

INVITATION TO BID

**BID NO. 11-10-6-7**

**RENOVATION OF EIGHT (8) RESTROOMS AT MEMORIAL STADIUM**

**MANDATORY PRE-BID CONFERENCE: 10:00AM, MAY 19, 2011**  
**ON-SITE**

**BID OPENING: 2:00PM, MAY 31, 2011**

THE COMMISSIONERS OF CHATHAM COUNTY, GEORGIA

PETE LIAKAKIS, CHAIRMAN

COMMISSIONER HELEN J. STONE

COMMISSIONER HARRIS ODELL JR.

COMMISSIONER JAMES J. HOLMES

COMMISSIONER DAVID M. GELLATLY

COMMISSIONER PATRICK O. SHAY

COMMISSIONER DEAN KICKLIGHTER

COMMISSIONER PATRICK J. FARRELL

COMMISSIONER PRISCILLA D. THOMAS

R. JONATHAN HART, COUNTY ATTORNEY

CHATHAM COUNTY, GEORGIA

## DOCUMENT CHECK LIST

The following documents, when marked, are contained in and made a part of this Bid Package or are required to be submitted with the bid. It is the responsibility of the bidder to read, complete and sign, where indicated, and return these documents with his/her bid. **FAILURE TO DO SO MAY BE CAUSE FOR DISQUALIFYING THE BID.**

  X   GENERAL INFORMATION AND INSTRUCTIONS TO BID WITH ATTACHMENTS

  X   SURETY REQUIREMENTS (a Bid Bond of 5% with this ITB)

  X   PROPOSAL

  X   PLANS/DRAWINGS - Plans and specifications must be purchased at Clayton Digital Reprographics by logging into [www.cdrepro.com](http://www.cdrepro.com). Login to DFS. New users must register. For technical support contact Roger Oliver at (912) 352-3880, fax (912) 352-3881 or email: [cdrsouth@cdrepro.com](mailto:cdrsouth@cdrepro.com).

  X   BID SCHEDULE

  X   PERFORMANCE BOND - (Shall be required at time of contract award)

  X   PAYMENT BOND - (Shall be required at time of contract award)

       CONTRACT

  X   LEGAL NOTICE

  X   ATTACHMENTS: A. DRUG FREE WORKPLACE; B. NONDISCRIMINATION STATEMENT; C. DISCLOSURE OF RESPONSIBILITY STATEMENT; D. IMMIGRATION AND SECURITY FORM; E. CONTRACTOR & SUBCONTRACTOR AFFIDAVIT AND AGREEMENT, F. BIDDER'S CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION, G. M/WBE COMPLIANCE REPORT

  X   DOCUMENTATION OF ABILITY TO PERFORM BID REQUIREMENTS. THIS MAY BE REQUIRED OF BIDDERS AFTER SUBMISSION OF BIDS.

**COUNTY TAX CERTIFICATE REQUIREMENT** - Contractor must supply a copy of their Tax Certificate from their location in the State of Georgia, as proof of payment of the occupational tax where their office is located.

CURRENT TAX CERTIFICATE NUMBER  
CITY \_\_\_\_\_

COUNTY \_\_\_\_\_  
OTHER \_\_\_\_\_

**The Chatham County of Commissioners have established goals to increase participation of minority and female owned businesses. In order to accurately document participation, businesses submitting bids or proposals are encouraged to report ownership status. A minority or female business is defined as a business with at least 51% ownership by one or more minority/female individuals and whose daily business operations are managed and directed by one (1) or more of the minority/female owners. Please check ownership status as applicable:**

**African-American \_\_\_\_\_ Asian American \_\_\_\_\_ Hispanic \_\_\_\_\_**

**Native American or Alaskan Indian \_\_\_\_\_ Female \_\_\_\_\_**

**In the award of "Competitive Sealed Proposals", minority/female participation may be one of several evaluation criteria used in the award process when specified as such in the Request for Proposal.**

RECEIPT IS HEREBY ACKNOWLEDGED OF ADDENDA NUMBER(S) \_\_\_\_\_

The undersigned bidder certifies that he/she has received the above listed and marked documents and acknowledges that his/her failure to return each, completed and signed as required, may be cause for disqualifying his/her bid.

BY: \_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE

TITLE: \_\_\_\_\_

COMPANY: \_\_\_\_\_

## **Important Message to All Bidders**

All Bidders/Contractors/Sub-Contractors/Suppliers/Vendors or any individual(s) desiring to do business with Chatham County Purchasing and Contracting Division **MUST** be registered at on the Vendors Management Information System (VIMS) <http://purchasing.chathamcounty.org>. Those previously registered should update their business and contact information.

Successfully registered businesses will be emailed when the County has a solicitation for the product (s) or service (s) you listed under your particular 6-digit NAICS Code. Ensure you have the correct code (s) for your products or services. Here is an example:

**56 Code:** Administrative & Support & Waste Management & Remediation Services:

**561720** Janitorial Services

**561730** Landscaping Services

\* If your service is not listed, you would go with **561990** All Other Support Services  
Finding the best fit NAICS Code will ensure you receive an email and not those you don't want or need.

Beginning 1 July 2011, Purchasing and Contracting will no longer mail routine or recurring solicitations directly. You must download or print from the website above or pick up from our office. Your business must be registered in VIMS. This procedure will help reduce cost of advertising and postage for taxpayers. General/Prime Construction Contractors, Trades and Sub-Contractors must also register for Public Works Construction Projects.

CHATHAM COUNTY, GEORGIA  
OFFICE OF THE PURCHASING AGENT  
POST OFFICE BOX 15180  
SAVANNAH, GEORGIA 31416  
(912) 790-1623

**Date: 2 May 2011**

**BID NO. 11-10-6-7**

**GENERAL INFORMATION FOR INVITATION FOR BID**

This is an invitation to submit a bid to supply Chatham County with construction, equipment, supplies and/or services as indicated herein. Sealed bids will be received at the Office of the Purchasing Agent, **at The Chatham County Citizens Service Center, 1117 Eisenhower Drive, Suite C, Savannah, Georgia 31406 up to 2:00PM local time, 31 May 2011,** at which time they will be opened and publicly read. **The County reserves the right to reject all bids that are non-responsive or not responsible.**

Instructions for preparation and submission of a bid are contained in this Invitation For Bid package. Please note that specific forms for submission of a bid are required. Bids must be typed or printed in ink. If you do not submit a bid, return the signed "No Bid Statement" sheet and state the reason; otherwise, your name may be removed from our bidders list.

A **MANDATORY pre-bid conference** has been scheduled to be conducted **ON-SITE at Memorial Stadium, 101 John J. Scott Drive, Savannah, Georgia, at 10:00 AM, 19 MAY 2011,** to discuss the specifications and resolve any questions and/or misunderstanding that may arise. **You are required to attend.** If bidder is not represented at the on-site pre-bid conference, he will not be permitted to submit a bid.

Any changes to the conditions and specifications must be in the form of a written addendum to be valid; therefore, the Purchasing Agent will issue a written addendum to document each approved change. Generally when addenda are required, the bid opening date will be changed.

Chatham County has an equal opportunity purchasing policy. Chatham County seeks to ensure that all segments of the business community have access to supplying the goods and services needed by County programs. The County affirmatively works to encourage utilization of disadvantaged and minority business enterprises in our procurement activities. The County provides equal opportunity for all businesses and does not discriminate against any persons or businesses regardless of race, color, religion, age, sex, national origin or handicap. The terms "disadvantaged business," "minority business enterprise," and "minority person" are more specifically defined and explained in the **Chatham County Purchasing Ordinance and Procedures Manual, Article VII - Disadvantaged Business Enterprises Program.**

**This project IS NOT a Special Purpose Local Option Sales Tax (SPLOST) Project. See paragraph 2.25 for MBE/WBE participation goals.**

### **INSTRUCTIONS TO BIDDERS**

**1.1 Purpose:** The purpose of this document is to provide general and specific information for use in submitting a bid to supply Chatham County with equipment, supplies, and/or services as described herein. All bids are governed by the Code of Chatham County, Chapter 4, Article IV, and the laws of the State of Georgia.

**1.2 How to Prepare Bids:** All bids shall be:

- a. Prepared on the forms enclosed herewith, unless otherwise prescribed, and **all documents must be submitted.**
- b. Typewritten or completed with pen and ink, signed by the business owner or authorized representative, with all erasures or corrections initialed and dated by the official signing the bid. **ALL SIGNATURE SPACES MUST BE SIGNED.**

Bidders are encouraged to review carefully all provisions and attachments of this document prior to submission. Each bid constitutes an offer and may not be withdrawn except as provided herein.

**1.3 How to Submit Bids:** All bids shall be:

- a. **An original and duplicate copy must be submitted in a sealed opaque envelope, plainly marked with the bid number and title, date and time of bid opening, and company name.**
- b. Mailed or delivered as follows in sufficient time to ensure receipt by the Purchasing Agent on or before the time and date specified above.

**1. Mailing Address: Purchasing Agent, Post Office Box 15180, Savannah, Georgia 31416.**

**2. Hand Delivery: Purchasing Agent, Chatham County Citizens Service Center, 1117 Eisenhower Drive, Suite C, Savannah, Georgia 31406.**

**BIDS NOT RECEIVED BY THE TIME AND DATE SPECIFIED WILL NOT BE OPENED OR CONSIDERED.**

**1.4 How to Submit an Objection:** Objections from bidders to this invitation to bid and/or these specifications should be brought to the attention of the County Purchasing Agent in the following manner:

- a. When a pre-bid conference is scheduled, bidders shall either present their oral objections at that time or submit their written objections at least two (2) days prior to the scheduled pre-bid conference.
  - b. When a pre-bid conference is not scheduled, the bidder shall submit any objections he may have in writing not less than five (5) days prior to the opening of the bid.
  - c. The objections contemplated may pertain to form and/or substance of the invitation to bid documents. Failure to object in accordance with the above procedure will constitute a waiver on the part of the business to protest this invitation to bid.
- 1.5 **Failure to Bid:** If a bid is not submitted, the business should return this invitation to bid document, stating reason therefore, and indicate whether the business should be retained or removed from the County's bidders list.
- 1.6 **Errors in Bids:** Bidders or their authorized representatives are expected to fully inform themselves as to the conditions, requirements, and specifications before submitting bids. Failure to do so will be at the bidder's own risk. In case of error in extension of prices in the bid, the unit price will govern.
- 1.7 **Standards for Acceptance of Bid for Contract Award:** The County reserves the right to reject any or all bids and to waive any irregularities or technicalities in bids received whenever such rejection or waiver is in the best interest of the County. The County reserves the right to reject the bid of a bidder who has previously failed to perform properly or complete on time contracts of a similar nature, or a bid from a bidder whom investigation shows is not in a position to perform the contract.
- 1.8 **Bid Tabulation:** Tabulations for all bids will be posted for thirty (30) days after the bid opening in the Office of Purchasing and Contracting, 1117 Eisenhower Drive, Suite C, Savannah, Georgia 31406 or can be reviewed on the Purchasing web site 24/48 hours after opening at <http://purchasing.chathamcounty.org>.
- 1.9 **Bidder:** Whenever the term "bidder" is used it shall encompass the "person," "business," "contractor," "supplier," "vendor," or other party submitting a bid or proposal to Chatham County in such capacity before a contract has been entered into between such party and the County.
- 1.10 **Responsible / Responsive Bidder:** *Responsible Bidder* means a person or entity that has the capability in all respects to perform fully and reliably the contract requirements. *Responsive Bidder* means a person or entity that has submitted a bid or proposal that

conforms in all material respects to the requirements set forth in the invitation for bids or request for proposals.

- 1.11 **Compliance with Laws:** The bidder and/or contractor shall obtain and maintain all licenses, permits, liability insurance, workman's compensation insurance and comply with any and all other standards or regulations required by federal, state or County statute, ordinances and rules during the performance of any contract between the contractor and the County. Any such requirement specifically set forth in any contract document between the contractor and the County shall be supplementary to this section and not in substitution thereof.
- 1.12 **Contractor:** Contractor or subcontractor means any person or business having a contract with Chatham County. The Contractor/Vendor of goods, material, equipment or services certifies that they will follow equal employment opportunity practices in connection with the awarded contract as more fully specified in the contract documents.
- 1.13 **Local Preference:** On 27 March 1998, the Board of Commissioners adopted a “**Local Vendor**” Preference Ordinance that gives the lowest Chatham County vendor submitting a responsible bid/quote the opportunity to match the lowest price offered by an out-of-County vendor. If the County vendor confirms in writing to match within 24 hours, the award will be made to the Chatham County vendor. The lowest Chatham County responsive bidder will be afforded the “right to first refusal”. “Local Vendor” is defined as a business or supplier which operates and maintains a regular place of business within the geographical boundaries of Chatham County or one of the local Municipalities of the County AND all real and personal property taxes are paid prior to award of a contract or purchase. “**NOT APPLICABLE TO PUBLIC WORKS CONSTRUCTION PROJECTS AND REVENUE PRODUCING BIDS.**” However, contractors are encourage to apply the same method when awarding bids to local M/WBE businesses whenever possible in order to promote growth in Chatham County’s economy.
- 1.14 **Debarred Firms and Pending Litigation:** Any potential proposer/firm listed on the Federal or State of Georgia Excluded Parties Listing (Barred from doing business) **will not** be considered for contract award. Proposers **shall disclose** any record of pending criminal violations (Indictment) and/or convictions, pending lawsuits, etc., and any actions that may be a conflict of interest occurring within the past five (5) years. Any proposer/firm previously defaulting or terminating a contract with the County will not be considered.

**\*\* All bidders or proposers are to read and complete the Disclosure of Responsibility Statement enclosed as an Attachment to be returned with response. Failure to do so may result in your solicitation response being rejected as non-responsive.**

Bidder acknowledges that in performing contract work for the Board, bidder shall not utilize any firms that have been a party to any of the above actions. If bidder has engaged



any firm to work on this contract or project that is later debarred, Bidder shall sever its relationship with that firm with respect to Board contract.

- 1.15 **Performance Evaluation:** On 11 April 2008, the Chatham County Board of Commissioners approved a change to the County Purchasing Ordinance requiring Contractor/Consultant Performance Evaluations, as a minimum, annually, prior to contract anniversary date.

Should Contractor/Consultant performance be unsatisfactory, the appointed County Project Manager for the contract may prepare a Contractor/Consultant Complaint Form or a Performance Evaluation to the County Purchasing Agent.

- 1.16 **Payment of Taxes:** No contract shall be awarded unless all real and personal property taxes have been paid by the successful contractor and/or subcontractors as adopted by the Board of Commissioners on 8 April 1994.

- 1.17 **State Licensing Board for General Contractors:** Pursuant to Georgia law, the following types of contractors must obtain a license from the State Licensing Board of Residential and General Contractors by 1 July 2008 :

**\*Residential - Basic Contractor** (Contractor work relative to detached one-family and two-family residences and one-family townhouses not over three stories in height).

**\*Residential - Light Commercial Contractor** (Contractor work or activity related to multifamily and multiuse light commercial buildings and structures).

**\*General Contractor** (Contractor work or activity that is unlimited in scope regarding any residential or commercial projects).

**A copy of your license must be a part of your bid documents at the time of the bid opening.**

- 1.18 **Immigration:** On 1 July, the Georgia Security and Immigration Compliance Act (SB 529, Section 2) became effective. All contractors and subcontractors with 100 or more employees entering into a contract or performing work must sign an affidavit that he/she has used the E-Verify System. E-Verify is a no-cost federal employment verification system to insure employment eligibility. Affidavits are enclosed in this solicitation. You may download M-274 Handbook for Employers at <http://www.dol.state.ga.us/spotlight/employment/rules>. You may go to <http://www.uscis.gov> to find the E-Verify information.

**Protection of Resident Workers.** Chatham County Board of Commissioners actively supports the Immigration and Nationality Act (INA) which includes provisions addressing

employment eligibility, employment verification, and nondiscrimination. Under the INA, employers may hire only persons who may legally work in the United States (i.e., citizens and nationals of the U.S.) and aliens authorized to work in the U.S. The employer must verify the identity and employment eligibility of anyone to be hired, which includes completing the Employment Eligibility Verification Form (I-9). The Contractor shall establish appropriate procedures and controls so no services or products under the Contract Documents will be performed or manufactured by any worker who is not legally eligible to perform such services or employment.

## **GENERAL CONDITIONS**

- 2.1 **Specifications:** Any obvious error or omission in specifications shall not inure to the benefit of the bidder but shall put the bidder on notice to inquire of or identify the same from the County. Whenever herein mentioned is made of any article, material or workmanship to be in accordance with laws, ordinances, building codes, underwriter's codes, A.S.T.M. regulations or similar expressions, the requirements of these laws, ordinances, etc., shall be construed to be the minimum requirements of these specifications.
- 2.2 **Multiple Bids:** No vendor will be allowed to submit more than one (1) bid. Any alternate proposals must be brought to the Purchasing Agent's attention during the Pre-bid Conference or submitted in writing at least five (5) days preceding the bid opening date.
- 2.3 Not Used.
- 2.4 **Prices to be Firm:** Bidder warrants that bid prices, terms and conditions quoted in his bid will be firm for acceptance for a period of sixty (60) days from bid opening date, unless otherwise stated in the bid.
- 2.5 **Completeness:** All information required by Invitation for Bids/Proposals must be completed and submitted to constitute a proper bid or proposal.
- 2.6 **Quality:** All materials, or supplies used for the construction necessary to comply with this proposal shall be of the best quality, and of the highest standard of workmanship. Workmanship employed in any construction, repair, or installation required by this proposal shall be of the highest quality and meet recognized standards within the respective trades, crafts and of the skills employed.
- 2.7 **Guarantee/Warranty:** Unless otherwise specified by the County, the bidder shall unconditionally guarantee the materials and workmanship for one (1) year on all material and/or services. If, within the guarantee period, any defects occur which are due to faulty material and or services, the contractor at his expense, shall repair or adjust the condition, or replace the material and/or services to the complete satisfaction of the County. These

repairs, replacements or adjustments shall be made only at such time as will be designated by the County as being least detrimental to the operation of County business.

