is defined in section 3(b)(2) of the 1937 Act (42 U.S.C. 1437a(b)(2)). Section 3(b)(2) of the 1937 Act defines this term to mean families (including single persons) whose incomes do not exceed 80 per centum of the median income for the area, as determined by the Secretary, with adjustments for smaller and larger families, except that the Secretary may establish income ceilings higher or lower than 80 per centum of the median for the area on the basis of the Secretary's findings that such variations are necessary because of prevailing levels of construction costs or unusually high or low-income families; or
 - (ii) A very low-income person, as this term is defined in section 3(b)(2) of the 1937 Act (42 U.S.C. 1437a(b)(2)). Section 3(b)(2) of the 1937 Act (42 U.S.C. 1437a(b)(2)) defines this term to mean families (including single persons) whose incomes do not exceed 50 per centum of the median family income for the area, as determined by the Secretary with adjustments for smaller and larger families, except that the Secretary may establish income ceilings higher or lower than 50 per centum of the median for the area on the basis of the Secretary's findings that such variations are necessary because of unusually high or low family incomes.
- (3) A person seeking the training and employment preference provided by section 3 bears the responsibility of providing evidence (if requested) that the person is eligible for the preference.

Note: This contract is funded with federal funds, and this information is required for construction contracts over \$100,000 for reporting purposes. See Section 3 portion of CDBG Supplemental Conditions for Construction Projects for additional information.

73C-23.0051, FAC

Name of Business: _____

DUNS Number of Business: _____

Address of Business: _____

Type of Business: ☐ Corporation ☐ Partnership
☐ Sole Proprietorship ☐ Joint Venture

Attached is the following documentation as evidence of our Section 3 status:

For a business claiming status as a Section 3 resident-owned enterprise.

- ☐ Copy of resident lease ☐ Copy of receipt of public assistance
☐ Copy of evidence of participation in a public assistance program ☐ Other evidence

For a business claiming status as a Section 3 status by subcontracting 25 percent of the dollar amount awarded to qualified Section 3 businesses.

- ☐ List of Section 3 subcontractor(s) and subcontract amount(s).

For a business claiming Section 3 status based on at least 30 percent of their workforce currently qualifying as Section 3 residents or having been qualified as Section 3 eligible residents within three years of date of first employment with the business.

- ☐ List of all current full-time employees, and
☐ List of employees claiming Section 3 status and for each such employee:
☐ PHA/IHA Residential lease less than three years from date of employment, or
☐ Other evidence of Section 3 status less than three years from day of employment.

I certify that the above information is correct.

Signature

Type Name and Title

Date

If Contractor is not claiming
Section 3 status, sign and date here:

Signature

Date

Note: The local government shall maintain this form and supporting documentation in the CDBG project files for review during monitoring.

73C-23.0051, FAC

CDBG Supplemental Conditions

The purpose of this section is to inform contractors bidding on the referenced construction project of the grant-related requirements and conditions that the selected contractor will need to comply with. This construction project is being funded by the Community Development Block Grant (CDBG) Program.

The following Supplemental Conditions describe in detail the following project conditions and requirements:

1. Termination (Cause and Convenience)
2. Access to Records
3. Retention of Records
4. Remedies
5. Buy America Preference
6. Environmental Compliance (Clean Air Act and Federal Water Pollution Act)
7. Energy Efficiency
8. Conflict of Interest
9. Utilization of Minority- and Women-Owned Business Enterprises (MBE/WBE)
10. Davis-Bacon Act
11. Contract Work Hours and Safety Standards Act
12. Health & Safety
13. E-Verify
14. Equal Opportunity Provisions

The supplemental conditions contained in this section are intended to cooperate with, to supplement, and to modify the general conditions and other specifications. In case of disagreement with any other section of this contract, the Supplemental Conditions shall govern.

1. Termination (Cause and Convenience)
2. Access to Records
3. Retention of Records
4. Remedies
5. Buy America Preference
6. Environmental Compliance (Clean Air Act and Federal Water Pollution Control Act)
7. Energy Efficiency
8. Conflict of Interest
9. Utilization of Minority- and Women-Owned Business Enterprises (M/WBEs)
10. Davis-Bacon Act
11. Contract Work Hours and Safety Standards Act
12. Health and Safety
13. E-Verify
14. Equal Opportunity Provisions

1. Termination (Cause and Convenience)

- A. This contract may be terminated in whole or in part in writing by either party in the event of substantial failure by the other party to fulfill its obligations under this contract through no fault of the terminating party, provided that no termination may be affected unless the other party is given:
 - (1) not less than ten (10) calendar days written notice (delivered by certified mail, return receipt requested) of intent to terminate; and
 - (2) an opportunity for consultation with the terminating party prior to termination.
- B. This contract may be terminated in whole or in part in writing by the local government for its convenience, provided that the other party is afforded the same notice and consultation opportunity specified in l(a) above.
- C. If termination for default is affected by the local government, an equitable adjustment in the price for this contract shall be made, but
 - (1) no amount shall be allowed for anticipated profit on unperformed services or other work, and
 - (2) any payment due to the contractor at the time of termination may be adjusted to cover any additional costs to the local government because of the contractor's default.

If termination for convenience is affected by the local government, the equitable adjustment shall include a reasonable profit for services or other work performed for which profit has not already been included in an invoice.

For any termination, the equitable adjustment shall provide for payment to the contractor for services rendered and expenses incurred prior to receipt of the notice of intent to terminate, in addition to termination settlement costs reasonably incurred by the contractor relating to commitments (e.g., suppliers, subcontractors) which had become firm prior to receipt of the notice of intent to terminate.

- D. Upon receipt of a termination action under paragraphs (a) or (b) above, the contractor shall (1) promptly discontinue all affected work (unless the notice directs otherwise) and (2) deliver or otherwise make available to the local government all data, drawings, reports specifications, summaries and other such information, as may have been accumulated by the contractor in performing this contract, whether completed or in progress.
- E. Upon termination, the local government may take over the work and may award another party a contract to complete the work described in this contract.

- F. If, after termination for failure of the contractor to fulfill contractual obligations, it is determined that the contractor had not failed to fulfill contractual obligations, the termination shall be deemed to have been for the convenience of the local government. In such event, adjustment of the contract price shall be made as provided in paragraph (c) above.

2. Access to Records

The Florida Department of Commerce, the Chief Financial Officer of the State of Florida, the Auditor General of the State of Florida, the Florida Office of Program Policy Analysis and Government Accountability, the U.S. Department of the Treasury, the Comptroller General of the United States, and any of their duly authorized representatives, shall have access to any books, documents, papers, and records, including electronic storage media, as they may relate this contract, for the purposes of conducting audits or examinations or making excerpts or transcriptions.

3. Retention of Records

The contractor shall retain all records relating to this contract for five years after the local government makes final payment and all other pending matters are closed.

4. Remedies

Unless otherwise provided in this contract, all claims, counter-claims, disputes and other matters in question between the local government and the contractor, arising out of or relating to this contract, or the breach of it, will be decided by arbitration, if the parties mutually agree, or in a Florida court of competent jurisdiction.

5. Buy America Preference

- A. All iron and steel used in this project must be produced in the United States. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
- B. All manufactured products used in this project must be produced in the United States. This means the manufactured product was manufactured in the United States, and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation.
- C. All constructed materials used in this project must be manufactured in the United States. This means that all manufacturing processes for the construction material occurred in the United States.
- D. The Buy America Preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project.

6. Environmental Compliance (Clean Air Act & Federal Water Pollution Control Act)

If this contract exceeds \$150,000, the contractor shall comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401–7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251–1387). Violations must be reported to the U.S. Department of the Treasury and the Atlanta Regional Office of the Environmental Protection Agency (EPA). The contractor shall include this clause in any subcontracts over \$150,000.

7. Energy Efficiency

The contractor shall comply with any mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Public Law 94-163).

8. Conflict of Interest

No officer or employee of the local jurisdiction or its designees or agents, no member of the governing body, and no other public official of the locality who exercises any function or responsibility with respect to this contract, during his/her tenure or for one year thereafter, shall have any interest, direct

or indirect, in any contract or subcontract, or the proceeds thereof, for work to be performed. Further, the contractor shall incorporate the language set forth in this paragraph prohibiting conflict of interest in all subcontracts.

9. Utilization of Minority- and Women-Owned Business Enterprises (M/WBEs)

The contractor shall take all necessary affirmative steps to assure that M/WBE firms are utilized when possible as suppliers and/or subcontractors, as applicable. Prior to contract award, the contractor shall document efforts to utilize M/WBE firms, including identifying what firms were solicited as suppliers and/or subcontractors, as applicable. Information regarding certified M/WBE firms can be obtained from:

- Florida Department of Management Services, Office of Supplier Diversity,
- Florida Department of Transportation (construction services, particularly highway),
- Minority Business Development Center in most major cities, and
- Local government M/WBE programs in many large counties and cities.

A firm recognized as an M/WBE by any of the above agencies is acceptable for the CDBG program.

10. Davis-Bacon Act (Applicable to contracts/subcontracts \$2,000 or more)

1. Minimum Wages

- (i) All laborers and mechanics employed or working upon the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.
- (ii) (A) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination, and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:
 1. The work to be performed by the classification requested is not performed by a classification in the wage determination.
 2. The classification is utilized in the area by the construction industry.

3. The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii) (B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

- (iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

- (iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *Provided*, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account asset for the meeting of obligations under the plan or program.

2. Withholding

The Department of Commerce shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), all or part of the wages required by the contract, the Department of Commerce may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

- (i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made, and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.
- (ii) (A) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the Department of Commerce if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant, sponsor, or owner, as the case may be, for transmission to the Department of Commerce. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead, the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired.

Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the U.S. Department of the Treasury if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit them to the applicant, sponsor, or owner, as the case may be, for transmission to the Department of Commerce, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the sponsoring government agency (or the applicant, sponsor, or owner).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

- a. That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete.
- b. That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid

the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3.

- c. That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

- (iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the Department of Commerce or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and Trainees

- (i) *Apprentices.* Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. here a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training,

Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (ii) *Trainees*. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.
- (iii) *Equal Employment Opportunity*. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

5. Compliance with Copeland Act requirements

The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts

The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the U.S. Department of the Treasury may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment

A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements

All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards

Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the

meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility

- (i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
- (ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
- (iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

11. Contract Work Hours and Safety Standards Act (Applicable to contracts/subcontracts \$100,000 or more)

1. Overtime requirements

No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages

In the event of any violation of the clause set forth in paragraph (1.) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$31 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages

The Department of Commerce shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts

The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

12. Health and Safety

- (1) No laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health and safety as determined under construction safety and health standards promulgated by the Secretary of Labor by regulation.

(2) The contractor shall comply with all regulations issued by the Secretary of Labor pursuant to Title 29 Part 1926 (formerly part 1518) and failure to comply may result in imposition of sanctions pursuant to the Contract Work Hours and Safety Standards Act (Public Law 91-54.83 State 96).

(3) The contractor shall include the provisions of this Article in every subcontract so that such provisions will be binding on each subcontractor. The contractor shall take such action with respect to any subcontract as the Secretary of the Treasury or the Secretary of Labor shall direct as a means of enforcing such provisions.

13. E-Verify

A. Section 448.095, Florida Statutes, requires the following:

1. Every public agency and its contractors and subcontractors shall register with and use the E-Verify system to verify the work authorization status of all newly hired employees. A public agency or a contractor or subcontractor thereof may not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

2. An employer shall verify each new employee's employment eligibility within three (3) business days after the first day that the new employee begins working for pay as required under 8 CFR 274a. Beginning July 1, 2023, a private employer with 25 or more employees shall use the E-Verify system to verify a new employee's employment eligibility.

B. E-Verify is an Internet-based system that allows an employer, using information reported on an employee's Form I-9, Employment Eligibility Verification, to determine the eligibility of all new employees hired to work in the United States. There is no charge to employers to use E-Verify. The Department of Homeland Security's E-Verify system can be found at: <https://www.e-verify.gov/>.

C. If the contractor does not use E-Verify, the contractor shall enroll in the E-Verify system prior to hiring any new employee or retaining any contract employee after the effective date of this contract.

14. Equal Opportunity Provisions

A. Standard Federal Equal Employment Opportunity Construction Contract Specifications (Applicable to contracts/subcontracts above \$10,000)

1. As used in these specifications:

(a). "Covered area" means the geographical area described in the solicitation from which this contract resulted.

(b). "Director" means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority.

(c). "Employer identification number" means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941.

(d). "Minority" includes:

(i) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin).

(ii) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race).

(iii) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands).

(iv) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable

tribal affiliations through membership and participation or community identification).

2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation, and which is set forth in the solicitations from which this contract resulted.
3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan.

Contractors must be able to demonstrate their participation in and compliance with the provisions is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors or Subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or Subcontractor's failure to take good faith efforts to achieve the Plan goals and timetables.

4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7 (a) through (p) of these specifications. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered Construction contractors performing construction work in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. Goals are published periodically in the *Federal Register* in notice form, and such notices may be obtained from any Office of Federal Contract Compliance Programs office or from Federal procurement contracting officers. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.
5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.
7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
 - (a). Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall

specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.

- (b). Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
- (c). Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the Contractor may have taken.
- (d). Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
- (e). Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under 7(b) above.
- (f). Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- (g). Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with onsite supervisory personnel such as Superintendents, General Foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.
- (h). Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.
- (i). Direct its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other

training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.

- (j). Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.
- (k). Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR part 60-3.
- (l). Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
- (m). Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
- (n). Ensure that all facilities and company activities are nonsegregated except that separate or single-user toilets and necessary changing facilities shall be provided to assure privacy between the sexes.
- (o). Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
- (p). Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.

8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the contractor is a member and participant, may be asserted as fulfilling any one or more of its obligations under 7a through p of these Specifications provided that the contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female workforce participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.
9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and nonminority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in a substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).
10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, sexual orientation, gender identity, or national origin.

11. The Contractor shall not enter into any Subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.
12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.
13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the Government and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.
15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

B. Contracts Not Subject to Executive Order 11246, as Amended (Applicable to contracts/subcontracts \$10,000 and under)

During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.
- (2) The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.
- (3) Contractors shall incorporate foregoing requirements in all subcontracts.

C. Equal Opportunity Clause (Applicable to contracts/subcontracts above \$10,000)

During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national

origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

- (2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- (3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- (4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: *Provided*, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

D. Civil Rights Act of 1964

Under Title VI of the Civil Rights Act of 1964, no person shall, on the grounds of race, color, religion, sex, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.

E. Age Discrimination in Employment Act of 1967, as Amended

It shall be unlawful for an employer-

- (1) To fail or refuse to hire or to discharge any individual or otherwise discriminate against any individual with respect to his compensation, terms, conditions, or privileges of employment, because of such individual's age.
- (2) To limit, segregate, or classify his employees in any way which would deprive or tend to deprive any individual of employment opportunities or otherwise adversely affect his status as an employee, because of such individual's age.
- (3) To reduce the wage rate of any employee in order to comply with this section.

F. Title II of the Genetic Information Nondiscrimination Act of 2008

- (1) Under Title II of the Genetic Information Nondiscrimination Act (GINA), it is illegal to discriminate against employees or applicants because of genetic information. Employers are prohibited from using genetic information in making employment decisions. GINA restricts employers and other entities covered by Title II (employment agencies, labor organizations and joint labor-management training and apprenticeship programs - referred to as "covered entities") from requesting, requiring or purchasing genetic information, and strictly limits the disclosure of genetic information. The law forbids discrimination on the basis of genetic information when it comes to any aspect of employment, including hiring, firing, pay, job assignments, promotions, layoffs, training, fringe benefits, or any other term or condition of employment.
- (2) "Genetic information" includes information about an individual's genetic tests and the genetic tests of an individual's family members, as well as information about the manifestation of a disease or disorder in an individual's family members (i.e. family medical history). Family medical history is included in the definition of genetic information because it is often used to determine whether someone has an increased risk of getting a disease, disorder, or condition in the future.

G. Section 3 of the Housing and Urban Development Act of 1968

- (1) The work to be performed under this contract is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (Section 3), contributes to the establishment of stronger, more sustainable communities by ensuring that employment and other economic opportunities generated by Federal financial assistance for housing and community development programs are, to the greatest extent feasible, directed toward low- and very low-income persons, particularly those who receive Federal financial assistance for housing and those residing in communities where the financial assistance is expended.
- (2) The parties to this contract agree to comply with HUD's regulations in 24 CFR part 75, which implement section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the part 75 regulations.
- (3) The contractor agrees to send to each labor organization or representative or workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the contractor's commitments under this Section 3 clause and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the Section 3 preference, shall set forth minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin.

- (4) The Contractor agrees to include this Section 3 clause in every subcontract subject to compliance with regulations in 24 CFR part 75, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR part 75. The Contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR part 75.
- (5) The Contractor will certify that any vacant employment positions, including training positions, that are filled (1) after the Contractor is selected but before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR part 75 require employment opportunities to be directed, were not filled to circumvent the contractor's obligations under 24 CFR part 75.
- (6) Noncompliance with HUD's regulations in 24 CFR part 75 may result in sanctions, termination of this Contract for default, and debarment or suspension from future HUD assisted contracts.

Certification Regarding Non-Debarment, Suspension, & Other Matters

The prime contractor and all subcontractors will need to certify that they are not debarred or suspended from doing work on federally funded projects. A certification form is provided for the prime contractor and one for their subcontractors.



**Certification Regarding Debarment, Suspension, and Other
Responsibility Matters (Primary Covered Transactions)**

April, 2015

Recipient: _____ Contract Number: _____

Name of Company Selected as a Prime Contractor: _____

DUNS Number: _____

1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

(b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1)(b) of this certification; and

(d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

(2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Authorized Signature

Date

Name Typed

Title

Street Address

City, State, Zip

(24 CFR 24.510 and 24 CFR, Part 24, Appendix A)

73C-23.0051, FAC



**Certification Regarding Debarment, Suspension, Ineligibility
and Voluntary Exclusion (Subcontractor)**

April, 2015

Recipient: _____ Contract Number: _____

Name of Subcontractor: _____

DUNS Number: _____

Lower Tier Covered Transactions

- 1) The prospective lower tier participant certifies, by submission of this document, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- 2) Where the prospective lower tier participant is unable to certify to the above statement, the prospective participant shall attach an explanation to this form.

Authorized Signature

Date

Name Typed

Title

Street Address

City, State, Zip

(24 CFR 24.510 and 24 CFR, Part 24, Appendix A)

Part III:

Scope of Work & Bid Forms

THE PROJECT MANUAL FOR

City of Starke

RJE Renaissance Center Gymnasium Renovation Project Phase III

City of Starke, Bradford County, Florida
1080 Pine Street
Starke, Florida 32091

December 2, 2025

Phase III Construction Documents

PAUL STRESING ASSOCIATES, INC.

14617 Main Street
Alachua, Florida 32615
Telephone (386) 462-6407
E-Mail: psa@paulstresingassociates.com
CA #AA0003377
PSA 24-853

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1.0 SPECIFICATION TERMINOLOGY

1.01 Bidder is required to obtain a copy of Owners Contractual Agreement.

1.02 Definition of Terms: Whenever in the Specifications the following terms or pronouns in place of them are used their intent and meaning shall be interpreted as follows:

- A. Owner: City of Starke.
- B. Architect/Engineer: Acting directly or through a duly authorized representative.
- C. Inspector: An authorized representative of the Architect/Engineer or Owner assigned to inspect any of the materials, workmanship, or completed work entering into the work.
- D. Bidder: Any individual, firm, partnership, or corporation submitting a proposal for the work contemplated.
- E. Surety: The corporate body, which is bound with and for the Contractor, which is primarily liable, and which guarantees the faithful performance of the Agreement.
- F. Proposals: The approved forms on which the Bidder will submit his/her bid for the work contemplated.
- G. Drawings: The authorized plans and other drawings or reproductions thereof pertaining to the work to be done.
- H. Project Manual: The Conditions of the Contract, Detailed Technical Specifications and such other descriptions of the work as are set forth in any of the Contract Documents.
- I. Agreement: "Agreement" shall mean the document entitled "Form of Agreement Between Contractor and Owner for Construction of Buildings", including all Addenda issued prior to execution of Agreement and all modifications issued subsequent thereto.
- J. Contract: "Contract" shall mean the Contract Documents as defined and listed in the Agreement.
- K. Design Team:

Architect

Paul Stresing Associates, Inc.

14617 Main Street, Alachua, FL 32615

(386) 462-6407

2.0 FAMILIARITY WITH LAWS

2.01 The Bidder is required to be familiar with all Federal, State and local laws, ordinances, rules, CODES, and regulations that in any manner affect the work. Unfamiliarity or misinterpretation on the part of the Bidder will in no way relieve him/her from applicable responsibilities. Each Contractor/Subcontractor, Material Vendor, and Applicator is expected to be trained and experienced in the field of their expertise and neglecting to comply with codes and special requirements unique to their discipline does not relieve them or the Contractor from providing it as if it were shown or called for, whether they are shown or identified in the construction documents.

3.0 BIDDING DOCUMENTS

3.01 All of the descriptions of the work as well as of the instruments of procedure which are contained in and embraced by the Drawings and Specifications and including Addenda not contained therein comprise the Bidding Documents.

4.0 BASIS FOR BIDDING - TRADE NAMES

- 4.01 For clarity of description and as a standard of comparison, certain equipment, materials, etc., have been specified by trade names or manufacturers to ensure a uniform basis for bidding. The Bidder shall base his/her Proposal on the particular system, equipment, or material specified. After the contract is let, other equipment materials, etc., as manufactured by other manufacturers may be accepted only if, in the opinion of the Architect/Engineer, same is equivalent in quality and workmanship and will perform satisfactorily its intended purpose.

5.0 ALTERNATES/SUBSTITUTIONS

- 5.01 If the Owner wishes to learn the relative or additional construction cost of an alternative method of construction, an alternative use of type of material, or an increase or decrease in scope of the project, these items will be defined as Alternates and will be specifically described by the Drawings and/or Specifications. Alternates will be listed in the Proposal Form in such a manner that the Bidder shall be able to clearly indicate what sums he/she will add to his/her Base Bid.
- 5.02 Such alternates may or may not be accepted. The alternate will be accepted or rejected solely by the decision of the assigned representative of the City of Starke. The Bidder shall add to his/her base bid dollar amounts for each of the items listed in the Bid Proposal Form, including any Alternates.

6.0 ADDENDA

- 6.01 In case the Architect/Engineer finds it expedient to supplement, modify or interpret any portion of the Bidding Documents during the bidding period, such procedure will be accomplished by the issuance of written Addenda to the Bidding Documents which will be delivered or mailed to all prospective Bidders at the respective addresses furnished for such purposes.

7.0 INTERPRETATION OF BIDDING DOCUMENTS

- 7.01 Oral Discussions: No interpretation of the meaning of the Drawings, Specifications, or other Bidding Documents, no correction of any apparent ambiguity, inconsistency, or error therein will be made to any Bidder orally. Every request for such interpretation or correction should be in writing, addressed to the Architect/Engineer. All such interpretation and supplemental instructions will be in the form of written Addenda to the Bidding Documents.
- 7.02 Written Responses: Only the interpretation or correction so given by the Architect/Engineer, in writing, shall be binding and prospective Bidders are advised that no other source is authorized to give information concerning or to explain or interpret the Bidding Documents.
- 7.03 The Intent of the Drawings and Specifications: The Contractor shall complete all work as provided for in Contract Documents including Drawings and Specifications. Anything mentioned or implied in Specifications and not shown on Drawings or shown or implied on the Drawings and not mentioned in the Specifications, shall be furnished and installed as if shown and mentioned in both to ensure a complete installation of the implied scope of work, in full compliance with the governing codes. The Contractor shall furnish all materials, incidentals, and/or labor required to complete work shown or implied on the Drawings (as in a typical Building Section, door hardware, schedule, service tie-ins, etc.)

and called out in the Specifications, to include labor and material requirements reasonably inferable therefrom as being necessary to complete the work whether or not each and every single item necessary to completion is specified or detailed. It should be noted that the Specialty Contractor is expected to be an expert in his/her field and is to immediately alert the Owner and Architect of any conflicts found in the project plans and specifications for clarification. The Contractor is to provide a complete Code compliant installation including any and all miscellaneous incidentals required for a complete installation as if it was specified.

7.04 Contractor Responsible for Work Required: The organization of the Specifications into Divisions, Sections, and Paragraphs and the arrangement of the Drawings are not intended to control the Contractor in dividing the work among Subcontractors or to establish the limits and extent of work to be performed by a particular trade he/she is a master of. The Contractor alone is responsible for the completion of the entire work as drawn, specified, implied or shown in typical elevations, details, etc. implying other walls not shown to be treated the same, install as if it were detailed, completed in place and in functional or operating conditions. The division of the Specifications into Sections and Paragraphs is for convenience only and not for the purpose of limiting or restricting the performance of any portion of the work to any particular trade. Material vendors and approved subcontractors for each product and its assembly are expected to be experts in their field of training and knowledgeable in the installation of the products being installed and are expected to install their scope of work and all interfacing with adjoining systems with all necessary miscellaneous incidentals whether specified or identified or not; system means a complete code compliant and operational installation.

7.05 Measurements: Before ordering materials or doing any work, the Contractor shall in all cases verify measurements at the site or premises and check same against Drawings. No extra charge or compensation will be allowed on account of differences between actual dimensions and measurements shown on Drawings. Any differences found shall be submitted to the Architect for resolution before proceeding with the work. It should be noted that because of scale of the drawings graphical symbol representation could be distorted such as electrical receptacle devices which would be ineligible if drawings were scaled.

7.06 Additional Investigative Requirements: If additional drawing, engineering, or investigative work is requested by the Architect or Engineers to entertain a modification or alteration to accommodate an alternate system, any and all costs associated with the request shall be the responsibility of the Contractor and their Subcontractors.

8.0 EXAMINATION OF BIDDING DOCUMENTS AND SITE WORK

8.01 Bidders are required, before submitting their proposals, to visit the site of the proposed work and completely familiarize themselves with the nature and extent of the work and any local conditions that may in any manner affect the work to be performed and the equipment, materials, and labor required. They are also required to examine carefully the Drawings, Specifications, and other Bidding Documents to inform themselves thoroughly regarding any and all conditions and requirements that may in any manner affect the work.

9.0 GOVERNING CODES & INSPECTIONS

9.01 Governing Code: Florida Building Code 8th Edition

9.02 Refer to SECTION 01060 CODES, PERMITS AND FEES

9.03 State Requirements:

- A. Florida Building Code: 8th Edition
- B. Florida Plumbing Code: 8th Edition
- C. Florida Mechanical Code: 8th Edition
- D. Florida Fire Prevention Code: 8th Edition
- E. Florida Existing Building Code: 8th Edition
- F. NFPA 10 (2022): Fire Code
- G. NFPA 101 (2024): Life Safety Code
- H. NFPA 70 (2023) National Electrical Code
- I. Other Standards as referenced or specified in other Sections

10.0 COMMON REFERENCE STANDARDS

- 10.01 Reference in the Contract Documents to known standards such as codes, standard specifications, etc., promulgated by professional or technical associations, institutes, societies mean the latest edition of each such standard adopted and published as of the date of the Contract for the work of this Project, except where otherwise specifically indicated. The following is a representative list of such standards together with the abbreviation by which each is identified:

AAMA	Architectural Aluminum Manufacturers Association
AA	Aluminum Association
AASHTO	American Association of State Highway and Transportation Officials
ACI	American Concrete Institute
AIEE	American Institute of Electrical Engineers
AISC	American Institute of Steel Construction
ANSI	American National Standards Institute
API	American Petroleum Institute
ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Standard 62-1 Ventilation for Acceptable Indoor Air Quality
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
AWSC	American Welding Society Code
AWWA	American Water Works Association
CRSI	Concrete Reinforcing Steel Institute
CS	Commercial Standard of National Bureau of Standards
FGMA	Flat Glass Marketing Association
NAAMM	National Association of Architectural Metal Manufacturers
NEC	National Electrical Code
NEMA	National Electrical Manufacturers Assoc.
NFPA	National Fire Protection Association
SDI	Steel Deck Institute
SMACNA	Sheet Metal & Air Conditioning National Association
SSPC	Steel Structures Painting Council
TCA	Tile Council of America, Inc.
UL	Underwriters' Laboratories, Inc

11.0 PROJECT MEETINGS

- 11.01 To enable orderly review during the progress of the Work, and to provide for systematic discussion of problems, the Contractor will conduct project meetings throughout the construction period.
- A. Minutes: The Architect/Engineer will review the Contractor meeting minutes

and edit them for each project meeting prior to distribution and will furnish copies to the Owner and the Building Official as needed. The Contractor may make and distribute such other copies as he/she wishes.

- B. Except as noted below for the Preconstruction meeting, project meetings will be held as necessary, but at least monthly. Coordinate as necessary to establish a mutually acceptable schedule for meetings.
- C. To the maximum extent practicable, meetings will be held at the job site.
- D. The Preconstruction Meeting will be scheduled after the Owner has received the contract signed by the Contractor. Provide attendance with authorized representatives of the Contractor and all major subcontractors. The Architect/Engineer will advise other interested parties and request their attendance.

12.0 CONSTRUCTION SCHEDULING

- 12.01 Employ a scheduler who is thoroughly trained and experienced in compiling construction schedule data, in analyzing by use of Critical Path Method Gantt Chart or PERT, and in preparation and issue of periodic reports as required below.
- 12.02 Within ten (10) days after receipt of Notice to Proceed, submit one (1) reproducible and four (4) prints of construction schedule.
- 12.03 On the first working day of each month following the submittal described above, submit four (4) prints of the construction schedule updated.

13.0 GOVERNING CODES

- 13.01 State Requirements
 - A. Florida Building Code: 8th Edition
 - B. Florida Plumbing Code: 8th Edition
 - C. Florida Mechanical Code: 8th Edition
 - D. Florida Fire Prevention Code: 8th Edition
 - E. Florida Existing Building Code: 8th Edition
 - F. NFPA 10 (2022): Fire Code
 - G. NFPA 101 (2024): Life Safety Code
 - H. NFPA 70 (2023) National Electrical Code
 - I. Other Standards as referenced or specified in other Sections

14.0 PRODUCT DATA AT JOB SITE

- 14.01 Satisfactory evidence as to the kind and quality of all materials and equipment, in the form of shop drawings, manufacturer's literature, samples, or certification shall be readily available at the job site at all times for the Architect/Engineer's inspection regardless of whether such evidence has been required in the project manual for submittal to the Architect/Engineer.
- 14.02 Facilities: The City of Starke and the Architect reserve the right to inspect the bidder's facilities at any time with prior notice.
- 14.03 Contractor to provide from each material vendor the applicable Product Approval Number verifying compliance with the Florida Building Code 8th Edition for exterior envelope components.

Note: No effort was made to list each and every possible aperture in the building envelope. The Architect/Engineer shall check to see what apertures apply and furnish the applicable

Product Approval Number as issued by the Department of Community Affairs (DCA) or required certification.

15.0 TESTS

15.01 The Contractor will schedule the tests giving sufficient time for the execution of the work mutually agreed upon between the Testing Laboratory and the Contractor. The Contractor is responsible for review of each section of the specifications to determine specifics of the testing requirements. For the convenience of the Contractor, the following list of tests is provided. If a required test is omitted, or is in conflict with the Technical Specifications, the strictest requirements will prevail.

15.02 List of Required Tests:

Bacteria Test on domestic water (if water is disrupted)

15.03 Distribution of Test and Inspection Reports: The Testing Agency shall distribute copies of all reports to the offices of the parties concerned as follows:

- One (1) copy to the Architect/Engineer
- One (1) copy to the Owner
- One (1) copy to the Building Official
- One (1) copy to the Project Representative
- Two (2) copies to the Contractor
- Two (2) copies to the Supplier being tested

16.0 RECORD DRAWINGS (AS-BUILTS)

16.01 In accordance with the requirements of the General Conditions, the Architect/Engineer will provide the Contractor with a set of reproducible drawings of the original bidding documents, as required and at the Contractor's expense as follows:

- A. If the Contractor elects to vary from the Contract Documents, and secures prior approval of the Architect/Engineer, for any phase of the work other than those listed below, he/she shall record in a neat, readable manner all such variances on the reproducible drawings furnished.
- B. Record Drawings shall be maintained by the Contractor as the work progresses and as follows:
 - 1) All deviations from sizes, locations and from all other features of all installations shown in the Contract Documents shall be recorded.
 - 2) In addition, it shall be possible, using these drawings, to correctly and easily locate, identify, and establish sizes of all piping, directions and the like, as well as all other features of work which will be concealed underground and/or in the finished building.
 - a) Locations of underground work shall be established by dimensions to column lines of walls, locating all turns, etc., and by properly referenced centerline or invert elevations and rates of fall.
 - b) For work concealed in the building, sufficient information shall be given so it can be located with reasonable accuracy and ease. In some cases, this may be by dimension. In others it may be sufficient to illustrate the work on the drawings in relation to the spaces in the building near which it was actually installed. Architect's/Engineer's decisions shall be final.
 - 3) The following requirements apply to all Record Drawings:
 - a) They shall be maintained at the Contractor's expense.
 - b) All such drawings shall be done carefully and neatly by a

- competent draftsman and in form approved by the Architect/Engineer.
- c) The record drawings, neatly prepared by an experienced draftsman, shall be returned to the Architect/Engineer upon completion of the work and are subject to the approval of the Architect/Engineer.
 - d) They shall be kept up to date during the entire course of the work and shall be available on request for examination by the Architect/Engineer and, when necessary, to establish clearances for other parts of the work.
 - e) Additional drawings shall be provided as necessary for clarifications.
 - f) Contractor is to provide an original, clean As-Built set of drawings and a scan on a CD of the final As-Built documents.
- 4) Shop drawing records – a complete set of shop drawings readily available on site at all times to use by the building inspector, Architect/Engineer.

17.0 OPERATION AND MAINTENANCE MANUALS

17.01 Submit **two (2)** hard copies and **two (2)** flash drives of Operation and Maintenance Manual prior to indoctrination of operation and maintenance personnel. Include at least the following:

- A. Neatly typewritten index near the front of the manual, giving immediate information as to location within the Manual of all emergency data regarding the installation.
- B. Complete instructions regarding operation and maintenance of all equipment involved, including lubrication, disassembly, and reassembly.
- C. Complete nomenclature of all parts of all equipment.
- D. Complete nomenclature and part number of all replaceable parts name and address of nearest vendor, and all other pertinent data regarding procurement procedure.
- E. A copy of all guarantees and warranties issued.
- F. Manufacturer's bulletins, cuts, and descriptive data, where pertinent, clearly indicating the precise items included in this installation and deleting, or otherwise clearly indicating, all manufacturer's data with which this installation is not concerned.
- G. Such other data as required in pertinent other Sections of these specifications.
- H. MSDS sheet on all material used.

18.0 CLEANING UP

18.01 In addition to the provisions of Article 4.15 of the General Conditions, the following shall be required:

- A. Besides the "removal of waste materials", the following special cleaning shall be required just prior to acceptance:
 - 1) Use only the cleaning materials and equipment which are compatible with the surface being cleaned, as recommended by the manufacturer of the material or as approved by the Architect/Engineer.
- B. In addition to clean-up provisions of the Specifications, Contractor shall take appropriate steps to prevent airborne dust due to the work of this Contract. Water shall be applied wherever practical to settle and hold dust to a minimum, particularly during excavation and moving of materials.

19.0 TOXIC SUBSTANCES

- 19.01 The State of Florida has prepared a list of toxic substances. The Contractor shall review the list to determine if any materials, which he will be installing, are listed.
- 19.02 The Contractor will notify the Owner in writing three (3) days prior to use of any toxic substances in the construction efforts of the facility modernization.
- 19.03 The Contractor shall comply with all State, Federal, and Local Regulations for the use of any toxic substances.

Note: Prior to the award of this Phase's Scope-of-Work, the asbestos & lead paint have been abated and certified as being successfully removed.

20.0 LEAD

- 20.01 No lead product shall be used on this project.
- 20.02 The use of solder which contains lead or paint which contains lead is not acceptable on this project.
- 20.03 The General Contractor is responsible for notifying all Subcontractors and Suppliers that no lead containing products is acceptable on this project.
- 20.04 The General Contractor and Painting Subcontractor shall provide written certification prior to substantial completion, that no lead has been used on this project, and agrees to replace any lead, if discovered, at no expense to the City. The certification shall be addressed to the City Manager of Starke, Florida.

21.0 ASBESTOS

- 21.01 New building material: No asbestos or products containing asbestos will be used on this project.
- 21.02 The Contractor shall be responsible for notifying all Subcontractors and Suppliers of this requirement.
- 21.03 If by Independent Test Laboratory studies, the Owner discovers any asbestos products have been used on this project, the Contractor will be liable for necessary consulting fees, removal of asbestos products and installation of new product of similar value.
- 21.04 The General Contractor, the Mechanical Subcontractor, Electrical Subcontractor, Floor Subcontractor, Ceiling Tile Subcontractor, and Insulation Subcontractor shall provide, prior to substantial completion, a certification by the President of the Construction Company stating that no asbestos products have been used on this project and referring to the Agreement to remove any asbestos products, if discovered, addressed to the City of Starke Project Manager, Starke, Florida.

22.0 CODES & INSPECTIONS

- 22.01 General Requirements: In addition to all other requirements of this bid, the following general conditions are added and made a part of this bid. The ruling Code in all instances

will be the Florida Building Code, Florida Building Code Plumbing, Florida Building Code Mechanical, Florida Building Code Electrical, and Florida Building Code Fuel Gas. Refer to SECTION 01000 General Requirements, subsection (9) AND SECTION 01060 Codes, Permits & Fees.

- 22.02 It shall be the responsibility of the successful Bidder to notify and request inspections by the District Building Official at all stages of the work where an inspection is required. Work may not proceed beyond that point until the Building Official has made the required inspection and provided a written release when a written release is required.
- 20.03 Required Inspections: The Building Official upon notification from the permit holder or his/her agent (which could be the Architect of Record and/or the Manufacturer's field inspector as allowed by the Authority Having Jurisdiction (AHJ) for the interior improvements portion of the project shall make the following inspections and shall either release that portion of the construction or shall notify the permit holder or his agent of any violations which must be corrected in order to comply with the technical codes. The Building Official shall determine the timing and sequencing of when inspections occur and what elements are inspected at each inspection.
- A. Underground and concealed plumbing and electric.
- 22.04 Written Release: Work shall not be done on any part of a building, structure, or roof system beyond the point indicated in each successive inspection without first obtaining a written release from the building official, such written release shall be given only after an inspection has been made of each successive step in the construction or installation as indicated by each of the foregoing three inspections.
- 22.05 Inspections: The Contractor is to coordinate all required inspections with the building department.

(END OF SECTION 01000)

SECTION 01010 - SUMMARY OF WORK

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 General Coordination: The work contained in this project is limited to the restroom improvements to the existing 1965 RJE Renaissance Center Gymnasium. Recent phases replacing the roof, structural framing the exterior south wall finish, and the asbestos/lead paint abatement which will be successfully completed December 2025. The following is a list of coordination requirements:
- 1) Contractor is to carefully coordinate his/her work efforts with the City of Starke project manager to ensure the daily operations of adjacent and active work areas are not compromised and construction efforts are mindful of the interaction with the daily operations of the building.
 - 2) Contractor to coordinate with Owner appropriate staging area both outside the building and inside for the storage and preparation of building materials and assemblies and make every attempt possible to perform noise making activities outside the building.
 - 3) Contractor to coordinate a construction schedule with Owners Project.
 - 4) Drawings depict the areas of maintenance demolition and new construction but in general the construction efforts will consist of subsection 1.03 required work efforts.
- 1.03 The following is a descriptive summary of the maintenance and accessibility enhancement scope of work applicable to this project.

General Project Scope of Work:

The RJE Renaissance Center Gymnasium located in Starke, Florida was built in 1965 by the Bradford County School District to accommodate immediate educational needs of the time. Due to its more recent underuse, the campus was gifted to the City of Starke in 2014 for use as a Community Outreach facility to assist the local community in their efforts to accommodate the youth needs in special programs for education, training, outreach, and youth programming and development. The campus was designed by Robert Broadfoot Architects and built by Tharpe Construction Company. This project's Scope of Work focuses on the next phase efforts now that the building has been re-roofed. Its structural deterioration restored, and asbestos & lead paint completely abated. The next phase of improvements will address restroom handicap accessibility improvements and will be completed as part of this phase's Scope of Work which will deplete the current remaining grant funding which will assist in the modernization and preservation of the existing community gymnasium building which also serves as a community outreach center. Future funding will address mechanical, electrical, and additional plumbing enhancements. This project's Scope of Work consists of the following:

- Priority #1 - Reroof and Roof Structural Restoration – This has been successfully completed.
- Priority #2 - Asbestos & Lead Paint Abatement – Currently being completed and will be successfully completed by the time this project bids and NTP is issued.
- Priority #3 - This phase's Scope of Work – Restoration of existing public restrooms converting the existing open shower areas into toilet stalls in the female locker room and the male locker room converted into toilet stalls. The male open shower area will be converted into a custodial closet and gym storage (refer to section 01100 alternate), a new unisex ADA toilet room.
- Priority #4 - Future Electrical.
- Priority #5 - Future Mechanical.
- Priority #6 - Future Additional Plumbing.
- Priority #7 - Miscellaneous interior renovation and modernization.

1.04 Refer to Section 01100 for Additive Alternates and request for substitutions which the Owner would like to include into the final project scope if fund availability allows.

(END OF SECTION 01010)

SECTION 01020 - CUTTING AND PATCHING

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Description of Work: "Cutting-and-patching" is hereby defined to include but is not necessarily limited to the cutting and patching of nominally completed and previously existing work, in order to accommodate the coordination of work, or the installation of other work, or to uncover other work for access or inspection, or to obtain samples for testing, or for similar purposes. It is defined to exclude integral cutting-and-patching during the manufacturing, fabricating, erecting, and installing process for individual units of work.
- 1.03 Demolition is recognized as an example of a related-but-separate category of work, which may or may not also require cutting-and-patching as defined in this section.
- 1.04 Refer to other sections of Project Manual for specific cutting-and-patching requirements and limitations applicable to individual units of work.
- 1.05 Quality Assurance:
- A. Requirements for Structural Work:
 - 1. Do not cut-and-patch structural work in a manner resulting in a reduction of load-carrying capacity or load/deflection ratio.
 - 2. Prior to cutting-and-patching the following categories of work, obtain the Architect's approval to proceed with cutting-and-patching as proposed in the submittal by the Contractor:
 - 3. Structural Steel - Miscellaneous Structural Metals, including lintels, equipment supports, stair systems, and similar categories of work.
 - a) Structural Decking
 - b) Roof Framing Members
 - c) Pressurized Piping, Vessels and Equipment
 - B. Operational and Safety Limitations:
 - 1. Do not cut-and-patch operational elements and safety-related components in a manner resulting in a reduction of capacities to perform in the manner intended or resulting in decreased operational life, increased maintenance, or decreased safety.
 - 2. Prior to cutting-and-patching the following categories of work, and similar categories where directed, obtain the Architect's approval to proceed with cutting-and-patching as proposed in the submittal by the Contractor.
 - 3. Sheeting, shoring and cross-lot bracing.
 - 4. Primary Operational Systems and Equipment.
 - 5. Water/moisture/vapor/air/smoke barriers, membranes and flashings.

- 6. Noise and Vibration Control elements and systems.
 - 7. Control, communication, conveying, and electrical wiring systems.
 - C. Visual Requirements - Do not cut-and-patch work which is exposed on the exterior or exposed in occupied spaces of the building, in a manner resulting in a reduction of visual qualities or resulting in substantial evidence of the cut-and-patch work, both as judged solely the Architect. Remove and replace work judged by the Architect to be cut-and-patched in a visually unsatisfactory manner.
 - D. Any and all interruptions of existing facilities services shall be coordinated with Architect and Owner with ample notice for coordination of such work.
- 1.05 Submittals - Where prior approval of cutting-and-patching is required, submit proposal well in advance of time work will be performed, and request approval to proceed. Include description of why cutting-and-patching cannot (reasonably) be avoided, how it will be performed, how structural elements (if any) will be reinforced, products to be used, firms and tradesmen to perform the work, approximate dates of the work, and anticipated results in terms of variations from the work as originally completed (structural, operational, visual and other qualities of significance).
- 1.06 Materials - Except as otherwise indicated or approved by the Architect, provide materials for cutting-and-patching which will result in equal-or-better work than the work being cut-and-patched, in terms of performance characteristics and including visual effect where applicable. Comply with the requirements and use materials identical with the original materials where feasible and where recognized that satisfactory results can be produced thereby.
- 1.07 Preparation - Provide adequate temporary support for work to be cut, to prevent failure. Do not endanger other work. Provide adequate protection of other work during cutting-and-patching, to prevent damage and provide protection of the work from adverse weather exposure.
- 1.08 Cutting-and-Patching - All trades will perform the necessary cutting to allow their materials to pass through existing floors, walls, or ceilings. All patching will be performed by the individual trades who built the walls, floors, or ceilings as part of their type of work.
- 1.09 Restore exposed finishes of patched areas and, where necessary, extend finish restoration onto retained work adjoining, in a manner which will eliminate evidence of patching.
- 1.10 Where patch occurs in a smooth painted surface, extend final paint coat over the entire unbroken surface containing the patch, after patched area has received prime and base coats, which have been properly feathered into adjoining areas.

(END OF SECTION 01020)

SECTION 01026 – UNIT PRICES

1.0 GENERAL

- 1.01 Summary: It is the intent of this section to provide for unit prices for listed items in quantities shown and for additional quantities that may be required by Owner or Architect/Engineer as being necessary for a complete, secure installation.
- 1.02 Inclusions:
- A. Within each Unit Price, include labor, materials, equipment, mobilization, overhead, profit, and including, but not limited to, handling, storing, protecting, connecting, adjusting, testing, finishing, cleaning, and completing.
 - 1. Demolition, removal, and disposal of existing materials for each Unit Price shall be included as part of the Unit Price.
 - B. Execute work covered by a Unit Price in same manner as if included in a stipulated sum.
 - C. Include, as a part of the Base Bid, the sum of each allotted measurement for each Unit Price item.

2.0 EXECUTION

- 2.01 Unit Price No.1: Removal and Replacement Cold Water/Hot Domestic Water Line (CW/HW) (Removal and replacement of existing Cold Water line / Hot Water line in its entirety and replace with **Type L copper piping**) \$ _____
per 25'-0"
Linear ft.
- 2.02 Unit Price No.2: Removal and Replacement 4" PVC Sanitary Sewer Line (install new sanitary sewer line from termination point identified on engineered plumbing drawings to an acceptable tie-in tap location with **4" PVC Schedule 40 piping**) \$ _____
per 25'-0"
Linear ft.
- 2.03 Unit Price No.3: Saw cut and remove existing concrete slab and re-pour to accommodate Unit Price No.2 above. \$ _____
per 25'-0"
Linear ft.

(END OF SECTION 01026)

SECTION 01027 - COST REPORTING AND PAYMENTS

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Payments and Completion: Refer to City provided front-end General Conditions requirements contained within the agreement and modifications/additions as called for in Supplementary Conditions.
- 1.03 Schedule of Values: (Unless allowed in the owner agreement) At least two weeks prior to filing the first payment request, the Vendor / Contractor shall submit to the Owner/Architect a correct, completely itemized schedule of the different materials or subdivisions of the work, based as nearly as possible on the sections of the specifications and as required by Subparagraph 9.2.1 of the AIA General Conditions. Quantities and unit prices of labor and materials shall be given, and each item shall include all items required for the execution of the Contract. Total columnar footings shall equal the Contract sum. The schedule shall be made up in accordance with the Application and Certificate for Payment AIA Forms G702 and G703, bound in the specifications pertaining to this project. Each item shall include prorated shares of profit and overhead.
- 1.04 Progress Payments: (unless not allowed in the owner agreement) Applications for payment shall be made monthly for the work done and for materials suitably stored at the site up to the last day of the previous month, or since the time of the last previous application for payment. Refer to City provided front-end of this project manual.
- 1.05 Four (4) copies of applications for partial payment, signed and notarized, shall be submitted on the following forms as bound in the specifications pertaining to this project:
1. if county requests do not contain a pay application guideline the following will apply;
 - A. AIA Documents G702 - Application and Certification for Payment.
 - B. AIA Document G703 - Continuation Sheet, with entries brought forward in proper columns for the current status.
- 1.06 The Owner/Architect shall certify payment of 90% of the value of work and materials, according to his/her best judgment of the correct amount.
- 1.07 The remaining 10% shall be retained until completion of the work and acceptance by the Owner.

(END OF SECTION 01027)

SECTION 01040 - COORDINATION, INSPECTION AND PROTECTION

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General Conditions, Supplementary Conditions and Special Conditions, (if any), along with the General Requirements, apply to the work specified in this Section.
- 1.02 The Contractor shall compare and coordinate all Drawings and Specifications. When in the opinion of the Contractor, a discrepancy exists, he/she shall promptly report it to the Architect/Engineer for proper adjustment before proceeding with the work. Work conducted or implemented without direction in writing will be at the Subcontractor/Contractor's risk.
- 1.03 In the event that certain features of the construction are not fully shown on the Drawings, then their construction shall be of the same character as for similar conditions that are shown or noted. It is not uncommon or unusual to show one detail or elevation of a wall. If the term "typical" is used it is reasonably implied that detail or elevation is typical to the condition or space and all walls or conditions within the space are to be treated the same and as if shown.
- 1.04 Prior to commencing any work, the Contractor shall satisfy themselves as to the accuracy of all survey data as indicated in these Plans and Specifications and/or as provided by the Owner. Should the Contractor discover any inaccuracies, errors, or omissions in the data survey, he/she shall immediately notify the Architect/Engineer in order that proper adjustments can be anticipated and ordered. Commencement by the Contractor of any work shall be held as an acceptance of the survey data by him/her after which time the Contractor has no claim against the Owner resulting from alleged errors, omissions, or inaccuracies of the said survey data.
- 1.05 General Coordination:
- A. Coordinate the work of all trades so that any related work or items shown or specified elsewhere throughout the documents are included and the work completed as intended.
 - B. Coordinate the work of all trades so that each will have sufficient space and time within which to work properly and efficiently.
 - C. Changes in the intended design of the project as a result of improperly coordinated construction work will not be allowed. Delays in the work caused by rejections of installed materials due to improper coordination, and as otherwise specified, will not be considered valid justification for extensions of Contract time if such are requested by the Contractor.
- 1.06 Insofar as practical or if directed by the Architect/Engineer, HVAC systems and lighting levels shall be operational at designed levels prior to installation of painting materials, acoustical ceiling tiles, wall coverings and like items which could be damaged by unstable environmental conditions.

1.07 Altering of Structural Members:

- A. No structural member shall be omitted, notched, cut blocked out, or altered for any reason without expressed written prior approval by the Architect/Engineer.
- B. If any structural member is found to have been altered it shall be corrected as directed by the Architect at no additional cost.

1.08 No deviation in the location of plumbing, mechanical, or electrical as shown will be allowed without approval of the Architect/Engineer.

2.0 PRODUCTS

2.01 Each trade shall review the work required of other trades and be aware of what products will be installed adjacent to their work. Complete, approved submittals and show drawings of the other trades shall be available for review at the job site at all times.

3.0 EXECUTION

3.01 All areas, substrates, and conditions under which any and/or all materials are to be installed shall be inspected and any conditions detrimental to proper and timely completion of the installation shall be documented to the Architect/Engineer. Work shall only proceed when such conditions have been properly corrected.

3.02 Protection: Coordinate the work of each trade so that upon completion of any installation protective conditions are maintained to ensure the work will be without damage or deterioration at the time of acceptance.

3.03 Inspections, Re-inspections, Re-approvals, and Delays:

- A. If under the following conditions, the Contractor causes the Architect additional work, the Owner shall deduct such expenses from payment to the General or Prime Contractor. The Architect will inspect or review the work or submittals two times only, as part of the Contract. Except if after an approval the Contractor elects to make change and to resubmit, only the first review is so included. In the case of inspections (which may be phased with construction providing that each submittal must be completely informative) the criteria will apply to each separately. However, exhaustive inspection (or review) will not be required in ascertaining a continuing problem. Such a problem may be noted as a general application and it shall be the Contractor's obligation to find all such conditions and make corrections. On follow-up inspection or review, if the same problem becomes apparent as not having been corrected, further research will not be required, and general notice shall suffice. Such non-correction shall become the beginning of non-performance by the Contractor. And if in the situation of major error by the Contractor requiring extensive review and adjustment by the Architect, those costs will be deducted from the payment to the Contractor. If the contract time is exceeded by more than 2½%, the Architect's costs for Contract Administration and construction observation after that time shall be deducted from payment to the Contractor with or without other damages.

- B. Definitions: THE TERM "SUBSTANTIAL COMPLETION" SHALL MEAN THAT SUBSTANTIALLY ALL MATERIALS REQUIRED OR IMPLIED BY THE DRAWINGS AND SPECIFICATIONS ARE INCORPORATED IN THE PROJECT, THAT SUBSTANTIALLY ALL LABOR HAS BEEN PERFORMED AND THAT THE WORK IS READY FOR A FINAL CHECK OR INSPECTION BY THE ARCHITECT AND ALL LIFE SAFETY SYSTEMS ARE VERIFIED AND APPROVED AS BEING IN WORKING ORDER. "Substantial Completion" shall not mean the inclusion of such minor alterations as patching as the Final Inspection shall disclose but shall mean the building is ready for beneficial occupancy without any inconveniences to the Owner. If, upon Final Inspection of the project, more than ten (10) items are found to be uncorrected, the Architect reserves the right to terminate the Final Inspection at that point, until such time as all items are completed.

If the Contractor/Subcontractor proposes alternate systems, configuration, or alternate products that deviate what is identified in the bid documents any and all Architectural/Engineering cost incurred to investigate or modify the bid documents are to be reflected in the Contractor's proposed cost savings before finalizing the final cost impact to the project.

4.0 INSPECTION PROCEDURES

- 4.01 The Contractor shall request from the City's Building Department all inspections identified on the appropriate building permit. This request shall be made a minimum of 24 hours in advance of the desired inspection time. The request shall be made in writing by e-mail. A copy shall also be sent to the project Architect/Engineer that he/she will coordinate the particular engineer to be present as required.
- 4.02 The Building Code inspector or Architect, if approved by the Authority having Jurisdiction, will sign off once the inspections have been successfully accomplished.
- 4.03 Should a particular section fail an inspection; the Contractor shall make appropriate corrections and re-submit for re-inspection. Provide 24-hour notice.
- 4.04 The Contractor is required by the specifications to perform other test and inspections. The Contractor shall maintain in the field office copies of all test reports for review by the Building Code Inspector.

(END OF SECTION 01040)

SECTION 01042 - DIRECT PURCHASE PROCEDURES

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General Conditions, Supplementary Conditions and Special Conditions, (if any), along with the General Requirements, apply to the work specified in this Section.
- 1.02 Description: The Owner is tax exempt from sales tax on the purchase of construction materials. The Owner may elect to exercise this right to purchase directly various construction materials, supplies, and equipment that may be a part of this contract. Such direct purchase shall be without any additional cost to the Owner. The Owner will deduct State sales tax only and will not deduct City surtax. It will be the Contractor's responsibility to notify companies providing services that the Owner surtax will not be deducted. The Owner will, via Construction Purchase Orders (CPO), purchase the materials and the Contractor shall assist the Owner in the preparation of the purchase orders. The materials shall be purchased from the Vendors selected by the Contractor for the price originally negotiated by the Contractor.
- 1.03 The contract amount shall be reduced by the net, undiscounted amount of the purchase orders plus all sales taxes. This reduction in the contract amount will be implemented utilizing the AIA Change Order Form, which will reference the Construction Purchase Order affecting the change.
- 1.04 Issuance of Construction Purchase Orders by the Owner shall not relieve the Contractor of any of his/her responsibilities regarding material purchases or installations, with the exception of the payments for the materials as purchased. The Contractor shall remain fully responsible for coordination, correct quantities ordered, submittals, protection, storage, scheduling, shipping, security, expediting, receiving, installation, cleaning, and all applicable warranties. The Contractor must maintain his/her Builder's Risk policy to include materials stored onsite and materials installed onsite.
- 1.05 It is recognized that the Contractor may encounter additional overhead costs in assisting the Owner with this task. The Contractor is charged with including all additional costs as a part of the Base Bid.
- 1.06 No payment will be made for materials stored offsite. Payment is contingent on the receipt of properly verified and approved delivery tickets.
- 1.07 Terms: For the purpose of this Section the following terms will be defined:
- A. Material: Any material, supply, or item of equipment intended for permanent installation in the project.
 - B. Vendor: A company supplying materials to the project, whether such provision includes installation or not.
 - C. List of Vendors: A list of Vendors whose materials are required for the construction of the project, and which is submitted to the Owner by the Contractor for approval.

- D. Vendor Purchase Order (VPO): A material list and price quote by a Vendor required for issuance of a Construction Purchase Order by the Owner.
- E. Construction Purchase Order (CPO): An authorization issued by the Owner for the supply of stated materials and agreement to pay quoted price for material upon verification of delivery.
- F. Delivery Ticket: A receipt issued on the Vendor on a business-like form indicating the date, quantity, and type of materials delivered to the site and referencing a vendor's invoice or the Construction Purchase Order.