- 2.8 **Liability Provisions:** Where bidders are required to enter or go onto Chatham County property to take measurements or gather other information in order to prepare the bid or proposal as requested by the County, the bidder shall be liable for any injury, damage or loss occasioned by negligence of the bidder, his agent, or any person the bidder has designated to prepare the bid and shall indemnify and hold harmless Chatham County from any liability arising therefrom. The contract document specifies the liability provisions required of the successful bidder in order to be awarded a contract with Chatham County.
- 2.9 **Cancellation of Contract:** The contract may be canceled or suspended by Chatham County in whole or in part by written notice of default to the Contractor upon non-performance or violation of contract terms. An award may be made to the next low bidder, for articles and/or services specified or they may be purchased on the open market and the defaulting Contractor (or his surety) shall be liable to Chatham County for costs to the County in excess of the defaulted contract prices. See the contract documents for complete requirements.
- 2.10 **Patent Indemnity:** Except as otherwise provided, the successful bidder agrees to indemnify Chatham County and its officers, agents and employees against liability, including costs and expenses for infringement upon any letters patent of the United States arising out of the performance of this Contract or out of the use or disposal for the account of the County of supplies furnished or construction work performed hereunder.
- 2.11 **Certification of Independent Price Determination:** By submission of this bid, the bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, that in connection with this procurement:
- (1) The prices in this bid have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;
  - (2) Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly to any other bidder or to any competitor; and
  - (3) No attempt has been made or will be made by the bidder to induce any other person or firm to submit or not be submit a bid for the purpose or restricting competition.

- 2.12 **Award of Contract:** The contract, if awarded, will be awarded to that responsible bidder whose bid/proposal will be most advantageous to Chatham County, price and other factors considered. The Board of Commissioners will make the determination as to which bid or proposal that serves as the best value to Chatham County.
- 2.13 **Procurement Protests:** Objections and protests to any portion of the procurement process or actions of the County staff may be filed with the Purchasing Agent for review and resolution. The Chatham County Purchasing Procedures Manual, Article IX - Appeals and Remedies shall govern the review and resolution of all protests.
- 2.14 **Qualification of Business (Responsible Bidder or Proposer):** A responsible bidder or proposer is defined as one who meets, or by the date of the bid acceptance can meet, certifications, all requirements for licensing, insurance, and registrations, or other documentation required by the Design Professional engaged to develop Scope of Work, specifications and plans. These documents will be listed in the Special Conditions further on in this solicitation. Chatham County has the right to require any or all bidders to submit documentation of the ability to perform, provide, or carry out the service or provide the product requested.

Chatham County has the right to disqualify the bid or proposal of any bidder or proposer as being unresponsive or unresponsive whenever such bidder/proposer cannot document the ability to deliver the requested product.

- 2.15 **Chatham County Tax Certificate Requirement:** A current Chatham County Tax Certificate is required unless otherwise specified. Please contact the Building Safety and Regulatory Services at (912) 201-4300 for additional information.

**NOTE:** No contract shall be awarded unless all real and personal property taxes have been paid by the successful contractor and/or subcontractors as adopted by the Board of Commissioners on 8 April 1994.

- 2.16 **Insurance Provisions, General:** The selected contractor shall be required to procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors. The cost of such insurance shall be included in the Bid.  
It is every contractor's responsibility to provide the County Purchasing and Contracting Division current and up-to-date Certificates of Insurance for multiple year contracts before the end of each term. **Failure to do so may be cause for termination of contract.**

2.16.1 General Information that shall appear on a Certificate of Insurance:

- I. Name of the Producer (Contractor's insurance Broker/Agent).

- II. Companies affording coverage (there may be several).
- III. Name and Address of the Insured (this should be the Company or Parent of the firm Chatham County is contracting with).
- IV. A Summary of all current insurance for the insured (includes effective dates of coverage).
- V. A brief description of the operations to be performed, the specific job to be performed, or contract number.
- VI. Certificate Holder (This is to always include Chatham County).

**Chatham County as an Additional Insured:** Chatham County invokes the defense of sovereign immunity. In order not to jeopardize the use of this defense, the County **is not** to be included as an Additional Insured on insurance contracts.

**2.16.2 Minimum Limits of Insurance** to be maintained for the duration of the contract:

- a. **Commercial General Liability:** Provides protection against bodily injury and property damage claims arising from operations of a Contractor or Tenant. This policy coverage includes: premises and operations, use of independent contractors, products/completed operations, personal injury, contractual, broad form property damage, and underground, explosion and collapse hazards. Minimum limits: \$1,000,000 bodily injury and property damage per occurrence and annual aggregate.
- b. **Worker's Compensation and Employer's Liability:** Provides statutory protection against bodily injury, sickness or disease sustained by employees of the Contractor while performing within the scope of their duties. Employer's Liability coverage is usually included in Worker's Compensation policies, and insures common law claims of injured employees made in lieu of or in addition to a Worker's Compensation claim. Minimum limits: \$500,000 for each accident., disease policy limit, disease each employee and Statutory Worker's Compensation limit.
- c. **Business Automobile Liability:** Coverage insures against liability claims arising out of the Contractor's use of automobiles. Minimum limit: \$1,000,000 combined single limit per accident for bodily injury and property damage. Coverage should be written on an Any Auto basis.

**2.16.3 Special Requirements:**

- a. **Claims-Made Coverage:** The limits of liability shall remain the same as the occurrence basis, however, the Retroactive date shall be prior to the coincident with the date of any contract, and the Certificate of Insurance shall state the coverage is claims-made. The Retroactive date shall also be

specifically stated on the Certificate of Insurance.

- b. **Extended Reporting Periods:** The Contractor shall provide the County with a notice of the election to initiate any Supplemental Extended Reporting Period and the reason(s) for invoking this option.
- c. **Reporting Provisions:** Any failure to comply with reporting provisions of the policies shall not affect coverage provided in relation to this request.
- d. **Cancellation:** Each insurance policy that applies to this request shall be endorsed to state that it shall not be suspended, voided, or canceled, except after thirty (30) days prior to written notice by certified mail, return receipt requested, has been given to the County.
- e. **Proof of Insurance:** Chatham County shall be furnished with certificates of insurance and with original endorsements affecting coverage required by this request. The certificates and endorsements are to be signed by a person authorized by the insurer to bind coverage on its behalf. All certificates of insurance are to be submitted prior to, and approved by, the County before services are rendered. The Contractor must ensure Certificate of Insurance are updated for the entire term of the County.
- f. **Insurer Acceptability:** Insurance is to be placed with an insurer having an A.M. Best's rating of A and a five (5) year average financial rating of not less than V. If an insurer does not qualify for averaging on a five year basis, the current total Best's rating will be used to evaluate insurer acceptability.
- g. **Lapse in Coverage:** A lapse in coverage shall constitute grounds for contract termination by the Chatham County Board of Commissioners.
- h. **Deductibles and Self-Insured Retention:** Any deductibles or self-insured retention must be declared to, and approved by, the County. At the option of the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retention as related to the County, its officials, officers, employees, and volunteers; or the Contractor shall procure a bond guaranteeing payment of related suits, losses, claims, and related investigation, claim administration and defense expenses.

#### 2.16.4 **Additional Coverage for Specific Procurement Projects:**

- a. **Professional Liability:** Insure errors or omission on behalf of architects, engineers, attorneys, medical professionals, and consultants.

<u>Minimum Limits:</u>	\$1 million per claim/occurrence
<u>Coverage Requirement:</u>	If claims-made, retroactive date must precede or coincide with the contract effective date or the date of the Notice to Proceed. The professional <u>must state</u> if tail coverage has been purchased and the duration of the coverage.

- b. **Builder's Risk: (For Construction or Installation Contracts)** Covers against insured perils while in the course of construction.

Minimum Limits: All-Risk coverage equal 100% of contract value

Coverage Requirements: Occupancy Clause - permits County to use the facility prior to issuance of Notice of Substantial Completion.

- 2.17 **Compliance with Specification - Terms and Conditions:** The Invitation to Bid, Legal Advertisement, General Conditions and Instructions to Bidders, Specifications, Special Conditions, Vendor's Bid, Addendum, and/or any other pertinent documents form a part of the bidders proposal or bid and by reference are made a part hereof.
- 2.18 **Signed Bid Considered Offer:** The signed bid shall be considered an offer on the part of the bidder, which offer shall be deemed accepted upon approval by the Chatham County Board of Commissioners, Purchasing Agent or his designee. In case of a default on the part of the bidder after such acceptance, Chatham County may take such action as it deems appropriate, including legal action for damages or lack of required performance.
- 2.19 **Notice to Proceed:** The successful bidder or proposer shall not commence work under this Invitation to Bid until a written contract is awarded and a Notice to Proceed is issued by the Purchasing Agent or his designee. If the successful bidder does commence any work or deliver items prior to receiving official notification, he does so at his own risk.
- 2.20 **Payment to Contractors:** Instructions for invoicing the County for products delivered to the County are specified in the contract document.
  - a. Questions regarding payment may be directed to the Finance Department at (912) 652-7900 or the County's Project Manager as specified in the contract documents.
  - b. Contractors will be paid the agreed upon compensation upon satisfactory delivery of the products or completion of the work as more fully described in the contract document.
  - c. Upon completion of the work or delivery of the products, the Contractor will provide the County with an affidavit certifying all suppliers, persons or

businesses employed by the Contractor for the work performed for the County have been paid in full.

- d. Chatham County is a tax exempt entity. Every contractor, vendor, business or person under contract with Chatham County is required by Georgia law to pay State sales or use taxes for products purchased in Georgia or transported into Georgia and sold to Chatham County by contract. Please consult the State of Georgia, Department of Revenue, Sales and Use Tax Unit in Atlanta (404) 656-4065 for additional information.

2.21 **Owner's Rights Concerning Award:** The Owner reserves the right, and sole and complete discretion to waive technicalities and informalities. The Owner further reserves the right, and sole and complete discretion to reject all bids and any bid that is not responsive or that is over the budget, as amended. In judging whether the bidder is responsible, the Owner will consider, but is not limited to consideration of, the following:

- a. Whether the bidder or principals are currently ineligible, debarred, suspended, or otherwise excluded from bidding or contracting by any state or federal agency, department, or authority;
- b. Whether the bidder or principals have been terminated for cause or are currently in default on a public works contract;
- c. Whether the bidder can demonstrate a commitment to safety with regard to Workers' Compensation by having an experience Modification Rate (EMR) over the past three years not having exceeded an average of 1.2; and
- d. Whether the bidder's past work provides evidence of an ability to successfully complete public works projects within the established time, quality, or cost, or to comply with the bidder's contract obligations; and
- e. Whether the bidder has made a Good Faith Effort to meet local participation goals for local economic impact for Disadvantaged Business Enterprises and Small Business Enterprises.

2.22 **Owner's Right to Negotiate with the Lowest Bidder:**

In the event all responsive and responsible bids are in excess of the budget, the Owner, in its sole and absolute discretion and in addition to the rights set forth above, reserves the right either to (i) supplement the budget with additional funds to permit award to the lowest responsive and responsible bid, or (ii) to negotiate with the lowest responsive and responsible bidder (after taking all deductive alternates) only for the purpose of making changes to the Project that will result in a cost to the Owner that is within the budget, as it



may be amended.

**2.23 Debarred or Suspended Subcontractors.**

CONTRACTOR shall not subcontract, and shall ensure that no subcontracts are awarded at any tier, to any individual, firm, partnership, joint venture, or any other entity regardless of the form of business organization, that is on the Federal Excluded Parties List System (EPLS) at <https://www.epls.gov> or the State of Georgia, DOAS, State Purchasing Exclusion listing, or other local government entity. This includes pending litigation or claims with the County or other government entities. Contractor shall immediately notify County in the event any subcontractor is added to a Federal, State or other Government Entity listing after award of the subcontract.

**2.24 Cone of Silence:**

Lobbying of Procurement Evaluation Committee members, County Government employees, and elected officials regarding this product or service solicitation, Invitation to Bid (ITB) or Request for Proposal (RFP) or contract by any member of a proposer's staff, or those people employed by any legal entity affiliated with an organization that is responding to the solicitation is strictly prohibited. Negative campaigning through the mass media about the current service delivery is strictly prohibited. Such actions may cause your proposal to be rejected.

**2.25** The Chatham County Board of Commissioners has adopted an aggressive program that establishes goals for minority/female, small and disadvantaged business participation in construction, professional services, and general procurement.

- a. The Chatham County Board of Commissioners under Georgia law may reject any bid as non-responsive if they feel a bidder did not exercise "Good Faith Effort" in obtaining the goal established for M/WBE participation.
- b. The Chatham County Board of Commissioners adopted a policy establishing goals oriented to increase participation of minority and female owned businesses, through MBE/WBE certification and development. In order to accurately document participation, businesses submitting bids, quotes or proposals are encouraged to report ownership status. A bidder or vendor that is certified by any agency of the Federal Government or State of Georgia may submit a copy of their certification with their bid as proof of qualifications. Bidders that intend to engage in joint ventures or utilize subcontractors must submit to the County Contracts Administrator, a report on Minority/Female Business Enterprise participation.

**Goals established for this project is 12% MBE/ 5% WBE.**

- c. A Minority/Female Business Enterprise (M/WBE) is a business concern that is at least 51% owned by one or more minority/female individuals and whose daily business operations are managed and directed by one (1) or more of the minority/female owners.

- 2.26 Bidders or proposers are required to make a **Good Faith Effort**, where subcontracting is to be utilized in performing the contract, to subcontract with or purchase supplies from qualified M/WBEs. Bidders or proposers are required to state if they intend to subcontract any part of the work. Goals will be established for each contract at the onset. **Forms** requiring the signatures of bidders or proposers are enclosed as **Attachments** and must be completed and returned with your bid response. If forms are not completed and submitted, the bid may be considered nonresponsive.

Each bidder or proposer is required to maintain records of such efforts in detail adequate to permit a determination of compliance with these requirements. All contracts will reflect **Good Faith Efforts** and reporting requirements for the term of the contract. The County particularly urges general contractors to give emphasis to subcontracting with local area firms. For information on the program or M/WBE contractors/vendors please contact Ms. Arneja Riley, Chatham County Minority and Women Business Coordinator, 124 Bull Street, Suite 310, Savannah, Georgia 31401, (912) 652-7860 phone, (912) 652-7849 fax, or email [alriley@chathamcounty.org](mailto:alriley@chathamcounty.org).

- 2.27 **GEORGIA OPEN RECORDS ACT** - The responses will become part of the County's official files without any obligation on the County's part. Ownership of all data, materials and documentation prepared for and submitted to Chatham County in response to a solicitation, regardless of type, shall belong exclusively to Chatham County and will be considered a record prepared and maintained or received in the course of operations of a public office or agency and subject to public inspection in accordance with the Georgia Open Records Act, Official Code of Georgia Annotated, Section 50-18-70, et. Seq., unless otherwise provided by law.

Responses to RFPs shall be held confidential from all parties other than the County until after the contract is awarded by the Board of Commissioners.

The vendor and their bid price in response to ITBs will be read allowed at public bid openings. After Bid Tabulations, the ITB shall be available for public viewing.

Chatham County shall not be held accountable if material from responses is obtained without the written consent of the vendor by parties other than the County, at any time during the solicitation evaluation process.

- 2.28 **GEORGIA TRADE SECRET ACT of 1990** - In the event a Bidder/Proposer submits trade secret information to the County, the information must be clearly labeled as a Trade

Secret. The County will maintain the confidentiality of such trade secrets to the extent provided by law.

2.29 **CONTRACTOR RECORDS** -The Georgia Open Records Act is applicable to the records of all contractors and subcontractors under contract with the County. This applies to those specific contracts currently in effect and those which have been completed or closed for up three (3) years following completion. Again, this is contract specific to the County contracts only.

2.30 **EXCEPTIONS**-All proceedings, records, contracts and other public records relating to procurement transactions shall be open to the inspection of any citizen, or any interested person, firm or corporation, in accordance with the Georgia Open Records Act except as provided below:

- a. Cost estimates relating to a proposed procurement transaction prepared by or for a public body shall not be open to public inspection.
- b. Any competitive sealed bidding bidder, upon request, shall be afforded the opportunity to inspect bid records within a reasonable time after the opening of all bids but prior to award, except in the event that the County decides not to accept any of the bids and to rebid the contract. Otherwise, bid records shall be open to public inspection only after award of the contract. Any competitive negotiation offeror, upon request, shall be afforded the opportunity to inspect proposal records within a reasonable time after the evaluation and negotiations of proposals are completed but prior to award except in the event that the County decides not to accept any of the proposals and to reopen the contract. Otherwise, proposal records shall be open to the public inspection only after award of the contract except as provided in paragraph "c" below. Any inspection of procurement transaction records under this section shall be subject to reasonable restrictions to ensure the security and integrity of the records.
- c. Trade secrets or proprietary information submitted by a bidder, offeror or contractor in connection with a procurement transaction shall not be subject to public disclosure under the Georgia Open Records Act; however, the bidder, offeror or contractor must invoke the protections of this section prior to or upon submission of the data or other materials, and must identify the data or other materials to be protected and state the reasons why protection is necessary.
- d. Nothing contained in this section shall be construed to require the County, when procuring by "competitive negotiation" (Request for Proposal), to furnish a statement of the reasons why a particular proposal was not deemed to be the most advantageous to the County.

- 2.31 **REFERENCES - \$500,000 or more:** For bidders to be responsive each must provide information on the most recent five (5) projects with similar scope of work as well as other information to determine experience and qualifications as follows:

- a. Project Name: \_\_\_\_\_
- Location: \_\_\_\_\_
- Owner: \_\_\_\_\_
- Address: \_\_\_\_\_
- City and State: \_\_\_\_\_
- Contact: \_\_\_\_\_
- Phone & Fax: \_\_\_\_\_
- \*Architect or Engineer: \_\_\_\_\_
- Contact: \_\_\_\_\_
- Phone & Fax: \_\_\_\_\_
- b. The awarded bid amount and project start date.
- c. Final cost of project and completion date.
- d. Number of change orders.
- e. Contracted project completion in days.
- f. Project completed on time. Yes\_\_\_\_ No\_\_\_\_ Days exceeded\_\_\_\_\_.
- g. List previous contracts your company performed for Chatham County by Project Title, date and awarded/final cost.
- h. Has contractor ever failed to complete a project? If so, provide explanation.
- i. Have any projects ever performed by contractor been the subject of a claim or lawsuit by or against the contractor? If yes, please identify the nature of such claim or lawsuit, the court in which the case was filed and the details of its resolution.

**\$499,000 and less:** Provide references from owners of at least three (3) projects of various sizes. Include government owners if possible. If the contractor has performed any work for the Chatham County Board of Commissioners within the last five (5) years, at least one (1) of the three (3) owner references must be from the appropriate party within the Chatham County Government. Provide in the format as in (a) above on the attached form.

**Failure to provide the above information may result in your firm's bid being rejected and ruled as non-responsive.**

**NOTE: FORMS FOR YOU TO FILL OUT FOR YOUR REFERENCES ARE ATTACHED TO THE BACK OF THIS BID PACKAGE.**

## **ADDITIONAL CONDITIONS**

- 3.1 **Price Change:** Preference shall be given to the bidder submitting the lowest and best firm price as his bid. Should it be found that due to unusual market conditions it is to the best interest of the County to accept a price with an escalation clause, the following shall apply:

The contract price shall be frozen for a specified period. This period must be shown on your bid 11-10-6-7. Cost data to support any proposed increase must be submitted to the Purchasing Agent not less than ten (10) days prior to the effective date of any such requested price increase.

Any adjustment allowed shall consist of bona fide material cost increases which may be passed on to the consumer. No adjustment shall be made to compensate a supplier for inefficiency in operation, or for additional profit.

Bids indicating "price in effect at time of shipment" will be considered invalid.

- 3.2. **METHOD OF COMPENSATION.** The compensation provided for herein shall include all claims by the CONTRACTOR for all costs incurred by the CONTRACTOR in the conduct of the Project as authorized by the approved Project Compensation Schedule and this amount shall be paid to the CONTRACTOR after receipt of the invoice and approval of the amount by the COUNTY. The COUNTY shall make payments to the CONTRACTOR within thirty (30) days from the date of receipt of the CONTRACTOR's acceptable statement on forms prepared by the CONTRACTOR and approved by the COUNTY.

Should the Project begin within any one month, the first invoice shall cover the partial period from the beginning date of the Project through the last day of the month (or on a mutually agreeable time) in which it began. The invoices shall be submitted each month until the Project is completed. Invoices shall be itemized to reflect actual expenses for each individual task; also refer to the requirements concerning changes, delays and termination of work under Sections I-8, 9, and 10 of the contract. Each invoice shall be accompanied by a summary progress report which outlines the work accomplished during the billing period and any problems that may be inhibiting the Project execution. The terms of this contract are intended to supersede all provisions of the Georgia Prompt Pay Act.

As long as the gross value of completed work is less than 50% of the total contract amount, or if the contractor is not maintaining his construction schedule to the satisfaction of the engineer, the County shall retain 10% of the gross value of the completed work as indicated by the current estimate approved by the engineer.

After the gross value of completed work becomes to or exceed 50% of the total contract amount within a time period satisfactory to the County, then the total amount to be retained may be reduced to 5% of the gross value of the completed work as indicated by the current estimate approved by the engineer, until all pay items are substantially completed.

When all work is completed and time charges have ceased, pending final acceptance and final payment the amount retained may be further reduced at the discretion of the County.

The CONTRACTOR may submit a final invoice to the County for the remaining retainage upon COUNTY'S acceptance of the Certificate of Substantial Completion. Final payment constituting the entire unpaid balance due shall be paid by the COUNTY to the

CONTRACTOR when work has been fully completed and the contract fully performed, except for the responsibilities of the CONTRACTOR which survive final payment. The making of final payment shall constitute a waiver of all claims by Chatham County except those arising from unsettled liens, faulty or defective work appearing after substantial completion, failure of the work to comply with the requirements of the Contract Documents, or terms of any warranties required by the Contractor Documents or those items previously made in writing and identified by the COUNTY as unsettled at the time of final application for payment. Acceptance of final payment shall constitute a waiver of all claims by the CONTRACTOR, except those previously made in writing and identified by the CONTRACTOR as unsettled at the time of final application for payment.

**3.2.1. NOT USED**

**3.2.2. NOT USED**

**3.3 SURETY REQUIREMENTS and Bonds:**

- A. Such bidder shall post a bid bond, certified check or money order made payable to the Chatham County Finance Department in the amount of 5% of the bid price.**
- B. Contractor(s) shall be required at time of contract to shall post a payment/performance bond, certified check or money order made payable to the Chatham County Finance Department in the amount of 100% of the bid price if awarded the purchase. Such bond(s) are due prior to contract execution as a guarantee that goods meet specifications and will be delivered per contract. Such bonds will also guarantee quality performance of services and timely payment of invoices to any subcontractors.**

- C. Whenever a bond is provided, it shall be executed by a surety authorized to do business in the State of Georgia and approved by Chatham County.
- D. Bidder acknowledges Chatham County's right to require a Performance and Payment Bond of a specific kind and origin. "Performance Bond" means a bond with good and sufficient surety or surities for the faithful performance of the contract and to indemnify the governmental entity for any damages occasioned by a failure to perform the same within the prescribed time. Such bond shall be payable to, in favor of, and for the protection of the governmental entity for which the work is to be done. "Payment Bond" means a bond with good and sufficient surety or sureties payable to the governmental entity for which the work is to be done and intended for the use and protection of all subcontractors and all persons supplying labor, materials, machinery, and equipment in the prosecution of the work provided for in the public works construction contract.
- E. Forfeit the amount of the Bid Bond if he/she fails to enter into a contract with Chatham County to do and/or furnish everything necessary to provide service and/or accomplish the work stated and/or specified in this bid proposal for the bid amount, and;

#### 3.4 WARRANTY REQUIREMENTS:

- a. Provisions of item 2.7 apply.
- b. Warranty required.
  - 1. Standard warranty shall be offered with bid.
  - 2. Extended warranty shall be offered with bid. The cost of the extended warranty will be listed separately on the bid sheet.

#### 3.5 Terms of Contract: (check where applicable):

- a. Annual Contract (With automatic renewal options for four (4) additional one (1) year terms if all parties agree)
- b. One-time Purchase
- X c. Other ONE TIME CONTRACT

#### 3.6 ALTERNATE BONDING PROGRAM:

Chatham County Board of Commissioners has approved an agreement with a company that will provide an Alternate Bonding Program for Disadvantaged Businesses within Chatham County area (\*MSA) for registered contractors and sub-contractors. Companies

must be registered in the Vendor Information Management System (VIMS) at the Chatham County web site found at the Purchasing and Contracting link.

It is the desire of the Board of Commissioners to provide more contracting opportunities to County small, minority and women businesses to bid projects not only as sub-contractors, but as prime or general contractors, thereby growing local business enterprises.

For additional information on this Program, you may contact Ms. Arneja Riley, M/WBE Coordinator, at 912-652-7860, [ariley@chathamcounty.org](mailto:ariley@chathamcounty.org), or in person at 124 Bull St. 3<sup>rd</sup> Floor, Human Resources and Services Department, Suite 310, Savannah, Georgia.

\*MSA: Metropolitan Statistical Area for Chatham County is Bryan, Chatham, and Effingham Counties.

### 3.7 AUDITS AND INSPECTIONS:

At any time during normal business hours and as often as the County may deem necessary, the Contractor and his subcontractors shall make available to the County and/or representatives of the Chatham County Department of Internal Audit for examination of all its records with respect to all matters covered by this Contract. It shall also permit the County and/or representatives of the Department of Internal Audit to audit, inspect, examine and make copies, excerpts or transcripts from such records of personnel, conditions of employment and other data relating to all matters covered by this Contract. All documents to be audited shall be available for inspection at all reasonable times in the main offices of the County or at the offices of the Contractor as requested by the County.

### 3.8 COOPERATIVE PURCHASING AGREEMENT:

As part of the National trend involving Joint or Cooperative Purchasing Programs, all bidders are to indicate below that a contract award as a result of this bid is open to all Government entities within the four (4) County areas that include Chatham, Bryan, Effingham and Liberty Counties. The Counties are in *NO WAY OBLIGATED* to make purchases of services from the resulting contract and would have to supply their own needs to the Contractor.

\_\_\_\_\_ /Yes                      \_\_\_\_\_ /No

**CONVERSATIONS OR CORRESPONDENCE REGARDING THIS SOLICITATION OR REPORT BETWEEN PROSPECTIVE OFFERORS AND PERSONS OUTSIDE THE**



**CHATHAM COUNTY PURCHASING OFFICE WILL NOT BE CONSIDERED  
OFFICIAL OR BINDING UNLESS OTHERWISE SPECIFICALLY AUTHORIZED  
WITHIN THIS DOCUMENT.**

The undersigned bidder or proposer certifies that he/she has carefully read the preceding list of instructions to bidders and all other data applicable hereto and made a part of this invitation; and, further certifies that the prices shown in his/her bid/proposal are in accordance with all documents contained in this Invitation for Bids/ Proposals package, and that any exception taken thereto may disqualify his/her bid/proposal.

This is to certify that I, the undersigned bidder, have read the instructions to bidder and agree to be bound by the provisions of the same.

This \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_.

BY \_\_\_\_\_

SIGNATURE

\_\_\_\_\_

TITLE

\_\_\_\_\_

COMPANY

\_\_\_\_\_

Phone / Fax No's.

CHATHAM COUNTY, GEORGIA  
SURETY REQUIREMENTS

A Bid Bond for five percent (5%) of the amount of the bid is required to be submitted with each bid.

A Performance Bond for one hundred percent (100%) of the bid shall be required of the successful bidder.

The Bidder certifies that he/she has examined all documents contained in this bid package, and is familiar with all aspects of the proposal and understands fully all that is required of the successful bidder. The Bidder further certifies that his/her bid shall not be withdrawn for thirty (30) days from the date on which his bid is publicly opened and read.

The Bidder agrees, if awarded this bid, he/she will:

- A. Furnish, upon receipt of an authorized Chatham County Purchase Order, all items indicated thereon as specified in this bid proposal for the bid amount, or;
- B. Enter a contract with Chatham County to do and/or furnish everything necessary to provide the service and/or accomplish the work as stated and/or specified in this bid proposal for the bid amount, and;
- C. Furnish, if required, a Performance Bond, and acknowledges Chatham County's right to require a Performance Bond of a specific kind and origin, and;
- D. Forfeit the amount of the Bid Bond if he/she fails to enter a contract with Chatham County as stated in (B) above, within fifteen (15) days of the date on which he/she is awarded the bid, and/or;
- E. Forfeit the amount of the Performance Bond if he/she fails to execute and fulfill the terms of the contract entered. The amount of forfeiture shall be:
  - 1. The difference between his/her bid and the next lowest, responsible bid that has not expired or been withdrawn, or;
  - 2. The difference between his/her bid and the amount of the lowest, responsible bid received as a result of rebidding, including all costs related to rebidding.

\_\_\_\_\_  
COMPANY

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
TELEPHONE NUMBER

## **INVITATION TO BID**

**SPECIFICATIONS FOR:**

**BID NO. 11-10-6-7**

### **RENOVATION OF EIGHT (8) RESTROOMS AT MEMORIAL STADIUM**

#### **GENERAL INFORMATION:**

The purpose of this bid request is to solicit the bids of a qualified contractor for the renovation of the eight (8) public restrooms at Memorial Stadium. The scope of work includes but not limited to; the construction, renovation, and upgrade, of the (8) public restrooms at Memorial Stadium located at, 101 John J. Scott Drive Savannah, Ga 31406. Also included in the bid are specifications requiring that all restrooms meet American Disabilities Act (ADA) requirements.

#### **4.1 WORK REQUIREMENTS:**

- 4.1.1 Removal of all commodes, urinals, wash basins and all associated fixtures/hardware in both men's and women's restrooms. Replace all commodes, urinals, wash basins and all associated fixtures/hardware in both men's and women's restrooms. Construct new wall partition outside restrooms and modification of drinking fountains as required in specifications.
- 4.1.2 Painting of all restrooms with a water based epoxy paint, repair floors after construction to include but not limited to replacing damaged tiles, stripping, and applying a sealant/ oil based epoxy paint, all work will be done according to design specifications.
- 4.1.3 All restrooms will meet ADA compliance to include but not limited to; exterior ramps, handicap accessible stalls/sinks, grab bars and the demolition and patching of walls to meet ADA specifications as required by design specifications.
- 4.1.4 Contractor will be responsible to provide all materials and supplies needed to complete this project. Contractor will also be responsible for removing and disposing of all construction materials/debris associated with this project. It will also be the responsibility of the contractor to provide their own trash receptacle for removal of debris.
- 4.1.5 The contractor will be required to observe all safety rules, guidelines, regulations, and supply all safety equipment necessary to protect employees and citizens entering or leaving the job site. Contractors will conduct all work in a professional manner while on County premises.
- 4.1.6 Work shall be done during normal working hours 8:00 a.m. – 5:00 p.m. however, with approval from the project manager weekend work is permissible.

- 4.1.7 Selected contractor is advised that any equipment, supplies or materials left on site will be at contractor's own risk. Chatham County will not be responsible for any missing, broken, or stolen equipment, supplies or materials of selected contractor while working at job site.
- 4.1.8 Keys issued to the contractor for entry into the facility, will become the responsibility of the contractor. Contractor will also be responsible to ensure that all areas accessed are secured at the end of the work day. Once the project has concluded contractor will return all issued keys. Lost keys may result in the re-keying of all doors and locks at the facility and all cost will be the responsibility of the contractor.

**NOTE: All work performed under this bid request will be done in accordance with the design and specifications as provided by *Neil Dawson Architects* and are included and made part of this bid proposal.**

**This shall be a lump sum contract.**

**Commencement and Completion:**

**WORK SHALL BEGIN WITHIN TEN (10) DAYS AFTER RECEIPT OF "NOTICE TO PROCEED". FINAL DELIVERABLE IS DUE WITHIN 45 CALENDAR DAYS AFTER THE TEN DAY PERIOD.**

**BID SHEET**

**BID NO. 11-10-6-7**

**RENOVATION OF EIGHT (8) RESTROOMS AT MEMORIAL STADIUM**

**LUMP SUM BID**

**\$ \_\_\_\_\_**

**NOTE: (ROUND ALL AMOUNTS TO THE NEAREST DOLLAR)**

Bid Price to include **all** aspects of the work.

\_\_\_\_\_  
NAME/TITLE

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY/STATE/ZIP

\_\_\_\_\_  
PHONE NUMBER

\_\_\_\_\_  
FAX NUMBER

## LIST OF SUBCONTRACTORS

I do \_\_\_\_\_, do not \_\_\_\_\_, propose to subcontract some of the work on this project. I propose to subcontract work to the following subcontractors: **NOTE: M/WBE PARTICIPATION.**

[illegible]

**SIGNED:** \_\_\_\_\_  
**CONTRACTOR**

[illegible]

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

CAST-IN-PLACE CONCRETE 03300 - 1

**03300 CAST-IN-PLACE CONCRETE**

**PART 1 - GENERAL**

**1.1 SECTION REQUIREMENTS**

- A. Submittals: Submit concrete mix designs and laboratory test reports].
- B. Comply with ASTM C 94; ACI 301, "Specification for Structural Concrete"; ACI 117, "Specifications for Tolerances for Concrete Construction and Materials"; and CRSI's "Manual of Standard Practice."
- C. Engage a qualified independent testing agency to design concrete mixes.

**PART 2 - PRODUCTS**

**2.1 MATERIALS**

- A. Deformed Reinforcing Bars: ASTM A 615/A 615M, Grade 60 (Grade 420).
  - B. Plain Steel Wire: ASTM A 82, as drawn.
  - C. Steel Welded-Wire Fabric: ASTM A 185, flat sheets not rolls.
- Portland Cement: ASTM C 150, Type I or II.
- D. Fly Ash: ASTM C 618, Type C or F.
  - E. Aggregates: ASTM C 33, uniformly graded.
  - F. Fiber Reinforcement: ASTM C 1116, Type III, synthetic fibers, 1/2 to 1 inch (13 to 25 mm).
  - G. Vapor Retarder:
    - 1. CLASS A VAPOR BARRIER: Tensile strength min. 45 f-lbs./in.; Puncture resistance min. 2200 g. and Water vapor permeance (ASTM E154-99 or ASTM F1249-01) max. 0.3 perms. Made from either polyolefin sheet manufactured from virgin resins, polyethylene sheet or 7-ply laminate, combining 4 layers of high-density polyethylene and 3 high-strength non-woven cord grids complying with requirements of ASTM E1745-97(2004), Class A, not less than 10 mils thick. Basis of Design: Corsella Dorken: Delta MS Underslab
    - 2. ACCESSORIES: Adhesive or tape meeting same performance requirements as vapor retarder and acceptable to manufacturer. Polymer-modified bituminous/asphalt emulsion mastic (ASTM C836-03).