2.0 PRODUCTS [Not applicable.]

3.0 EXECUTION

- 3.01 Within fifteen (15) days of executing the agreement, the Contractor shall submit a List of Vendors and materials to the Owner for approval. The list shall contain the following information:
 - A. Vendor's full business name
 - B. Vendor's agent assigned to the project
 - C. Vendor's business telephone number
 - D. Materials the Vendor will supply
- 3.02 Upon approval of the Vendors by the Owner, each Subcontractor, or Vendor if no Subcontractor is involved in the installation of the material, shall issue a Vendor's Purchase Order (VPO) addressed to the Owner and submitted to the Contractor for review and approval prior to submission to the Owner's representative. The VPO shall contain the following minimum information.
 - A. Date of issuance
 - B. Project name and location
 - C. Vendor's full business name
 - D. Vendor's full business address
 - E. Vendor's business telephone number
 - F. Description of materials
 - G. Quantity of each material
 - H. Unit cost of each material
 - I. Extended price of each material (quantity time unit cost)
 - J. Sales tax on materials
 - K. Total price (extended prices plus sales tax, shipping, and handling charges)
 - L. Signature and printed name of the authorizing agent for the Subcontractor or Vendor
 - M. Signature and printed name of the authorizing agent for the Contractor
- 3.03 The Owner will issue a Construction Purchase Order in the amount of the Vendor's Purchase Order less the sales tax. The Construction Purchase Order will contain the following minimum information:
 - A. Date of issuance

- B. Project name and location
- C. Vendor's full business name
- D. Vendor's full business address
- E. Reiteration of the authorized quantity, material description, unit cost, and extended price for each material
- F. Sales tax
- G. Total price including sales tax
- H. Signature and printed name of approving agent for the Owner
- I. Signature and printed name of authorizing agent for the Owner

The CPO will be sent directly to the Vendor with a copy retained by the Owner and copies sent to the Subcontractor, Contractor, and Architect.

- 3.04 Upon receipt of the CPO by the Vendor, the Vendor shall ship the requested material and issue an invoice to the Owner for payment on materials that were shipped. The invoice shall clearly reference the CPO number.
- 3.05 All materials are to be received on the site with the Vendor's delivery ticket. The delivery tickets will be utilized by the subcontractor to certify both price and quantities of materials received. The subcontractor will then (upon verification) submit the invoice to the City of Starke Facility Department (the invoice shall be signed and contain the date and printed name of the individual signing the invoice).
- 3.06 The Owner will issue payment to the Vendor for the amount of the Vendor's invoice upon receipt of the verified invoices. The Owner shall provide a payment schedule to the Contractor and any Subcontractor or Vendor upon request. In order to maintain timely payments, it will be the responsibility of the Subcontractor/Vendor and the Contractor to process delivery tickets in accordance with the payment schedule.
- 3.07 The Contractor shall be responsible for maintaining a summary of materials purchased and tax savings for inclusion on the AIA Form G702, Application, and Certification for Payment. The total cost of goods directly purchased by the Owner shall appear on Line 8 and the total sales tax savings on goods directly purchased by the Owner shall appear on Line 9. Both lines will then be deducted from the contract amount via Change Order when determining payment due to the Contractor.

VENDOR PURCHASE ORDER

DATE: _____

PROJECT: _____

BID PACKAGE NO.: _____

DELIVER TO: _____

ADDRESS: _____

CITY/ST: _____

DELIVERY DATE: _____

VENDOR: _____

(Print Vendor's Name, Address, City State, Zip Code.)

CONTACT PERSON: _____

PHONE: _____ **FAX:** _____ **E-MAIL:** _____

QUANTITY	DESCRIPTION OF MATERIALS	UNIT COST	PRICE
THIS IS TO REQUEST A PURCHASE ORDER ONLY. VENDOR MUST SEND INVOICE AND DELIVER MATERIALS TO SITE TO RECEIVE PAYMENT.		SUBTOTAL	
		SALES TAX	
		TOTAL	

(Signature) Phone Number

(Signature) Phone Number

(Signature) Phone Number
Authorized Agent for Subcontractor

(Signature) Phone Number
Authorized Agent for Subcontractor

(END OF SECTION 01042)

SECTION 01060 - CODES, PERMITS, AND FEES

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General Conditions, Supplementary Conditions and Special Conditions, (if any), along with the General Requirements, apply to the work specified in this Section.
- 1.02 All work contained under this Contract is based on the requirements contained in the latest one or more of the following:
- A. The Standard Florida Building Code (8th Edition)
 - B. Florida Standard Plumbing Code (8th Edition)
 - C. Florida Standard Mechanical Code (8th Edition)
 - D. Florida Standard Gas Code (8th Edition)
 - E. Florida Fire Prevention Code (8th Edition)
 - F. Florida Existing Building Code (8th Edition)
 - G. NFPA 70, National Electrical Code 2020
 - H. NFPA 1, Fire Code 2021
 - I. NFPA-101 Life Safety Code 2024
 - J. ANSI A117.1 (Physically Handicapped): 2017 (or latest edition)
 - K. Other Standards as referenced or specified in other Sections
- 1.03 Contractor and all Subcontractors shall comply with all laws, codes, and ordinances applicable to the work. This shall include Federal, State, County, and/or Municipal Entities having jurisdiction.
- 1.04 If governing Laws, Codes, or Ordinances conflict with this Specification, then the Laws, Codes, or Ordinances shall take precedence, except where these Specifications exceed them in quality of materials or labor, then the Specifications shall be followed. When a conflict occurs, the Architect/Engineer shall be notified before proceeding with the work.
- 1.05 Except as otherwise required by this Section, all products and workmanship shall conform to the best quality and practices recognized by Agencies, Associations, Councils, etc., as specified in individual Sections.
- 1.06 In the absence of specified standards, the Contractor shall conform to the requirements of the most widely recognized standards for each particular portion of the work.

(END OF SECTION 01060)

SECTION 01100 – ALTERNATES/SUBSTITUTIONS

1.0 SCOPE

- 1.01 Related Documents: The General Provisions of the Contract, including the General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 It is the purpose of this section of the specifications to describe items that are to be included in the Contractor's proposal as Additive Alternates.
- 1.03 It is not the intent of this section of the specifications to describe methods of construction or installation of alternate items, but only to itemize the extent of Alternates. See Drawings for additional information concerning the extent of Alternates and their locations.
- 1.04 In the event that Alternates are accepted, all provisions of documents, contract drawings, other contract documents, and the various trade sections of these specifications will govern any Alternate construction, materials, or equipment.
- 1.05 Alternates may be accepted in any order the Owner selects up to the limit of monies available.
- 1.06 Each bidder shall state in his/her proposal the amounts to be added or deducted to the Base Bid for all Alternates in accordance with the following Alternate proposals.
- 1.07 A bidder may be excluded from consideration for award of the contract if he/she has not submitted a price for a particular Alternate that the Owner chooses to accept.

2.0 ALTERNATE PROPOSALS

- 2.01 **Additive Alternate No. 1 – Replace Existing High Bay Lighting:** Contractor to provide a figure to be added to the Base Bid representing the required labor and material and miscellaneous incidentals for a complete replacement of the existing high bay lighting fixtures with LED sports lighting fixtures (Nexlux). Contractor to provide all miscellaneous incidentals needed for a complete installation. Contractor will need to field verify field conditions to familiarize themselves with all field conditions.
- 2.02 **Additive Alternate No. 2 – Replace Existing Emergency Exit Lighting:** Contractor to provide a figure to be added to the Base Bid representing the required labor and material and miscellaneous incidentals for a complete replacement of the existing emergency exit lighting fixtures with battery operated illuminated emergency exit lighting fixtures. Contractor to provide all miscellaneous incidentals needed for a complete installation. Contractor will need to field verify field conditions to familiarize themselves with all field conditions.

(END OF SECTION 01100)

SECTION 01150 – STANDARDS

1.0 GENERAL

1.1. Related Documents

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification sections, apply to work of this section.
- B. In addition to “The Florida Building Code 8th Edition, all, or the specific portions cited, of the following building codes are hereby incorporated by reference and made a part of this rule. In the case of conflicting requirements or where the FBC is mute, the more, or most stringent, shall apply. The following codes, standards, and references shall be the latest edition:
 - a. **ACI 318.** American Concrete Institute, “Building Code Requirements for Structural Concrete and Commentary”.
 - b. **AHERA.** Asbestos Hazard Emergency Response Act, 40 CFR, Part 763.
 - c. **AISC.** American Institute of Steel Construction edition adopted by the FBC.
 - d. **AISI.** American Iron and Steel Institute.
 - e. **ANSI.** American National Standards Institute.
 - f. **ASCEW.** American Society of Civil Engineers. References to ASCE 7. Standards shall be the latest edition.
 - g. **ASHRAE.** American Society of Heating, Refrigeration, and Air Conditioning Engineers.
 - h. **ASIC.** American Society of Irrigation Consultants.
 - i. **ASTM.** American Society for Testing Materials.
 - j. **DCA.** Department of Community Affairs.
 - k. Florida Americans with Disability Implementation Act and the Florida Accessibility Code for Building Construction, as adopted by the State Board of Building Codes and Standards.
 - l. Florida Energy Efficiency Code for Building Construction (FEEC), as adopted by the State Board of Building Codes and Standards under Rule 9B-3.047 FAC.
 - m. **DOT–AASHTO.** American Association of State Highway and Transportation Officials “Standard Specifications for Highway Bridges” as modified by Florida DOT Structures Design Guidelines.
 - n. **FBC.** Florida Building Code, all code divisions.
 - o. **FBC.** Fuel Gas Code.
 - p. **FBC.** Mechanical Code.
 - q. **FBC.** Plumbing Code.
 - r. **FBC.** Test Protocols for high velocity hurricane zones.
 - s. **FEMA. Federal Emergency Management Agency.** Rules and Regulations 44 CFR, Parts 59 and 60, for flood plain criteria governing insurability of facilities constructed in flood plain areas.
 - t. **MIL-L-19140E.** Military Specifications for Lumber and Plywood, Fire Retardant Treated.
 - u. **NEC.** National Electrical Code, (NFPA 70).
 - v. **NFOPA.** National Forest Products Association.
 - w. **NFPA.** National Fire Protection Association. NFPA 101 and other NFPA codes as applicable. Exceptions are NFPA 101 Sections 10-2.2.7 and 10-7.2.2.7 “Exit Passageways” and where NFPA codes are exceeded by these State Requirements.

- x. **OSHA.** Occupational Safety and Health Administration, U.S. Department of Labor, 29 CFR.
- y. **SBC/SSTD-12.** SBCCI Test Standard for determining impact resistance from wind borne debris.
- z. **SJI.** Steel Joist Institute.
- aa. **TMS.** The Masonry Society Standards; TMS 602, TMS 402.
- bb. **SMACMA.** Sheet Metal and Air Conditioning Material Association.

(END OF SECTION 01150)

SECTION 01200 - JOB SITE ADMINISTRATION

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General Conditions, Supplementary Conditions and Special Conditions, (if any), along with the General Requirements, apply to the work specified in this Section.
- 1.02 Project Superintendent: The Contractor shall provide a qualified, superintendent at the project site throughout the construction. The superintendent shall maintain, at the job site, a complete and accessible file containing all submittals, shop drawings, and samples approved by the Architect/Engineer as well as supplemental erection or installation instructions for these items.
- 1.03 Site Access: Access to the site and construction operations shall at no time interfere with normal business operations of existing neighboring buildings or their parking, nor cause damage to any of the existing buildings, paving, utilities, or landscaping. In the event that any should occur, the Contractor shall repair, replace, or otherwise correct the damage at his own expense.
- 1.04 Periodic Cleaning: The Contractor shall maintain the building and site in a safe manner, free from accumulation of construction debris. Clean and remove debris at least once a week.
- 1.05 Site Maintenance: Comply with the requirements of the governing authorities concerning the use of the public streets and rights-of-way for deliveries, access, and construction. Maintain in good condition and repair or replace pavement, curbs, utilities and other improvements damaged during construction to the satisfaction of the governing authority having jurisdiction.
- 1.06 Preconstruction Organization: Before beginning work at the site the Contractor shall attend a Preconstruction Conference scheduled by the Owner and/or Architect and bring with him/her the Superintendent employed for this project. In the event the Contractor is unable to attend, he/she shall send a letter of introduction by the Superintendent in which he/she advises the Superintendent's full name and states that he/she is assigned to the project and will be in full responsible charge. At this time all parties concerned will discuss the project under contract and prepare a program of procedure in keeping with requirements of the Drawings and Specifications. The Job Superintendent or his/her designee will be present on the job site during work efforts to ensure Safety and Quality Control of his/her work efforts. This will ensure the Architect/Engineer or Owner representative will have access to a representative of the Contractor at all times. The Superintendent shall henceforth make every effort to expeditiously coordinate all phases of the work, including the required reporting procedure, to obtain the end result within the full purpose and intent of the Plans and Specifications for the project. The Contractor's representative (Superintendent) will ensure that any Owner equipment/instructional material left in the construction area shall not become a victim of theft, damage, or destruction. The Owner will be responsible to

ensure all Owner equipment/instructional material left in the construction area are under lock and key or be so protected as to not allow them to be easily removed. The Contractor shall not remove the Superintendent without first contacting the Architect/Engineer in writing. Then only by providing the new Superintendent with enough time to familiarize themselves with the project.

1.07 General:

- A. Prior to the start of construction, the Architect/Engineer will arrange a Preconstruction Meeting to be attended by the Owner, Architect/Engineer, and Contractor.
- B. The purpose of this conference will be to discuss and clarify contract administration procedures which will be employed during construction.
- C. The Preconstruction Meeting shall be held at a time and date to be determined by the Owner.

1.08 Preconstruction Meeting:

- A. Attendance:
 - 1. Owner
 - 2. Architect/Engineer
 - 3. Contractor and Job Superintendent (Subcontractors)
- B. Agenda:
 - 1. Tentative construction schedule.
 - 2. Critical work sequencing.
 - 3. Relation and coordination of subcontractors.
 - 4. Designation of responsible personnel and duties.
 - 5. Processing of field decisions and Change Orders.
 - 6. Submittals of Shop Drawings where required.
 - 7. Use of premises and site.
 - 8. Delivery of materials.
 - 9. Security procedures.
 - 10. Other pertinent activities.

(END OF SECTION 01200)

SECTION 01300 – SUBMITTALS

1.0 GENERAL

1.01 Related Documents: The General Provisions of the Contract, including the General Conditions, Supplementary Conditions and Special Conditions, (if any), along with the General Requirements, apply to the work specified in this Section.

1.02 Construction Schedule:

- A. The Contractor, within ten (10) days of award of the Contract, shall prepare and submit, with the approval of the Owner and/or Architect/Engineer, a complete graphic construction schedule showing dates upon which each item or Subdivision of the work shall begin and end. Schedule shall also show required delivery dates for material or equipment to be supplied by the Owner.
- B. The graphic schedule shall be divided into at least weekly periods so that at any period the actual state of the work may be clearly determined.
- C. Schedule shall be updated monthly and distributed to appropriate agencies.

1.03 Manufacturer's Specifications:

- A. Where the name of a concern or manufacturer is mentioned on the Drawings or in the Specifications in reference to his/her required service or product, and at no qualifications or specifications of such is included, then the material gauges, details of manufacturer, finish, etc., shall be in accordance with his/her standard practices, directions, or specifications. The Contractor shall be responsible for any infringement of patents, royalties, or copyrights which may be incurred thereby.

2.0 PRODUCTS

2.1 Shop Drawings and Samples:

- A. Shop Drawings and submittals as required by other Sections of these Specifications shall be submitted in a timely manner, dated and contain the following: name of project; and complete description or names of equipment, materials and items, and complete information including locations which materials are to be installed, and methods of attachment or anchorage.
- B. Shop Drawings shall be accompanied by a transmittal letter containing project name, Contractor's name, number of drawings, titles and other pertinent data. Each submittal shall be numbered sequentially and the reference number used as identification on all correspondence.
- C. Submittals shall be on opaque paper and may also be manufacturers printed data sheets adapted to the project requirements. Submit in sufficient quantity to provide the following:
 - 1. Copy for Owner
 - 2. Copy for Architect
 - 3. Copy for Engineer
 - 4. Copy for Consultant (if appropriate)
 - 5. Copies required by Contractor
 - 6. Copy for job site
 - 7. Copy for Subcontractor

Number of submittals required will be determined at the Preconstruction Meeting. In general, the Owner retains one (1) copy, Architect one (1) copy and at the end of the

- project the Contractor to assemble one (1) copy of each shop drawing as part of the closeout.
- D. Shop Drawings submitted to the Owner/Architect/Engineer for his/her approval shall first be thoroughly checked for conformance and interfacing with adjacent systems and approved by the Contractor, the prima facie envelope of which shall be a "checked" stamp marked "Approved as Noted" on each Shop Drawings, placed thereon by the Contractor. Architect/Engineer Shop Drawings received without the Contractor's "checked" stamp will be cause for immediate return without further action. Each drawing correctly submitted will be checked by the Architect/Engineer and marked by him/her in one of the following ways:
1. No exceptions taken.
 2. Comply with markings.
 3. Revise and re-submit.
- E. Samples required shall be as specified and shall include identification of the specific item and the submittal number to which it applies. To allow Owner and Architect to develop a color scheme, full-color samples shall be furnished for at least the following items:
1. Samples:
 - Paint
 - Poured Quartz Epoxy
- F. It shall be the responsibility of the Contractor to properly schedule the submission of Shop Drawings for approval to allow adequate time for checking of Drawings, manufacturers, and shipments of items to job site in sufficient time to prevent delaying Progress Schedule. The Architect/Engineer will require roughly one week typically to review shop drawings of average size; larger complicated submittals may require additional time. Color related shop drawings may be reviewed at the Architect/Engineer's discretion without having all the color related samples on hand and note colors to follow until overall color scheme has been finalized.
- G. It shall also be the responsibility of the Contractor to coordinate the preparation of Shop Drawings of items that will be furnished by more than one manufacturer but are designed to interface when installed.
- H. The Owner will not grant a time extension based on delays due to improper scheduling of work; and the Owner, at his/her discretion, may withhold progress payments until such time as these requirements are fully satisfied.
- I. The following is a partial list of required Shop Drawings and Descriptive Literature. Provide Shop Drawings and/or Descriptive Literature of other items as required in the Technical Sections of the Specifications.
1. Paint
 2. Poured Quartz Epoxy Flooring
 3. Toilet Partitions
 4. Etc.

2.02 Warranties and guarantees shall begin on the official date of substantial completion and shall be in effect for a minimum of one year unless specified for a longer period. Include all specific items covered, company name(s) and addresses and name of person authorized to warrant or guarantee items, if not blanket coverage.

- A. If, within any guarantee period, repairs or changes are required in connection with the guarantee work which, in the opinion of the Architect/Engineer, is rendered necessary as the result of the use of materials, equipment, or workmanship which are defective or inferior or not in accordance with the terms of the Contract, the Contractor shall

- promptly upon receipt of notice from the Owner, and without expense to the Owner, proceed to:
1. Place in satisfactory condition in every particular, all of such guaranteed work, correct all defects therein, and;
 2. Make good all damages to the structure or site or equipment or contents thereof which, in the opinion of the Architect/Engineer, are the result of the use of materials, equipment or workmanship which are inferior, defective, or not in accordance with the terms of the Contracts; and
 3. Make good any work, materials, equipment, contents of structures, or sites disturbed in fulfilling any such guarantee. If the Contractor, after notice, fails to proceed promptly to comply with the terms of guarantee, the Owner may have the defects corrected and the Contractor and his/her Surety shall be liable for all expenses incurred.
- 2.03 The Contractor shall deliver to the Owner, as part of the Final Completion Requirements **two (2)** complete sets of Maintenance and Operating Manuals, in hardcover ring binders, indexed and divided into the Sections, with tabs for ease of locating the various Sections. **One (1)** copy is to be submitted directly to the Owner and **one (1)** copy to be forwarded to the Architect and individual engineers for their review and return to the Architect for delivery to the Owner with the compliance or deficiency letter. The Contractor shall deliver to the Owner: **Two (2)** copies of the manufacturer's name and address, nearest distributor's name, address and phone number, nearest service representative's name, address, office and home phone numbers, complete diagrams, operating instructions, maintenance manuals and parts lists for each item of equipment.
- 2.04 Review of Submittals:
- A. Architect/Engineer's review is for general compliance with Contract Documents. Markings do not relieve Contractor from compliance with requirements of Contract Documents. The Contractor is responsible for correctness of dimensions and details and for coordination of the work of all trades.
 - B. Any submittal marked "Revise and Resubmit" shall be corrected in a timely manner and clearly marked as a re-submittal.
- 2.05 Written Documents:
- A. All written documents, including letters, transmittals and requests by the Contractor shall be on standard letter or legal-size paper and include Contractor's name, project name, Architect/Engineer's project number, date, and be signed by authorized personnel.
 - B. The Architect/Engineer, in noting and marking submittals, will use the color red. The Contractor shall use the color green. All other colored markings shall be disregarded.
 - C. Contractor shall have at least one complete set of Contract Documents, approved submittals, and Shop Drawings on the job site at all times, when work is in progress.
- 2.06 As-Built Drawings:
- A. Upon Final Completion of the Work, the data shall be recorded in ink, to scale, by a competent draftsman on black line prints on transparent (reproducible) paper of the Contract Drawings. Where changes are to be recorded, the black line prints shall be erased before the changes are made. Each sheet shall bear the date and name of the Subcontractor submitting the Drawings. Two sets of the black line prints and four copies of a CD scan shall be submitted to the Architect/Engineer upon completion.

B. As-built finals shall be delivered at Final Completion as part of the closeout documents.

(END OF SECTION 01300)

SECTION 01320 - PROGRESS REPORTING

1.0 PROGRESS SCHEDULE (to be coordinated with Owner)

- 1.01 Within ten (10) days after the date of the Owner's issuance of a Notice to Proceed, the Contractor shall prepare and submit to the Architect/Engineer a Construction Schedule in quadruplicate graphically depicting the activities contemplated to occur as a necessary incident to performance of the work required to complete the project, showing the sequence in which the Contractor proposes for each such activity to occur and the duration (dates of commencement and completion, respectively) of each such activity.
- 1.02 At least once each month, the Architect/Engineer shall determine whether the Construction Schedule developed and submitted by the Contractor meets the requirements stated above and whether the progress of the work complies with the Contractor's schedule. Failure of the Contractor to develop and submit a Construction Schedule as aforesaid shall be sufficient grounds for the Architect/Engineer to find the Contractor in substantial default and certify to the Owner that sufficient cause exists to terminate the contract or to withhold any payment.
- 1.03 Following development and submittal of the Construction Schedule as aforesaid, the Contractor shall, at the end of each calendar month occurring thereafter during the period of time required to finally complete the subject project, or at such earlier intervals as circumstances may require, update and/or revise the Construction Schedule to show the actual progress of the work performed and the occurrence of all events which have affected the progress of performance of the work already performed or will affect the progress of performance of the work yet to be performed in contrast with the planned progress of performance of such work, as depicted on the original Construction Schedule and all updates and/or revisions thereto as reflected in the updated and/or revised Construction Schedule last submitted prior to submittal of each such monthly update and revision. Each such update and/or revision to the Construction Schedule shall be submitted to the Architect/Engineer in duplicate. Failure of the Contractor to update, revise, and submit the Construction Schedule as aforesaid shall be sufficient grounds for the Architect/Engineer to find the Contractor in Substantial Default and certify to the owner that sufficient cause exists to terminate the Contract or to withhold payment to the Contractor until a schedule or schedule update acceptable to the Architect/Engineer is submitted.
- 1.04 The Contractor shall have the option of scheduling a substantial completion date established by the Contract Documents for substantial completion; provided, however, in such event such earlier substantial completion date will be recognized by the Owner only as a matter of convenience to the Contractor and shall not change the date for substantial completion established by the Contract Documents or be otherwise binding on the Owner or anyone under the Owner's control; and provided further, however, in such event should events occur during performance of the work necessary to complete the subject project which would justify the granting to the Contractor of an extension of the Contract Time pursuant to the provision of Article 8 of the AIA General Conditions which form a part of

the Contract Documents, the Contractor shall be entitled to receive only such an extension of the Contract Time as is determined by the Architect/Engineer to be due the Contractor as follows:

- A. In the event the currently approved Contractor's schedule indicates completion ahead of the contractually established date for Substantial Completion, the time extension to the Contract shall only be determined, when the total time directly affecting the critical path of the schedule is added to the end date of the schedule thereby making a new end date beyond the contractual completion date, as the time between the contractual completion date and the new schedule end date.
- B. In the event the currently approved Contractor's schedule indicates completion at or after the contractually established date for Substantial Completion, the time extension shall only be added to the contractually established date for Substantial Completion and shall be determined by the Architect/Engineer as the portion of delay time directly affecting the critical path of the current approved contract schedule.

2.0 PROGRESS REPORTS

- 2.01 As accompaniment to the monthly updated Progress Schedule, the Contractor shall submit a Monthly Progress Report in a concise and attractive format approved by the Architect/Engineer. The Monthly Progress Report shall address separately each of the following topics:
 - A. General progress of the work during the preceding month.
 - B. Progress outlook for the upcoming month.
 - C. Change orders, including status of any pending changes in the work.
 - D. Administrative: Delays in the work during the preceding month; current or anticipated delays; any needed decisions regarding the work.
 - E. Information needed from the Architect/Engineer.
 - F. Information needed from the Owner.
- 2.02 Photographs illustrating the report and/or documenting the progress may be included in the report as required by the Project Manager.

(END OF SECTION 01320)

SECTION 01410 - PROCEDURES AND QUALITY CONTROL

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General and Supplementary Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Codes and Regulations: Construction shall meet the requirements of the 8th Edition Florida Building Code and the 8th Edition Florida Fire Prevention Code. Refer to Section 01060 for specific applicable codes.
- 1.03 Codes and Regulations: The Contractor shall be responsible for the calling to the Architect's attention any details or specifications that are not in conformance with applicable codes. Where no specific method or form of construction is called for in the Contract Documents, the Contractor shall comply with 8th Edition Florida Building Code requirements in carrying out such work.
- 1.04 Comply with regulations and codes of suppliers of utilities, and comply with all other local, state, and federal regulations and standards concerning building construction.
- 1.05 General Quality and Standards: To facilitate rapid examination, the detailed Specifications concerning basic requirements for labor, materials, equipment, and/or incidentals to be used on the project are included under the various divisions in as brief a form as is consistent with clarity. The primary concern of the detailed Specifications is for standards of performance expected for the finished work.
- 1.06 The interests of the Owner, the General Contractor, and others concerned with the work require the inclusion of certain general governing requirements and standards, as a precaution against contingency and to provide for the conditions under which the construction and the administration of the work will be carried out.
- 1.07 General requirements for the quality of the work, when not otherwise covered in more specific detail in the Specifications, will be governed by certain trade standards as described in this section on "Procedures and Quality Control."
- 1.08 These Specifications consider the project as a whole and assume its completion under a General Contract. Further, the scope of subcontractors and the quantities of materials and labor supplied to the General Contractor by others are assumed to be matters governed by agreement between the General Contractor and his/her subcontractors and suppliers and not by agreement between the Owner and any subcontractor or supplier.
- 1.09 Various sections of the construction specifications are intended to govern only the quality of work and/or materials incidental to the particular branch of work mentioned in this section title. Sections are not intended as itemizations of the work or materials to be furnished or to limit or define the scope of any subcontract or agreement to furnish material and labor.
- 1.10 The furnishing of all items of material, labor, equipment, and/or incidentals necessary to the completion of the project as a whole will be expected when such items are called for on the Drawings by diagram, note, or schedule, are listed in the Specifications, or are

reasonably inferred by either or a combination of both to ensure a complete assembly and project.

- 1.11 Substitutions: Products are generally specified by ASTM or other reference standard and/or manufacturer's name and model number or trade name. When specified only by reference standard, the Contractor may select any product meeting this standard, by any Manufacturer. When several products or manufacturers are specified as being equally acceptable, the Contractor has the option of using any product and manufacturer combination listed.
- 1.12 After the Contract has been executed, the Owner and the Architect will consider a formal request for the substitution of products in place of those specified, under the following conditions:
 - A. The request is submitted within thirty (30) days after the award of the Contract.
 - B. The request is accompanied by complete data on the proposed substitution substantiating compliance with the Contract Documents, including product identification and description where applicable and an itemized comparison of the proposed substitution with the products specified or named by Addenda with data relating to contract time schedule, design and artistic effect where applicable and its relationship to separate contracts.
 - C. The request is accompanied by accurate cost data on the proposed substitution in comparison with the product specified, whether or not modification to the contract sum is to be a consideration.
- 1.13 Requests for substitution based on the above conditions, when forwarded by the Contractor to the Architect, are understood to mean that the Contractor:
 - A. Personally, investigated the proposed substitute product and determined that it is equal or superior in all respects to that specified.
 - B. Will provide the same guarantee for the substitution that he/she would for that specified.
 - C. Certifies that the cost data represented are complete and include all related costs under this Contract but exclude costs under separate contracts and the Architect's redesign costs and that he/she waives all claims for additional costs related to the substitution which subsequently become apparent.
 - D. Will coordinate the installation of the accepted substitute, making such changes as may be required for the work to be complete in all respects.
 - E. Contractor will be responsible for reimbursement of any and all costs to the Architect for additional Architectural and Engineering efforts required to implement the Contractor's proposed changes.
- 1.14 Substitutions will not be considered if:
 - A. They are indicated or implied on shop drawing submissions without the formal request required above.
 - B. For their implementation they require a substantial revision of the Contract Documents in order to accommodate their use.
- 1.15 Preconstruction Conference: Before beginning work at the site, the General Contractor shall attend a Preconstruction Conference and shall bring with him/her the Superintendent employed for the duration of the project. Also, instruct the plumbing, mechanical, and electrical subcontractors or their representatives to attend this meeting. At this time, all the parties concerned will discuss the project under Contract and will prepare a program of

procedure in keeping with the requirements of the Drawings and Specifications. The Superintendent shall henceforth make every effort to expeditiously coordinate all phases of the work, including the required reporting procedure, to obtain the end result within the full purpose and intent of the Drawings and Specifications for the project.