H. Liquid Membrane-Forming Curing Compound: ASTM C 309, clear, [Type I, Class A or B, solvent borne, wax free]  
[Type I, Class B, waterborne].

I. Liquid Membrane-Forming Curing and Sealing Compound: ASTM C 1315, clear, Type I, Class A, [solvent borne]  
[waterborne].

J. Joint-Filler Strips: ASTM D 1751, cellulosic fiber, or ASTM D 1752, cork.

K. Repair Underlayment: Factory-packaged, portland or blended hydraulic cement-based, polymer-modified, selfleveling  
underlayment with minimum 28-day compressive strength of 4100 psi (29 MPa).

L. Repair Topping: Factory-packaged, portland or blended hydraulic cement-based, polymer-modified, self-leveling  
traffic-bearing topping with minimum 28-day compressive strength of 5700 psi (39 MPa).

**MEMORIAL STADIUM – Toilet Renovations** 03/21/11

Chatham County

CAST-IN-PLACE CONCRETE 03300 - 2

**2.2 MIXES**

A. Proportion normal-weight concrete mixes to provide the following properties:

1. Compressive Strength: 3000 psi at 28 days.
2. Slump Limit: 4 inches at point of placement.
3. Air Content: 2 to 4 percent.

**PART 3 - EXECUTION**

**3.1 CONCRETING**

A. Construct formwork and maintain tolerances and surface irregularities within ACI 117 limits of Class A for concrete

exposed to view and Class C for other concrete surfaces.

B. Set water stops where indicated to ensure joint watertightness.

C. Install vapor retarder in accordance with ASTM E1643-98 and in accord with manufacturer's product data, over

compacted, clean subgrade material, free of debris and protrusions.

D. Accurately position, support, and secure reinforcement.

E. Install construction, isolation, and contraction joints where indicated. Install full-depth joint-filler strips at isolation joints.

F. Place concrete in a continuous operation and consolidate using mechanical vibrating equipment.

G. Protect concrete from physical damage, premature drying, and reduced strength due to hot or cold weather during mixing, placing, and curing.

H. Formed Surface Finish: Smooth-formed finish for concrete exposed to view, coated, or covered by waterproofing or other direct-applied material; rough-formed finish elsewhere.

I. Slab Finishes:

1. Troweled finish for floor surfaces and floors to receive floor coverings, paint, or other thin film-finish coatings

2. Trowel and fine-broom finish for surfaces to receive thin-set tile

J. Cure formed surfaces by moist curing for at least seven days. Begin curing concrete slabs after finishing.

K. Protect concrete from damage. Repair surface defects in formed concrete and slabs.

L. Repair slabs not meeting surface tolerances by grinding high areas and by applying a repair underlayment to low areas receiving floor coverings and a repair topping to low areas to remain exposed.

## **END OF SECTION 03300**

### **MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

UNIT MASONRY 04200 - 1

## **04200 UNIT MASONRY**

### **PART 1 - GENERAL**

#### **1.1 SUMMARY**

A. This Section includes unit masonry assemblies consisting of the following:

1. Concrete masonry units (CMUs).
2. Mortar and grout.
3. Reinforcing steel.
4. Masonry joint reinforcement.
5. Miscellaneous masonry accessories.

#### **1.2 SUBMITTALS**

A. Product Data: For each type of product indicated.

B. Material Certificates: Include statements of material properties indicating compliance with requirements including compliance with standards and type designations within standards.

Provide for each type and size of the following:

1. Brick and Cast Stone Masonry units.
2. Preblended, dry mortar mixes. Include description of type and proportions of ingredients.
3. Grout mixes. Include description of type and proportions of ingredients.
4. Reinforcing bars.
5. Joint reinforcement.

C. Mix Designs: For each type of mortar and grout. Include description of type and proportions of ingredients.

#### **1.3 DELIVERY, STORAGE, AND HANDLING**

A. Store masonry units on elevated platforms in a dry location. If units are not stored in an enclosed location, cover tops and sides of stacks with waterproof sheeting, securely tied. If units become wet, do not install until they are

dry.

B. Store aggregates where grading and other required characteristics can be maintained and contamination avoided.

C. Deliver preblended, dry mortar mix in moisture-resistant containers designed for lifting and emptying into dispensing silo. Store preblended, dry mortar mix in delivery containers on elevated platforms, under cover, and in a dry location or in a metal dispensing silo with weatherproof cover.

D. Store masonry accessories, including metal items, to prevent corrosion and accumulation of dirt and oil.

#### 1.4 PROJECT CONDITIONS

A. Hot-Weather Requirements: Comply with hot-weather construction requirements contained in ACI 530.1/ASCE 6/TMS 602.

### **MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

UNIT MASONRY 04200 - 2

## PART 2 - PRODUCTS

### 2.1 CONCRETE MASONRY UNITS (CMUs)

A. Shapes: Provide shapes indicated and as follows:

1. Provide special shapes for lintels, jambs, headers, bonding, and other special conditions indicated.

2. Provide square-edged units for outside corners, unless otherwise indicated.

B. Concrete Masonry Units: ASTM C 90.

1. Unit Compressive Strength: Provide units with minimum average net-area compressive strength of 1900 psi.

2. Size (Width): Manufactured to dimensions 3/8 inch less than nominal dimensions to match existing units.

3. Exposed Faces: Standard color and texture.

### 2.2 MORTAR AND GROUT MATERIALS

A. Portland Cement: ASTM C 150, Type I or II. Provide natural color cement.

B. Hydrated Lime: ASTM C 207, Type S.

C. Portland Cement-Lime Mix: Packaged blend of portland cement complying with ASTM C 150, Type I or Type III, and hydrated lime complying with ASTM C 207, Type S.

D. Mortar Cement: ASTM C 1329.

1. Products:

a. Lafarge North America Inc.; Lafarge Mortar Cement or Magnolia Superbond Mortar Cement.

b. Holcim, Inc.; Envirocore 9000.

c. Essroc; Brixment Mortar Cement.

E. Aggregate for Mortar: ASTM C 144.

1. For mortar that is exposed to view, use washed aggregate consisting of natural sand or crushed stone.

2. For joints less than 1/4 inch thick, use aggregate graded with 100 percent passing the No. 16 sieve.

F. Aggregate for Grout: ASTM C 404.

G. Water: Potable.

### 2.3 BAR REINFORCEMENT:

A. Material: Meeting ASTM A615-03a, ACI 530 and ACI 530.1.

B. Bars: Deformed type, Grade 60.

C. Ties and stirrups: Grade 60.

### 2.4 MORTAR AND GROUT MIXES

A. General: Do not use admixtures, including pigments, air-entraining agents, accelerators, retarders, water-repellent agents, antifreeze compounds, or other admixtures, unless otherwise indicated.

1. Do not use calcium chloride in mortar or grout.

2. Limit cementitious materials in mortar for exterior and reinforced masonry to portland cement, mortar cement, and lime.

## **MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

### UNIT MASONRY 04200 - 3

B. Preblended, Dry Mortar Mix: Furnish dry mortar ingredients in form of a preblended mix. Measure quantities by weight to ensure accurate proportions, and thoroughly blend ingredients before delivering to Project site.

C. Mortar for Unit Masonry: Type S. Comply with ASTM C 270, Property Specification.

D. Grout for Unit Masonry: Comply with ASTM C 476.

1. Use grout of type indicated or, if not otherwise indicated, of type (fine or coarse) that will comply with Table 1.15.1 in ACI 530.1/ASCE 6/TMS 602 for dimensions of grout spaces and pour height.

2. Provide grout with a slump of 8 to 11 inches as measured according to ASTM C 143/C 143M.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

A. Examine conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.

1. Verify that foundations are within tolerances specified.

2. Verify that reinforcing dowels are properly placed.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 INSTALLATION, GENERAL

- A. Thickness: Build single-wythe walls to actual widths of masonry units, using units of widths to match existing.
- B. Use full-size units without cutting if possible. If cutting is required to provide a continuous pattern or to fit adjoining construction, cut units with motor-driven saws; provide clean, sharp, unchipped edges. Allow units to dry before laying unless wetting of units is specified. Install cut units with cut surfaces and, where possible, cut edges concealed.
- C. Comply with construction tolerances in ACI 530.1/ASCE 6/TMS 602 and with the following:
  - 1. For conspicuous vertical lines, such as external corners, door jambs, reveals, and expansion and control joints, do not vary from plumb by more than 1/8 inch in 10 feet, 1/4 inch in 20 feet, or 1/2 inch maximum.
  - 2. For vertical alignment of exposed head joints, do not vary from plumb by more than 1/4 inch in 10 feet, or 1/2 inch maximum.
  - 3. For conspicuous horizontal lines, such as lintels, sills, parapets, and reveals, do not vary from level by more than 1/8 inch in 10 feet, 1/4 inch in 20 feet, or 1/2 inch maximum.
  - 4. For faces of adjacent exposed masonry units, do not vary from flush alignment by more than 1/16 inch except due to warpage of masonry units within tolerances specified for warpage of units.

### 3.3 LAYING MASONRY WALLS

- A. Fill space between steel frames and masonry solidly with mortar, unless otherwise indicated.
- B. Fill cores in hollow concrete masonry units with grout 24 inches under bearing plates, beams, lintels, posts, and similar items, unless otherwise indicated.

### 3.4 MORTAR BEDDING AND JOINTING

- A. Lay masonry units as follows:
  - 1. With face shells fully bedded in mortar and with head joints of depth equal to bed joints.
  - 2. With webs fully bedded in mortar in all courses of piers, columns, and pilasters.

## **MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

### UNIT MASONRY 04200 - 4

- 3. With webs fully bedded in mortar in grouted masonry, including starting course on footings.
- 4. With entire units, including areas under cells, fully bedded in mortar at starting course on footings where cells are not grouted.
- B. Cut joints flush for masonry walls to receive other direct-applied finishes (other than paint), unless otherwise indicated.

### 3.5 LINTELS

- A. Provide masonry lintels where shown and where openings of more than 24 inches for block-size units are shown without structural steel or other supporting lintels.

### 3.6 REPAIRING, POINTING, AND CLEANING

- A. Remove and replace masonry units that are loose, chipped, broken, stained, or otherwise damaged or that do not match adjoining units. Install new units to match adjoining units; install in fresh mortar, pointed to eliminate evidence of replacement.
- B. Pointing: During the tooling of joints, enlarge voids and holes, and completely fill with mortar. Point up joints, including corners, openings, and adjacent construction, to provide a neat, uniform appearance. Prepare joints for sealant application, where indicated.
- C. Cleaning: Clean unit masonry as work progresses by dry brushing to remove mortar fins and smears before tooling joints. After mortar is thoroughly set and cured, clean exposed masonry as follows:
1. Remove large mortar particles by hand with wooden paddles and nonmetallic scrape hoes or chisels.
  2. Clean concrete masonry by cleaning method indicated in NCMA TEK 8-2A applicable to type of stain on exposed surfaces.

## **END OF SECTION 04200**

### **MEMORIAL STADIUM – Toilet Renovations 03/21/11 Chatham County**

#### **ARCHITECTURAL WOODWORK 06401 - 1**

#### **06401 - ARCHITECTURAL WOODWORK**

##### **1.1 SUMMARY**

A. This Section includes the following:

1. Cellular PVC Boards for infill at exterior openings scheduled for exhaust fans.
2. Cementitious Boards for infill at gaps at tops of existing CMU between rooms

##### **1.2 SUBMITTALS**

A. Product Data: For each type of product and process indicated and incorporated into items of exterior architectural woodwork during fabrication, finishing, and installation.

##### **PART 2 - PRODUCTS**

2.1 CELLULAR PVC BOARDS: At all exterior exposed infill panels provide Azek or similar solid cellular PVC panel material in 1/2" thickness.

2.2 CEMENTITIOUS BOARDS: General: ASTM C 1186, Type A, Grade II, fiber-cement board, noncombustible when tested according to ASTM E 136; with a flame-spread index of 25 or less when tested according to ASTM E 84.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

- a. Cemplank.
- b. CertainTeed Corp.
- c. GAF Materials Corporation.
- d. James Hardie.

2. Pattern: smooth texture

2.3 FASTENERS: Use stainless-steel or aluminum fasteners and clips secured into existing adjacent concrete masonry units.

##### **PART 3 - EXECUTION**

##### **3.1 INSTALLATION**

- A. Install woodwork true and straight with no distortions. Install level and plumb to a tolerance of 1/8 inch in 96 inches .
- B. Scribe and cut woodwork to fit adjoining work, and refinish cut surfaces or repair damaged finish at cuts.
- C. Anchor woodwork to anchors or blocking built in or directly attached to substrates. Secure to grounds, stripping and blocking with countersunk concealed fasteners and blind nailing. Use fine finishing nails for exposed nailing, countersunk and filled flush with woodwork.

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

**ARCHITECTURAL WOODWORK 06401 - 2**

- D. Standing and Running Trim: Install with minimum number of joints possible, using full-length pieces (from maximum length of lumber available) to greatest extent possible. Do not use pieces less than 36 inches long, except where shorter single-length pieces are necessary. Scarf running joints and stagger in adjacent and related members.
- E. Complete finishing work specified in this Section to extent not completed at shop or before installation of woodwork. Fill nail and screw holes with matching filler where exposed.
- F. Refer to Division 09 Sections for final finishing of installed architectural woodwork.

**3.2 ADJUSTING AND CLEANING**

- A. Repair damaged and defective woodwork, where possible, to eliminate functional and visual defects; replace woodwork where not possible to repair. Adjust joinery for uniform appearance.
- B. Clean woodwork on exposed and semiexposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas.

**END OF SECTION 06401**

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

**JOINT SEALANTS 07920 - 1**

**07920 JOINT SEALANTS**

**PART 1 - GENERAL**

**1.1 SUMMARY**

- A. This Section includes joint sealants for the applications indicated in the Joint-Sealant Schedule at the end of Part 3.

**1.2 PERFORMANCE REQUIREMENTS**

- A. Provide joint sealants for interior applications that establish and maintain airtight and water-resistant continuous joint seals without staining or deteriorating joint substrates.

**1.3 SUBMITTALS**

- A. Product Data: For each joint-sealant product indicated.

B. Samples for Initial Selection: Manufacturer's color charts consisting of strips of cured sealants showing the full range of colors available for each product exposed to view.

C. Product Test Reports: Based on comprehensive testing of product formulations performed by a qualified testing agency, indicating that sealants comply with requirements.

#### 1.4 PROJECT CONDITIONS

A. Do not proceed with installation of joint sealants under the following conditions:

1. When ambient and substrate temperature conditions are outside limits permitted by joint-sealant manufacturer or are below 40 deg F.
2. When joint substrates are wet.
3. Where joint widths are less than those allowed by joint-sealant manufacturer for applications indicated.
4. Contaminants capable of interfering with adhesion have not yet been removed from joint substrates.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS, GENERAL

A. Compatibility: Provide joint sealants, backings, and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by sealant manufacturer, based on testing and field experience.

#### 2.2 ELASTOMERIC JOINT SEALANTS

A. Elastomeric Sealants: Comply with ASTM C 920 and other requirements indicated for each liquid-applied chemically curing sealant specified, including those referencing ASTM C 920 classifications for type, grade, class, and uses related to exposure and joint substrates.

### **MEMORIAL STADIUM – Toilet Renovations 03/21/11** Chatham County

#### JOINT SEALANTS 07920 - 2

B. Stain-Test-Response Characteristics: Where elastomeric sealants are specified to be nonstaining to porous substrates, provide products that have undergone testing according to ASTM C 1248 and have not stained porous joint substrates indicated for Project.

C. Single-Component Neutral-Curing, General Purpose Silicone Sealant:

1. Products:
  - a. Dow Corning Corporation; 790.
  - b. Tremco; Spectrem 1 (Basic).
  - c. Pecora Corporation; 890.
2. Type and Grade: S (single component) and NS (nonsag).
3. Class: 50.
4. Use Related to Exposure: NT (nontraffic).
5. Uses Related to Joint Substrates: G, A, and, as applicable to joint substrates indicated, O.



6. Stain-Test-Response Characteristics: Nonstaining to porous substrates per ASTM C 1248.

D. Single-Component Mildew-Resistant Neutral-Curing Silicone Sealant:

1. Products:

a. Pecora Corporation; 898.

b. Tremco; Tremsil 600 White.

2. Type and Grade: S (single component) and NS (nonsag).

3. Class: 25.

4. Use Related to Exposure: NT (nontraffic).

5. Uses Related to Joint Substrates: G, A, and, as applicable to joint substrates indicated, O.

E. Multicomponent Pourable Urethane Sealant:

1. Products:

a. Pecora Corporation; Dynatrol II-SG.

b. Sika Corporation, Inc.; Sikaflex - 2c SL.

c. Sonneborn, Division of ChemRex Inc.; SL 2.

d. Tremco; THC-900.

2. Type and Grade: M (multicomponent) and P (pourable).

3. Class: 25.

4. Uses Related to Exposure: T (traffic).

5. Uses Related to Joint Substrates: M, A, and, as applicable to joint substrates indicated, O.

F. Single-Component Nonsag Urethane Sealant:

1. Products:

a. Sika Corporation, Inc.; Sikaflex - 1a.

b. Sonneborn, Division of ChemRex Inc.; NP 1.

c. Tremco; Vulkem 116.