- 1.16 Project Sign: Not Required.
- 1.17 Warranties: Except as otherwise specified, all work shall be warranted by the Contractor against defects resulting from the use of inferior materials, equipment or workmanship for one year from the date of final completion of the Contract, or from full occupancy or use of the project (for which it was designed) by the Owner, whichever is earlier.
- 1.18 If, within any warranty period, repairs or changes are required in connection with the warranted work, which in the opinion of the Architect/Engineer, are rendered necessary as the result of the use of the materials, equipment, or workmanship which are defective or inferior or not in accordance with the terms of the contract, the Contractor shall, promptly upon receipt of notice from the Owner, and without expense to the Owner, proceed to:
- A. Place in satisfactory condition, in every particular, all of such warranted work, and correct all defects therein.
 - B. Make good all damage to the structure or the site, or equipment or contents thereof, which, in the opinion of the Architect/Engineer, is a result of the use of materials, equipment or workmanship which are inferior, defective, or not in accordance with the terms of the Contract.
 - C. Make good any work or materials, or the equipment and contents of structures or site, disturbed in fulfilling any such warranty.
 - D. If the Contractor, after notice, fails to proceed promptly to comply with the terms of the warranties, the Owner may have the defects corrected; and the Contractor and his/her surety shall be liable for all expenses incurred.
 - E. The date of Substantial Completion issued by the Architect will be the date the warranties will commence. If a product is replaced for any reason the new date of that item's warranty will begin when that item has been successfully installed and found to be in working order.
- 1.19 Supervision: General Contractor is to have a Superintendent, employed by him/her throughout the duration of the project, present at work areas whenever any Subcontractors', as well as Contractor's personnel are working, unless other arrangements are agreed to with Owner. Supervision by General Contractor of all work under this Contract is mandatory.
- 1.20 The Contractor shall furnish sufficient forces, construction plant, and equipment and shall work such hours, including night shifts and overtime operations, as may be necessary to ensure the procession of the work and to complete the work within the specified time. The Contractor shall take such steps as may be necessary to improve his/her progress by increasing the number of shifts, overtime operations, days of work, and the amount of construction plant, all without additional cost to the Owner.
- 1.21 Failure of the Contractor to comply with the requirements under this provision shall be grounds for determination by the Architect that the Contractor is not prosecuting the work with such diligence as will ensure completion within the time specified, and such failure constitutes a substantial violation of the Agreement.

- 1.22 Upon such determination, the Owner may terminate the Contractor's right to proceed with the work, or any separable part thereof, in accordance with Article 14 of the AIA General Conditions.

(END OF SECTION 01410)

SECTION 01500 - TEMPORARY FACILITIES (to be coordinated with Owner)

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Temporary Storage Sheds: The Contractor may provide on-premises at convenient location with respect to building construction areas, suitable watertight storage sheds for storage of materials, equipment, and tools which might be damaged by exposure to the weather and job site telephone. Sheds shall be of sufficient size and capacity to hold all damageable materials that may be on site at one time. Floors shall be raised at least six inches above the ground and be supported by heavy joists or sleepers. Contractor shall maintain sheds in good condition and shall relocate same from time to time as necessary where preliminary location might interfere with subsequent work. Remove sheds when no longer needed.
- 1.03 Temporary Toilet Facilities: The Contractor shall furnish, install, and maintain ample sanitary facilities for use of workmen of all trades engaged in work under the Contract. Portable facilities shall be used. Temporary toilets shall be constructed at time work is commenced and shall be subject to applicable City Ordinances, Health Department requirements, and rules and regulations of governing authorities by code or otherwise.

[Note: Owner may allow use of toilet facilities in the existing adjacent facility after project has been awarded.]

1.04 Temporary Utilities:

- A. Arrangement and Payment: The Owner may furnish accessibility to water and electrical power free of charge to the Contractor from adjacent existing facility. The Contractor shall make all necessary arrangements and shall pay for sewage service and removal of rubbish and debris during the construction of the buildings as may be required for use of his/her own forces and those of his/her Subcontractors, and as required by them until acceptance of the work by the Owner.
- B. Water: The Owner will have water service adjacent to the construction site for the Contractor's use. Contractor is to provide all hoses and piping required for construction.
- C. Electrical: The Owner will provide electric service and Contractor to furnish extension cords to area needed. The Contractor shall provide wiring, fuses; disconnect switches, safety devices, junction boxes, panel boxes, ground fault protections, and transformer, if required, in connection with use of temporary electrical service for lighting and power during construction. All items and installations are to conform to the requirements of the National Electrical Code, and "Occupational Safety and Health Act of 1970." Observations by the Architect, his/her agents, or any recognized agency indicating failure to comply with code requirements shall be cause for immediate suspension of the job site operations by the Contractor until the system is in full compliance. No extension to the contract time shall be allowed for such suspension of job site operations.
- D. All temporary water and electrical connections, if needed, shall be made at locations and in a manner approved by the Owner. These services shall be maintained in a safe condition. All temporary services, if needed, shall be

completely removed and all disturbed work returned to its as found condition, when the services are no longer needed.

- 1.05 Public Protection: The Contractor shall provide applicable temporary public protection facilities and precautions to avoid damage to persons and property including streets, utilities, and adjacent private and public property. Compliance with "Occupational Safety and Health Act of 1970" Federal Statute, and Part 1926, "Safety and Health Regulations for Construction", published by the Associated General Contractors of America is required. The Contractor shall minimize delivery of construction materials and heavy traffic to and from the site during one critical hour when occupants are arriving and leaving the site. The Owner will advise the Contractor of the times at the Preconstruction Meeting.
- 1.06 Fire Hazards: The Contractor shall observe and enforce compliance by all trades engaged in work under the Contract with requirements of city, county, state, federal, and Insurance Underwriter's regulations to minimize fire hazards incidental to the work.
- 1.07 Watchman and Janitor Service:
- A. Watch Requirements: The Contractor may employ and pay for watchmen, or a watchman's service, as he/she deems necessary to protect his/her own interest, and he/she shall be responsible for and pay for losses or damages to the Owner's materials or other property as a result of theft, mysterious disappearances, or intrusions by strangers.
 - B. Janitorial Requirements: The Contractor shall keep sanitary facilities clean and supplied, dispose of waste, attend to drinking water requirements, and render such other housekeeping or janitorial services as may necessary to keep job office, job site, the work, and temporary toilets clean and in first class conditions.

(END OF SECTION 01500)

SECTION 01530 – BARRIERS (If required for Safety)

1.0 GENERAL

1.01 Summary: It is the intent of this section to provide for the furnishing, erecting, providing, and installing of all protective barriers to prevent harm to workmen or students by adequately marking and designating work areas that may be cause of such harm and to adequately mark those areas containing stored materials to prevent damage.

1.02 Description:

- A. Erect barriers around areas of construction to warn all persons of the possible hazards of personal injury when entering such areas. Erect barricades around open holes and work edges or other such items which may, because of location of work areas or type of work, because of injury or harm to any person within construction areas.
- B. Erect barriers around existing planting areas to protect landscaping plants from damage due to construction operations, storage of materials, and abuse by workmen.
- C. The Contractor shall erect barriers or fences to protect materials stored onsite and to prevent children from playing on stored materials and equipment.

2.0 PRODUCTS

2.01 Barriers:

- A. Barricade may be portable, prefabricated types or erected and fabricated onsite of wood or rope and chains.
 - 1. Signs:
 - a. Post at not more than 12 feet apart and attached to barricade.
 - b. Attach signs stating "Danger" or "Do Not Enter".
 - 2. Flags: post red colored flags at not more than 6 feet apart.
 - 3. Barricades:
 - a. Each barricade type shall meet OSHA standards.
 - b. OSHA standards exceed all other type barricades listed herein.
- B. Landscaped Areas: Erect barriers to prevent workmen from entering or storing materials in planting areas.

3.0 EXECUTION

- 3.01 Barriers shall remain in place during entire construction operations, from demolition until substantial completion.
- 3.02 Barrier locations will be determined on the plan sheet as approved by Project Manager/Architect/Engineer and will be discussed at the Preconstruction Meeting.
- 3.03 Barriers shall be removed at completion of all construction operations.

(END OF SECTION 01530)

SECTION 01560 - TEMPORARY CONTROLS

1.0 GENERAL

- 1.01 The General Provisions of the Contract, including the General Requirements, Supplementary Conditions, and Special Conditions, (if any), along with the General Requirements, apply to the Work specified in this Section.
- 1.02 In addition to the controls specified elsewhere in this Specification, the Contractor shall maintain control of the construction site and environmental effects which are present during construction.
- 1.03 The Contractor shall maintain controls over noise, dust, water, pests and rodents, and pollution sources present during construction to locally acceptable levels.
- 1.04 Debris Control: The Contractor shall keep the building, site, and adjacent properties, free from the accumulation of construction debris during the life of the construction project. Clean and remove debris at least once a week.
- 1.05 Protection: Adequate protection measures shall be provided to protect all workmen and passers-by. Street and adjacent property shall be duly protected throughout the work. All remaining trees and plants shall be carefully protected from damage. Shoring, sheeting and bracing shall be provided to prevent caving, erosion or gullies of sides of excavations.

(END OF SECTION 01560)

SECTION 01620 - MATERIALS, STORAGE, AND PROTECTION

1.0 GENERAL

- 1.01 All materials shall be new and delivered to the site in original manufacturer's or fabricator's bundles, packages, containers, etc. and tagged or otherwise marked or labeled for proper identification.
- 1.02 Store all materials in appropriate manner from elements and weather off ground, under cover or in enclosures as required by manufacturer's recommendations, code, or trade association recommendations.
- 1.03 Ventilate enclosed or covered areas to prevent moisture damage to materials.
- 1.04 Do not allow materials to become unusable by contamination from foreign matter, frost, ice, rust, corrosion, etc.
- 1.05 Obtain all similar types of materials or products from single manufacturer, produced by similar or duplicate methods. Do not change sources or brands during the course of the work unless approved by the Architect/Engineer.
- 1.06 Contractor is to coordinate sidewalk closure, if necessary, to accommodate loading and unloading of materials and temporary storage of construction dumpster. Contractor is to ensure that any construction related work is secured and fenced from the public with all necessary flagging, warning signage, and safety measures in place at all times.

2.0 PRODUCTS

- 2.01 As required by specifications.

3.0 EXECUTION

- 3.01 Inspect all materials and products prior to installation or incorporation into the work.
- 3.02 Do not install materials or items which are damaged or otherwise not acceptable. Acceptance of project is contingent upon all items or materials being in proper operating condition and free from defects, blemishes, or damage.
- 3.03 Install all items specified or referenced by specification in locations and manner shown or required. Proprietary items shall be installed in manner and under conditions recommended by the manufacturer.

(END OF SECTION 01620)

SECTION 01700 - CLOSEOUT REQUIREMENTS (As requested by Owner)

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Description of Work: As each scope of work is completed and prior to the Architect's semi-final inspection, the following cleaning shall be done:
- A. Completely clean the entire area of dust.
 - B. Remove any paint spots.
 - C. Clean and polish finish metal, if affected by this scope of work.
- 1.03 After the work is occupied by the Owner, it is not the Contractor's responsibility to do further cleaning; however, before final acceptance, clean or otherwise repair any damage, or soiling of finish materials that can be attributed to the Contractor's workmen.
- 1.04 Record Drawings: Each day during the progress of the work, the Contractor shall require the job superintendent for the plumbing and electrical subcontractors to record, on their field sets of drawings the exact locations, as installed, of all concealed conduit, pipe, and equipment which were not installed exactly as shown on the Contract drawings.
- 1.05 With reference to electrical work, the exact runs of concealed conduit shall be shown on these drawings.
- 1.06 The Contractor shall review the completed record drawings and shall ascertain that all data furnished on the drawings is accurate and truly represent the work as actually installed.
- 1.07 The prints, including those unchanged and changed, shall be submitted to the Architect when completed, for certification and forwarding to the Owner at the time of Substantial Completion.
- 1.08 Closeout of the Work: The following items cover the conditions necessary to the completion of the project. As-builts are to be provided in the most recent CAD file, or reproducible, as directed by Architect at project closeout. Contractor may elect to sub out CAD work or retain the services of the Architect and Engineer of Record to perform all CAD work to incorporate all field modifications during construction as part of the final project closeout.
- A. Basic Requirements Prior to Final Inspection - Upon substantial completion of all General Construction, and prior to the Architect's punch list inspection, complete all of the following:
 - 1. General Construction.
 - 2. Mechanical and electrical work if altered, with fixtures in place, connected. Temporarily, if necessary, cleaned and ready for final tryout and test.
 - 3. Painting and finishing.
 - 4. Cleaning of all work.
 - 5. Clear grounds of the Contractor's shacks, equipment, fences, and building supplies.
 - 6. Closeout Documents and Construction Documentation with electronic CAD file.
 - B. Contractor's Semi-Final Inspection: When work is substantially complete, as

defined by the General Conditions, Contractor/Construction Manager is to make an inspection of the entire work and, with the assistance of all subcontractors, make a detailed list of all items still to be completed. Then request payment for substantially completed work as provided for under the paragraph pertaining to payments in the General Conditions and in Supplementary Conditions. Along with this request, submit to the Architect two copies of the list of items to be completed. Architect/Engineer will inspect or review the work or submittals two times only as part of his/her Contract to identify minor project deficiencies. Architect/Engineer will not provide extensive or exhaustive inspections of incomplete or incorrect work without reimbursement for additional services.

- C. Architect's Semi-Final Punch List - Upon receipt of the above written request and information from the General Contractor, the Architect will make a detailed semi-final inspection of the work. If the Architect finds the work to be substantially complete, he will prepare a Certificate of Substantial Completion for payment by the Owner and will attach thereto the punch list of items to be completed or corrected. This list may not be exhaustive, and failure to include an item on it does not alter the responsibility of the Contractor to complete all work in accord with the Contract Documents, including authorized changes thereto. If the Architect does not concur with the Contractor's claim of substantial completion, he/she will so notify the Contractor and will state his reasons for his decision and terminate the inspection. The Contractor shall thereafter take steps to correct the deficiencies and to bring the work to substantial completion, after which he will repeat the same process.
- D. Contractor's Request for Final Payment - With the request for final payment, submit a copy of the latest punch list with all completed items checked off. If any items on the punch list are not checked off, explain their status and when they can be expected to be completed or corrected. In addition, the Contractor is to submit complete and accurate closeout documents. When project is deemed complete, the Architect is to issue a Certificate of Final Inspection.
- E. Items Required to Issuance of Final Certificate - As the punch list of uncompleted or uncorrected items is completed, submit the following to the Architect for his approval:
 - 1. Warranties - Furnish all manufacturers' warranties which have been included with equipment. Date of warranty is to reflect date of Certified Substantial Completion or in the case of replacement material or parts, the date the equipment/material has been successfully placed in service.
 - 2. Guarantees - Furnish written warranties, in DUPLICATE, signed by the subcontractor and the General Contractor, in accordance with the owner's front-end requirements, if none are provided refer to para.4.5 of the AIA General Conditions and with Supplementary Conditions and Technical Specifications.
 - 3. Final Releases of Lien - Furnish affidavits and Final Releases of Lien in addition to the owner provided front-end requirements if none are provided refer to sub-para.9.9.2 of the AIA General Conditions.
 - 4. One complete copy of shop drawings.
 - 5. Date of post-occupancy, pre-one-year site inspection (roughly two to three weeks prior to the one-year general warranty anniversary).
 - 6. All test certifications.
- F. Final Payment: Upon receipt of the above-listed documents and information, the Architect will make a final inspection of the project. If all punch list items are

complete or corrected, the Architect will issue a final certificate to the Owner, recommending that final payment be made. The final payment will be withheld, however, until after the final inspection and approval by the Owner.

- G. Project Closeout Documents Checklist: See attached form.

PROJECT CLOSEOUT DOCUMENTS

(Contractor to provide items applicable their work effort and as required by Owner)

- _____ Completed Checklist of Unconditional Release of Liens (Attach) for each construction participant participating in this project
- _____ As-Built Drawings (Hard Copy and Two copies of scanned drawings on a computer disk)
- _____ Electronic file of As-Built conditions
- _____ Warranties as Appropriate (Dated to reflect substantial inspection date, or replacement date)
- _____ Owner's Manuals for All Equipment/Project
- _____ Certification that the Punch List is Completed
(Verified and Signed by Contractor/representative of Owner)
- _____ A Copy of Each Shop Drawing
- _____ Letter stating No Lead or Asbestos Related Products were used on the Project

OWNER _____

ARCHITECT _____

DATE _____

(END OF SECTION 01700)

SECTION 01710 – CLEANING

1.0 GENERAL

1.01 Description of Work:

- A. Work includes, but is not limited to, cleaning of materials and work of all Specification Sections, removal of trash, debris, and waste materials and preparation of building for occupancy.
- B. Maintain premises and public properties free from accumulation of waste, debris, and rubbish caused by work operations.
- C. At completion of work, remove waste materials, rubbish, tools, equipment, machinery and surplus materials, and clean all sight-exposed surfaces. Leave project and premises clean and ready for occupancy.

2.0 PRODUCTS

2.01 Use only cleaning materials recommended by manufacturers and only as directed by manufacturers.

- A. Take proper precautions to prevent damage by spillage of caustic, acidic, toxic or volatile cleaning material:
 - 1. Keep and store all cleaning materials, compounds, or solutions in covered metal or other suitable safe containers and keep in a safe, locked storage area when not in use.
 - 2. Notify authorities when any toxic substances shall be used so as to provide proper notice to teachers and students to prevent any contamination by inhaling, touching, or tasting or any other contact which may cause illness or reaction to the toxic substance.
- B. Clean and remove any spilled cleaning materials. Repair or replace damaged materials due to spilled cleaning materials.
- C. Do not dispose of any cleaning materials, compounds, or solutions into sanitary lines, storm drains, or on-site pits. Dispose of as prescribed by Law.

3.0 EXECUTION

3.01 During Construction:

- A. Execute cleaning to ensure that building, grounds, and public properties are maintained free from accumulations of waste materials and rubbish. Wet down dry materials, and rubbish to lay down dust, and prevent blowing of dust. Periodically, during progress of work, remove accumulations of waste, debris, and trash.
- B. Provide onsite containers for collection of waste materials, debris, trash, and rubbish on a regular basis.
- C. Do not bury any waste materials, debris, trash, and rubbish on site.
- D. Remove waste materials, debris, trash, and rubbish from site and legally dispose of at legal dumping areas designated by law.
- E. Handle waste materials, debris, trash, and rubbish from site and legally dispose of at legal dumping areas designated by Law.
- F. Schedule cleaning operations so that dust and other contaminants resulting from cleaning process and operations will not fall on or damage newly painted surfaces or other work that would be damaged.
- G. Do not encumber site with waste material accumulations. Keep walkways free of all waste.

- H. Do not burn without burn permit from proper authority with the location determined by the Project Manager or Architect/Engineer.

3.02 Final Cleaning:

- A. Remove grease, dust, dirt, stains, labels, and other foreign materials from exposed interior and exterior surfaces. Repair, patch, and touch-up marred surfaces. Broom clean paved surfaces. Rake clean grounds.
- B. Dispose of trash, waste, debris and rubbish from site.
- C. Maintain building and grounds in clean condition until acceptance by Owner.

(END OF SECTION 01710)

DIVISION 2 – SITEWORK – N/A

DIVISION 3 – CONCRETE – N/A

DIVISION 4 – MASORY – N/A

DIVISION 5 – METALS – N/A

DIVISION 6 – WOOD AND PLASTICS

SECTION 06100 – ROUGH CARPENTRY

SECTION 06200 – FINISH CARPENTRY

SECTION 06415 – CUSTOM MILLWORK

SECTION 06100 - ROUGH CARPENTRY

1.0 GENERAL

- 1.01 Summary: It is the intent of this section to provide for all rough carpentry, nailers, studs, plates, blocking, and other such work necessary for the installation and support of wood framing and accessories for a complete, secure installation of all wood framing.
- 1.02 Related Work Specified Elsewhere:
- A. Section 01026 - Unit Prices
 - B. Refer to Structural Specifications located in Drawings.
- 1.03 Quality Assurance:
- A. Framing Lumber:
 - 1. Softwood Lumber: American Softwood Lumber Standards PS-20.
 - 2. Identification - Grade mark of recognized grading association.
 - 3. Moisture Content: Maximum 19%.
 - B. Plywood:
 - 1. Softwood - Construction and Industrial Plywood, PS 1-74.
 - 2. Identification - Grade markings showing species group no., type and grading association.
 - C. Pressure Treatment - Bear an Underwriter's Laboratories Label "FR-5."
- 1.04 Product Handling:
- A. Framing Lumber: Deliver lumber that is in accordance with the Standards. Store stacked off ground. Protect from getting wet.
 - B. Plywood: Deliver plywood that is in accordance with the Standards. Store in a dry area and protect from wetting. Protect plywood from damage due to dropping, warping and splitting. Damaged plywood shall be rejected.

2.0 PRODUCTS

- 2.01 Materials:
- A. Framing:
 - 1. Dimensions - Specified dimensions are nominal.
 - 2. Surfacing - S4S.
 - 3. Light Framing - Any Approved commercial softwood species.
 - a. General - Stud Grade.
 - b. Top Plates, Blocking, Bracing and Nailers - Utility Grade.
 - c. Sole Plates - Stud grade, pressure-treated.
 - B. Pressure Treatment - Wolman Salts, F.S. TT-W-573.
 - C. Rough Hardware:
 - 1. Bolts - F.S. FF-B-584.
 - 2. Lag Screws and Bolts - F.S. FF-B-561.
 - 3. Expansion Shields - F.S. FF-B-561.
 - 4. Angles - ASTM A-36.
 - 5. Nails - F.S. FF-N-105.
 - 6. Strap Anchors - 18 ga., zinc-coated metal.
 - 7. Power Actuated Anchors - Approved - Winchester "Ramset".
 - 8. Anchor Bolts - ASTM A-307.
 - 9. Ply Clips - Aluminum.

3.0 EXECUTION

- 3.01 Preparation: Layout work carefully in accordance with the Drawings and true to dimensions. Erect framing in proper positions. Coordinate work with other trades.
- 3.02 Installation and Erection:
- A. Framing - Cut accurately and fit for tight joints. Erect framing correct to dimensions. Square, plumb, and align for true surfaces.
 - 1. Blocking - Install in continuous horizontal row at mid-height, or as shown on Drawings, of load bearing partitions. Locate blocking to facilitate installation of finishing materials, fixtures, specialty items and trim. Use metal stud shoes at studs notched or bored for passage of plumbing water and waste lines.
 - 2. Miscellaneous Framing - Mechanical Work - Frame members for passage of pipes and ducts to avoid cutting structural members. Do not notch, cut, or bore framing members.
 - B. Pressure-Treated Members - Apply at contact with concrete or masonry.
- 3.03 Clean Up: Remove wood scraps and cuttings, nails, and other debris from building area and dispose of from site.

(END OF SECTION 06100)

SECTION 06200 – FINISH CARPENTRY

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Description of Work: This Section of the Specifications is intended to cover the furnishing of all labor, materials and/or incidentals necessary to the completion of all requirements of the Drawings, notes, schedules, and these Specifications concerning finish carpentry and other finish materials of similar nature usually part of the carpentry trade.
- 1.03 Any variation from the work, as detailed, must be submitted as Shop Drawings and written approval secured before starting work. Failure to do this will be considered sufficient cause for rejection. In all cases, shapes and dimensions shall be followed where shown.
- 1.04 Field measurements of all features which may be affected by construction of the building shall be checked by the Contractor and shall govern his/her fabrication. He/She shall report any serious discrepancies before proceeding with the work.

2.0 PERFORMANCE EXPECTED

- 2.01 All carpentry shall be done in accordance with the requirements of the Drawings and in such a manner as to ensure that work replacement is to be “in-like”.
- 2.02 All wood materials shall be sufficiently seasoned to prevent unsightly shrinkage, warpage, or twisting after being installed.
- 2.03 All wood finishing shall be free of machine or tool marks when finally placed, and shall be as free of natural defects, such as knots, checks, wane, etc., as might be normally expected of the grade specified when judged by generally accepted standards of wood grading.
- 2.04 Milling and finish joinery shall be such as to present smooth finish surfaces and close tight-fitting joints.
- 2.05 Hardware shall be so installed as to provide for the smooth workable operation of all movable parts.
- 2.06 All carpentry shall be plumb and square, with all lines horizontal and true rigidly secured in place.

3.0 MATERIALS

- 3.01 All finish woods shall be selected from well-seasoned and kiln dried stock, with a moisture content of not more than 15 percent. Wood shall be worked to conform to details.
- 3.02 Where no mention of grades is made, finishes shall be clear, the best of their respective kinds. This material will be finished natural so that care must be taken in selecting each individual piece.

- 3.03 Interior standing trim, unless otherwise called for, shall be clear, "B" or better Fir or Larch. Trim at special areas shall be of the same species of wood as the base material being trimmed out.

4.0 WORKMANSHIP

- 4.01 Where possible, all finish carpentry shall be mill-made and shall be performed by skilled workmen.
- 4.02 Trim shall be protected from moisture and shall be stored and handled in such a manner as to be protected from scratching or marking.
- 4.03 Trim shall be sanded before delivery and shall be hand sanded and smoothed on the job.
- 4.04 Door frames and similar trim shall be delivered to the job knocked down.
- 4.05 All trim shall be according to detail, or in the absence of details, according to the best-recognized millwork practice.
- 4.06 Running trim shall not be spliced unless the length of the member is over 12'. The shortest part of any spliced trim shall not be less than 3'.
- 4.07 All square-edged trim shall have tight butt joints, and molded trim shall have mitered joints.
- 4.08 All joints exposed to weather and all wood trim set against masonry shall be painted with a priming coat on all surfaces.
- 4.09 All joints shall be glued and screwed or nailed as conditions permit.
- 4.10 Furnish and install all nails, screws, etc., as may be required to fasten all woodwork to other material. All nails shall be set.

(END OF SECTION 06200)

SECTION 06415 – CUSTOM MILLWORK

1.0 GENERAL

1.01 Summary:

- A. Products Furnished and Installed Under This Section:
 - 1. Casework and Millwork.
- B. Related Sections:
 - 1. General Conditions, and Division 01.
- C. Approved Vendors:
 - 1. The Barfield Group/Advanced Cabinet System (352-258-6916).
 - 2. Or approved equal.

1.02 Submittals and Samples:

- A. Shop Drawings:
 - 1. Submit shop drawings showing location of each item, dimensioned plans, and elevations, large-scale details, attachment devices and other components.
- B. Samples:
 - 1. Plastic Laminate:
 - a. Submit two (2) full chains of plastic laminate color samples consisting of the full line or full range of colors, textures, and patterns for plastic laminate material indicated. Wilsonart or approved equal.
 - 2. Hardware:
 - a. Submit two (2) samples of hardware.
 - 3. Stone Countertop Cladding:
 - a. Submit one color chart of products.
- C. Mock-Up:
 - 1. Submit working sample of typical base cabinet with drawer over door with an adjustable shelf.
 - a. Include plastic laminate (refer to Architect for color requirements) and all hardware.
 - b. Provide cutaways where required to verify construction and materials used.
 - 2. Mock-up shall remain with the Architect for the entire duration of the Project and could be used for destructive evaluation.

1.03 Product Certificates: Submit certificates signed by woodwork manufacturer certifying that products comply with specified requirements.

1.04 Qualification Data: Submit data for firms and persons specified in “Quality Assurance” article to demonstrate their capabilities and experience. Include list of completed projects with project names, addresses, names of Architect and Owner, and other information specified.

1.05 Quality Assurance:

- A. Manufacturer’s Qualifications: Firm experienced in successfully producing finish carpentry similar to that indicated for this project with sufficient production capacity to produce required units without causing delay in the work.
- B. Installer Qualifications: Arrange for installation of finish carpentry by a firm that

can demonstrate successful experience in installed architectural woodwork items similar in type and quality to those required for this project.

- C. AWI Quality Standard: Comply with applicable requirements of “Architectural Woodwork Quality Standards” published by the Architectural Woodwork Institute (AWI) Premium Grade.