2. Type and Grade: S (single component) and NS (nonsag).

3. Class: 25.

4. Uses Related to Exposure: T (traffic) and NT (nontraffic).

5. Uses Related to Joint Substrates: M, A, and, as applicable to joint substrates indicated, O.

## 2.3 LATEX JOINT SEALANTS

A. Latex Sealant: Comply with ASTM C 834, Type P, Grade NF.

B. Products:

1. Pecora Corporation; AC-20+.

2. Sonneborn, Division of ChemRex Inc.; Sonolac.

3. Tremco; Tremflex 834.

## MEMORIAL STADIUM – Toilet Renovations 03/21/11

Chatham County

## JOINT SEALANTS 07920 - 3

## 2.4 JOINT-SEALANT BACKING

A. Cylindrical Sealant Backings: ASTM C 1330, Type C (closed-cell material with a surface skin) or other type, as approved in writing by joint-sealant manufacturer for joint application indicated, and of size and density to control sealant depth and otherwise contribute to producing optimum sealant performance.

B. Bond-Breaker Tape: Polyethylene tape or other plastic tape recommended by sealant manufacturer for preventing sealant from adhering to rigid, inflexible joint-filler materials or joint surfaces at back of joint where such adhesion would result in sealant failure. Provide self-adhesive tape where applicable.

## 2.5 MISCELLANEOUS MATERIALS

A. Primer: Material recommended by joint-sealant manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from preconstruction joint-sealant-substrate tests and field tests.

B. Cleaners for Nonporous Surfaces: Chemical cleaners acceptable to manufacturers of sealants and sealant backing materials, free of oily residues or other substances capable of staining or harming joint substrates and adjacent nonporous surfaces in any way, and formulated to promote optimum adhesion of sealants to joint substrates.

C. Masking Tape: Nonstaining, nonabsorbent material compatible with joint sealants and surfaces adjacent to joints.

## PART 3 - EXECUTION

### 3.1 PREPARATION

A. Surface Cleaning of Joints: Clean out joints immediately before installing joint sealants to comply with joint-sealant manufacturer's written instructions.

B. Joint Priming: Prime joint substrates, where recommended in writing by joint-sealant manufacturer, based on preconstruction joint-sealant-substrate tests or prior experience. Apply primer to comply with joint-sealant manufacturer's written instructions. Confine primers to areas of joint-sealant bond; do not allow spillage or migration onto adjoining surfaces.

C. Masking Tape: Use masking tape where required to prevent contact of sealant with adjoining surfaces that otherwise would be permanently stained or damaged by such contact or by cleaning methods required to remove sealant smears. Remove tape immediately after tooling without disturbing joint seal.

### 3.2 INSTALLATION OF JOINT SEALANTS

A. General: Comply with joint-sealant manufacturer's written installation instructions for products and applications indicated, unless more stringent requirements apply.

B. Sealant Installation Standard: Comply with recommendations in ASTM C 1193 for use of joint sealants as applicable to materials, applications, and conditions indicated.

C. Install sealant backings of type indicated to support sealants during application and at position required to produce cross-sectional shapes and depths of installed sealants relative to joint widths that allow optimum sealant movement capability.

1. Do not leave gaps between ends of sealant backings.

2. Do not stretch, twist, puncture, or tear sealant backings.

3. Remove absorbent sealant backings that have become wet before sealant application and replace them with dry materials.

## JOINT SEALANTS 07920 - 4

D. Tooling of Nonsag Sealants: Immediately after sealant application and before skinning or curing begins, tool sealants according to requirements specified below to form smooth, uniform beads of configuration indicated; to eliminate air pockets; and to ensure contact and adhesion of sealant with sides of joint.

1. Remove excess sealant from surfaces adjacent to joints.
2. Use tooling agents that are approved in writing by sealant manufacturer.
3. Provide concave joint configuration per Figure 5A in ASTM C 1193, unless otherwise indicated.

### 3.3 CLEANING

A. Clean off excess sealant or sealant smears adjacent to joints as the Work progresses by methods and with cleaning materials approved in writing by manufacturers of joint sealants and of products in which joints occur.

### 3.4 PROTECTION

A. Protect joint sealants during and after curing period from contact with contaminating substances and from damage resulting from construction operations or other causes so sealants are without deterioration or damage at time of Substantial Completion. If damage or deterioration occurs, cut out and remove damaged or deteriorated joint sealants immediately so installations with repaired areas are indistinguishable from original work.

## SCHEDULE 1 - JOINT-SEALANT SCHEDULE

A. Interior perimeter joints of exterior openings.

1. Joint Sealant: Single-component nonsag urethane sealant.
  2. Joint-Sealant Color: As selected by Architect from manufacturer's full range.
- B. Interior ceramic tile control and isolation joints in horizontal traffic surfaces.

1. Joint Sealant: Multicomponent pourable urethane sealant.
  2. Joint-Sealant Color: As selected by Architect from manufacturer's full range.
- C. Interior joints between plumbing fixtures and adjoining walls, floors, and counters.

1. Joint Sealant: Single-component mildew-resistant neutral-curing silicone sealant.
2. Joint-Sealant Color: White

D. Perimeter joints between interior wall surfaces and frames of doors and windows.

1. Joint Sealant: Latex sealant.
2. Joint-Sealant Color: As selected by Architect from manufacturer's full range.

## END OF SECTION 07920

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

## HOLLOW METAL DOORS AND FRAMES 08110 - 1

## 08110 HOLLOW METAL DOORS AND FRAMES

## PART 1 - GENERAL

### 1.1 SUMMARY

A. This Section includes the following:

1. Steel doors.
2. Steel door frames.

### 1.2 SUBMITTALS

A. Product Data: For each type of door and frame indicated, include door designation, type, level and model, material

description, fire-resistance rating, construction details, and finishes.

B. Door Schedule: Use same reference designations indicated on Drawings in preparing schedule for doors and frames.

### 1.3 QUALITY ASSURANCE

A. Steel Door and Frame Standard: Comply with ANSI A 250.8, unless more stringent requirements are indicated.

### 1.4 DELIVERY, STORAGE, AND HANDLING

A. Deliver doors and frames cardboard-wrapped or crated to provide protection during transit and job storage.

Provide additional protection to prevent damage to finish of factory-finished doors and frames.

B. Inspect doors and frames on delivery for damage, and notify shipper and supplier if damage is found. Minor damages may be repaired provided refinished items match new work and are acceptable to Architect. Remove and replace damaged items that cannot be repaired as directed.

C. Store doors and frames at building site under cover. Place units on minimum 4-inch- high wood blocking. Avoid using nonvented plastic or canvas shelters that could create a humidity chamber. If door packaging becomes wet, remove cartons immediately. Provide minimum 1/4-inch spaces between stacked doors to permit air circulation.

## PART 2 - PRODUCTS

### 2.1 MATERIALS

A. Hot-Rolled Steel Sheets: ASTM A 569/A 569M, Commercial Steel (CS), Type B; free of scale, pitting, or surface defects; pickled and oiled.

B. Cold-Rolled Steel Sheets: ASTM A 366/A 366M, Commercial Steel (CS), or ASTM A 620/A 620M, Drawing Steel (DS), Type B; stretcher-leveled standard of flatness.

C. Metallic-Coated Steel Sheets: ASTM A 653/A 653M, Commercial Steel (CS), Type B, with an A40 zinc-iron-alloy (galvannealed) coating; stretcher-leveled standard of flatness.

D. Electrolytic Zinc-Coated Steel Sheet: ASTM A 591/A 591M, Commercial Steel (CS), Class B coating; mill phosphatized; suitable for unexposed applications; stretcher-leveled standard of flatness where used for face sheets.

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

HOLLOW METAL DOORS AND FRAMES 08110 - 2

## 2.2 DOORS

A. General: Provide doors of sizes, thicknesses, and designs indicated.

B. Exterior Doors: Provide doors complying with requirements indicated below by referencing ANSI A250.8 for level and model and ANSI A250.4 for physical-endurance level:

1. Level 3 and Physical Performance Level A (Extra Heavy Duty), Model 2 (Seamless).

## 2.3 FRAMES

A. General: Provide steel frames for doors, transoms, sidelights, borrowed lights, and other openings that comply with ANSI A250.8 and with details indicated for type and profile.

B. Interior Frames: Fabricated from cold-rolled steel sheet, shop primed.

1. Fabricate knocked-down frames with mitered or coped corners, for field assembly.

2. Frames for Wood and Level 2 Steel Doors: 0.053-inch- thick steel sheet, unless otherwise indicated.

C. Door Silencers: Except on weather-stripped frames, fabricate stops to receive three silencers on strike jambs of single-door frames and two silencers on heads of double-door frames.

D. Supports and Anchors: Fabricated from not less than 0.042-inch- thick, electrolytic zinc-coated or metallic-coated steel sheet.

E. Inserts, Bolts, and Fasteners: Manufacturer's standard units. Where zinc-coated items are to be built into exterior walls, comply with ASTM A 153/A 153M, Class C or D as applicable.

## 2.4 FABRICATION

A. General: Fabricate steel door and frame units to comply with ANSI A250.8 and to be rigid, neat in appearance, and free from defects including warp and buckle. Where practical, fit and assemble units in manufacturer's plant.

Clearly identify work that cannot be permanently factory assembled before shipment, to assure proper assembly at Project site.

B. Exterior Door Construction: For exterior locations and elsewhere as indicated, fabricate doors, panels, and frames from metallic-coated steel sheet. Close top and bottom edges of doors flush as an integral part of door construction or by addition of 0.053-inch- thick, metallic-coated steel channels with channel webs placed even with top and bottom edges.

C. Core Construction: Manufacturer's standard core construction that produces a door complying with SDI standards.

D. Clearances for Non-Fire-Rated Doors: Not more than 1/8 inch at jambs and heads, except not more than 1/4 inch between pairs of doors. Undercut one inch at bottom.

E. Tolerances: Comply with SDI 117, "Manufacturing Tolerances for Standard Steel Doors and Frames."

F. Fabricate concealed stiffeners, reinforcement, edge channels, and moldings from either cold- or hot-rolled steel sheet.

G. Exposed Fasteners: Unless otherwise indicated, provide countersunk flat or oval heads for exposed screws and bolts.

H. Hardware Preparation: Prepare doors and frames to receive mortised and concealed hardware according to final door hardware schedule and templates provided by hardware supplier. Comply with applicable requirements in ANSI A250.6 and ANSI A115 Series specifications for door and frame preparation for hardware.

Chatham County

## HOLLOW METAL DOORS AND FRAMES 08110 - 3

I. Frame Construction: Fabricate frames to shape shown.

1. For interior applications, fabricate knock-down frames with mitered or coped corners, for field assembly.

J. Reinforce doors and frames to receive surface-applied hardware. Drilling and tapping for surface-applied hardware may be done at Project site.

K. Locate hardware as indicated on Shop Drawings or, if not indicated, according to ANSI A250.8.

### 2.5 FINISHES

A. Prime Finish: Manufacturer's standard, factory-applied coat of rust-inhibiting primer complying with ANSI A250.10 for acceptance criteria.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

A. General: Install steel doors, frames, and accessories according to Shop Drawings, manufacturer's data, and as specified.

B. Placing Frames: Comply with provisions in SDI 105, unless otherwise indicated. Set frames accurately in position, plumbed, aligned, and braced securely until permanent anchors are set. After wall construction is completed, remove temporary braces and spreaders, leaving surfaces smooth and undamaged.

1. Except for frames located in existing walls or partitions, place frames before construction of enclosing walls and ceilings.

2. In metal-stud partitions, provide at least three wall anchors per jamb; install adjacent to hinge location on hinge jamb and at corresponding heights on strike jamb. Attach wall anchors to studs with screws.

C. Door Installation: Comply with ANSI A250.8. Fit hollow-metal doors accurately in frames, within clearances specified in ANSI A250.8. Shim as necessary to comply with SDI 122 and ANSI/DHI A115.1G.

### 3.2 ADJUSTING AND CLEANING

A. Prime-Coat Touchup: Immediately after installation, sand smooth any rusted or damaged areas of prime coat and apply touch up of compatible air-drying primer.

B. Protection Removal: Immediately before final inspection, remove protective wrappings from doors and frames.

## END OF SECTION 08110

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

DOOR HARDWARE 08710 - 1

## **08710 DOOR HARDWARE**

### **PART 1 - GENERAL**

#### **1.1 SUMMARY**

A. This Section includes all door hardware indicated in the schedule attached to this section.

#### **1.2 SUBMITTALS**

A. Product Data: Include installation details, material descriptions, dimensions of individual components and profiles, 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.

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 each 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.

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: Prepared by or under the supervision of supplier, detailing Owner's final keying instructions for locks. Include schematic keying diagram and index each key set to unique door designations.

D. Product Test Reports: Based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified testing agency, indicating current products comply with requirements.

E. Maintenance Data: For each type of door hardware to include in maintenance manuals specified in Division 01.

F. Warranties: Special warranties specified in this Section.

#### **1.3 QUALITY ASSURANCE**

A. Installer Qualifications: An experienced installer who has completed 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 inservice performance.

B. Supplier Qualifications: Door hardware supplier with warehousing facilities in Project's vicinity and who is or employs a qualified Architectural Hardware Consultant, available during the course of the Work to consult with Contractor, Architect, and Owner about door hardware and keying.

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

**DOOR HARDWARE 08710 - 2**

1. Scheduling Responsibility: Preparation of door hardware and keying schedules.

C. Architectural Hardware Consultant Qualifications: A person who is currently certified by the Door and Hardware Institute as an Architectural Hardware Consultant and who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project.

D. Source Limitations: Obtain each type and variety of door hardware from a single manufacturer, unless otherwise indicated.

E. Regulatory Requirements: Comply with provisions of the following:

1. Where indicated to comply with accessibility requirements, comply with ICC/ANSI A117.1 as follows:

a. Handles, Pulls, Latches, Locks, and other Operating Devices: Shape that is easy to grasp with one

hand and does not require tight grasping, tight pinching, or twisting of the wrist.

b. Door Closers: Maximum opening-force for interior hinged doors shall not exceed 5 lbf applied perpendicular to door.

c. Thresholds: Not more than 1/2 inch high. Bevel raised thresholds with a slope of not more than

1:2.

**1.4 DELIVERY, STORAGE, AND HANDLING**

A. Inventory door hardware on receipt and provide secure lock-up for door hardware delivered to Project site.

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 keys to Owner by registered mail or overnight package service.

**1.5 COORDINATION**

A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing door hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.



## 1.6 WARRANTY

A. General Warranty: 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. Special Warranty: Written warranty, executed by manufacturer agreeing to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period. Failures include, but are not limited to, the following:

1. Structural failures including excessive deflection, cracking, or breakage.
2. Faulty operation of operators and door hardware.
3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.

C. Warranty Period: Three years from date of Substantial Completion, unless otherwise indicated.

D. Warranty Period for Closers: 10 years from date of Substantial Completion.

## **MEMORIAL STADIUM – Toilet Renovations 03/21/11** Chatham County

### DOOR HARDWARE 08710 - 3

## 1.7 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.

B. Maintenance Service: Beginning at Substantial Completion, provide six months' full maintenance by skilled employees of door hardware Installer. Include quarterly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper door hardware operation.

Provide parts and supplies as used in the manufacture and installation of original products.

## PART 2 - PRODUCTS

### 2.1 SCHEDULED DOOR HARDWARE

A. General: Provide door hardware for each door to comply with requirements in this Section, and the Door Hardware Schedule.

1. Door Hardware Sets: Provide quantity, item, size, finish or color indicated, and products equivalent in function and comparable in quality to named products.

B. Designations: Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Schedule. 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 minimum requirements. Manufacturers' names are abbreviated in the Door Hardware Schedule.

## 2.2 HINGES

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Hinges:

a. McKinney Products Company; Div. of ESSEX Industries, Inc.

b. Bommer Industries, Inc.

c. Hager Companies.

B. Standards: Comply with the following:

1. Butts and Hinges: BHMA A156.1.

2. Template Hinge Dimensions: BHMA A156.7.

C. Quantity: Provide three hinges per leaf.

D. Hinge Size: Provide 4-1/2" height hinges.

E. Hinge Weight: Unless otherwise indicated, provide the following:

1. Doors with Closers: Antifriction-bearing hinges.

2. Interior Doors: Standard-weight hinges.

F. Hinge Base Metal: Unless otherwise indicated, provide the following:

1. Interior Hinges: Steel, with steel pin.

G. Hinge Options:

1. Nonremovable Pins: Provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed for outswinging exterior doors.

2. Corners: Square or as required to fit existing frames to be reused.

## **MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

DOOR HARDWARE 08710 - 4

H. Fasteners: Comply with the following:

1. Machine Screws: For metal doors and frames. Install into drilled and tapped holes.

2. Wood Screws: For wood doors and frames.

3. Screws: Phillips flat-head screws; machine screws (drilled and tapped holes) for metal doors; wood screws for wood doors and frames. Finish screw heads to match surface of hinges.

## 2.3 CYLINDERS AND KEYING

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Cylinders:

a. Corbin Russwin

b. SARGENT

c. Schlage Commercial Lock Division.

B. Standards: Comply with the following:

1. Cylinders: BHMA A156.5, removable core.

C. Cylinder Grade: BHMA Grade 1.

D. Cylinders: Manufacturer's standard tumbler type, constructed from brass or bronze, stainless steel, or nickel silver, and complying with the following:

1. Number of Pins: Six.

2. Mortise Type: Threaded cylinders with rings and straight- or clover-type cam.

3. Rim Type: Cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.

E. Permanent Cores: Manufacturer's standard; finish face to match lockset; complying with the following:

1. Interchangeable Cores: Core insert, removable by use of a special key.

2. Removable Cores: Core insert, removable by use of a special key, and for use with only the core manufacturer's cylinder and door hardware.

F. Keys: Provide nickel-silver keys complying with the following:

1. Stamping: Permanently inscribe each key with a visual key control number and include the following

notation:

a. Notation: "DO NOT DUPLICATE."

2. Quantity: In addition to one extra blank key for each lock, provide the following:

a. Cylinder Change Keys: Five.

## 2.4 STRIKES

A. Standards: Comply with the following:

1. Strikes for Mortise Locks and Latches: BHMA A156.13.

2. Strikes for Auxiliary Deadlocks: BHMA A156.5.

B. 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.

## 2.5 OPERATING TRIM

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Hager

2. Ives

3. Rockwood (Basis of Design)

B. Standard: Comply with BHMA A156.6.

# MEMORIAL STADIUM – Toilet Renovations 03/21/11

Chatham County

## DOOR HARDWARE 08710 - 5

C. Materials: Fabricate from stainless steel, unless otherwise indicated.

D. Push-Pull Design: As shown in Hardware Sets.

## 2.6 CLOSERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Surface-Mounted Closers:

a. Corbin Russwin

- b. Yale Security
- c. Sargent (Basis of Design)
- B. Standards: Comply with BHMA A156.4.
- C. Surface Closers: BHMA Grade 1, unless Grade 2 is indicated.
- D. Size of Units: Unless otherwise indicated, comply with manufacturer's written recommendations for size of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Provide factory-sized closers, adjustable to meet field conditions and requirements for opening force.

## 2.7 STOPS AND HOLDERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - 1. Hager Companies.
  - 2. Ives
  - 3. Rockwood
  - 4. McKinney
- B. Standards: Comply with the following:
  - 1. Stops and Bumpers: BHMA A156.16.
  - 2. Mechanical Door Holders: BHMA A156.16.
  - 3. Combination Overhead Holders and Stops: BHMA A156.8.
  - 4. Door Silencers: BHMA A156.16.
- C. Stops and Bumpers: BHMA Grade 1.
- D. Floor Stops: For doors, unless wall or other type stops are scheduled or indicated. Do not mount floor stops where they will impede traffic. Where floor stops are not appropriate, provide wall stops or overhead holders.
- E. Silencers for Metal Door Frames: BHMA Grade 1; neoprene or rubber, minimum diameter 1/2 inch; fabricated for drilled-in application to frame.

## 2.8 MISCELLANEOUS DOOR HARDWARE

- A. Kickplates: Provide other BHMA Grade 1 auxiliary door hardware as required for a complete installation. Subject to compliance with requirements, provide products by one of the following:
  - 1. Hager Companies
  - 2. Ives
  - 3. Rockwood Manufacturing Company
  - 4. McKinney
  - 5. National Guard Products

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

DOOR HARDWARE 08710 - 6

## 2.9 FABRICATION

A. Manufacturer's Nameplate: Do not provide manufacturers' products that have manufacturer's name or trade name displayed in a visible location (omit removable nameplates) except as otherwise approved by Architect.

1. Manufacturer's identification will be permitted on rim of lock cylinders only.

B. Base Metals: Produce door hardware units of base metal, fabricated by forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18 for finishes. Do not furnish manufacturer's standard materials or forming methods if different from specified standard.

C. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to commercially recognized industry standards for application intended. Provide Phillips flat-head screws with finished heads to match surface of door hardware, unless otherwise indicated.

1. Concealed Fasteners: For door hardware units that are exposed when door is closed, except for units already specified with concealed fasteners. Do not use through bolts for installation where bolt head or nut on opposite face is exposed unless it is the only means of securely attaching the door hardware. Where through bolts are used on hollow door and frame construction, provide sleeves for each through bolt.

2. Spacers or Sex Bolts: For through bolting of hollow metal doors.

3. Fasteners for Wood Doors: Comply with requirements of DHI WDHS.2, "Recommended Fasteners for Wood Doors."

## 2.10 FINISHES

A. Standard: Comply with BHMA A156.18.

B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. BHMA Designations: Comply with base material and finish requirements indicated by the following:

1. BHMA 619: Satin nickel plated, clear coated, over brass or bronze base metal.

2. BHMA 626: Satin chromium plated over nickel, over brass or bronze base metal.

3. BHMA 627: Satin aluminum, clear coated, over aluminum base metal.

4. BHMA 628: Satin aluminum, clear anodized, over aluminum base metal.

5. BHMA 630: Satin stainless steel, over stainless-steel base metal.

6. BHMA 652: Satin chromium plated over nickel, over steel base metal.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

A. Examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, wall and floor construction, and other conditions affecting performance.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 PREPARATION

A. Steel Doors and Frames: Comply with DHI A115 Series.

1. Surface-Applied Door Hardware: Drill and tap doors and frames according to ANSI A250.6.

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

#### DOOR HARDWARE 08710 - 7

B. Wood Doors: Comply with DHI A115-W Series.

#### 3.3 INSTALLATION

A. 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. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."

B. Install each door hardware item to comply with manufacturer's 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 09 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.

1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.

2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.

C. Key Control System: Place keys on markers and hooks in key control system cabinet, as determined by final keying schedule. To be performed by Owner.

D. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants."

#### 3.4 FIELD QUALITY CONTROL

A. Independent Architectural Hardware Consultant: Contractor will engage a qualified Architectural Hardware Consultant to perform inspections and to prepare inspection reports.

1. Architectural Hardware Consultant will inspect door hardware and state in each report whether installed work complies with or deviates from requirements, including whether door hardware is properly installed and adjusted.

#### 3.5 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.

1. Door Closers: Adjust sweep period so that, from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the leading edge of the door.

B. Six-Month Adjustment: Approximately six months after date of Substantial Completion, Installer shall perform the following:

1. Examine and readjust each item of door hardware as necessary to ensure function of doors, and door hardware.
2. Consult with and instruct Owner's personnel on recommended maintenance procedures.
3. Replace door hardware items that have deteriorated or failed due to faulty design, materials, or installation of door hardware units.

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

**DOOR HARDWARE 08710 - 8**

**3.6 CLEANING AND PROTECTION**

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items as necessary to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of Substantial Completion.

**3.7 DEMONSTRATION**

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain door hardware and door hardware finishes.

**SCHEDULE 1 - DOOR HARDWARE SCHEDULE**

**A. HEADING A - Exterior Toilet Doors**

- 3 ea Hinges TA2714 4-1/2" x 4-1/2" ; US26D (BHMA 652) McKinney
- 1 ea Closer 1331; EN Finish Sargent
- 1 ea Stops WS03 Wall Stop or FS01 floor stop as req.; US32D McKinney
- 1 ea Kickplate K1050; 12"H x 34"W; US 32D Rockwood
- 1 set Silencers S1M; Gray for metal frames McKinney
- 1 ea Push Plate 73C; 4" x 16"; .125" thick; US32D Rockwood
- 1 ea Pull T112; 12" CTC 1" Pull; US32D Rockwood
- 1 ea Deadbolt 487 Classroom; Thumbblatch retracts only; Outside keyed; US26D McKinney
- 1 ea Cylinder 6300 Series Removable Core for Deadbolt above Sargent

**END OF SECTION 08710**

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

**VINYL WINDOWS 08531 - 1**

**08531 - VINYL WINDOWS**

## PART 1 - GENERAL

### 1.1 SUMMARY

A. This Section includes fixed vinyl-framed windows.

### 1.2 DEFINITIONS

A. Performance class designations according to AAMA/WDMA 101/I.S.2/NAFS: LC: Light Commercial.

B. Performance grade number according to AAMA/WDMA 101/I.S.2/NAFS: Design pressure number in pounds force per square foot used to determine the structural test pressure and water test pressure.

C. Structural Test Pressure: For uniform load structural test, is equivalent to 150 percent of the design pressure.

### 1.3 PERFORMANCE REQUIREMENTS

A. General: Provide vinyl windows capable of complying with performance requirements indicated, based on testing manufacturer's windows that are representative of those specified.

B. Structural Performance: Provide vinyl windows capable of withstanding the effects of the following loads, based on testing units representative of those indicated for Project that pass AAMA/WDMA 101/I.S.2/NAFS, Uniform Load

Structural Test:

1. Design Wind Loads: Determine design wind loads applicable to Project from basic wind speed indicated in miles per hour at 33 feet (10 m) above grade, according to ASCE 7, Section 6.5, "Method 2-Analytical Procedure," based on mean roof heights above grade indicated on Drawings.

a. Basic Wind Speed: 120 mph

b. Importance Factor: II

c. Exposure Category: B

C. Windborne-Debris Resistance: Provide glazed windows capable of resisting impact from windborne debris, based on the pass/fail criteria as determined from testing glazed windows identical to those specified, according to ASTM E 1886 and testing information in ASTM E 1996 and requirements of authorities having jurisdiction.

### 1.4 SUBMITTALS

A. Product Data: Include construction details, material descriptions, fabrication methods, dimensions of individual components and profiles, hardware, finishes, and operating instructions for each type of vinyl window indicated.

B. Shop Drawings: Include plans, elevations, sections, details, hardware, attachments to other work, operational clearances, installation details, and the following:

1. Flashing and drainage details.

2. Weather-stripping details.

3. Glazing details.

4. For installed products indicated to comply with design loads, include structural analysis data prepared by or under the supervision of a qualified professional engineer detailing fabrication and assembly of vinyl



## Chatham County

### VINYL WINDOWS 08531 - 2

windows, and used to determine structural test pressures and design pressures from basic wind speeds indicated.

C. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency for each type, class, grade, and size of vinyl window. Test results based on use of downsized test units will not be accepted.

D. Warranty: Special warranty specified in this Section.

### 1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications: A manufacturer capable of fabricating vinyl windows that meet or exceed performance requirements indicated and of documenting this performance by inclusion in lists and by labels, test reports, and calculations.

B. Glazing Publications: Comply with published recommendations of glass manufacturers and with GANA's "Glazing Manual" unless more stringent requirements are indicated.

### 1.6 PROJECT CONDITIONS

A. Field Measurements: Verify vinyl window openings by field measurements before fabrication and indicate measurements on Shop Drawings.

### 1.7 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace vinyl windows that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

- a. Failure to meet performance requirements.
- b. Structural failures including excessive deflection, water leakage, air infiltration, or condensation.
- c. Deterioration of vinyl, other materials, and finishes beyond normal weathering.
- d. Failure of insulating glass.

2. Warranty Period:

- a. Window: Two years from date of Substantial Completion.
- b. Glazing: Five years from date of Substantial Completion.
- c. Vinyl Finish: Five years from date of Substantial Completion.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Basis of Design: Jeld-Wen: Impact Rated Fixed Vinyl Window
2. Gerkin Windows and Doors
3. Pella Corp.
4. Simonton Windows
5. Milgard Windows and Doors

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

VINYL WINDOWS 08531 - 3

6. Weathershield Mfg., Inc.
7. Superior Windows (Superior Metal Products Co., Inc.)

**2.2 MATERIALS**

A. Vinyl Extrusions: Rigid (unplasticized) hollow PVC extrusions, formulated and extruded for exterior applications, complying with AAMA/WDMA 101/I.S.2/NAFS and the following:

1. PVC Formulation: High impact, low heat buildup, lead free, nonchalking, and color and UV stabilized.
2. Extrusion Wall Thickness: Not less than 0.060 inch.
3. Multichamber Extrusions: Profile designed with two chambers between interior and exterior faces of the extrusions.

B. Vinyl Trim and Glazing Stops: Material and finish to match frame members.

C. Fasteners: Aluminum, nonmagnetic stainless steel, epoxy adhesive, or other materials warranted by manufacturer to be noncorrosive and compatible with vinyl window members, cladding, trim, hardware, anchors, and other components.

1. Exposed Fasteners: Unless unavoidable for applying hardware, do not use exposed fasteners. For application of hardware, use fasteners that match finish of member or hardware being fastened, as appropriate.

D. Anchors, Clips, and Accessories: Aluminum, nonmagnetic stainless steel, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions; provide sufficient strength to withstand design pressure indicated.

E. Reinforcing Members: Aluminum, or nonmagnetic stainless steel, or nickel/chrome-plated steel complying with ASTM B 456 for Type SC 3 severe service conditions, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions; provide sufficient strength to withstand design pressure indicated.

F. Compression-Type Weather Stripping: Provide compressible weather stripping designed for permanently resilient sealing under bumper or wiper action, and for complete concealment when vinyl window is closed.

**2.3 WINDOW**

A. Window Type: Fixed

B. AAMA/WDMA Performance Requirements: Provide vinyl windows of performance indicated that comply with AAMA

1. Performance Class and Grade: LC or C 50

C. Thermal Transmittance: Provide vinyl windows with a whole-window, U-factor maximum when tested according to

AAMA 1503:

1. U-Factor: 0.35 Btu/sq. ft. x h x deg F or less.

D. Solar Heat-Gain Coefficient (SHGC): Provide vinyl windows with a whole-window SHGC maximum of 0.55 or less.

E. Water Resistance: No water leakage as defined in AAMA/WDMA referenced test methods at a water test pressure equaling that indicated, when tested according to AAMA/WDMA 101/I.S.2/NAFS, Water Resistance Test.

1. Test Pressure: 15 percent of positive design pressure.

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

VINYL WINDOWS 08531 - 4

2.4 GLAZING

A. Glazing System: Manufacturer's standard factory-glazing system that produces weathertight seal and complies with requirements for windborne-debris resistance.

2.5 HARDWARE

A. Sill Pan: Rigid PVC or other weather-resistant plastic track with manufacturer's standard integral color designed to comply with performance requirements indicated and to drain to the exterior.

2.6 FABRICATION

A. Fabricate vinyl windows in sizes indicated. Include a complete system for assembling components and anchoring windows.

1. Frame: Mechanically Fastened

2. Corners: Miter-cut and fusion or chemically welded.

B. Glazing Stops: Provide nailed or snap-on glazing stops coordinated with Division 08 Section "Glazing" and glazing system indicated. Provide glazing stops to match sash and ventilator frames.

C. Hardware: Mount hardware through double walls of vinyl extrusions or provide corrosion-resistant steel reinforcement complying with requirements for reinforcing members, or do both.

2.7 VINYL FINISHES

A. Integral Finish and Color: Uniform, solid, homogeneous white interior and exterior.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine openings, substrates, structural support, anchorage, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions

affecting performance of work. Verify rough opening dimensions, levelness of sill plate, and operational clearances. Examine wall flashings, vapor retarders, water and weather barriers, and other built-in components to ensure a coordinated, weathertight window installation.

1. Masonry Surfaces: Visibly dry and free of excess mortar, sand, and other construction debris.
2. Wood Frame Walls: Dry, clean, sound, well nailed, free of voids, and without offsets at joints. Ensure that nail heads are driven flush with surfaces in opening and within 3 inches (76 mm) of opening.
3. Metal Surfaces: Dry; clean; free of grease, oil, dirt, rust, corrosion, and welding slag; without sharp edges or offsets at joints.
4. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 INSTALLATION

A. Comply with Drawings, Shop Drawings, and manufacturer's written instructions for installing windows, hardware, accessories, and other components.

## **MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

### VINYL WINDOWS 08531 - 5

- B. Install windows level, plumb, square, true to line, without distortion or impeding thermal movement, anchored securely in place to structural support, and in proper relation to wall flashing and other adjacent construction.
- C. Set sill members in bed of sealant or with gaskets, as indicated, for weathertight construction.
- D. Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials.

### 3.3 ADJUSTING, CLEANING, AND PROTECTION

- A. Adjust operating sashes and ventilators, screens, hardware, and accessories for a tight fit at contact points and weather stripping for smooth operation and weathertight closure. Lubricate hardware and moving parts.
- B. Clean exposed surfaces immediately after installing windows. Avoid damaging protective coatings and finishes.
- Remove excess sealants, glazing materials, dirt, and other substances.
- C. Clean factory-glazed glass immediately after installing windows. Comply with manufacturer's written recommendations for final cleaning and maintenance. Remove nonpermanent labels, and clean surfaces.
- D. Remove and replace glass that has been broken, chipped, cracked, abraded, or damaged during construction period.
- E. Protect window surfaces from contact with contaminating substances resulting from construction operations. In addition, monitor window surfaces adjacent to and below exterior concrete and masonry surfaces during construction for presence of dirt, scum, alkaline deposits, stains, or other contaminants. If contaminating substances do contact window surfaces, remove contaminants immediately according to manufacturer's written

recommendations.

END OF SECTION 085313

## **MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

EPOXY FLOORING 09660 - 1

### **SECTION 09660 - EPOXY FLOORING**

#### **PART 1 - GENERAL**

##### **1.1 SUMMARY**

A. Section Includes:

1. Thin-set epoxy-resin flooring and integral cove base.

##### **1.2 SUBMITTALS**

A. Product Data: For each type of product indicated.

B. Samples for Initial Selection: Manufacturer's color plates showing the full range of colors and patterns available for each type indicated.

##### **1.3 QUALITY ASSURANCE**

A. Installer Qualifications: Engage an experienced installer or applicator who has specialized in installing resinous flooring types similar to that required for this Project and who is acceptable to manufacturer of primary materials.

B. Single-Source Responsibility: Obtain epoxy mosaic composition flooring materials, including primers, resins, hardening agents, colored aggregates and finish or sealing coats, from a single manufacturer.

C. Qualified Materials: Request for material approvals for any products other than the specified products must be submitted to the architect prior to the bid, including complete application specification, physical characteristics, and chemical resistance data. Any request after this date will not be accepted. Failure of performance requires immediate removal and replacement of unapproved substituted material with those originally specified at no cost to the Owner.

##### **1.4 DELIVERY, STORAGE AND HANDLING**

A. Deliver materials in original packages and containers with seals unbroken and bearing manufacturer's labels containing brand name and directions for storage and mixing with other components.

B. Store materials to comply with manufacturer's directions to prevent deterioration from moisture, heat, cold, direct sunlight, or other detrimental effects.