1.06 Product Delivery, Storage and Handling: Protect finish carpentry materials during transit, delivery, storage and handling to prevent damage, soiling and deterioration.

- A. Do not deliver finish materials, until painting, wet work, grinding, and similar operations which could damage, soil or deteriorate materials have been completed in installation areas. If, due to unforeseen circumstances, finish carpentry materials must be stored in other than installation areas, store only in areas meeting requirements specified for installation areas.

1.07 Project Condition:

- A. Conditioning: Installer shall advise Contractor of temperature and humidity requirements for finish carpentry installation area. Do not install finish carpentry until required temperature and relative humidity conditions have been stabilized and will be maintained in installation areas.

1. Maintain temperature and humidity in installation area as required to maintain moisture content of installed finish carpentry within a 1.08 percent tolerance of optimum moisture content, from date of installation through remainder of construction period. The fabricator of finish carpentry shall determine optimum moisture content and required temperature and humidity conditions.

1.08 Field Measurements: Where finish carpentry is indicated to be fitted to other construction, check actual dimensions of other construction by accurate field measurements before manufacturing; show recorded measurements on final shop drawings. Coordinate manufacturing schedule with construction progress to avoid delay of work.

2.0 PRODUCTS

2.01 Millwork:

At cabinets and shelves: DFPA Grade AA where exposed both sides; Grade AC.

At sink and lavatory tops: EXT-DFPA, Grade AC.

- A. Bookcase Sides and Shelves: 3/4” Plywood, 5-ply.
B. Cabinet Backs: 1/4” Plywood, 3-ply.
C. Doors: 3/4” High Density (Min 45 lbs.) Particle Board
D. Tops: 2 layers of 3/4” Plywood.
E. Drawer Fronts: 3/4” High Density (Min 45 lbs.) Particle Board
F. Drawer Sides & Backs: 1/2” Birch Plywood, 3-ply
G. Drawer Bottoms: 1/2” Birch Plywood, 3-ply
H. Dust Panels: 1/4” Plywood or tempered hardboard. (Provide dust panels above compartments and drawers except where located directly under countertops.)

2.02 Plastic Laminate:

- A. Acceptable Manufacturers: Subject to compliance with requirements, provide high pressure decorative laminates of one of the following or pre-approved equals:
1. Formica Corp.

2. Nevamar Corp.
 3. WilsonArt.
 4. Or approved equal.
- B. Thicknesses:
1. Horizontal Surfaces: GP-50.
 2. Vertical Surfaces: GP-28.
 3. Balancing Sheets: GP-20.
 - a. Use standard balancing sheet for backs of doors and drawer fronts, underside of all countertops and semi-exposed surfaces.
- C. Colors: To be selected by the Architect/Owner from manufacturer's full range of colors.

2.03 Cabinet Hardware:

- A. Doors shall have:
1. Hinges:
 - 1 pair hinges for doors 3'-0" or less in height.
 - 1-1/2 pair hinges for doors over 3'-0" and less than 5'-0" in height.
 - 2 pair hinges for doors over 5'-0" in height.
 - a. Hinges shall be equal to Hafele 110° Duomatic-Hinges.
 2. Pull (one):
 - a. Semi-recessed plastic pull shall be located as directed by the Architect. Pulls shall be attached from the back of the drawer front with two (2) screws.
 - b. Color to be selected from full color range of manufacturer's color options as selected by the Architect/Owner.
 3. Magnetic catch (one):
 - a. Hafele 246.27.709 or pre-approved equal.
 4. Lock (one where required):
 - a. Hafele 232.10.602 or pre-approved equal.
- B. Each Drawer shall have:
1. Pull (one):
 - a. Semi-recessed plastic pull shall be located at the centerline of the drawer, regardless of width, to ensure ease of operation and maximize drawer slide life. Pulls shall be attached from the back of the drawer front with two (2) screws.
 - b. Color to be white, putty, or grey as selected by the Architect.
 2. Slides (one set):
 - a. Drawer slides shall be bottom and side mounted epoxy coated with captive roller and 100-pound dynamic load testing rating.
 3. Lock (one where required):
 - a. Hafele 232.10.602 or pre-approved equal.
- C. Adjustable shelving in cabinets shall have:
1. Adjustable shelves shall rest on metal shelf support pins equal to KV 346, inserted into holes row-bored at approximately 32 millimeters on center.

3.0 EXECUTION

- 3.01 General: Have skilled, experienced (five years' experience on comparable work) carpenters place the carpentry materials, in accord with the best accepted trade practices and in a manner to assure the use of the specified materials to the best advantage from the standpoint of soundness and appearance. Material and workmanship for millwork shall meet

“Premium Grade” requirements of AWI Quality standards.

- 3.02 Joinery: All joints shall be securely glued, pinned, and/or screwed together.
- 3.03 Correlation: Correlate the location of furring, nailers, blocking, grounds, and similar supports so that attached work will comply with the design requirements.
- 3.04 Handling: Handle trim and millwork in a manner, during and after fabrication, to ensure against the opening of joints, defacing or marring of the finish surface and/or the entrance of moisture. Bring no trim or millwork into the building until the building is thoroughly dry.
- 3.05 Workmanship: Horizontal members shall be level; vertical members shall be plumb. No joints are allowed in standing trim unless so detailed. The shortest part of any spliced trim shall be not less than four (4) feet. Where splicing is unavoidable, make at a 45-degree angle. For exterior corners, use tight butt joints for square-edged trim; and mitered joints for molded trim. Where woodwork abuts other finished work, scribe and cut for accurate fit.
- 3.06 Joinery and Finish: Use only hot-dipped galvanized or aluminum finish or casing nails. Set all nails in finish work. Hammer marks are not acceptable on any exposed surfaces. Joints shall be tight, clean, smooth and sound.
- 3.07 Millwork:
- A. To the fullest extent possible, fabricate millwork in a shop according to detail; or, in the absence of details, according to the best recognized millwork practices and in accord with “Premium Grade” standards of AWI.
 1. The millwork subcontractor shall make cutouts in counter tops as needed for sinks. Sinks shall be installed by the plumbing subcontractor.
 2. Pressure-treated blocking and framing under fixed cabinets are to be part of millwork. Other blocking and furring fastened to walls or to the structure are not intended to be part of millwork and are specified under the section covering ROUGH CARPENTRY. Shim millwork with concealed shims as required.
 3. All millwork shall be mill fabricated completely, including finishing and hardware. Units shall be shop assembled to a finished edge. Only work too large to handle in one piece shall be delivered to the job in more than one piece.
 4. Provide filler panels and scribe trim in accordance with field measurements taken at the job site.
 5. Countertops shall be field measured before fabrication.
 6. Structural cabinet parts shall be joined together with full dovetail joints and glue. There shall be no exposed screws or nails.
 7. All millwork shall be sound and so constructed and fastened as to resist all design conditions of loading imposed upon it and without noticeable change in form resulting from unreasonable deflection, shrinkage, warping, twisting or loosening of connecting joints.
- 3.08 Installation of Cabinetwork: Install cabinet work in a manner consistent with the specified Quality Grade. Cabinet work shall be plumb, level, true and straight, with no distortion. Shim as required, using concealed shims. Secure to grounds, stripping and blocking with counter sunk concealed fasteners and blind nailing, for a complete installation. Scribe and

cut for accurate fit to other finished work.

- 3.09 Plastic Laminate Tops: Plastic tops shall not have any joints but shall be full run of millwork.
- 3.10 Application of Specialties: Install specialty items specified in Division 10, unless specific mention is made therein for installation by another trade. Install in accord with the manufacturer's recommendations and in a neat manner that will hold the item securely in place.

(END OF SECTION 06415)

DIVISION 7 – THERMAL AND MOISTURE PROTECTION

SECTION 07920 – SEALANTS AND CAULKING

SECTION 07920 – SEALANTS AND CAULKING

1.0 GENERAL

1.01 Section Includes:

- A. Application of sealants at control and expansion joints on exterior vertical and horizontal intersections to provide a water and airtight barrier, as stated below and as noted on drawings.
- B. Associated materials and preparatory work to ensure a successful sealant application.

1.02 References:

- A. ASTM C 920 - Specification for Elastomeric Joint Sealants.
- B. ASTM D 2240 - Test Method for Rubber Property-Durometer Hardness.
- C. ASTM C 1248 and C 510 - Staining

1.03 Submittals:

- A. Product literature: submit five (5) copies of product data sheets and manufacturer's installation instructions. Note specifically which (if any) sealants are to be in physical contact (such as at parapet and Reglet intersections), confirming compatibility of submitted products.
- B. Samples: A 2" cured sample of each chosen color and type of sealant.

1.04 Quality Assurance:

- A. Compatibility with Substrate and Coatings: Applicator shall be responsible for verifying with sealant manufacturer that sealants used are compatible with joint substrates and coatings to which sealants will come in contact.
- B. Joint Design Criteria: Applicator shall be responsible for verifying with sealant manufacturer that installed joint dimensions are adequate for movement capabilities for extreme and significant moving joint sealants.
- C. Applicator shall be responsible for providing a completely sealed building and ensure that all exterior joints between surfaces are properly sealed even if not detailed in Contract Documents.

1.05 Qualifications:

- A. Manufacturer: Company specializing in manufacturing Products specified in this section with minimum 10-years of experience.
- B. Applicator and job foreman shall have minimum five years' experience on equivalent projects.
- C. Use personnel specifically trained in proper application procedures who are thoroughly familiar with joint details shown on drawings and installation requirements as specified in this section.

1.06 Delivery, Storage, and Handling:

- A. Deliver in manufacturer's original, unopened containers identifying each product specified, relating to product literature submitted.
- B. Store in accordance with manufacturer's recommendation; take precautions to ensure material fitness when installed for design performance.

1.07 Warranty:

- A. Warrant sealed joints against adhesive or cohesive failure of sealant and watertightness of sealed joint for a period of five years for labor and material.
- B. Provide material warranty of five (5) years for polyurethanes and twenty (20) years for

silicones.

2.0 PRODUCTS

2.01 Sealants: (See schedule for use of each sealant type)

- A. Type 1: ASTM C 920; low modulus, Type S, Grade NS, neutral cure silicone.
 - 1. Elongation Capability: Plus 100 percent to minus 50 percent; elongation, 1600%
 - 2. Service Temperature Range: Minus 20 to 160 degrees F.
 - 3. Shore A Hardness Range: 15 - 20; ASTM C 661.
 - 4. Staining: None; ASTM C 1248.
 - 5. Manufacturers: Dow Corning Corp. 790
- B. Type 2: ASTM C 920; intermediate modulus, Type S, Grade NS, neutral cure silicone.
 - 1. Elongation Capability: Plus or minus 50 percent.
 - 2. Service Temperature Range: Minus 40 to 300 degrees F.
 - 3. Shore A Hardness Range: 35; ASTM D 2240.
 - 4. Staining: None; ASTM C 1248.
 - 5. Manufacturers: Dow Corning Corp. 795, 995.
- C. Type 3: ASTM C 920; high modulus, Type S, Grade NS, acetoxycure silicone.
 - 1. Elongation Capability: Plus or minus 25 percent.
 - 2. Service Temperature Range: Minus 35 to 140 degrees F.
 - 3. Shore A Hardness Range: 25; ASTM D 2240.
 - 4. Manufacturers: Dow Corning Corp. 999A; Pecora 863; GE 1200.
- D. Type 4: ASTM C 920; medium modulus, Type S, Grade NS, neutral cure silicone.
 - 1. Elongation Capability: Plus or minus 50 percent
 - 2. Service Temperature Range: Minus 50 to 150 degrees F.
 - 3. Shore A Hardness Range: 25 - 30; ASTM D 2240.
 - 4. Manufacturers: Dow Corning Corp. 791; GE Silpruf.
- E. Type 5: ASTM C 920, medium modulus, Type M, Grade NS, polyurethane.
 - 1. Elongation Capability: Plus or minus 50 percent.
 - 2. Service Temperature Range: Minus 20 to 120 degrees F.
 - 3. Shore A Hardness Range: 20 - 25; ASTM D 2240.
 - 4. Manufacturers: Sika Corporation, Sikaflex 2C; Tremco, Dymetric 240FC; Pecora, Dynatrol II.
- F. Type 6: ASTM C 920; low modulus, Type S, Grade NS polyurethane.
 - 1. Elongation Capability: Plus 100/minus 50 percent.
 - 2. Service Temperature Range: Minus 20 to 120 degrees F.
 - 3. Shore A Hardness Range: 20 - 25; ASTM D 2240.
 - 4. Manufacturers: Sika Corporation, Sikaflex 15LM.
- G. Type 7: ASTM C 920; Type S, Grade NS, fuel resistant, low modulus silicone sealant.
 - 1. Elongation Capability: Plus 100, minus 50 percent.
 - 2. Service Temperature Range: Minus 20 degrees F to 160 degrees F.
 - 3. Shore A Hardness Range: 15 - 20; ASTM D 2240.
 - 4. Manufacturers: Dow Corning 888.

2.02 Primers:

- A. Comply with manufacturer's instructions. Manufacturer shall be consulted for all surfaces not specifically covered in submitted application instructions.

2.03 Backer Rod – Tape:

- A. Closed-cell polyethylene, open-cell polyurethane, or open-cell polyethylene soft-type backer rod as recommended by sealant manufacturer. Bond breaker tape shall be used

- to prevent three-sided adhesion in location where backer rod cannot be used.
- B. Acceptable Manufacturers:
1. Open-Cell: Denver Foam; ITP Tundra Foam;
 2. Soft-Type: ITP Soft-type;
 3. Bond Breaker Tape: Pecora Corp.

3.0 EXECUTION

3.01 Examination:

- A. Examine substrate surfaces to ensure no bond breaker materials contaminate surface to which sealant is to adhere, and that unsound substrates are repaired.
- B. Verify joint dimensions are within manufacturer's acceptable tolerances, per manufacturer's submittal literature.

3.02 Preparation:

- A. Protect adjacent exposed surfaces.
- B. Prepare joints in accordance with manufacturer's recommended instructions for maximum adhesion; prime as required by manufacturer.
- C. Consult manufacturer for surfaces not specifically covered in application instructions.
- D. Installation of sealant shall be evidence of acceptance of substrate.

3.03 Installation:

- A. Sealant shall be mixed (if multi-component) and installed in accordance with manufacturers' recommendations and instructions to ensure complete mixing and an installed proper width/depth ratio with maximum adhesion contact. Three-sided adhesion must be prevented.
- B. Backer rod shall be installed using only blunt or rounded tools which will ensure a uniform (+/- 1/4") depth without puncturing the material. Backer rod shall be a minimum of 50% oversized for open cell backer rod, unless otherwise required by the manufacturer.
- C. Surrounding surfaces shall be protected as required to ensure no sealant contaminates these surfaces.
- D. Both temperature and dampness conditions may restrict application of these sealants. Comply with manufacturer's instructions.
- E. Force sealant into joint to ensure conformance with manufacturer's recommended width/depth ratios. Tool to ensure full contact with sidewalls and backing. Tooling pressure shall cause a wetting for maximizing sealant adhesive contact to substrate.
- F. Unless otherwise indicated, finish horizontal joints flush, vertical joints distinctly concave in shape.
- G. Finished bead shall be smooth, free from wrinkles, air pockets, and foreign matter.

3.04 Control Joints: Control Joints are required in all masonry and stucco work, and are not to exceed $\pm 25'-0"$. Form control joints by the use of sheet felt bond breaker. At masonry, stop wall reinforcing and pack vertical joint with backer rod and neatly caulk. Color of caulk is to match masonry. Coordinate with Section 04100 – Masonry, Mortar, and Accessories.

3.05 Cleaning:

- A. Remove excess material adjacent to joint.
- B. Remove unused materials from jobsite.

3.06 Schedule:

JOINT TYPE	SEALANT TYPE						
	1	2	3	4	5	6	7
1. Structural Glazing		X					
2. Glass to Glass (Nonstructural)			X	X			
3. Perimeter Window Sealant		X		X		X	
4. Aluminum to Brick		X		X		X	
5. Brick to Brick		X	X		X	X	X
6. Wood to Wood						X	
7. Metal to Metal		X		X			
8. Metal to Stucco		X		X			
9. Aluminum to Concrete	X	X		X			
10. Concrete to Concrete X							
11. Stone to Stone	X						
12. Paving on Grade							X

(END OF SECTION 07920)

DIVISION 8 – DOORS AND WINDOWS

SECTION 08100 – HOLLOW METAL DOORS AND FRAMES

SECTION 08200 – WOOD COMPOSITION AND WOOD DOORS

SECTION 08710 – DOOR HARDWARE

SECTION 08100 – HOLLOW METAL DOORS AND FRAMES

1.0 GENERAL

1.01 Related Documents

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 Summary

- A. Section Includes:
 - 1. Standard and custom hollow metal doors and frames.
 - 2. Steel sidelight, borrowed lite and transom frames.
 - 3. Louvers installed in hollow metal doors.
 - 4. Light frames and glazing installed in hollow metal doors.
- B. Related Sections:
 - 1. Division 01 Section "General Conditions".
 - 2. Division 04 Section "Unit Masonry" for embedding anchors for hollow metal work into masonry construction.
 - 3. Division 08 Section "Flush Wood Doors".
 - 4. Division 08 Section "Glazing" for glass view panels in hollow metal doors.
 - 5. Division 08 Section "Door Hardware".
 - 6. Division 09 Sections "Exterior Painting" and "Interior Painting" for field painting hollow metal doors and frames.
- C. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.
 - 1. ANSI/SDI A250.8 - Recommended Specifications for Standard Steel Doors and Frames.
 - 2. ANSI/SDI A250.4 - Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors, Frames, Frames Anchors and Hardware Reinforcing.
 - 3. ANSI/SDI A250.6 - Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames.
 - 4. ANSI/SDI A250.10 - Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames.
 - 5. ANSI/SDI A250.11 - Recommended Erection Instructions for Steel Frames.
 - 6. ANSI/SDI A250.13 - Testing and Rating of Severe Windstorm Resistant Components for Swing Door Assemblies.
 - 7. ASTM A1008 - Standard Specification for Steel Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability.
 - 8. ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
 - 9. ASTM A924 - Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process.
 - 10. SDI-113 Standard Practice for Determining the Steady-State Thermal Transmittance of Steel Door & Frame Assemblies.
 - 11. ASTM C 1363 - Standard Test Method for Thermal Performance of Building Assemblies by Means of a Hot Box Apparatus.
 - 12. ASTM C1199 - Standard Test Method for Measuring the Steady-State Thermal Transmittance of Fenestration Systems Using Hot Box Methods
 - 13. ASTM E1423 - Practice for Determining Steady State Thermal Transmittance

of Fenestration Systems.

14. ANSI/BHMA A156.115 - Hardware Preparation in Steel Doors and Frames.
15. ANSI/SDI 122 - Installation and Troubleshooting Guide for Standard Steel Doors and Frames.
16. ANSI/NFPA 80 - Standard for Fire Doors and Fire Windows; National Fire Protection Association.
17. ANSI/NFPA 105: Standard for the Installation of Smoke Door Assemblies.
18. NFPA 252 - Standard Methods of Fire Tests of Door Assemblies; National Fire Protection Association.
19. UL 10C - Positive Pressure Fire Tests of Door Assemblies.
20. UL 1784 - Standard for Air Leakage Tests of Door Assemblies.

1.03 Submittals

- A. Product Data: For each type of product indicated. Include construction details, material descriptions, core descriptions, hardware reinforcements, profiles, anchors, fire-resistance rating, and finishes.
- B. Door hardware supplier is to furnish templates, template reference number and/or physical hardware to the steel door and frame supplier in order to prepare the doors and frames to receive the finish hardware items.
- C. Shop Drawings: Include the following:
 1. Elevations of each door design.
 2. Details of doors, including vertical and horizontal edge details and metal thicknesses.
 3. Frame details for each frame type, including dimensioned profiles and metal thicknesses.
 4. Locations of reinforcement and preparations for hardware.
 5. Details of anchorages, joints, field splices, and connections.
 6. Details of accessories.
 7. Details of moldings, removable stops, and glazing.
 8. Details of conduit and preparations for power, signal, and control systems.
- D. Samples for Verification:
 1. Samples are only required by request of the Architect and for manufacturers that are not current members of the Steel Door Institute.
- E. Informational Submittals:
 1. Hurricane Resistant Openings (State of Florida): Within the State of Florida, provide copy of current State of Florida Product Approval as proof of compliance that doors, frames and hardware for exterior opening assemblies have been tested and approved for use at the design pressure level and debris impact resistance requirements specified for the Project.
 - a. Hurricane Resistant Components (State of Florida): Within the State of Florida, provide copy of independent, third-party certified listing conforming to ANSI A250.13.

1.04 Quality Assurance

- A. Source Limitations: Obtain hollow metal doors and frames through one source from a single manufacturer wherever possible.
- B. Quality Standard: In addition to requirements specified, furnish SDI-Certified manufacturer products that comply with ANSI/SDI A250.8, latest edition, "Recommended Specifications for Standard Steel Doors and Frames".
- C. Fire-Rated Door Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based

on testing at positive pressure according to UL10C (neutral pressure at 40" above sill) or UL 10C.

1. Oversize Fire-Rated Door Assemblies Construction: For units exceeding sizes of tested assemblies, attach construction label certifying doors are built to standard construction requirements for tested and labeled fire rated door assemblies except for size.
 2. Temperature-Rise Limit: Where indicated and at vertical exit enclosures (stairwell openings) and exit passageways, provide doors that have a maximum transmitted temperature end point of not more than 450 deg F (250 deg C) above ambient after 30 minutes of standard fire-test exposure.
 3. Smoke Control Door Assemblies: Comply with NFPA 105.
 - a. Smoke "S" Label: Doors to bear "S" label, and include smoke and draft control gasketing applied to frame and on meeting stiles of pair doors.
- D. Fire-Rated, Borrowed-Light Frame Assemblies: Assemblies complying with NFPA 80 that are listed and labeled, by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire-protection ratings indicated, based on testing according to NFPA 257. Provide labeled glazing material.
- E. Hurricane Resistant Exterior Openings (State of Florida including High Velocity Hurricane Zone (HVHZ): Provide exterior hollow metal doors and frames as complete and tested assemblies, or component assemblies, including approved hardware specified under Section 087100 "Door Hardware", to meet the design pressures, debris impact resistance, and glass and glazing requirements as detailed in the current State of Florida building code sections applicable to the Project.
1. Each unit to bear third party permanent label in accordance with Florida Building Code requirements.
- F. Pre-Submittal Conference: Conduct conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier, Installer, and Contractor to review proper methods and procedures for installing hollow metal doors and frames and to verify installation of electrical knockout boxes and conduit at frames with electrified or access control hardware.
- 1.05 Delivery, Storage, and Handling
- A. Deliver hollow metal work palletized, wrapped, or crated to provide protection during transit and Project site storage. Do not use non-vented plastic.
 - B. Deliver welded frames with two removable spreader bars across bottom of frames, tack welded to jambs and mullions.
 - C. Store hollow metal work under cover at Project site. Place in stacks of five units maximum in a vertical position with heads up, spaced by blocking, on minimum 4-inch-high wood blocking. Do not store in a manner that traps excess humidity.
 1. Provide minimum 1/4-inch space between each stacked door to permit air circulation. Door and frames to be stacked in a vertical upright position.
- 1.06 Project Conditions
- A. Field Measurements: Verify actual dimensions of openings by field measurements before fabrication.
- 1.07 Coordination
- A. Coordinate installation of anchorages for hollow metal frames. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors. Deliver such items

to Project site in time for installation.

1.08 Warranty

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace doors that fail in materials or workmanship within specified warranty period.
- B. Warranty includes installation and finishing that may be required due to repair or replacement of defective doors.

2.0 PRODUCTS

2.01 Manufacturers

- A. Manufacturers: Subject to compliance with requirements, provide steel doors and frames from an SDI Certified manufacturer:
 - 1. CECO Door Products (C).
 - 2. Curries Company (CU).

2.02 Materials

- A. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, Commercial Steel (CS), Type B; suitable for exposed applications.
- B. Metallic-Coated Steel Sheet: ASTM A 653/A 653M, Commercial Steel (CS), Type B; with minimum G60 (Z180) or A60 (ZF180) metallic coating.
- C. Frame Anchors: ASTM A 653/A 653M, Commercial Steel (CS), Commercial Steel (CS), Type B; with minimum G60 (Z180) or A60 (ZF180) metallic coating.

2.03 Hollow Metal Doors

- A. General: Provide 1-3/4 inch doors of design indicated, not less than thickness indicated; fabricated with smooth surfaces, without visible joints or seams on exposed faces unless otherwise indicated. Comply with ANSI/SDI A250.8 and ANSI/NAAMM HMMA 867.
- B. Exterior Doors: Face sheets fabricated of commercial quality hot-dipped zinc coated steel that complies with ASTM A 653/A 653M, Coating Designation A60. Provide doors complying with requirements indicated below by referencing ANSI/SDI A250.8 for level and model and ANSI/SDI A250.4 for physical performance level:
 - 1. Design: Flush panel.
 - 2. Core Construction: Manufacturer's standard polystyrene. Where indicated, provide doors fabricated as thermal-rated assemblies with a minimum R-value of 2.8 or better.
 - 3. Level/Model: Level 3 and Physical Performance Level A (Extra Heavy Duty), Minimum 16 gauge (0.053-inch - 1.3-mm) thick steel, Model 2.
 - 4. Top and Bottom Edges: Reinforce tops and bottoms of doors with a continuous steel channel not less than 16 gauge, extending the full width of the door and welded to the face sheet. Doors with an inverted top channel to include a steel closure channel, screw attached, with the web of the channel flush with the face sheets of the door. Plastic or composite channel fillers are not acceptable.
 - 5. Hinge Reinforcement: Minimum 7-gauge (3/16") plate 1-1/4" x 9" or minimum 14-gauge continuous channel with pierced holes, drilled and tapped.
 - 6. Hardware Reinforcements: Fabricate according to ANSI/SDI A250.6 with reinforcing plates from same material as door face sheets.
- C. Interior Doors: Face sheets fabricated of commercial quality cold rolled steel that

complies with ASTM A 1008/A 1008M. Provide doors complying with requirements indicated below by referencing ANSI/SDI A250.8 for level and model and ANSI/SDI A250.4 for physical performance level:

1. Design: Flush panel.
 2. Core Construction: Manufacturer's standard kraft-paper honeycomb, or one-piece polystyrene core, securely bonded to both faces.
 - a. Fire Door Core: As required to provide fire-protection and temperature-rise ratings indicated.
 3. Level/Model: Level 2 and Physical Performance Level B (Heavy Duty), Minimum 18 gauge (0.042-inch - 1.0-mm) thick steel, Model 2.
 4. Top and Bottom Edges: Reinforce tops and bottoms of doors with a continuous steel channel not less than 16 gauge, extending the full width of the door and welded to the face sheet.
 5. Hinge Reinforcement: Minimum 7-gauge (3/16") plate 1-1/4" x 9" or minimum 14-gauge continuous channel with pierced holes, drilled and tapped.
 6. Hardware Reinforcements: Fabricate according to ANSI/SDI A250.6 with reinforcing plates from same material as door face sheets.
- D. Manufacturers Basis of Design:
1. Curries Company (CU) - Polystyrene Core - 707 Series.

2.04 Hollow Metal Frames

- A. General: Comply with ANSI/SDI A250.8 and with details indicated for type and profile.
- B. Exterior Frames: Fabricated of hot-dipped zinc coated steel that complies with ASTM A 653/A 653M, Coating Designation A60.
1. Fabricate frames with mitered or coped corners. Profile as indicated on drawings.
 2. Frames: Minimum 16 gauge (0.053-inch -1.3-mm) thick steel sheet.
 3. Manufacturers Basis of Design:
 - a. Curries Company (CU) - M Series.
- C. Interior Frames: Fabricated from cold-rolled steel sheet that complies with ASTM A 1008/A 1008M.
1. Fabricate frames with mitered or coped corners. Profile as indicated on drawings.
 2. Frames: Minimum 16 gauge (0.053-inch -1.3-mm) thick steel sheet.
 3. Manufacturers Basis of Design:
 - a. Curries Company (CU) - CM Series.
 - b. Curries Company (CU) - M Series.
- D. Fire rated frames: Fabricate frames in accordance with NFPA 80, listed and labeled by a qualified testing agency, for fire-protection ratings indicated.
- E. Hardware Reinforcement: Fabricate according to ANSI/SDI A250.6 Table 4 with reinforcement plates from same material as frames.

2.05 Frame Anchors

- A. Jamb Anchors:
1. Masonry Type: Adjustable strap-and-stirrup or T-shaped anchors to suit frame size, formed from A60 metallic coated material, not less than 0.042 inch thick, with corrugated or perforated straps not less than 2 inches wide by 10 inches long; or wire anchors not less than 0.177 inch thick.
 2. Stud Wall Type: Designed to engage stud and not less than 0.042 inch thick.