#### **PART 2 - PRODUCTS**

##### **2.1 MATERIALS**

A. Products: Subject to compliance with requirements, provide one of the following:

1. Basis of Design: Crossfield Products Corp., Dex-O-Tex Division; TerraColor
2. General Polymers Corporation; Ceram Decorative Flooring
3. Arizona Polymer Flooring; Epoxy 300 Flex

## **MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

EPOXY FLOORING 09660 - 2

### **B. Materials:**

1. Epoxy-Resin Matrix: Manufacturer's standard troweled epoxy mosaic composition flooring shall be epoxy matrix with broadcast solid pigment and chemical resistant top finish.

a. Colors: As selected by Architect from manufacturer's standard colors.

#### **b. Physical Properties:**

- 1) Thickness 1/4"
- 2) Compressive Strength (ASTM C579): 8,000 psi.
- 3) Flexural Strength (ASTM C580): 4,000 psi.
- 4) Surface Hardness (ASTM D2240): Durometer "D" 81
- 5) Impact Resistance (Gardner Impact Tester): No chipping, cracking, or delamination and not more than 0.05" indentation

#### **2. Accessories:**

- a. Flexible Reinforcing Membrane: Manufacturer's resinous membrane for substrate crack preparation and reflective crack reduction consisting of a slurry epoxy paste; fiberglass scrim or other system as standard with the Manufacturer for job conditions.
- b. Primer: Manufacturer's product recommended for substrate and use indicated.
- c. Waterproofing Membrane: Type recommended or produced by manufacturer of epoxy mosaic composition flooring system for type of service and floor condition indicated.
- d. Anti-Microbial Additive: Incorporate antimicrobial chemical additive to prevent growth of most bacteria, fungi, algae and actinomycetes.

## **PART 3 - EXECUTION**

### **3.1 INSPECTION**

A. Examine the areas and conditions where the epoxy mosaic composition flooring is to be installed and notify the Architect of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected by the Contractor in a manner acceptable to the Architect.

B. Test for moisture vapor transmission. Notify Architect immediately if moisture vapor transmission exceeds manufacturers recommended levels.

### **3.2 PREPARATION**

A. Substrate: Perform preparation and cleaning procedures according to flooring manufacturer's instructions for particular substrate conditions involved, and as specified. Provide clean, dry, and neutral substrate for flooring application. Demolish existing quarry tile and base in all toilet rooms.

B. Concrete Surfaces: Shot-blast, acid etch or power scarify as required to obtain optimum bond of flooring to concrete. Remove sufficient material to provide a sound surface free of laitance, glaze, efflorescence, and any bond-inhibiting curing compounds or form release agents. Remove grease, oil, and other penetrating contaminants. Repair damaged and deteriorated concrete to acceptable condition. Leave surface free of dust, dirt, laitance, and efflorescence.

### 3.3 APPLICATION

A. General: Apply each component of epoxy mosaic composition flooring system according to manufacturer's directions to produce a uniform monolithic flooring surface of thickness indicated.

B. Bond Coat: Apply bond coat over prepared substrate at manufacturer's recommended spreading rate.

C. Body Coat: Over primer, trowel apply epoxy mortar mix at nominal 1/4-inch thickness; hand or power trowel. Allow to cure before proceeding.

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

### EPOXY FLOORING 09660 - 3

D. Grout Coats: Apply two coats of grout. Sand and inspect the surface for consistency.

E. Finish or Sealing Coats: After grout coats have cured sufficiently, apply finish coats of type recommended by flooring manufacturer to produce finish matching approved sample and in number of coats and spreading rates recommended by manufacturer.

1. Final finish coat shall be in color and skid retardant profile as approved by the Architect.

2. Finished floor shall be 1/4" thick, uniform in color and free of trowel marks.

F. Cove Base: Apply cove base mix to wall surfaces at locations shown to form cove base height of 4 inches unless otherwise indicated. Follow manufacturer's instructions and details including taping, mixing, priming, troweling, sanding, and top-coating of cove base.

### 3.4 CURING, PROTECTION AND CLEANING

A. Cure epoxy mosaic composition flooring materials according to manufacturer's directions, taking care to prevent contamination during application stages and before completing curing process. Close application area for a minimum of 24 hours.

B. Clean with manufacturer recommended cleaner.

END OF SECTION 09660

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

### HIGH-PERFORMANCE COATINGS 09960 - 1 **09960 - HIGH-PERFORMANCE COATINGS**

#### PART 1 - GENERAL

## 1.1 SUMMARY

A. This Section includes surface preparation and application of high-performance coating systems on the following substrates:

1. Exterior Substrates:
  - a. Concrete masonry units (CMU).
2. Interior Substrates:
  - a. Concrete masonry units (CMU).
  - b. Steel.
  - c. Cementitious Fiberboard

## 1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Samples for Verification: For each type of coating system and in each color and gloss of finish coat indicated.
1. Submit Samples on rigid backing, 8 inches square.
  2. Step coats on Samples to show each coat required for system.
  3. Label each coat of each Sample.

## 1.3 QUALITY ASSURANCE

- A. Master Painters Institute (MPI) Standards:
1. Products: Complying with MPI standards indicated and listed in "MPI Approved Products List."
  2. Preparation and Workmanship: Comply with requirements in "MPI Architectural Painting Specification Manual" for products and coating systems indicated.
- B. Mockups: Apply benchmark samples of each coating system indicated to verify preliminary selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
1. Architect will select one surface to represent surfaces and conditions for application of each type of coating and substrate.
  2. Final approval of color selections will be based on benchmark samples.

## 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F (7 deg C).

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

HIGH-PERFORMANCE COATINGS 09960 - 2

## 1.5 PROJECT CONDITIONS



A. Apply coatings only when temperature of surfaces to be coated and surrounding air temperatures are between 50 and 95 deg F (10 and 35 deg C). Do not apply coatings in snow, rain, fog, or mist; when relative humidity exceeds 85 percent; or to damp or wet surfaces.

## PART 2 - PRODUCTS

### 2.1 HIGH-PERFORMANCE COATINGS, GENERAL

#### A. Material Compatibility:

1. Provide materials for use within each coating system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.

2. Provide products of same manufacturer for each coat in a coating system.

B. Colors: As selected by Architect from manufacturer's full range.

### 2.2 BLOCK FILLERS

#### A. Epoxy Block Filler: MPI #116.

1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:

2. Products: Subject to compliance with requirements, provide one of the following:

a. Coronado Paint; Polyamide Epoxy Block Filler, 101-11.

b. ICI Paints; Devco Coatings, Devran 224HS

c. PPG Architectural Finishes, Inc.; Aquapon, Epoxy Block Filler, 97-685.

d. Sherwin-Williams Company (The); Industrial & Marine, Kem Cati-Coat HS Epoxy Filler/Sealer, B24W400/V400 S.

### 2.3 CEMENTITIOUS BOARD PRIMER

#### A. Interior Latex-Based Wood Primer: MPI #39.

1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:

a. Benjamin Moore & Co.; Fresh Start, Interior/Exterior Primer, 23.

b. Coronado Paint; Grip & Seal Stain Killing Primer, 116-11.

c. ICI Paints; Prep-N-Prime, Gripper Stain Killer Primer, 3210

d. PPG Architectural Finishes, Inc.; Seal Grip, Plastic Primer (Waterborne), 17-21.

e. Sherwin-Williams Company (The); PrepRite, ProBlock Int/Ext Latex Primer/Sealer, B51W20.

### 2.4 STEEL PRIMERS

#### A. Alkyd Anticorrosive Metal Primer: MPI #79.

1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

HIGH-PERFORMANCE COATINGS 09960 - 3

- a. Benjamin Moore & Co.; [Industrial, Alkyd Metal Primer, M06] [IronClad, Alkyd Low Lustre Metal & Wood Enamel, C163].
  - b. Coronado Paint; Rust Scat, Alkyd Metal Primer, 35-111.
  - c. ICI Paints; Devoe Coatings, Devguard T & S Primer, 4160.
  - d. Kelly-Moore Paints; Kel-Guard, Alkyd Rust Inhibitive Primer, 1710-120.
  - e. Sherwin-Williams Company (The); Industrial & Marine, Kem Kromic Universal Metal Primer, B50WZ1.
  - f. Spectra-Tone; Insl-x, Check Rust Universal Primer, MP-9015.
- 2.5 STEEL and CEMENTITIOUS BOARD TOPCOAT:
- A. High-Performance Architectural Latex, Semigloss Finish: MPI #141, Gloss Level 5.
  - 1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:
    - a. Benjamin Moore & Co.; DTM Acrylic Semi-Gloss, M29-08.
    - b. ICI Dulux Paints; Ralph Lauren, Int. Semi-Gloss Premium, RL 1391.
    - c. Porter Paints; Int. Enamel Acrylic Latex, 37726.
    - d. PPG Architectural Finishes, Inc.; Speedhide, Int. Semi-Gloss Latex, 6-500.
    - e. Sherwin-Williams Company (The); Con-Lux, Satin-Plex, CL1001

## 2.6 CMU TOPCOAT

- A. Epoxy, Cold-Cured, Gloss: MPI #77.
- 1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:
  - a. Benjamin Moore & Co.; Polyamide Epoxy Coating, M36/M37.
  - b. Coronado Paint; Polyamide Epoxy Coating, 101 Line.
  - c. ICI Devoe, Devran 724, 724-KXXXXX
  - d. Miller Paint; PPG Aquapon, Epoxy Cold Cured - Gloss, 95-1.
  - e. Porter Paints; Porterglaze 4000, Gloss Epoxy, 4000.
  - f. PPG Architectural Finishes, Inc.; Aquapon, Epoxy Cold Cured Gloss, 95-1.
  - g. Sico, Inc.; Rust-Oleum, H.P. Epoxy, 9100/9101.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of work.
- 1. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
  - a. Masonry (CMU): 12 percent.
- 2. Verify compatibility with and suitability of substrates, including compatibility with existing finishes or primers.
- 3. Begin coating application only after unsatisfactory conditions have been corrected and surfaces are dry.
- 4. Coating application indicates acceptance of surfaces and conditions.

## Chatham County

### HIGH-PERFORMANCE COATINGS 09960 - 4

#### 3.2 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates indicated.
- B. Remove plates, machined surfaces, and similar items already in place that are not to be coated.
- C. Clean substrates of substances that could impair bond of coatings, including dirt, oil, grease, and incompatible paints and encapsulants.
- D. CMU Substrates: Remove efflorescence and chalk. Do not coat surfaces if moisture content or alkalinity of surfaces to be coated exceeds that permitted in manufacturer's written instructions.
- E. Steel Substrates: Remove rust and loose mill scale. Clean using methods recommended in writing by coating manufacturer.

#### 3.3 APPLICATION

- A. Apply high-performance coatings according to manufacturer's written instructions.
  - 1. Use applicators and techniques suited for coating and substrate indicated.
  - 2. Coat surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, coat surfaces behind permanently fixed equipment or furniture with prime coat only.
  - 3. Coat back sides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
- B. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of the same material are to be applied. Tint undercoats to match color of finish coat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.
- C. If undercoats or other conditions show through final coat, apply additional coats until cured film has a uniform coating finish, color, and appearance.
- D. Apply coatings to produce surface films without cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections. Produce sharp glass lines and color breaks.

#### 3.4 FIELD QUALITY CONTROL

- A. Owner reserves the right to invoke the following procedure at any time and as often as Owner deems necessary during the period when coatings are being applied:
  - 1. Owner will engage the services of a qualified testing agency to sample coating material being used.

Samples of material delivered to Project site will be taken, identified, sealed, and certified in presence of Contractor.
  - 2. Testing agency will perform tests for compliance with specified requirements.
  - 3. Owner may direct Contractor to stop applying coatings if test results show materials being used do not comply with specified requirements. Contractor shall remove noncomplying coating materials from Project site, pay for testing, and recoat surfaces coated with rejected materials. Contractor will be required to

remove rejected materials from previously coated surfaces if, on recoating with complying materials, the two coatings are incompatible.

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

**HIGH-PERFORMANCE COATINGS 09960 - 5**

**3.5 CLEANING AND PROTECTION**

- A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B. After completing coating application, clean spattered surfaces. Remove spattered coatings by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
- C. Protect work of other trades against damage from coating operation. Correct damage by cleaning, repairing, replacing, and recoating, as approved by Architect, and leave in an undamaged condition.
- D. At completion of construction activities of other trades, touch up and restore damaged or defaced coated surfaces.

**3.6 PAINT SCHEDULE**

A. Interior and Exterior CMU Substrates : Paint all existing interior CMU walls. Paint portions of exterior CMU walls where walls are patched, extended or otherwise modified, paint entire wall. Where no portion of an existing exterior walls is modified, no paint is required.

1. Epoxy Coating System:

- a. Block Filler: Epoxy block filler, MPI #116.
- b. Intermediate Coat: Epoxy, cold-cured, gloss, MPI #77.
- c. Topcoat: Epoxy, cold-cured, gloss, MPI #77.

B. Interior Steel Substrates: Paint all existing interior ceilings including bar joists.

1. High-Performance Architectural Latex Coating System:

- a. Prime Coat: Alkyd anticorrosive metal primer, MPI #79
- b. Intermediate Coat: High-performance architectural latex matching topcoat.
- c. Topcoat: High-performance architectural latex, semigloss finish, MPI #141, Gloss Level 5.

C. Cementitious Board Substrates: Paint all interior cementitious board panels.

1. Latex System: MPI INT 6.4R.

- a. Prime Coat: Interior latex-based wood primer.
- b. Intermediate Coat: High-performance architectural latex matching topcoat.
- c. Topcoat: High-performance architectural latex, semigloss finish, MPI #141, Gloss Level 5.

END OF SECTION 09960

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

**SIGNAGE 10140 - 1**

**SECTION 10140 - SIGNAGE**

## PART 1 - GENERAL

### 1.1 SUMMARY

A. This Section includes the following:

1. Panel signs with exposed fasteners

### 1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: Show fabrication and installation details for signs. Show sign mounting heights, copy, colors, typestyles, graphic elements, including tactile characters and Braille, and layout for each sign.

C. Warranty: Special warranty specified in this Section.

### 1.3 QUALITY ASSURANCE

A. Source Limitations for Signs: Obtain each sign type indicated from one source from a single manufacturer.

B. Regulatory Requirements: Comply with applicable provisions in ADA-ABA Accessibility Guidelines.

### 1.4 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of signs that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Deterioration of polymer finishes beyond normal weathering.

2. Warranty Period: Five years from date of Substantial Completion.

## PART 2 - PRODUCTS

2.1 MATERIALS: Acrylic Sheet: ASTM D 4802, Category A-1 (cell-cast sheet), Type UVA (UV absorbing).

### 2.2 PANEL SIGNS

A. Basis-of-Design Product: Subject to compliance with requirements, provide the product indicated or a comparable product by one of the following:

1. Basis of Design: Mohawk Signs – 200a Series Exterior Acrylic Sign
2. APCO Graphics, Inc.
3. ASI, Inc.

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

SIGNAGE 10140 - 2

4. Best Sign Systems Inc.

5. Mohawk Sign Systems.

6. Nelson-Harkins Industries.

7. Signature Signs, Incorporated.

B. Exterior Signs: Solid acrylic panels:

1. Surface Finish: Mat UV resistant, outdoor.
2. Edge Condition: Square cut.
3. Corner Condition: Square.
4. Thickness: 1/4 inch.

C. Tactile and Braille Sign: Manufacturer's standard process for producing text and symbols complying with ADA-ABA

Accessibility Guidelines and with ICC/ANSI A117.1. Text shall be accompanied by Grade 2 Braille. Produce precisely formed characters with square-cut edges free from burrs and cut marks; Braille dots with domed or rounded shape, not less than 1/32 inch.

D. Colored Coatings for Acrylic Sheet: For copy and background colors, provide colored coatings, including inks, dyes, and paints, that are recommended by acrylic manufacturers for optimum adherence to acrylic surface and are UV and water resistant for five years for application intended.

### 2.3 ACRYLIC SHEET FINISHES

A. Colored Coatings for Acrylic Sheet: For copy and background colors, provide colored coatings, including inks, dyes, and paints, that are recommended by acrylic manufacturers for optimum adherence to acrylic surface and that are UV and water resistant for five years for application intended.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

A. Locate signs and accessories where indicated, using mounting methods of types described and complying with manufacturer's written instructions.

1. Install signs level, plumb, and at heights indicated, with sign surfaces free of distortion and other defects in appearance.

B. Wall-Mounted Signs: Comply with sign manufacturer's written instructions except where more stringent requirements apply.

1. Mechanical Fasteners: Use nonremovable mechanical fasteners placed through predrilled holes. Attach signs with fasteners and anchors suitable for secure attachment to substrate as recommended in writing by sign manufacturer.

### 3.2 CLEANING AND PROTECTION

A. After installation, clean soiled sign surfaces according to manufacturer's written instructions. Protect signs from damage until acceptance by Owner.

## **MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

SIGNAGE 10140 - 3

### SCHEDULE 1 - SIGN SCHEDULE

A. Sign Type A:

1. Sign Size: 8" x 8"

2. Location: Wall adjacent to each door
3. Copy Material: Acrylic fused to background
4. Copy Color and Finish: #225 White, Mat finish with UV inhibiting formulation
5. Background Color and Finish: #117 Dark Blue, Mat finish with UV inhibiting formulation
6. Copy Size: 1"
7. Copy Font: Gill Sans or other sans-serif font as standard with the Manufacturer
8. Copy:
  - a. Men's Toilets (4): Match Mohawk Signs Pictograph MS-1
  - b. Women's Toilets (4): Match Mohawk Signs Pictograph MS-2
- B. Sign Type B:
  1. Sign Size: 8" x 12"
  2. Location: Wing wall at each toilet
  3. Copy Material: Acrylic fused to background
  4. Copy Color and Finish: #225 White, Mat finish with UV inhibiting formulation
  5. Background Color and Finish: #117 Dark Blue, Mat finish with UV inhibiting formulation
  6. Copy Size: 1"
  7. Copy Font: Gill Sans or other sans-serif font as standard with the Manufacturer
  8. Copy:
    - a. Men's Toilets (4): Match Mohawk Signs Pictograph MS-1 with directional arrow
    - b. Women's Toilets (4): Match Mohawk Signs Pictograph MS-2 with directional arrow

END OF SECTION 10140

## **MEMORIAL STADIUM – Toilet Renovations 03/21/11**

Chatham County

TOILET COMPARTMENTS 10200 - 1

### **10200 - TOILET COMPARTMENTS**

#### **PART 1 - GENERAL**

##### **1.1 SUMMARY**

A. This Section includes solid color reinforced composite (SCRC) units as follows:

1. Toilet Enclosures: Overhead braced

##### **1.2 SUBMITTALS**

A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.