- 3. Compression Type for Drywall Slip-on (Knock-Down) Frames: Adjustable compression anchors.
- 4. Hurricane Opening Anchors: Types as tested and required for indicated wall types to meet specified design pressure and impact rating criteria.
- B. Floor Anchors: Floor anchors to be provided at each jamb, formed from A60 metallic coated material, not less than 0.042 inches thick.
- C. Mortar Guards: Formed from same material as frames, not less than 0.016 inches thick.

2.06 Louvers

- a. Metal Louvers: Unless otherwise indicated provide louvers to meet the following requirements.
 - i. Blade Type: Vision proof inverted V or inverted Y.
 - ii. Metal and Finish: Galvanized steel, 0.040 inch thick, factory primed for paint finish with baked enamel or powder coated finish. Match pre-finished door paint color where applicable.
- b. Louvers for Fire Rated Doors: Metal louvers with fusible link and closing device, listed and labeled for use indoors with fire protection rating of 1-1/2 hours and less.
 - i. Manufacturers: Subject to compliance with requirements, provide louvers to meet rating indicated.
 - ii. Metal and Finish: Galvanized steel, 0.040 inch thick, factory primed for paint finish with baked enamel or powder coated finish. Match pre-finished door paint color where applicable.

2.07 Light Openings and Glazing

- A. Stops and Moldings: Provide stops and moldings around glazed lites where indicated. Form corners of stops and moldings with butted or mitered hairline joints at fabricator's shop. Fixed and removable stops to allow multiple glazed lites each to be removed independently. Coordinate frame rabbet widths between fixed and removable stops with the type of glazing and installation indicated.
- B. Moldings for Glazed Lites in Doors and Loose Stops for Glazed Lites in Frames: Minimum 20 gauge thick, fabricated from same material as door face sheet in which they are installed.
- C. Fixed Frame Moldings: Formed integral with hollow metal frames, a minimum of 5/8 inch (16 mm) high unless otherwise indicated. Provide fixed frame moldings and stops on outside of exterior and on secure side of interior doors and frames.
- D. Preformed Metal Frames for Light Openings: Manufacturer's standard frame formed of 0.048-inch-thick, cold rolled steel sheet; with baked enamel or powder coated finish; and approved for use in doors of fire protection rating indicated. Match pre-finished door paint color where applicable.

2.08 Accessories

- A. Mullions and Transom Bars: Join to adjacent members by welding or rigid mechanical anchors.
- B. Grout Guards: Formed from same material as frames, not less than 0.016 inches thick.

2.09 Fabrication

- A. Fabricate hollow metal work to be rigid and free of defects, warp, or buckle. Accurately form metal to required sizes and profiles, with minimum radius for thickness of metal. Where practical, fit and assemble units in manufacturer's plant.

When shipping limitations so dictate, frames for large openings are to be fabricated in sections for splicing or splining in the field by others.

- B. Tolerances: Fabricate hollow metal work to tolerances indicated in ANSI/SDI A250.8.
- C. Hollow Metal Doors:
 - 1. Exterior Doors: Provide optional weep-hole openings in bottom of exterior doors to permit moisture to escape where specified.
 - 2. Glazed Lites: Factory cut openings in doors with applied trim or kits to fit. Factory install glazing where indicated.
 - 3. Astragals: Provide overlapping astragals as noted in door hardware sets in Division 08 Section "Door Hardware" on one leaf of pairs of doors where required by NFPA 80 for fire-performance rating or where indicated. Extend minimum 3/4 inch beyond edge of door on which astragal is mounted.
 - 4. Continuous Hinge Reinforcement: Provide welded continuous 12-gauge strap for continuous hinges specified in hardware sets in Division 08 Section "Door Hardware".
- D. Hollow Metal Frames:
 - 1. Shipping Limitations: Where frames are fabricated in sections due to shipping or handling limitations, provide alignment plates or angles at each joint, fabricated of same thickness metal as frames.
 - 2. Welded Frames: Weld flush face joints continuously; grind, fill, dress, and make smooth, flush, and invisible.
 - a. Welded frames are to be provided with two steel spreaders temporarily attached to the bottom of both jambs to serve as a brace during shipping and handling. Spreader bars are for bracing only and are not to be used to size the frame opening.
 - 3. Sidelight and Transom Bar Frames: Provide closed tubular members with no visible face seams or joints, fabricated from same material as door frame. Fasten members at crossings and to jambs by butt welding.
 - 4. Provide countersunk, flat- or oval-head exposed screws and bolts for exposed fasteners unless otherwise indicated for removable stops, provide security screws at exterior locations.
 - 5. Mortar Guards: Provide guard boxes at back of hardware mortises in frames at all hinges and strike preps regardless of grouting requirements.
 - 6. Floor Anchors: Weld anchors to bottom of jambs and mullions with at least four spot welds per anchor.
 - 7. Jamb Anchors: Provide number and spacing of anchors as follows:
 - a. Masonry Type: Locate anchors not more than 18 inches from top and bottom of frame. Space anchors not more than 32 inches on-center and as follows:
 - i. Two anchors per jamb up to 60 inches high.
 - ii. Three anchors per jamb from 60 to 90 inches high.
 - iii. Four anchors per jamb from 90 to 120 inches high.
 - iv. Four anchors per jamb plus 1 additional anchor per jamb for each 24 inches or fraction thereof above 120 inches high.
 - b. Stud Wall Type: Locate anchors not more than 18 inches from top and bottom of frame. Space anchors not more than 32 inches o.c. and as follows:
 - i. Three anchors per jamb up to 60 inches high.
 - ii. Four anchors per jamb from 60 to 90 inches high.
 - iii. Five anchors per jamb from 90 to 96 inches high.

- iv. Five anchors per jamb plus 1 additional anchor per jamb for each 24 inches or fraction thereof above 96 inches high.
 - v. Two anchors per head for frames above 42 inches wide and mounted in metal stud partitions.
- 8. Door Silencers: Except on weather-stripped or gasketed doors, drill stops to receive door silencers. Silencers to be supplied by frame manufacturer regardless if specified in Division 08 Section "Door Hardware".
- 9. Bituminous Coating: Where frames are fully grouted with an approved Portland Cement based grout or mortar, coat inside of frame throat with a water based bituminous or asphaltic emulsion coating to a minimum thickness of 3 mils DFT, tested in accordance with UL 10C and applied to the frame under a 3rd party independent follow-up service procedure.
- E. Hardware Preparation: Factory prepared hollow metal work to receive template mortised hardware; include cutouts, reinforcement, mortising, drilling, and tapping according to the Door Hardware Schedule and templates furnished as specified in Division 08 Section "Door Hardware."
 - 1. Locate hardware as indicated, or if not indicated, according to ANSI/SDI A250.8.
 - 2. Reinforce doors and frames to receive non-template, mortised and surface mounted door hardware.
 - 3. Comply with applicable requirements in ANSI/SDI A250.6 and ANSI/DHI A115 Series specifications for preparation of hollow metal work for hardware.
 - 4. Coordinate locations of conduit and wiring boxes for electrical connections with Division 26 Sections.

2.10 Steel Finishes

- A. Prime Finishes: Doors and frames to be cleaned and chemically treated to ensure maximum finish paint adhesion. Surfaces of the door and frame exposed to view to receive a factory applied coat of rust inhibiting shop primer.
 - 1. Shop Primer: Manufacturer's standard, fast-curing, lead and chromate free primer complying with ANSI/SDI A250.10 acceptance criteria; recommended by primer manufacturer for substrate; and compatible with substrate and field-applied coatings.

3.0 EXECUTION

3.01 Examination

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. General Contractor to verify the accuracy of dimensions given to the steel door and frame manufacturer for existing openings or existing frames (strike height, hinge spacing, hinge back set, etc.).
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 Preparation

- A. Remove welded in shipping spreaders installed at factory. Restore exposed finish by grinding, filling, and dressing, as required to make repaired area smooth, flush, and invisible on exposed faces.

- B. Prior to installation, adjust and securely brace welded hollow metal frames for square, level, twist, and plumb condition.
- C. Tolerances shall comply with SDI-117 "Manufacturing Tolerances Standard Steel Doors and Frames."
- D. Drill and tap doors and frames to receive non-template, mortised, and surface-mounted door hardware.
- E. Verify tolerances against manufacturers installations instructions for tornado and hurricane storm shelter openings.

3.03 Installation

- A. General: Install hollow metal work plumb, rigid, properly aligned, and securely fastened in place; comply with Drawings and manufacturer's written instructions.
- B. Hollow Metal Frames: Install hollow metal frames of size and profile indicated. Comply with ANSI/SDI A250.11 and NFPA 80 at fire rated openings.
 - 1. Set frames accurately in position, plumbed, leveled, aligned, and braced securely until permanent anchors are set. After wall construction is complete and frames properly set and secured, remove temporary braces, leaving surfaces smooth and undamaged. Shim as necessary to comply with installation tolerances.
 - 2. Floor Anchors: Provide floor anchors for each jamb and mullion that extends to floor, and secure with post-installed expansion anchors.
 - 3. Masonry Walls: Coordinate installation of frames to allow for solidly filling space between frames and masonry with mortar.
 - 4. Grout Requirements: Do not grout head of frames unless reinforcing has been installed in head of frame. Do not grout vertical or horizontal closed mullion members.
- C. Hollow Metal Doors: Fit hollow metal doors accurately in frames, within clearances specified below. Shim as necessary.
 - 1. Non-Fire-Rated Standard Steel Doors:
 - a. Jambs and Head: 1/8 inch plus or minus 1/16 inch.
 - b. Between Edges of Pairs of Doors: 1/8 inch plus or minus 1/16 inch.
 - c. Between Bottom of Door and Top of Threshold: Maximum 3/8 inch.
 - d. Between Bottom of Door and Top of Finish Floor (No Threshold): Maximum 3/4 inch.
 - 2. Fire-Rated Doors: Install doors with clearances according to NFPA 80.
- D. Field Glazing: Comply with installation requirements in Division 08 Section "Glazing" and with hollow metal manufacturer's written instructions.

3.04 Adjusting and Cleaning

- A. Final Adjustments: Check and readjust operating hardware items immediately before final inspection. Leave work in complete and proper operating condition. Remove and replace defective work, including hollow metal work that is warped, bowed, or otherwise unacceptable.
- B. Remove grout and other bonding material from hollow metal work immediately after installation.
- C. Prime-Coat and Painted Finish Touchup: Immediately after erection, sand smooth rusted or damaged areas of prime coat, or painted finishes, and apply touchup of compatible air drying, rust-inhibitive primer, zinc rich primer (exterior and galvanized openings) or finish paint.

3.05 Field Quality Control

- A. Field Inspection (Punch Report): Reference Division 01 Sections “Closeout Procedures”. Produce project punch report for each installed door opening indicating compliance with approved submittals and verification hardware is properly installed, operating and adjusted. Include list of items to be completed and corrected, indicating the reasons or deficiencies causing the Work to be incomplete or rejected.
 - 1. Organization of List: Include separate Door Opening and Deficiencies and Corrective Action Lists organized by Mark, Opening Remarks and Comments, and related Opening Images and Video Recordings.

(END OF SECTION 08100)

SECTION 08200 - WOOD COMPOSITION AND WOOD DOORS

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including General and Supplementary Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Description of Work: Furnish all labor, materials, and/or incidentals necessary to the completion of all requirements of the drawings, specifications, notes, and schedules concerning wood doors.
- 1.03 Codes and Standards:
- A. AWI - Architectural Woodwork Institute for Type P.C.
 - B. ACS - American Commercial Standards, U.S. Dept. of Commerce
 - C. NWMA I.A. 1-78 Series
 - D. Doors shall be guaranteed to meet the National Door Manufacturer.
- 1.04 Shop Drawings: Furnish shop drawings identifying all types to the schedule and job conditions. Include door construction details.
- 1.05 Samples: Furnish three (3) 8" x 10" corner door cuts showing face veneers for painter to tint for color scheme.
- 1.06 Product, Delivery, Storage, and Handling: Deliver doors wrapped in Kraft paper. Protect from physical or climatic damage. Stack doors to prevent warpage. Marred or warped doors will be rejected.
- 1.07 Guarantee: Furnish guarantee as shown below against defects in workmanship and materials which would make the doors unfit for the use for which they are intended under this Contract. Doors shall be identified by appropriate dowels. Provide written guarantee from the door manufacturer stating that doors will not delaminate or show a warpage from a true plane of more than 1/4" during the first year of use or they shall be replaced at the Contractor's expense. Furnish this guarantee to the Architect after the installation has been completed.

2.0 PRODUCTS

- 2.01 Solid Core Interior Doors: Use 1-3/4" thick flush doors, Type I Density C, Class I hardwood veneered with hardwood bands, solid core. Face veneers shall be Premium Grade, rotary slice Birch, for natural finish. Doors shall be fabricated with waterproof glue, hot plate pressed. Doors shall have a minimum width of 1 1/8" hardwood stiles and 1-1/2" minimum width top and bottom hardwood rails. Styles shall match face veneer. Lifetime guarantee, (60 min. Fire Rated, where shown on schedule). Door slabs to be matched per color and pattern in each room to ensure like units are grouped together.

- 2.02 Cutouts for Vents and Glass: Where shown, provide cutouts for louvers and glass, with steel stops. Where doors are labeled or located in rated partitions, provide metal stops meeting requirements for labeled fire protection.

3.0 EXECUTION

- 3.01 General: The installation of wood doors is specific under this Section on FINISH CARPENTRY. Installation of folding partitions by authorized representative of Manufacturer in accord with Manufacturer's printed instructions.
- 3.02 Protection: Protect doors from damage or deterioration until acceptance of the work. Replace any doors damaged prior to final acceptance.

4.0 WOOD DOORS

- 4.01 Furnish and install pre-stained Birch veneer doors, 1-3/4" thick solid core, flush type with lifetime guarantee.
- 4.02 Doors are to be pre-tinted and sealed. Provide door sample of available color options for approval prior to commencement of work.

(END OF SECTION 08200)

SECTION 08710 – DOOR HARDWARE

1.0 GENERAL

1.01 Related Documents

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 Summary

- A. This Section includes commercial door hardware for the following:
 - 1. Swinging doors.
- B. Door hardware includes, but is not necessarily limited to, the following:
 - 1. Mechanical door hardware.
- C. Related Sections:
 - 1. Division 08 Section “Operations and Maintenance”.
 - 2. Division 08 Section “Door Schedule”.
 - 3. Division 08 Section “Door Hardware Schedule”.
 - 4. Division 08 Section “Hollow Metal Doors and Frames”.
 - 5. Division 08 Section “Flush Wood Doors”.
 - 6. Division 08 Section “Aluminum-Framed Entrances and Storefronts”.
 - 7. Division 08 Section “Fire-Rated Steel Framed Entrances”.
- D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.
 - 1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
 - 2. ANSI/SDI A250.13 - Testing and Rating of Severe Windstorm Resistant Components for Swing Door Assemblies.
 - 3. ICC/IBC - International Building Code.
 - 4. NFPA 70 - National Electrical Code.
 - 5. NFPA 80 - Fire Doors and Windows.
 - 6. NFPA 101 - Life Safety Code.
 - 7. NFPA 105 - Installation of Smoke Door Assemblies.
 - 8. State Building Codes, Local Amendments.
- E. Standards: All hardware specified herein shall comply with the following industry standards as applicable. Any undated reference to a standard shall be interpreted as referring to the latest edition of that standard:
 - 1. ANSI/BHMA Certified Product Standards - A156 Series.
 - 2. UL10C - Positive Pressure Fire Tests of Door Assemblies.
 - 3. ANSI/UL 294 - Access Control System Unit
 - 4. UL 305 - Panic Hardware.

1.03 Submittals

- A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.
- B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing, fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 - 1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
 - 2. Organization: Organize the Door Hardware Schedule into door hardware

sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.

3. Content: Include the following information:
 - a. Type, style, function, size, label, hand, and finish of each door hardware item.
 - b. Manufacturer of each item.
 - c. Fastenings and other pertinent information.
 - d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
 - e. Explanation of abbreviations, symbols, and codes contained in schedule.
 - f. Mounting locations for door hardware.
 - g. Door and frame sizes and materials.
 - h. Warranty information for each product.
 4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.
- C. Keying Schedule: After a keying meeting with the owner has taken place prepare a separate keying schedule detailing final instructions. Submit the keying schedule in electronic format. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner must approve submitted keying schedule prior to the ordering of permanent cylinders/cores.
- D. Informational Submittals:
1. Hurricane Resistant Openings (State of Florida): Within the State of Florida, provide copy of current State of Florida Product Approval as proof of compliance that doors, frames and hardware for exterior opening assemblies have been tested and approved for use at the wind load and design pressure and debris impact resistance level requirements specified for the Project.
 - a. Hurricane Resistant Components (State of Florida): Within the State of Florida, provide copy of independent, third party certified listing to ANSI A250.13.
 2. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.

1.04 Closeout Submittals

- A. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Procedures.
- B. Project Record Documents: Provide record documentation of as-built door hardware sets in digital format (.pdf, .docx, .xlsx, .csv) and as required in Division 01, Project Record Documents.

1.05 Quality Assurance

- A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum of 5 years of documented experience in producing hardware and equipment similar to

- that indicated for this Project and that have a proven record of successful in-service performance.
- B. Certified Products: Where specified, products must maintain a current listing in the Builders Hardware Manufacturers Association (BHMA) Certified Products Directory (CPD).
 - C. Installer Qualifications: A minimum of 3 years documented experience installing both standard and electrified door hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
 - D. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum of 5 years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.
 - E. Source Limitations: Obtain each type and variety of door hardware specified in this section from a single source unless otherwise indicated.
 - 1. Electrified modifications or enhancements made to a source manufacturer's product line by a secondary or third-party source will not be accepted.
 - F. Hurricane Resistant Exterior Openings (State of Florida including the High Velocity Hurricane Zone (HVHZ)): Provide exterior door hardware as complete and tested assemblies, or component assemblies, including approved doors and frames specified under Section 081113 "Hollow Metal Doors and Frames", to meet the design pressures, debris impact resistance, and glass and glazing requirements as detailed in the current State of Florida building code sections applicable to the Project.
 - 1. Each unit to bear third party permanent label in accordance with the Florida Building Code requirements.
 - G. Each unit to bear third party permanent label indicating compliance with the referenced testing standards.
 - H. Keying Conference: Conduct conference to comply with requirements in Division 01 Section "Project Meetings." Keying conference to incorporate the following criteria into the final keying schedule document:
 - 1. Function of building, purpose of each area and degree of security required.
 - 2. Plans for existing and future key system expansion.
 - 3. Requirements for key control storage and software.
 - 4. Installation of permanent keys, cylinder cores and software.
 - 5. Address and requirements for delivery of keys.
 - I. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.
 - 1. Prior to installation of door hardware, conduct a project specific training meeting to instruct the installing contractors' personnel on the proper installation and adjustment of their respective products. Product training to be attended by installers of door hardware (including electromechanical hardware) for aluminum, hollow metal and wood doors. Training will include the use of installation manuals, hardware schedules, templates and

- physical product samples as required.
 - 2. Inspect and discuss electrical roughing-in, power supply connections, and other preparatory work performed by other trades.
 - 3. Review sequence of operation narratives for each unique access-controlled opening.
 - 4. Review and finalize construction schedule and verify availability of materials.
 - 5. Review the required inspecting, testing, commissioning, and demonstration procedures.
 - J. At completion of installation, provide written documentation that components were applied according to manufacturer's instructions and recommendations and according to approved schedule.
- 1.06 Delivery, Storage, and Handling
- A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software, or accessories at Project site without prior authorization.
 - B. Tag each item or package separately with identification related to the final Door Hardware Schedule and include basic installation instructions with each item or package.
 - C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".
- 1.07 Coordination
- A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.
 - B. Door and Frame Preparation: Doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.
- 1.08 Warranty
- A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.
 - B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of standard and electrified door hardware that fails in materials or workmanship within specified warranty period after final acceptance by the Owner. Failures include, but are not limited to, the following:
 - 1. Structural failures including excessive deflection, cracking, or breakage.
 - 2. Faulty operation of the hardware.
 - 3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - 4. Electrical component defects and failures within the systems operation.

- C. Warranty Period: Unless otherwise indicated, warranty shall be one year from date of Substantial Completion.

1.09 Maintenance Service

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

2.0 PRODUCTS

2.01 Scheduled Door Hardware

- A. General: Provide door hardware for each door to comply with requirements in Door Hardware Sets and each referenced section that products are to be supplied under.
- B. Designations: Requirements for quantity, item, size, finish or color, grade, function, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Sets at the end of Part 3. Products are identified by using door hardware designations, as follows:
 - 1. Named Manufacturer's Products: Product designation and manufacturer are listed for each door hardware type required for the purpose of establishing requirements. Manufacturers' names are abbreviated in the Door Hardware Schedule.
- C. Substitutions: Requests for substitution and product approval for inclusive mechanical and electromechanical door hardware in compliance with the specifications must be submitted in writing and in accordance with the procedures and time frames outlined in Division 01, Substitution Procedures. Approval of requests is at the discretion of the architect, owner, and their designated consultants.

2.02 Materials

- A. Hardware shall not have any visible manufacturer names on exposed materials, except cylinders, when the door is in a closed position.

2.03 Butt Hinges

- A. Hinges: ANSI/BHMA A156.1 butt hinges with number of hinge knuckles and other options as specified in the Door Hardware Sets.
 - 1. Quantity: Provide the following hinge quantity:
 - a. Two Hinges: For doors with heights up to 60 inches.
 - b. Three Hinges: For doors with heights 61 to 90 inches.
 - c. Four Hinges: For doors with heights 91 to 120 inches.
 - d. For doors with heights more than 120 inches, provide 4 hinges, plus 1 hinge for every 30 inches of door height greater than 120 inches.
 - 2. Hinge Size: Provide the following, unless otherwise indicated, with hinge widths sized for door thickness and clearances required:
 - a. Widths up to 3'0": 4-1/2" standard or heavy weight as specified.
 - b. Sizes from 3'1" to 4'0": 5" standard or heavy weight as specified.
 - 3. Hinge Weight and Base Material: Unless otherwise indicated, provide the following:
 - a. Exterior Doors: Heavy weight, non-ferrous, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate standard weight.
 - b. Interior Doors: Standard weight, steel, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate heavy

weight.

4. Hinge Options: Comply with the following:
 - a. Non-removable Pins: With the exception of electric through wire hinges, provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for all out-swinging lockable doors.
5. Manufacturers:
 - a. McKinney (MK) - TA/T4A Series, 5-knuckle.

2.04 Door Operating Trim

- A. Flush Bolts and Surface Bolts: Provide products conforming to ANSI/BHMA A156.3 and A156.16, Grade 1.
 1. Flush bolts to be furnished with top rod of sufficient length to allow bolt retraction device location approximately six feet from the floor.
 2. Furnish dust proof strikes for bottom bolts.
 3. Surface bolts to be minimum 8" in length and U.L. listed for labeled fire doors and U.L. listed for windstorm components where applicable.
 4. Provide related accessories (mounting brackets, strikes, coordinators, etc.) as required for appropriate installation and operation.
 5. Manufacturers:
 - a. Rockwood (RO).
- B. Door Push Plates and Pulls: ANSI/BHMA A156.6 door pushes and pull units of type and design specified in the Hardware Sets. Coordinate and provide proper width and height as required where conflicting hardware dictates.
 1. Push/Pull Plates: Minimum .050 inch thick, size as indicated in hardware sets, with beveled edges, secured with exposed screws unless otherwise indicated.
 2. Door Pull and Push Bar Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door unless otherwise indicated.
 3. Offset Pull Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door and offset of 90 degrees unless otherwise indicated.
 4. Pulls shall be provided with a 10" clearance from the finished floor on the push side to accommodate wheelchair accessibility.
 5. Fasteners: Provide manufacturer's designated fastener type as indicated in Hardware Sets. When through-bolt fasteners are in the same location as a push plate, countersink the fasteners flush with the door face allowing the push plate to sit flat against the door.
 6. Manufacturers:
 - a. Rockwood (RO).

2.05 Cylinders and Keying

- A. General: Cylinder manufacturer to have minimum of 10 years' experience designing secured master key systems and have on record a published security keying system policy.
 1. Manufacturers:
 - a. Match Existing, Field Verify.
- B. Cylinder Types: Original manufacturer cylinders able to supply the following cylinder formats and types:
 1. Threaded mortise cylinders with rings and cams to suit hardware application.

2. Rim cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
 3. Bored or cylindrical lock cylinders with tailpieces as required to suit locks.
 4. Tubular deadlocks and other auxiliary locks.
 5. Mortise and rim cylinder collars to be solid and recessed to allow the cylinder face to be flush and be free spinning with matching finishes.
 6. Keyway: Match Facility Standard.
- C. Keying System: Each type of lock and cylinders to be factory keyed.
1. Supplier shall conduct a "Keying Conference" to define and document keying system instructions and requirements.
 2. Furnish factory cut, nickel-silver large bow permanently inscribed with a visual key control number as directed by Owner.
 3. Existing System: Field verify and key cylinders to match Owner's existing system.
- D. Key Quantity: Provide the following minimum number of keys:
1. Change Keys per Cylinder: Two (2)
 2. Master Keys (per Master Key Level/Group): Five (5).
 3. Construction Keys (where required): Ten (10).
- E. Construction Keying: Provide construction master keyed cylinders.
- F. Key Registration List (Bitting List):
1. Provide keying transcript list to Owner's representative in the proper format for importing into key control software.
 2. Provide transcript list in writing or electronic file as directed by the Owner.

2.06 Key Control

- A. Key Control Cabinet: Provide a key control system including envelopes, labels, and tags with self-locking key clips, receipt forms, 3-way visible card index, temporary markers, permanent markers, and standard metal cabinet. Key control cabinet shall have expansion capacity of 150% of the number of locks required for the project.
1. Manufacturers:
 - a. Lund Equipment (LU).
 - b. MMF Industries (MM).
 - c. Telkee (TK).

2.07 Mortise Locks and Latching Devices

- A. Mortise Locksets, Grade 1 (Heavy Duty): Provide ANSI/BHMA A156.13, Series 1000, Operational Grade 1 Certified Products Directory (CPD) listed mortise locksets. Listed manufacturers shall meet all functions and features as specified herein.
1. Provide locksets with functions and features as follows:
 - a. Heavy duty 12-gauge wrought steel case.
 - b. Stainless steel 3/4" one-piece anti-friction reversible latch bolt with a one-piece hardened stainless steel 1" projection deadbolt.
 - c. Meets UL and CUL Standard 10C Positive Pressure, Fire Test of Door Assemblies with levers that meet A117.1 Accessibility Code.
 - d. Meets Florida Building Code FL2998 and UL Certification Directory ZHEM.R21744 for latching hardware for hurricane requirements.
 - e. Meets UL Certification Directory ZHLL.R21744 for products used in windstorm rated assemblies.

- f. Status indicators inside, outside, or on both sides of doors as specified; available with wording for “locked/unlocked”, “vacant/occupied” or custom wording options. Indicator to be located above the cylinder with the inside thumb-turn not blocking the visibility of the indicator status.
- g. Ten-year limited warranty for mechanical functions.
- 2. Manufacturers:
 - a. ASSA ABLOY ACCENTRA (YA) - 8800FL Series.
 - b. Corbin Russwin Hardware (RU) - ML2000 Series.
 - c. Sargent Manufacturing (SA) - 8200 Series.

2.08 Lock and Latch Strikes

- A. Strikes: Provide manufacturer's standard strike with strike box for each latch or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, unless otherwise indicated, and as follows:
 - 1. Flat-Lip Strikes: For locks with three-piece antifriction latch bolts, as recommended by manufacturer.
 - 2. Extra-Long-Lip Strikes: For locks used on frames with applied wood casing trim.
 - 3. Aluminum-Frame Strike Box: Provide manufacturer's special strike box fabricated for aluminum framing.
 - 4. Double-lipped strikes: For locks at double acting doors. Furnish with retractable stop for rescue hardware applications.
- B. Standards: Comply with the following:
 - 1. Strikes for Mortise Locks and Latches: BHMA A156.13.
 - 2. Strikes for Bored Locks and Latches: BHMA A156.2.
 - 3. Strikes for Auxiliary Deadlocks: BHMA A156.36.
 - 4. Dustproof Strikes: BHMA A156.16.

2.09 Conventional Exit Devices

- A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:
 - 1. Exit devices shall have a five-year warranty.
 - 2. At doors not requiring a fire rating, provide devices complying with NFPA 101 and listed and labeled for "Panic Hardware" according to UL305. Provide proper fasteners as required by manufacturer including sex nuts and bolts at openings specified in the Hardware Sets.
 - 3. Where exit devices are required on fire rated doors, provide devices complying with NFPA 80 and with UL labeling indicating "Fire Exit Hardware". Provide devices with the proper fasteners for installation as tested and listed by UL. Consult manufacturer's catalog and template book for specific requirements.
 - 4. Except on fire rated doors, provide exit devices with hex key dogging device to hold the push bar and latch in a retracted position. Provide optional keyed cylinder dogging on devices where specified in Hardware Sets.
 - 5. Devices must fit flat against the door face with no gap that permits unauthorized dogging of the push bar. The addition of filler strips is required in any case where the door light extends behind the device as in a full glass configuration.
 - 6. Lever Operating Trim: Where exit devices require lever trim, furnish manufacturer's heavy duty escutcheon trim with threaded studs for thru

- bolts.
- a. Lock Trim Design: As indicated in Hardware Sets, provide finishes and designs to match that of the specified locksets.
- b. Where function of exit device requires a cylinder, provide a cylinder (Rim or Mortise) as specified in Hardware Sets.
- 7. Vertical Rod Exit Devices: Where surface or concealed vertical rod exit devices are used at interior openings, provide as less bottom rod (LBR) unless otherwise indicated. Provide dust proof strikes where thermal pins are required to project into the floor.
- 8. Narrow Stile Applications: At doors constructed with narrow stiles, or as specified in Hardware Sets, provide devices designed for maximum 2" wide stiles.
- 9. Dummy Push Bar: Nonfunctioning push bar matching functional push bar.
- 10. Rail Sizing: Provide exit device rails factory sized for proper door width application.
- 11. Through Bolt Installation: For exit devices and trim as indicated in Door Hardware Sets.
- 12. Hurricane and Storm Shelter Compliance: Devices to be U.L. listed for windstorm assemblies where applicable. Provide the appropriate hurricane or storm shelter products that have been independently third party tested, certified, and labeled to meet state and local windstorm building codes applicable to project.
- B. Conventional Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 Certified Products Directory (CPD) listed exit devices. Listed manufacturers shall meet all functions and features as specified herein.
 - 1. Provide exit devices with functions and features as follows:
 - a. Meets UL and CUL Standard 10C Positive Pressure, Fire Test of Door Assemblies with levers that meet A117.1 Accessibility Code.
 - b. Meets Florida Building Code FL2998 and UL Certification Directory ZHEM.R21744 for latching hardware for hurricane requirements.
 - c. Meets UL Certification Directory ZHLL.R21744 for products used in windstorm rated assemblies.
 - d. Five-year limited warranty for mechanical features.
 - 2. Manufacturers:
 - a. ASSA ABLOY ACCENTRA (YA) - 7000 Series.
 - b. Corbin Russwin Hardware (RU) - ED4000 / ED5000 Series.
 - c. Sargent Manufacturing (SA) - 80 Series.

2.10 Surface Door Closures

- A. All door closers specified herein shall meet or exceed the following criteria:
 - 1. General: Door closers to be from one manufacturer, matching in design and style, with the same type door preparations and templates regardless of application or spring size. Closers to be non-handed with full sized covers.
 - 2. Standards: Closers to comply with UL-10C for Positive Pressure Fire Test and be U.L. listed for use of fire rated doors.
 - 3. Size of Units: Comply with manufacturer's written recommendations for sizing of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Where closers are indicated for doors required to be accessible to the Americans with Disabilities Act, provide units

- complying with ANSI ICC/A117.1.
- 4. Closer Arms: Provide heavy duty, forged steel closer arms unless otherwise indicated in Hardware Sets.
- 5. Closers shall not be installed on exterior or corridor side of doors; where possible install closers on door for optimum aesthetics.
- 6. Closer Accessories: Provide door closer accessories including custom templates, special mounting brackets, spacers and drop plates as required for proper installation. Provide through-bolt and security type fasteners as specified in the hardware sets.
- B. Door Closers, Surface Mounted (Heavy Duty): ANSI/BHMA A156.4, Grade 1 Certified Products Directory (CPD) listed surface mounted, heavy duty door closers with complete spring power adjustment, sizes 1 thru 6; and fully operational adjustable according to door size, frequency of use, and opening force. Closers to be rack and pinion type, one piece cast iron or aluminum alloy body construction, with adjustable backcheck and separate non-critical valves for closing sweep and latch speed control. Provide non-handed units standard.
 - 1. Heavy duty surface mounted door closers shall have a 30-year warranty.
 - 2. Manufacturers:
 - a. Corbin Russwin Hardware (RU) - DC6000 Series.
 - b. Norton Rixson (NO) - 7500 Series.
 - c. Sargent Manufacturing (SA) - 351 Series.

2.11 Architectural Trim and Accessories

- A. Door Protective Trim:
 - 1. General: Door protective trim units to be of type and design as specified below or in the Hardware Sets.
 - 2. Size: Fabricate protection plates (kick, armor, or mop) not more than 2" less than door width (LDW) on stop side of single doors and 1" LDW on stop side of pairs of doors, and not more than 1" less than door width on pull side. Coordinate and provide proper width and height as required where conflicting hardware dictates. Height to be as specified in the Hardware Sets.
 - 3. Where plates are applied to fire rated doors with the top of the plate more than 16" above the bottom of the door, provide plates complying with NFPA 80. Consult manufacturer's catalog and template book for specific requirements for size and applications.
 - 4. Protection Plates: ANSI/BHMA A156.6 protection plates (kick, armor, or mop), fabricated from the following:
 - a. Stainless Steel: 300 grade, 050-inch thick.
 - 5. Options and fasteners: Provide manufacturer's designated fastener type as specified in the Hardware Sets. Provide countersunk screw holes.
 - 6. Manufacturers:
 - a. Rockwood (RO).

2.12 Door Stops and Holders

- A. General: Door stops and holders to be of type and design as specified below or in the Hardware Sets.
- B. Door Stops and Bumpers: ANSI/BHMA A156.16, Grade 1 door stops and wall bumpers. Provide wall bumpers, either convex or concave types with anchorage as indicated, unless floor or other types of doorstops are specified in Hardware Sets. Do not mount floor stops where they will impede traffic. Where floor or wall

bumpers are not appropriate, provide overhead type stops and holders.

1. Manufacturers:
 - a. Rockwood (RO).

2.13 Architectural Seals

- A. General: Thresholds, weatherstripping, and gasket seals to be of type and design as specified below or in the Hardware Sets. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing on interior doors where indicated. At exterior applications provide non-corrosive fasteners and elsewhere where indicated.
- B. Smoke Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke control ratings indicated, based on testing according to UL 1784.
 1. Provide smoke labeled perimeter gasketing at all smoke labeled openings.
- C. Fire Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to UL-10C.
 1. Provide intumescent seals as indicated to meet UL10C Standard for Positive Pressure Fire Tests of Door Assemblies, and NFPA 252, Standard Methods of Fire Tests of Door Assemblies.
- D. Sound-Rated Gasketing: Assemblies that are listed and labeled by a testing and inspecting agency, for sound ratings indicated.
- E. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.
- F. Hurricane and Storm Shelter Compliance: Devices to be U.L. listed for windstorm assemblies where applicable. Provide the appropriate hurricane or storm shelter products that have been independently third party tested, certified, and labeled to meet state and local windstorm building codes applicable to project.
- G. Manufacturers:
 1. Pemko (PE).

2.14 Fabrication

- A. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to manufacturers recognized installation standards for application intended.

2.15 Finishes

- A. Standard: Designations used in the Hardware Sets and elsewhere indicate hardware finishes complying with ANSI/BHMA A156.18, including coordination with traditional U.S. finishes indicated by certain manufacturers for their products.
- B. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware.
- C. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

3.0 EXECUTION

3.01 Examination

- A. Examine scheduled openings, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Notify Architect of any discrepancies or conflicts between the door schedule, door types, drawings and scheduled hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.02 Preparation

- A. Hollow Metal Doors and Frames: Comply with ANSI/DHI A115 series.
- B. Wood Doors: Comply with ANSI/DHI A115-W series.

3.03 Installation

- A. Install each item of mechanical and electromechanical hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.
 - 1. Installers are to be trained and certified by the manufacturer on the proper installation and adjustment of fire, life safety, and security products including: hanging devices; locking devices; closing devices; and seals.
- B. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:
 - 1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
 - 2. DHI TDH-007-20: Installation Guide for Doors and Hardware.
 - 3. Where indicated to comply with accessibility requirements, comply with ANSI A117.1 "Accessibility Guidelines for Buildings and Facilities."
 - 4. Provide blocking in drywall partitions where wall stops or other wall mounted hardware is located.
- C. Retrofitting: Install door hardware to comply with manufacturer's published templates and written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
- D. Push Plates and Door Pulls: When through-bolt fasteners are in the same location as a push plate, countersink the fasteners flush with the door face allowing the push plate to sit flat against the door.
- E. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."
- F. Storage: Provide a secure lock-up for hardware delivered to the project but not yet installed. Control the handling and installation of hardware items so that the completion of the work will not be delayed by hardware losses before and after installation.

3.04 Field Quality Control

- A. Field Inspection (Punch Report): Reference Division 01 Sections "Closeout Procedures". Produce project punch report for each installed door opening indicating compliance with approved submittals and verification hardware is

properly installed, operating and adjusted. Include list of items to be completed and corrected, indicating the reasons or deficiencies causing the Work to be incomplete or rejected.

1. Organization of List: Include separate Door Opening and Deficiencies and Corrective Action Lists organized by Mark, Opening Remarks and Comments, and related Opening Images and Video Recordings.

3.05 Adjusting

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

3.06 Cleaning and Protection

- A. Protect all hardware stored on construction site in a covered and dry place. Protect exposed hardware installed on doors during the construction phase. Install any and all hardware at the latest possible time frame.
- B. Clean adjacent surfaces soiled by door hardware installation.
- C. Clean operating items as necessary to restore proper finish. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of owner occupancy.

3.07 Demonstration

- A. Instruct Owner's maintenance personnel to adjust, operate, and maintain mechanical and electromechanical door hardware.

3.08 Door Hardware Sets

- A. The hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.
 1. Quantities listed are for each pair of doors, or for each single door.
 2. The supplier is responsible for handling and sizing all products.
 3. Where multiple options for a piece of hardware are given in a single line item, the supplier shall provide the appropriate application for the opening.
 4. At existing openings with new hardware, the supplier shall field inspect existing conditions prior to the submittal stage to verify the specified hardware will work as required. Provide alternate solutions and proposals as needed.
- B. Manufacturer's Abbreviations:
 1. MK - McKinney
 2. OT - Other
 3. RO - Rockwood
 4. SA - SARGENT
 5. PE - Pemko

Hardware Sets

Set: 1.0

Doors: 005

Description: Unisex Restroom

3 Hinge, Full Mortise	TA2714xNRP 4-1/2" x 4-1/2"	US26D	MK
1 Privacy Lock	V11 8265 LNL	US26D	SA
1 Surface Closer	351 CPS	EN	SA
1 Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1 Gasketing	S88BL		PE

Set: 2.0

Doors: 004B

Description: Female Locker Room

3 Hinge, Full Mortise	TA2714xNRP 4-1/2" x 4-1/2"	US26D	MK
1 Pull Plate	110x70C	US26D	RO
1 Push Plate	70C-RKW	US26D	RO
1 Surface Closer	351 CPS	EN	SA
1 Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1 Gasketing	By Door/Frame Manufacturer		OT

(END OF SECTION 08710)

DIVISION 9 – FINISHES

SECTION 09111 – METAL STUD FRAMING SYSTEM

SECTION 09260 – GYPSUM DRYWALL/VENEER PLASTER BASE SYSTEM

SECTION 09311 – CERAMIC TILE

SECTION 09655 – EPOXY FLOORING

SECTION 09900 – PAINTING

SECTION 09111 – METAL STUD FRAMING SYSTEM

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Description of Work: This Section of the Specifications is intended to cover the furnishing of all labor, material, equipment and/or incidentals necessary to the completion of all requirements of the Drawings, notes, schedules, or implied concerning the installation of metal studs interior partitions and structural stud framing which include but are not limited to: top and bottom runners, studs, internal bracing, partitioning, and blocking and furring.
- 1.03 Related Work:
- A. Gypsum board field finished and vinyl covered.
 - B. Fire rated gypsum
- 1.04 Codes and Standards:
- A. ASTM C-645 Non-load bearing steel studs, runners and rigid furring channels.
 - B. ASTM C-646 Load bearing steel studs.
 - C. ASTM C-754 Installation of steel framing members.
 - D. GA-203 Installation screw type framing to secure gypsum board system.
- 1.05 Quality Assurance: Work shall be performed in conformance with ASTM C-754 and GA-203.

2.0 PRODUCTS

- 2.01 Materials:
- A. 6" and 3-1/2" wide 20 ga. galvanized channel shaped steel studs at 16" o.c., punched for utility access.
 - B. Runners, same material and thickness bent leg retainer, notched to receive studs at 16" o.c.
 - C. Joists shall be 8" Channel, 16 ga. blocked at 1/3 points over all ceilings.
 - D. Structural studs shall be 6", 16-gauge, 16" O. C. with 14 Gauge track.
 - E. Furring and blocking members, same material and thickness. Double where required for furring or boxing of piping.
 - F. Fasteners GA 203.
 - G. Furnish blocking for all plumbing fixtures, wall cabinets, toilet accessories, toilet partitions, and finish hardware. Blocking shall be P.T. wood or steel channels heavy enough to support intended use.

3.0 ERECTION

3.01 General:

- A. Secure top and bottom runners at 16" o.c. and not more than 2" from abutting construction.
- B. Install studs vertical and not more than 2" from abutting construction.
- C. Brace stud framing and make rigid at 1/3 points max.
- D. Coordinate erection of studs with installation of service utilities.
- E. Coordinate installation of windows, bucks, anchors, blocking
- F. Stud splicing is not permissible.
- G. Maintain clearance under structural members to avoid deflection transfer.

3.02 Tolerances: Install members to provide a surface plane with a maximum variation of 1/8" in 10 feet in any direction.

(END OF SECTION 09111)

SECTION 09260 – GYPSUM DRYWALL/VENEER PLASTER BASE SYSTEM

1.0 GENERAL

- 1.01 Related Documents: The General Provision of the Contract, including the General and Supplementary General and General Requirements, apply to the work in this Section.
- 1.02 Description of Work: The work in this Section includes the furnishings of all labor, materials, and equipment necessary to the completion of all requirements of the Drawings, notes, schedules, and these Specifications concerning Gypsum Drywall.
- 1.03 Standards and Codes:
- A. SBCCI - Standard Building Code Congress International
 - B. SSAGW - American Standard Specifications for Application of Gypsum Wallboard by the American Standards Association
- 1.04 Type of Gypsum Systems:
- A. Standard
 - B. Gypsum Veneer Fire Rated Wall System
 - C. Waterproof Gypsum Backer Board
 - D. Blow on, decorative texture type acoustical treatment (ceiling)
 - E. Impact Resistant Drywall
- 1.05 Guarantee, in writing, materials and workmanship for a period of one (1) year.
- 1.06 Inspection: Inspect structures to receive drywall and do not start work until structures are acceptable. Starting drywall work implies acceptance of structures.
- 1.07 Delivery and Storage: Do not deliver materials until the building is dried in. Store materials protected from the weather. Deliver in Manufacturer's unopened bundles, fully identified with Manufacturer's name, brand type, and grade.
- 1.08 Construction Tolerances: Do not exceed 1/8" in 8'-0" variation from plumb or level in any exposed line or surface. Do not exceed 1/16" variation between planes of abutting edges or ends. Shim as required to comply with specified tolerances.

2.0 PRODUCTS

- 2.01 Standard Drywall: 1/2" or 5/8" thick impact resistant core Gypsum Wallboard with tapered edges unless above 6'-0" AFF where regular core can be used.
- 2.02 Impact resistant drywall in areas identified in finish schedule. In general, install on walls from floor up to 48" AFF.
- 2.02 Water Resistant Gypsum Wallboard (WR Board): Where Gypsum Wallboard is shown on Finish Schedule as substrate for ceramic tile, provide thickness shown with tapered edges moisture resistant Gypsum backing board with core and paper facings treated to resist moisture to comply with ASTM C-630.

- 2.03 Fire Rated: Provide 5/8" thick, Type A "X" A tapered edge Gypsum.
- 2.04 Drywall Accessories: Fasteners - Provide kind specified and of type and size recommended by Drywall Manufacturer for application shown. Fasteners for securing Gypsum Wallboard to wood furring to be annular ring nails. Fasteners for securing Gypsum Wallboard to metal framing to be self-drilling screws.
- 2.05 Joint Treatment Materials: Provide joint treatment materials as recommended by Drywall Manufacturer.
- 2.06 Trim Accessories: Provide trim accessories of sizes required for drywall applications shown and specified, fabricated from galvanized steel, and of the following types:
- A. At external corners, provide metal corner bead with smooth rigid nose and perforated and knurled flanges.
 - B. For protection of exposed wallboard edges around openings, provide metal casing bead trim of the following design: Beaded hose with exposed flange knurled for joint treatment.
 - C. Where drywall abuts or intersects dissimilar construction, provide square edge semi-finishing casing bead.
- 2.07 Caulking: Refer to Section 07900 – Caulking and Sealants.
- 2.08 Suspension Treatment: Metal suspension for veneer plaster base ceiling shall be drywall furring channels on 1-1/2" cold rolled main runner channels. Hanger wire shall be 8 Gauge galvanized wire. Tie wires shall be 18 Gauge double-strand galvanized tie wire. Maximum spacing of hanger wires is 4'-0" o.c.
- 2.09 Height of Partitions: Extend top of partitions above ceiling to deck, unless otherwise show or specified. Refer to reflected ceiling plan or building section for height of walls.
- 2.10 Drywall Application: Unless otherwise shown or specified, install Gypsum Drywall, including accessories, in accord with the Gypsum Manufacturer's printed instructions.
- 2.11 Drywall Thickness: Provide thickness shown, or if not shown provide not less than the minimum thickness recommended by the Drywall Manufacturer for applications shown.
- 2.13 Butt Joints: Use boards of maximum size and practical lengths to minimize butt joints. Where unavoidable, locate end butt joints as far from center of walls or ceilings as possible, and stagger in alternate courses of board.
- 2.14 Finish: Finish all drywall with Level 4 finish.

3.0 INSTALLATION

- 3.01 Install Gypsum Board with face side out. Do not install imperfect or damaged boards, or if damp or wet. Butt boards together for light contact and edges or ends with no more than 1/16" open space between boards. Do not force into place.

- 3.02 Edges or End Joints: Locate over supports except in horizontal applications or where intermediate supports or Gypsum Board back-blocking is provided behind end joints. Position boards so that tapered edge joints abut, and mill-cut or field-cut end joints abut. Do not place tapered edges against cut edges or ends. Stagger vertical joints over different studs on opposite side of partition/walls.
- 3.03 Additional Framing, and Blocking: Provide as required to support Gypsum Drywall at openings and cutouts, and to support built-in anchorage and attachment devices for other work.
- 3.04 Cutting, Fitting, and Trimming: Accurately measure and precut Gypsum Drywall units prior to installation. Make all cuts from face side by side by scoring and snapping away from face side or by sawing. Complete cut paper on back face. Do not break away paper by tearing. Maintain close tolerance for accurate fit at edges or cutouts with plates and escutcheons. Cut edges smooth as required for neat and accurate fit.
- 3.05 Joints: Do not locate joints within 8" of corners of openings, except when control joints are shown at jamb lines or where openings occur adjacent to exterior or interior angles of area. Joints where plaster base abuts masonry or concrete walls or columns shall be caulked.
- 3.06 Installation of Fasteners: Begin fastening from center portion of sheet and work toward edges and ends. Ensure contact of drywall with supports by applying pressure on surface adjacent to fastener being driven. Do not locate fasteners closer than 3/8" from edges or ends of sheets. Drive with shank approximately perpendicular to drywall surface. On furred exterior wall applications do not allow drywall fasteners to penetrate through furring to contact masonry. Screws for attaching plaster base to ceiling channels shall be 1 1/4" Phillips head sheet metal screws. Furring channels shall be spaced 16" o.c.
- 3.07 Trim: At locations where edge trim will be installed after Gypsum Drywall, omit drywall fasteners at framing members adjacent edges, as required to allow for subsequent installation of trim. Contractor to allow for either metal or PVC trim.
- 3.08 Floating Interior Angle Construction: At wall-ceiling junctures of Gypsum Drywall construction, provide in accord with Manufacturer's instructions.
- 3.09 Single Layer Partition/Wall Application: Apply Gypsum Drywall vertically using floor-to-ceiling length sheets with vertical joints located over stud. Faster to wood supports with nails or screws, at Contractor's option. Comply with Manufacturer's instructions for fastening, but do not exceed 8" o.c. spacing for screws. Fasten to metal studs or metal furring with screws. Comply with Drywall manufacturer's instructions for fastening, but do not exceed 12" o.c. spacing.
- 3.10 Finishing of Drywall: Types of drywall finishing required include:

- A. Metal trim accessories for wallboard including external corner reinforcement, casing beads, and control joints, if any.
 - B. Joint compound treatment of joints, interior angles, metal trim flanges, and heads of fasteners.
 - C. Wall finish to be splatter knockdown (non-aggregate) where called for in finish schedule and smooth where not indicated. All finishes to be minimum Level 4 finish.
- 3.11 Temperature and Humidity Conditions: Do not install joint treatment compounds unless installation areas comply with temperature and ventilation requirements recommended by Drywall Manufacturer and conditions are acceptable to installer.
- 3.12 Finish exposed drywall surfaces with joints, corners, and exposed edges reinforced or trimmed as specified, and with all joints, fastener heads, trim accessory flanges and surface defects fill with joint compound in accord with Drywall Manufacturer's recommendations for smooth, flush surface. Drywall finishing work will not be considered acceptable if corners or edges do not form true, level or plumb lines, or if joints, fastener heads, flanges of trim accessories or defects are visible after the application of field applied decoration.
- 3.13 Standard Drywall: Use joint tape to reinforce joints formed by tapered edges of butt ends of drywall units and at interior corners and angles. Set tape in joint compound and apply skim coat over tape in one application. Do not use topping finishing compounds for setting of tapes. Where open spaces of more than 1/16" occur between abutting drywall units, except at control joints. Prefill joints with joint compound and allow prefill to dry before application of joint tape. Reinforce external corners of drywall work with specified type of corner bead.
- 3.14 Metal or PVC Corner Beads: Securely fasten as recommended by Manufacturer. Do not use fasteners which cannot be fully concealed by joint compound fill applied over flanges.
- 3.15 Metal Casing Bead Trim: Provide specified type. Install in single unjointed lengths unless run exceeds longest available stock length. Miter corners of semi-finishing type trim.
- 3.16 Installation of Trim: Coordinate with drywall installation where type of trim or application requires installation of trim prior to or progressive with installation of drywall.
- 3.17 Control Joint Strips: Insert into open joint and staple flanges to drywall in accord with Manufacturer's instructions.
- 3.18 Joint Compounds: Use only compatible compounds from one Manufacturer. After mixing, do not use joint compounds if recommended pot-life time has expired. Allow drying time between applications of joint compound in accord with Manufacturer's recommendations for relative humidity and temperature levels at time of application. In no case, allow not less than 24 hours drying time between applications of joint compound. Apply not less

than three (3) separate coats of joint compound over joints, (as identified in subsection 2.15 of this section) fastener heads and metal flanges. Joint compound treatment is not required above suspended ceilings where partition/walls are shown or specified to extend to structural deck or ceiling above suspended ceiling.

4.0 PROTECTION

- 4.01 Protection of Finish Work: Installer to advise Contractor of proper procedure for protection of completed drywall work from damage or deterioration until acceptance of work.
- 4.02 The Contractor shall keep the job free of excessive debris from this work on a daily basis for the duration of the work and upon completion of this work shall remove all debris from the site. This Contractor shall provide protection of other materials that may be damaged by this work. Plaster droppings shall be immediately clean from adjacent materials.

5.0 GUARANTEE

- 5.01 The Contractor shall hereby agree to guarantee the work of this Section for a period of one (1) year after final acceptance of the project, and to replace free of charge all materials which may have loosened, delaminated, or shown defects due to workmanship.

(END OF SECTION 09260)

SECTION 09311 - CERAMIC TILE

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Description of Work: Includes new and match existing ceramic tile.
- 1.03 Standards:
- A. ANSI A-108.1 Ceramic Tile installed with Portland cement mortar.
 - B. ANSI A-108.4 Ceramic Tile installed with water resistant organic adhesives.
 - C. ANSI A-108.5 & A-118.4 Dry Set Method.
 - D. ANSI A-108.6 Tile setting epoxy.
 - E. TCA 137.1 Tile Council of America Standard.
- 1.04 Quality: Conform to the Tile Council of America installation recommendations and these Specifications.
- 1.05 Master Grade Certification signed by Manufacturer and Subcontractor.
- 1.06 Samples: Furnish two tiles or sheets of each type, color and grout to Architect for approval.
- 1.07 Owner's Maintenance Guide: Furnish Manufacturer's Maintenance Guide for Owner's use.

2.0 DELIVERY AND STORAGE

- 2.01 Deliver all products in manufacturer's unopened containers with Grade seals unbroken and labels intact.
- 2.02 Supply 2% of each tile used, in clean marked cartons for Owner's use.

3.0 MATERIALS

- 3.01 All tile to be Dal-Tile or approved equal.
- 3.02 Floors and Wall Tiles in All Toilets: Ceramic glazed tile. Color is to be selected. Slip resistant on floors, equivalent or greater to Dal-Tile Glazed Floor Tile, or approved equal.
- A. Walls to be 8" x 8" glazed wall tile from Group 1, 2, 3 & 4 for ceramic tile. Wall tiles to be glazed wall tile selected from Color Group 1, 2, 3, & 4 for accent band and Color Group 1 & 2 for the primary field color.
 - B. Floors to be 8" x 8" non-slip ceramic tile sloped to floor drain with a 4" high perimeter ceramic tile base.
- 3.03 Grout: Color per Architect. Grout is to be selected from full color line available by manufacturer (minimum 20 color selections).
- 3.04 Provide all trim, bases, corners, etc. for complete job.

- 3.05 Floors conventional set 1-1/4 minimum. Walls may be thin set-in conformance with TCA.
- 3.06 Marble saddles shall be installed at all doorways and windowsills where scheduled or indicated on Drawings and Specifications, and wherever ceramic tile flooring meets dissimilar floor materials. Saddles shall be gray domestic marble, 3/4" x 2-1/2" x LAR as required with beveled top and honed finish. Set as low as possible so as not to impede passing of wheelchairs or cleaning apparatus. Comply with most current handicap code.

4.0 INSTALLATION

- 4.01 This work may start after fluorescent lighting is installed (50 FC minimum).
- 4.02 Verify all sub surfaces to be tiled fall under TCA Standards 1/4" in 8' walls., 1/4" in 10' floors. Slope all floors to drains. If drains are installed incorrectly, report to the Contractor and the Architect.
- 4.03 Determine location of all joint movement before starting tile work. Install expansion joints, butyl rods and epoxy grout as recommended by TCA and Architect.
- 4.04 Layout work to minimize cuts less than one half tile.
- 4.05 Align floor joints to walls. Determine squareness of walls and report discrepancies to the Contractor and the Architect.
- 4.06 Install all tile work with materials specified above intended for their purpose.
- 4.07 Grout to Manufacturer's and TCA's recommendations, and rinse tile work with clean water before and after chemical cleaning.
- 4.08 Great care is to be taken to ensure all grout joints are of the highest quality in workmanship, especially along the ceiling and floor zone. All joints are to be neat, consistent, and free of voids or imperfections. If grout color differs from floor to wall, Contractor shall ensure that color bleeding does not occur. Tile units around door frame and inside coved corners to be cut and fitted by the trained field mechanic.

5.0 PROTECTION

- 5.01 Protect all work from adverse temperatures from 50 degrees Fahrenheit through 80 degrees Fahrenheit and Contractor traffic as recommended by TCA and Manufacturer (3-7 days).
- 5.02 Apply a protective coat of neutral cleaner and cover all work with non-staining construction paper. Remove for Final Inspection and apply with a second coat of neutral cleaner and one coat of tile wax.
- 5.03 Install plywood continuous after 3-7 days, if construction traffic cannot be rerouted.

6.0 GUARANTEE

- 6.01 This Contractor shall guarantee the work called for in this section for a period of one (1) year after final acceptance and shall replace free of charge all materials which may have loosened, cracked, or shown defects due to materials or workmanship.

(END OF SECTION 09260)

SECTION 09655 - EPOXY FLOORING

1.0 GENERAL

1.01 Related Documents: The General Provisions of the Contract, including General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.

1.02 Description of Work: The extent of nonskid epoxy seamless floor and base in areas of the Restroom floors where identified or shown on the Drawings. Product color samples are to be submitted to the Architect for color selection during the Shop Drawing Phase.

If after existing floor tile has been thoroughly inspected for anchorage to the concrete slab the epoxy flooring contractor may elect to use the existing floor tile as the floor substrate if the product warranty is not compromised. If unacceptable the existing ceramic floor tile is to be removed and the floor prepped as required by manufacturer for product installation,

1.03 Standards:

- A. FS - Federal Specifications
- B. NFPA - National Fire Protection Association
- C. USDA, FDA, OSHA Standards

1.04 Samples: Submit full color range samples of the various flooring, base and transition strips for selection by the Architect. Sample submittals will be reviewed for color, texture, and pattern only. Compliance with all other requirements is the exclusive responsibility of the Contractor.

1.05 Manufacturer's Data: For information only, submit two (2) copies of the Manufacturer's Specifications, Maintenance Guide, and Installation instructions for each type of pre-engineered poured flooring and accessories required.

- A. Dex-o-tex Cheminert CFS Flooring (908) 245-2800
- B. Dur-a-flex, Inc. (904) 236-4669
- C. Plexi-Chemie, Inc. (904) 693-8800.
- D. Ceilcote UR Corocrete (877) 234 5268
- E. Stonhard Floor System (800) 854-0310
- F. Florock Resinous Flooring Company (800) 356-7625

1.06 Product:

100% solid color epoxy resin and colored aggregate floor system installed at a minimum thickness of 1/8" thick. Color to be selected from a minimum of 15 colors.

1.07 Product Delivery, Storage, and Handling: Deliver materials to the project site in the Manufacturer's original unopened containers with labels intact. Maintain in the original containers, unopened, free from damage or contamination, as recommended by the Manufacturer. Unless directed otherwise, store materials in original containers at 70 degrees Fahrenheit for not less than 24 hours before and 48 hours after installation.

1.08 Environmental Requirements: Maintain the temperature in the space to receive the epoxy seamless flooring between 70 degrees Fahrenheit and 90 degrees Fahrenheit for not less than 24 hours before and 48 hours after installation. Follow material's Hazardous Material Identification system labeling guide for proper personal protective requirements.

- 1.09 Acceptance of Surfaces: Prior to installation, inspect the surfaces to receive the epoxy seamless flooring. Notify the Architect and the Contractor, in writing, if excessive moisture or unevenness or other condition which will prevent satisfactory epoxy flooring work. Proceed only when the defects have been corrected, except for correction specified under the EXECUTION portion of this Section.
- 1.10 Guarantee: Guarantee resilient flooring against defects in materials and workmanship.
- 1.11 Flooring shall be of uniform size, thickness and color variations, and pattern in the space. Edges shall be square and accurate. The colors shall be as selected by the Architect.
- 1.12 Base shall be an extension of the floor system, transition up wall neat and evenly up to 6" above floor with continuous cove toe and rounded top in standard colors to be selected by the Architect.
- 1.13 Material to be certified 0.00% asbestos by the Manufacturer.
- 1.14 Adhesive: Use adhesive and/or bonding agent of the quality and type recommended by the Manufacturer of the flooring materials.
- 1.15 Cleaner: Use the type of cleaner recommended by the Manufacturer of the seamless epoxy flooring materials.
- 1.16 Crack Filler: Use the type of filler recommended by the Manufacturer of the flooring materials.

2.0 EXECUTION

- 2.01 Material
 - A. Bathrooms – Laundry Areas – and areas identified in the finish schedule as poured epoxy with integral sanitary base equal to Dur-A-Quartz Flooring, manufactured by Dur-A-Flex, Inc. 100% solid color epoxy resin and colored aggregate floor system installed at a minimum thickness of 1/8" thick. Everlast Epoxy Flooring is an approved equal.
- 2.02 Finish Surfaces shall be of true line and plane, without evidence of humps, breaks, sags, or other defects. All inside corners and edges are to be neat, clean, and free of imperfections and resin buildup.
- 2.03 Preparation: Clean dirt, oil, grease and other foreign matter from the surfaces to receive epoxy seamless flooring materials. Vacuum clean completely. Prime surfaces if recommended by the Manufacturer of the flooring material. Provide all necessary moisture tests required to confirm concrete slab.
- 2.04 Adhesive Preparation: Mix and apply in accord with the Manufacturer's recommendations. Protect other surfaces not to receive seamless epoxy floor covering. Promptly remove any spillage. Apply sufficient adhesive between the wall and the base.
- 2.05 Install seamless epoxy flooring after finishing operations, including painting, have been completed and the permanent heating system is operating. Moisture content of concrete slabs, building air temperature, and relative humidity must be within the limit

recommended by the flooring Manufacturer. Mix and apply bonding agent in accord with the Manufacturer's recommendations. Place flooring with bonding agents in strict compliance with the Manufacturer's recommendations. Extend flooring into toe spaces, door reveals and into closets and similar openings within the primary space.

- 2.06 Marking: Maintain reference markers, holes or openings that are in place of plainly marked for future cutting by repeating on finish flooring as marked on the subfloor. Use chalk or other non-permanent marking device.
- 2.07 Materials Application: Apply materials as recommended by the Manufacturer.
- 2.08 Cleaning and Protection: Remove any excess material or other surface blemishes, using neutral-type cleaners as recommended by the flooring Manufacturer. Protect installed flooring from damage by covering it.
- 2.09 Finishing: After completion of the project and just prior to a Final Inspection of the work, thoroughly clean floors and accessories.

3.0 INSTALLATION

- 3.01 Determine location of all joint movement before starting work. Install expansion joints, butyl rods and epoxy grout as recommended by TCA and Architect.
- 3.02 Align floor joints to walls. Determine squareness of walls and report discrepancies to the Contractor and the Architect.
- 3.03 Install all work with materials specified above intended for their purpose.
- 3.04 Great care is to be taken to ensure work is of the highest quality in workmanship, especially along the perimeter floor zone and interior corners. All joints are to be neat, consistent, and free of voids or imperfections. Contractor shall ensure that color bleeding or wicking does not occur by allowing adequate time of curing one color before applying another.
- 3.05 All work to be cut neat, clean and true. Inside corners of cove are to be cut and installed by a skilled craftsman for neat installation. Questionable workmanship will be removed and reinstalled.
- 3.06 Floor drains and floor sinks – slope floor to drain to insure positive drainage of fluids on floor. Coordinate with contractor and concrete slab subcontractor the slope of the floor $\pm 24"$ each side of the floor drains (FS-1) min. $1/16"$ per $1'-0"$.
- 3.07 Base – carry epoxy flooring material up the wall a minimum of 6" for a continuous impervious floor and base system. Coordinate finish edge with transitioning of wall tile.
- 3.08 Provide min. ± 5 gallons of patch material for Owner to conduct minor patching.
- 3.09 As part of the project closeout schedule a training period to educate the County Staff as to the procedures required to clean and maintain the epoxy finish.

4.0 PROTECTION

- 4.01 Protect all work from adverse temperatures from 50 degrees Fahrenheit through 80 degrees Fahrenheit and Contractor traffic as recommended by TCA and Manufacturer (3-7 days).
- 4.02 Install plywood continuous after 3-7 days, if construction traffic cannot be rerouted.

5.0 GUARANTEE

- 5.01 This Contractor shall guarantee the work called for in this section for a period of one (1) year after final acceptance and shall replace free of charge all materials which may have loosened, cracked, or shown defects due to materials or workmanship.

(END OF SECTION 09655)

SECTION 09900 - PAINTING

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Description of Work: The extent of painting work is shown on the Drawings and schedules and specified herein. The work includes the painting and finishing of interior and surfaces replaced or altered by the project's scope of work resulting from water damage created by roof leaks, except as otherwise indicated. "Paint" as used herein means all coating systems materials, including primers, emulsions, enamels, stains, sealers, and fillers: and other applied US26D materials, whether used as prime, intermediate or finish coats.
- 1.03 Painting Not Included: The following categories of work are not included as part of the field-applied finish work or are included in other sections of these Specifications.
- 1.04 Shop Priming (if applicable): Unless otherwise specified, shop priming of ferrous metal items is included under the various sections for structural steel, miscellaneous metal, hollow metal work and similar items;
A. Work not altered or repaired
B. Prefinished material
- 1.05 Prefinished Items: Unless otherwise indicated, do not include painting when factory-finishing or install-finishing is specified for such items (but not limited to) louvers, flashings, prefinished aluminum, fascia, rain drainage and trim, roof panels, and miscellaneous incidentals.
- 1.06 Concealed Surfaces: Unless otherwise indicated, painting is not required on surfaces such as walls or ceilings in concealed areas and generally inaccessible areas, foundation spaces, furred areas, utility tunnels, pipe spaces, duct shafts and elevator shafts.
- 1.07 Finished Metal Surfaces: Metal surfaces of anodized aluminum, stainless steel, chromium plate, copper, bronze and similar finished materials will not require finish painting, unless otherwise indicated.
- 1.08 Operating Parts and Labels: Moving parts of operating units and mechanical and electrical parts, such as valve and damper operators, linkages, sinkages, sensing devices and motor and fan shafts, will not require finish painting, unless otherwise indicated. Do not paint over any Code-required labels, such as Underwriters' Laboratories, Inc. and Factory Mutual, or any equipment identifications, performance rating, name plates or nomenclature plates.
- 1.09 Submittals-Product Data: For information only, submit two copies of the Manufacturer's technical information, including the paint label analysis and application instructions, for each material proposed for use. Transmit a copy of each manufacturer's instructions to the paint applicator.
- 1.10 Submittals-Samples: Submit samples for the architect's review of color and texture only. Compliance with all other requirements is the exclusive responsibility of the contractor.

Provide a listing of the material and application for each coat of each finish sample.

- 1.11 Delivery and Storage: Deliver all materials to the job site in their original, new and unopened packages and containers bearing the Manufacturer's names and labels and the following information:
- A. Name and title of material
 - B. Manufacturer's stock number and date of manufacture
 - C. Manufacturer's name
 - D. Contents, by volume, for major pigment and vehicle constituents
 - E. Thinning instructions
 - F. Application instructions
 - G. Color name and number
- 1.12 Comply with health and fire regulations in the handling and storage of paint materials. Do not store painting materials in the building.
- 1.13 Environmental Requirements: Apply paints only when the temperature of the surfaces to be painted and the surrounding air temperatures are between 50 degrees F and 90 degrees F., unless otherwise permitted by the paint Manufacturer's printed instructions. Do not apply paint in areas where dust is being generated and where the illumination is inadequate. Do not apply paint in snow, rain, fog or mist; when the relative humidity exceeds 85%; or to damp or wet surfaces, unless otherwise permitted by the paint Manufacturer's printed instructions or unless the area and surfaces to be painted are enclosed and heated within the temperature limits specified by the paint Manufacturer, during the application and drying periods.
- 1.14 Guarantee: Guarantee all paint products and their application for a period of one year after final acceptance. The guarantee shall cover the replacement of defective material evidences by blistering, spalling, flaking, fading, powdering or any other undesirable characteristics. Failures caused by extraneous sources, such as water leakage or physical abuse, will not be the responsibility of this subcontractor.

2.0 PRODUCTS

- 2.01 Colors and Finishes: Paint colors, surface treatments and finishes are indicated in the SCHEDULES of the contract documents. Prior to beginning the work, the architect will furnish color chips for the surfaces to be painted. Use representative colors when preparing samples for review.
- 2.02 Color Pigments: Use pure, non-fading, applicable types of color pigments, to suit the substrates and the service indicated.
- 2.03 Lead Content: **ONLY LEAD-FREE PAINT SHALL BE USED.**
- 2.04 Paint Coordination: Provide finish coats which are compatible with the prime coats used. Review other sections of these Specifications in which prime paints are to be provided, to ensure the compatibility of the total coatings system for the various substrates. Upon the request from other trades, furnish information on the characteristics of the finish materials proposed for use, to ensure that compatible prime coats are used. Provide barrier coats over incompatible primers; or remove and re-prime as required. Notify the architect, in writing, of any anticipated problems in using the specified coating systems with substrates primed by others.

- 2.05 Material Quality: Provide the best quality grade of the various types of coatings as regularly manufactured by acceptable paint material Manufacturers. Materials not displaying the Manufacturer's identification as a standard, best-grade product will not be acceptable. Provide an undercoat paint produced by the same Manufacturer as the finish coats. Use only thinners approved by the paint Manufacturer; and use only within the recommended limits. Use paint materials which will withstand normal washing to remove pencil marks, ink, ordinary soiling, etc. without showing discoloration, loss of gloss, staining or other damage.
- 2.06 Proprietary Names: The proprietary names used to designate colors or materials are not intended to imply that the products of the named Manufacturers are required to the exclusion of equivalent products of other Manufacturers.
- 2.07 Paint Systems: Use products of the paint Manufacturers listed below, unless substitutions are approved in accordance with Division 1 of these Specifications. The approved Manufacturers are referred to as follows:
P--- Pittsburgh Paint Company
S-W--- Sherwin-Williams Paint Company
- 2.08 Provide the paint systems for the various substrates as indicated; Sherwin- Williams is basis for design:
- A. **Exterior Finish System:**
1. *Ferrous Metal*
Primer: B66W00310 – Pro Industrial Pro-Cryl® Universal Acrylic Primer 2
Coats: B66W00211 – DTM Acrylic Coating Semi-Gloss
 2. *Masonry, Stucco & Concrete*
Primer: A24W00300 – Loxon® Concrete and Masonry Int/Ext Latex Paint 2
Coats: A06W00151 – A-100® Exterior Latex Flat
(Choose finish)
2 Coats: A82W00151 – A-100® Exterior Latex Satin
 3. *Masonry, Stucco & Concrete – Waterproofing*
Primer: A24W00300 – Loxon® Concrete and Masonry Int/Ext Latex Paint 2
Coats: A24W00451 – Loxon® XP
 4. *Steel Piping, Hollow Metal Doors and Trim, etc.*
Primer: B50WZ0004 – Kem Bond® HS High Solids Alkyd Universal Metal
Primer 2 Coats: B54W00151 – Pro Industrial Urethane Alkyd Enamel
(or)
2 Coats: B66W00311 – Sher-Cryl HPA High Performance Acrylic Gloss
Coating (water-based option finish)
- B. **Interior Finish System:**
1. *Gypsum Drywall*
Primer: B28W04600 - ProMar® 400 Zero VOC Interior Latex Primer
2 Coats: B20W04651 - ProMar® 400 Zero VOC Interior Latex Egg-Shell
 2. *Plaster and Concrete Walls*
Primer: A24W00300 - Loxon® Concrete and Masonry Int/Ext Latex Primer 2
Coats: B20W04651 - ProMar® 400 Zero VOC Interior Latex Egg-Shell
 3. *Concrete Block (CMU)*
Primer: B25W00025 - PrepRite® Interior/Exterior Latex Block Filler
2 Coats: K45W00151 – Pro Industrial PreCatalyzed water-based Epoxy (for
Egg-Shell finish)
(or)

- 2 Coats: K46W00151 – Pro Industrial PreCatalyzed water-based Epoxy (for Semi-Gloss finish)
- 4. *CMU in Wet Areas: Locker Rooms, Bathrooms, etc.*
 Primer: B42W00046 – Heavy Duty Block Filler
 2 Coats: B73W00111 – Water based Tile-Clad® Epoxy
- 5. *Hollow Metal Doors & Trim, Miscellaneous Steel*
 Primer: B66W00310 – Pro Industrial Pro-Cryl® Universal Acrylic Primer
 (Spot Prime Factory-Primed Surfaces)
 2 Coats: B66W00211 – DTM Acrylic Coating Semi-Gloss

3.0 EXECUTION

- 3.01 Surface Preparation (Ferrous Metals): Clean ferrous surfaces which are not galvanized or shop coated of oil, grease, dirt, loose mill scales and other foreign substances, by solvent or mechanical cleaning.
- 3.02 Surface Preparation (Cementitious Material): Prepare cementitious surfaces of concrete, concrete block and cement plaster to be painted by removing all efflorescence, chalk, dust, dirt, grease and oils and by roughening as required to remove glaze. Determine the alkalinity and moisture content of the surfaces to be painted by performing the appropriate tests. If the surfaces are found to be sufficiently alkaline to cause blistering and burning of the finish paint correct this condition before the application of the paint. Do not paint over surfaces where the moisture content exceeds that permitted by Manufacturer's printed directions. If concrete or concrete masonry contain excessive voids, pits, burrs or uneven surfaces to permit filling with the specified prime or filler coat and to provide a satisfactory finish surface after normal painting trade preparation procedures, then the Contractor shall be notified for corrective work before proceeding with the painting. Concrete, mortar, plaster, and stucco must be cured at least 30 days at 75° F. The pH of the surface should be between 6 and 9 unless the products used are designed to be used in high pH environments.
- 3.03 Materials Preparation (General): Mix and prepare painting materials in accordance with the Manufacturer's directions. Store materials not in actual use in tightly covered containers. Maintain the containers used in storage, mixing and application of paint in a clean condition, free of foreign materials and residue. Stir materials before application to produce a mixture of uniform density; and stir as required during the application of the materials. Do not stir surface film into the material. Remove the film and lumps and, if necessary, strain the material before using.
- 3.04 Apply in accord with the Manufacturer's directions and with the following directives.
- 3.05 Use applicators and techniques best suited for the substrate and the type of material being applied.
- 3.06 Apply additional coats when undercoats, stains or other conditions show through the final coat of paint, until the paint film is of uniform finish, color and appearance. Give special attention to ensure that all surfaces, including edges, corners, crevices, welds and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.
- 3.07 Each coat of paint and/or enamel shall be evenly worked out and allowed to dry before any subsequent coat is applied or any rubbing is done, with at least 48 hours' drying time allowed between coats.

- 3.08 Edges of paint adjoining other materials or other colors shall be full and clean-cut without overlapping.
- 3.09 Paint over interior exposed caulking with the color to match the trim of the adjacent wall.
- 3.10 Scheduling Painting (General): Apply the 1st-coat material to surfaces that have been cleaned, pretreated, or otherwise prepared for painting, as soon as practicable after preparation and before subsequent surface deterioration. Allow a sufficient time between successive coatings to permit proper drying. Do not recoat until the paint has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure and the application of another coat of paint does not cause lifting or loss of adhesion of the undercoat. Repair scratched or rubbed places in final coats before the work is ready for acceptance. Surfaces in areas adjoining special coatings shall be painted after the coating application. Complete painting prior to the installation of the finish flooring.
- 3.11 Minimum Coating Thickness: Apply each material at not less than the Manufacturer's recommended spreading rate, to establish a total dry film thickness as indicated; or, if not indicated, as recommended by the coating Manufacturer.
- 3.12 Pigmented (Opaque) Finishes: Completely cover to provide an opaque, smooth surface of uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections will not be acceptable.
- 3.13 Transparent (Clear) Finishes: Use multiple coats to produce a glass-smooth surface film of even luster. Provide a finish free of laps, cloudiness, color irregularity, runs, brush marks, orange peel, nail holes or other surface imperfections. Provide satin finish for final coats, unless otherwise indicated.
- 3.14 Completed Work: Match approved samples for color, texture, and coverage. Remove, refinish, or repaint work that is not in compliance with the specified requirements.
- 3.15 Clean-Up: During the progress of the work, remove from the site all discarded paint materials, rubbish, cans and rags, at the end of each workday. Upon completion of the painting work, clean window glass and other paint-spattered surfaces. Remove spattered paint by proper methods of washing and scraping, using care not to scratch or otherwise damage the finished surfaces.
- 3.16 Protection: Protect the work of other trades, whether to be painted or not, against damage by the painting and finishing work. Correct any damage by cleaning, repairing or replacing and repainting, as acceptable to the architect. Provide WET PAINT signs as required to protect newly painted finished work. Remove temporary protective wrappings provided by others for the protection of their work, after completion of the painting operations. At the completion of the work of other trades, touch up and restore all damaged or defaced painted surfaces.
- 3.17 Preparation of Surfaces:
- A. All surfaces shall be clean-free of dirt, grease and any foreign matter that would adversely affect the adhesion, finished appearance, or protective properties of special coatings.
 - B. If for any reason the surface cannot be properly prepared, the condition shall be

reported to the General Contractor or Architect, who will be responsible for rectifying the unsatisfactory condition.

- C. Coatings shall not be applied to surfaces with a temperature of less than 50 degrees F.
- D. Ferrous Metal Surfaces: Remove all rust, mil scale and weld flux by power tool cleaning, (SSPC-SP-3-63) (Steel Structure Painting Council).
 - 1. Remove weld flux spatters and alkali contaminants by washing with water.
 - 2. Shop coated metal shall be washed free of grease, dirt, oil or dust with mineral spirits. Spot prime bare metal specified rust-inhibitive primer prior to painting, and prime with primer/undercoat as recommended by Manufacturer.

(END OF SECTION 09900)

DIVISION 10 – SPECIALTIES

SECTION 10810 – TOILET ROOM PARTITIONS

SECTION 10810 – TOILET ROOM SPECIALTIES

SECTION 10800 – TOILET ROOM PARTITIONS

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Description of Work: This section of the Specifications intended to cover the furnishing of all labor, materials and incidentals necessary for the completion of all requirements of the drawings, notes, schedules, and these specifications concerning toilet partitions.
- 1.03 Included in this section are solid plastic toilet and partitions. The Contractor should examine the drawings carefully for other items that fall under this section.

2.0 TOILET PARTITIONS

- 2.01 Toilet partitions and urinal screens shall be solid plastic toilet compartments as manufactured by Santana Products, Inc., or approved equal, floor mounted, overhead braced.
- 2.02 Pilasters, partitions, and doors shall be solid plastic, stiles and doors are to be 1” thick solid plastic, panels are to be 1” thick plastic panels.
- 2.03 Solid plastic core. Doors and panels are to have a minimum fifteen (15) year warranty against delamination, corrosion or breakage even under severe moisture conditions.
- 2.04 Partitions shall be equipped with the following:
 - A. Wrap around hinge. Type 6463-T5 Alloy aluminum extension with clean anodized finish. Through-bolted to door and stile with theft resistant, one-way screws fastened into threaded metal inserts.
 - B. Door latch with shock resistant nylon track sides into 1” (25 mm) wide keeper formed from one-piece 1/8” aluminum. Keeper withstands vandals from kicking door in and is through-bolted to stile with theft-resistant, one-way screws fastened into threaded metal inserts.
 - C. Vinyl coated doorstops resist vandals from kicking door out.
 - D. Continuous wall brackets are full height stainless steel and secure panels to stiles and walls.
 - E. No cross brace will be allowed where students can hang from. Carry pilasters to the ceiling and install all necessary wood blocking above the ceiling to adequately secure the toilet partition.
 - F. Base and cap shoe molding to be stainless steel.

3.0 SHOP DRAWINGS

- 3.01 Provide shop drawings and/or product data for all items. Showing dimensions. Layout, construction details, and installation details.

4.0 SAMPLES

- 4.01 The Contractor shall submit samples of solid plastic for the Architect's color selection.
Note: Premium colors required.

5.0 GUARANTEE

- 5.01 Toilet partitions shall be guaranteed for fifteen (15) years as outlined in Section 2.03 of this Specification.

(END OF SECTION 10800)

SECTION 10810 – TOILET ROOM SPECIALTIES

1.0 GENERAL

- 1.01 Related Documents: The General Provisions of the Contract, including the General and Supplementary General Conditions and General Requirements, apply to the work specified in this Section.
- 1.02 Description of Work: This section of the Specifications intended to cover the furnishing of all labor, materials and incidentals necessary for the completion of all requirements of the drawings, notes, schedules, and these specifications concerning toilet room specialties, such as grab bars, polished plate mirrors, soap dispensers, toilet paper holders, toilet partitions, and towel dispensers.
- 1.03 Shop Drawings: Provide shop drawings and/or product data for all items. Showing dimensions. Layout, construction details and installation details.
- 1.04 Samples: Provide samples when normally required for color and finish selection.
- 1.05 Product Delivery, Storage and Handling: Deliver items cartoned, crated, wrapped, or otherwise protected from shipping hazards. Damaged items are to be removed from the site and replaced with new, undamaged items at no cost to the Owner.
- 1.06 Guarantee: Provide a one-year guarantee against defects in materials and workmanship for all items and/or as called hereinafter.

2.0 PRODUCTS AND EXECUTION

- 2.01 Furnished and install toilet room accessories of quantities shown. Accessories are based on products as manufactured by Bobrick Dispensers, Inc. Similar products by Accessories Specialties, American Dispenser Co., or equal, will be acceptable providing products are equal to those specified. Contractor shall carefully coordinate sizes of recessed equipment with rough wall opening sizes.
- 2.02 Grab Bars: 1-1/2" diameter, type 304, Knurled grip stainless steel exposed mounting 42" and 36" long, equal to Bradley No. 812 series as shown on Plans. Refer to floor plan for location. Grab bar size and location to be in full compliance with most current ADA code, and each handicap water closet is to be equipped with a rear wall grab bar with the appropriate lengths and mounting locations.
 - A. In Room 113 – Specialty Bathroom – provide the following:
 - 1. One (1) Model 800-012 at each of the six water closets.
 - 2. Two (2) Model 800-036 shower grab bars in each large shower stall.
 - 3. Two (2) Model 800-060 grab bars in the two smaller shower stalls.
 - 4. Adjust length as required to accommodate size of shower compartment.
- 2.03 Mirrors, Polished Plate: 1/4" polished plate, glass mirrors, No. 1 quality, electrolytically copper plated sized 24" x 30" and located as shown on drawings. Bobrick Disp. Inc. Handicap Tilt Mirror #740-2430 (One each lavatory.) Approved equal: Bradley.
- 2.04 Lavatory Shield: Furnish and install an ADA approved lavatory shield at each wall hung sink unit equal to "TRUEBRO" (800-340-5969). Color to match lavatory.

Provide all miscellaneous incidentals to ensure complete installation. Coordinate with plumbing casework subcontractor.

- 2.05 Soap Dispensers: Install one at each lavatory. Type to be Bobrick B-112, Bradley 6531, or 6583. Approved Equal: Bobrick.
- 2.06 Toilet Paper Holders: At each new water closet, mount on wall Bradley No. 5224 surface mounted double roll toilet tissue dispenser. Approved Equal: Bobrick.
- 2.07 Towel Dispensers: Provide one each toilet, surface-mounted stainless steel stain finish dispenser for “C” fold or multi-fold towels, or Bradley No. 250. Approved Equal: Bobrick.

(END OF SECTION 10810)

(END OF PROJECT MANUAL)

Bid Proposal Form

(Submit in duplicate on Contractor's letterhead)

Date: _____

Time: _____

To: City of Starke
Becky May, Grants Coordinator
209 North Thompson Street
Starke, Florida 32091

RE: City of Starke
RJE Renaissance Center Gymnasium Renovation Project - Phase III
Bid #: 2026-01
CDBG Grant #: 22CV-S47
PSA Project # 24-853

City of Starke:

The undersigned, hereinafter called "Bidder", having visited the site of the proposed project and familiarized himself/herself with the local conditions, nature and extent of the Work, and having examined carefully the drawings, specifications, the Form of Agreement, and other Contract Documents with the Bond Requirements therein, proposed to furnish all labor, materials, equipment and other items, facilities, and services for the proper execution and completion of the referenced construction, in full accordance with the Drawings and Specifications prepared by the firm of **Paul Stresing Associates, Inc.**, in full accordance with the Advertisement for Bids, Instructions to Bidders, Agreement, and all other documents relating thereto on file in the office of the Architect/Engineer and if awarded the Contract, to complete the said work within the time limits specified for the following bid price:

TRENCH SAFETY (Where Applicable)

Provide price for trench safety for trench excavations in excess of five (5) feet deep in accordance with the Trench Safety Act, Chapters 90-96, Laws of Florida and OSHA Standard 29 C.F.R. s.1926.650 Subpart P.

The Contractor herein verifies that he/she is aware of the Trench Safety Act and has in his/her bid all costs related to the requirement of this Act.

Certified by Contractor

A. **BASE BID**

_____ Dollars (\$_____)

1. **ADD ALTERNATE:** Gymnasium High Bay Light Fixture Replacement

_____ Dollars (\$_____)

2. **ADD ALTERNATE:** Emergency Exit Sign Replacement

_____ Dollars (\$_____)

There is enclosed a certified check, cashier's check, treasurer's check, bank draft, or Bid Bond in the total amount of **not less than five percent (5%) of the Base Bid** payable to the City of Starke as a guarantee for the purpose set out in the Instructions to Bidders.

The Bidder hereby agrees that:

- A. The Base Bid proposal and alternates shall remain in full force and effect for a period of thirty (30) calendar days after the time of the opening of this proposal and that the Bidder will not revoke or cancel this proposal or withdraw from the competition within the said thirty (30) calendar days.
- B. In the event the Contract is awarded to this Bidder, he/she will enter into a formal written Agreement with the Owner in accordance with the accepted bid within ten (10) calendar days after the City Commission has taken formal action to accept his/her bid and will furnish to the Owner a Contract Performance Bond and Labor and Material Bond with good and sufficient sureties, satisfactory to the Owner, in the amount of 100% of the accepted bid, the form and terms of which shall fully comply with Section 255.05, Florida Statutes. The Bidder further agrees that in the event of the Bidder's default or breach of any of the agreements of this proposal, the said bid deposit shall be forfeited as liquidated damages.

Acknowledgment is hereby made of receipt of the following Addenda issued during the bidding period.

Addendum No.	Dated

Florida Construction Industries Licensing Board of Certification

(Name of Holder)

(Certificate No.)

In witness thereof, the Bidder has hereunto set his/her signature and affixed his/her seal this day of _____, A.D. 20____.

(Corporate Seal)

By: _____

Print Name and Title: _____

Company Name: _____

Address: _____

Phone Number and Facsimile: _____