B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.

##### **1.3 QUALITY ASSURANCE**

A. Comply with requirements in CID-A-A-60003, "Partitions, Toilets, Complete."

##### **1.4 PROJECT CONDITIONS**

A. Field Measurements: Verify actual locations of walls, columns, ceilings, and other construction contiguous with toilet compartments by field measurements before fabrication and indicate measurements on Shop Drawings.

## **PART 2 - PRODUCTS**

### **2.1 SOLID-COLOR REINFORCED COMPOSITE (SCRC) UNITS**

A. Manufacturers: Subject to compliance with requirements, provide the following:

1. Bobrick – 1090 Sierra Series

B. Door, Panel, and Pilaster Construction: Solid, high-density panel material, not less than 1/2 inch thick, seamless, with eased edges, and with homogenous color and pattern throughout thickness of material.

C. Color: SC02 “Desert Beige”

D. Hardware: Provide manufacturer’s standard design stainless steel pilaster shoes and caps, pivot hinges, brackets, latches, coat hook, and other hardware.

E. Overhead Bracing: Fabricated from stainless steel or extruded aluminum as standard with the manufacturer.

F. Anchorages and Fasteners: Manufacturer's standard exposed fasteners of stainless steel or chrome-plated steel or brass, finished to match hardware, with theft-resistant-type heads. Provide sex-type bolts for through-bolt applications. For concealed anchors, use hot-dip galvanized or other rust-resistant, protective-coated steel.

## **MEMORIAL STADIUM – Toilet Renovations 03/21/11** Chatham County

### **TOILET COMPARTMENTS 10200 - 2**

#### **2.2 FABRICATION**

A. Overhead-Braced Units: Provide manufacturer's standard corrosion-resistant supports, leveling mechanism, fasteners, and anchors at pilasters to suit floor conditions. Make provisions for setting and securing continuous head rail at top of each pilaster. Provide shoes at pilasters to conceal supports and leveling mechanism.

B. Doors: Unless otherwise indicated, provide 24-inch- (610-mm-) wide in-swinging doors for standard toilet compartments and 36-inch- (914-mm-) wide out-swinging doors with a minimum 32-inch- (813-mm-) wide clear opening for compartments indicated to be accessible to people with disabilities.

1. Hinges: Manufacturer's standard self-closing type that can be adjusted to hold doors open at any angle up to 90 degrees.

2. Latch and Keeper: Manufacturer's standard latch unit designed for emergency access and with combination rubber-faced door strike and keeper.

3. Coat Hook: Manufacturer's standard coat hook in each stall.

4. Door Bumper: Manufacturer's standard rubber-tipped bumper at out-swinging doors.

5. Door Pull: Manufacturer's standard unit at out-swinging doors that complies with accessibility requirements of authorities having jurisdiction.

## **PART 3 - EXECUTION**



### 3.1 INSTALLATION

A. General: Comply with manufacturer's written installation instructions. Install units rigid, straight, level, and plumb.

Secure units in position with manufacturer's recommended anchoring devices.

1. Maximum Clearances:

a. Pilasters and Panels: 1/2 inch.

b. Panels and Walls: 1 inch.

2. Brackets: Secure panels to walls and to pilasters with not less than two brackets attached near top and bottom of panel.

a. Locate wall brackets so holes for wall anchors occur in masonry or tile joints. Provide neoprene spacers as required.

b. Align brackets at pilasters with brackets at walls.

B. Overhead-Braced Units: Secure pilasters to floor and level, plumb, and tighten. Secure continuous head rail to each pilaster with not less than two fasteners. Hang doors to align tops of doors with tops of panels and adjust so tops of doors are parallel with overhead brace when doors are in closed position.

### 3.2 ADJUSTING

A. Hardware Adjustment: Adjust and lubricate hardware according to manufacturer's written instructions for proper operation. Set hinges on in-swinging doors to hold doors open approximately 30 degrees from closed position when unlatched. Set hinges on out-swinging doors to return doors to fully closed position.

## END OF SECTION 10200

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

TOILET ACCESSORIES 10280 - 1

## SECTION 10280 - TOILET ACCESSORIES

### PART 1 - GENERAL

#### 1.1 SUMMARY

A. This Section includes the following:

1. Public-use washroom accessories.

2. Underlavatory guards.

#### 1.2 SUBMITTALS

A. Product Data: For each type of product indicated. Include the following:

1. Construction details and dimensions.

2. Anchoring and mounting requirements, including requirements for cutouts in other work and substrate preparation.

3. Material and finish descriptions.

4. Features that will be included for Project.

5. Manufacturer's warranty.

B. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required.

1. Identify locations using room designations indicated on Drawings.
2. Identify products using designations indicated on Drawings.

### 1.3 COORDINATION

A. Coordinate accessory locations with other work to prevent interference with clearances required for access by people with disabilities, and for proper installation, adjustment, operation, cleaning, and servicing of accessories.

## PART 2 - PRODUCTS

### 2.1 MATERIALS

- A. Stainless Steel: ASTM A 666, Type 304, 0.0312-inch minimum nominal thickness, unless otherwise indicated.
- B. Brass: ASTM B 19 flat products; ASTM B 16 rods, shapes, forgings, and flat products with finished edges; or ASTM B 30, castings.
- C. Steel Sheet: ASTM A 1008/A 1008M, Designation CS (cold rolled, commercial steel), 0.0359-inch minimum nominal thickness.
- D. Galvanized Steel Sheet: ASTM A 653/A 653M, with G60 hot-dip zinc coating.
- E. Galvanized Steel Mounting Devices: ASTM A 153/A 153M, hot-dip galvanized after fabrication.

## **MEMORIAL STADIUM – Toilet Renovations 03/21/11** Chatham County

### TOILET ACCESSORIES 10280 - 2

- F. Fasteners: Screws, bolts, and other devices of same material as accessory unit and tamper-and-theft resistant where exposed, and of galvanized steel where concealed.
- G. Chrome Plating: ASTM B 456, Service Condition Number SC 2 (moderate service).
- H. ABS Plastic: Acrylonitrile-butadiene-styrene resin formulation.

### 2.2 PUBLIC-USE WASHROOM ACCESSORIES

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
- B. Basis-of-Design Product: The design for accessories is based on products indicated. Subject to compliance with requirements, provide the named product or a comparable product by one of the following:
  1. American Specialties, Inc.
  2. Bobrick Washroom Equipment, Inc.
  3. Bradley Corporation.
- C. Toilet Tissue (Jumbo-Roll) Dispenser: Owner Furnished / Contractor Installed
  1. Description: Two-roll unit.
  2. Mounting: Surface mounted.
  3. Capacity: 9- or 10-inch diameter rolls.
  4. Material and Finish: ABS plastic, gray

5. Lockset: Tumbler type.
6. Refill Indicator: Pierced slots at front.
- D. Paper Towel (Roll) Dispenser: Owner Furnished / Contractor Installed
  1. Description: Lever-actuated mechanism permits controlled delivery of paper rolls in preset lengths per stroke.
  2. Mounting: Surface mounted.
  3. Minimum Capacity: 8-inch wide, 800-foot long roll.
  4. Material and Finish: ABS plastic, gray.
  5. Lockset: Tumbler type.
- E. Liquid-Soap Dispenser: Owner Furnished / Contractor Installed
  1. Description: Designed for dispensing soap in lather form.
  2. Mounting: Surface mounted on wall adjacent to each lavatory.
  3. Materials: ABS plastic, gray.
  4. Lockset: Tumbler type.
  5. Refill Indicator: Window type.
- F. Grab Bar:
  1. Mounting: Flanges with exposed fasteners.
  2. Material: Stainless steel, 0.05 inch thick.
  3. Finish: Smooth, No. 4, satin finish on ends and slip-resistant texture in grip area.
  4. Outside Diameter: 1-1/4 inches.
  5. Configuration and Length: As indicated on Drawings.
- G. Mirror Unit:
  1. Frame: Frameless
  2. Mirror: Stainless-steel angle, 22 gauge.
  3. Backing: Manufacturer's standard masonite or other solid panel material
  4. Hangers: Produce rigid, tamper- and theft-resistant installation.
  5. Size: 24" x 36"

**MEMORIAL STADIUM – Toilet Renovations 03/21/11**  
Chatham County

TOILET ACCESSORIES 10280 - 3

2.3 UNDERLAVATORY GUARDS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
- B. Basis-of-Design Product: The design for accessories is based on products indicated. Subject to compliance with requirements, provide the named product or a comparable product by one of the following:
  1. Plumberex Specialty Products, Inc.
  2. TCI Products.
  3. Truebro, Inc.
- C. Underlavatory Guard:
  1. Basis-of-Design Product: Truebro

2. Description: Insulating pipe covering for supply and drain piping assemblies, that prevent direct contact with and burns from piping, and allow service access without removing coverings.
3. Material and Finish: Antimicrobial, molded-plastic, white.

## 2.4 FABRICATION

- A. General: Fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with full-length, continuous hinges. Equip units for concealed anchorage and with corrosion-resistant backing plates.
- B. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Owner's representative.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
- B. Grab Bars: Install to withstand a downward load of at least 250 lbf, when tested according to method in ASTM F 446.

### 3.2 ADJUSTING AND CLEANING

- A. Adjust accessories for unencumbered, smooth operation. Replace damaged or defective items.
  - B. Remove temporary labels and protective coatings.
  - C. Clean and polish exposed surfaces according to manufacturer's written recommendations.
- END OF SECTION 10280

## ATTACHMENT A

### DRUG - FREE WORKPLACE CERTIFICATION

THE UNDERSIGNED CERTIFIES THAT THE PROVISIONS OF CODE SECTIONS 50-24-1 THROUGH 50-24-6 OF THE OFFICIAL CODE TO GEORGIA ANNOTATED, RELATED TO THE **\*\*DRUG-FREE WORKPLACE\*\***, HAVE BEEN COMPLIED WITH IN FULL. THE UNDERSIGNED FURTHER CERTIFIES THAT:

1. A Drug-Free Workplace will be provided for the employees during the performance of the contract; and
2. Each sub-contractor under the direction of the Contractor shall secure the following written certification:

\_\_\_\_\_ (CONTRACTOR) certifies to Chatham County that a Drug-Free Workplace will be provided for the employees during the performance of this contract known as **RENOVATION OF EIGHT (8) RESTROOMS AT MEMORIAL STADIUM** (PROJECT) pursuant to paragraph (7) of subsection (B) of Code Section 50-24-3. Also, the undersigned further certifies that he/she will not engage in the unlawful manufacture, sale, distribution, possession, or use of a controlled substance or marijuana during the performance of the contract.

\_\_\_\_\_  
CONTRACTOR

\_\_\_\_\_  
DATE

\_\_\_\_\_  
NOTARY

\_\_\_\_\_  
DATE

## ATTACHMENT B

### PROMISE OF NON-DISCRIMINATION STATEMENT

Know All Men By These Presence, that I (We), \_\_\_\_\_  
Name

\_\_\_\_\_, \_\_\_\_\_  
Title Name of Bidder

(herein after Company) in consideration of the privilege to bid/or propose on the following Chatham County project procurement **RENOVATION OF EIGHT (8) RESTROOMS AT MEMORIAL STADIUM** hereby consent, covenant and agree as follows:

- (1) No person shall be excluded from participation in, denied the benefit of or otherwise discriminated against on the basis of race, color, national origin or gender in connection with the bid submitted to Chatham County or the performance of the contract resulting therefrom;
- (2) That it is and shall be the policy of this Company to provide equal opportunity to all business persons seeking to contract or otherwise interested with the Company, including those companies owned and controlled by racial minorities, and women;
- (3) In connection herewith, I (We) acknowledge and warrant that this Company has been made aware of, understands and agrees to take affirmative action to provide minority and women owned companies with the maximum practicable opportunities to do business with this Company on this contract;
- (4) That the promises of non-discrimination as made and set forth herein shall be continuing throughout the duration of this contract with Chatham County;
- (5) That the promises of non-discrimination as made and set forth herein shall be and are hereby deemed to be made a part of and incorporated by reference in the contract which this Company may be awarded;
- (6) That the failure of this Company to satisfactorily discharge any of the promises of non-discrimination as made and set forth above may constitute a material breach of contract entitling the County to declare the contract in default and to exercise appropriate remedies including but not limited to termination of the contract.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## ATTACHMENT C

### DISCLOSURE OF RESPONSIBILITY STATEMENT

Failure to complete and return this information will result in your bid/offer/proposal being disqualified from further competition as non-responsive.

1. List any convictions of any person, subsidiary, or affiliate of the company, arising out of obtaining, or attempting to obtain a public or private contract or subcontract, or in the performance of such contract or subcontract.  

---
2. List any indictments or convictions of any person, subsidiary, or affiliate of this company for offenses such as embezzlement, theft, fraudulent schemes, etc. or any other offenses indicating a lack of business integrity or business honesty which affects the responsibility of the contractor.  

---
3. List any convictions or civil judgments under states or federal antitrust statutes.  

---
4. List any violations of contract provisions such as knowingly (without good cause) to perform, or unsatisfactory performance, in accordance with the specifications of a contract.  

---
5. List any prior suspensions or debarments by any governmental agency.  

---
6. List any contracts not completed on time.  

---
7. List any penalties imposed for time delays and/or quality of materials and workmanship.  

---
8. List any documented violations of federal or any state labor laws, regulations, or standards, occupational safety and health rules.  

---

I, \_\_\_\_\_, as \_\_\_\_\_  
Name of individual Title & Authority

of \_\_\_\_\_, declare under oath that

Company Name \_\_\_\_\_

the above statements, including any supplemental responses attached hereto, are true.

\_\_\_\_\_  
Signature

State of \_\_\_\_\_

County of \_\_\_\_\_

Subscribed and sworn to before me on this \_\_\_\_\_ day of \_\_\_\_\_

20\_\_ by \_\_\_\_\_ representing him/herself to be

\_\_\_\_\_ of the company named herein.

\_\_\_\_\_  
Notary Public

My Commission expires:

\_\_\_\_\_

Resident State: \_\_\_\_\_

DPC Form #45



## ATTACHMENT D

### IMMIGRATION AND SECURITY FORM

SB529 (The Georgia Security and Immigration and Compliance Act) requires contractors to file an affidavit that the contractor and its subcontractors have registered and participate in a federal work authorization program intended to insure that only lawful citizens or lawful immigrants are employed by the contractor or subcontractor. This requirement of SB529 is a phased-in affidavit filing requirement based on the size of the contractor. Contractors with 500 or more employees are required to file an affidavit of compliance beginning 7/1/07. However, because the requirement is set forth in OCGA 13-10-91 which is a part of Chapter 10 of Title 13 governing public works contracts, the affidavit filing requirements of SB529 therefore only apply to public works contracts.

A. In order to insure compliance with the Immigration Reform and Control Act of 1986 (IRCA), D.L. 99-603 and the Georgia Security and Immigration Compliance Act OCGA 13-10-90 et seq., Contractor must initial one of the sections below:

\_\_\_\_\_ Contractor has 500 or more employees and Contractor warrants that Contractor has complied with the Immigration Reform and Control Act of 1986 (IRCA), D.L. 99-603 and the Georgia Security and Immigration Compliance Act by registering at <https://www.vis-dhs.com/EmployerRegistration> and verifying information of all new employees; and by executing any affidavits required by the rules and regulations issued by the Georgia Department of Labor set forth at Rule 300-10-1-.01 et seq.

\_\_\_\_\_ Contractor has 100-499 employees and Contractor warrants that no later than July 1, , Contractor will register at <https://www.vis-dhs.com/EmployerRegistration> to verify information of all new employees in order to comply with the Immigration Reform and Control Act of 1986 (IRCA), D.L. 99-603 and the Georgia Security and Immigration Compliance Act; and by executing any affidavits required by the rules and regulations issued by the Georgia Department of Labor set forth at Rule 300-10-1-.01 et seq.

\_\_\_\_\_ Contractor has 99 or fewer employees and Contractor warrants that no later than July 1, 2009, Contractor will register at [RLINK"https://www.vis-ddhs.com/EmployerRegistration"](https://www.vis-ddhs.com/EmployerRegistration) to verify information of all new employees in order to comply with the Immigration Reform and Control Act of 1986 (IRCA), D.L. 99-603 and the Georgia Security and Immigration Compliance Act; and by executing any affidavits required by the rules and regulations issued by the Georgia Department of Labor set forth at Rule 300-10-1-.01 et seq.

B. Contractor warrants that Contractor has included a similar provision in all written agreements with any subcontractors engaged to perform services under this Contract.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

Firm Name: \_\_\_\_\_

Street/Mailing Address: \_\_\_\_\_

City, State, Zip Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**ATTACHMENT E**  
**CONTRACTOR AFFIDAVIT AND AGREEMENT**

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A.13-10-91, stating affirmatively that the individual, firm, or corporation which is contracting with (name of public employer) has registered with and is participating in a federal work authorization program\* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603], in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to this contract with (name of public employer), contractor will secure from such subcontractor(s) similar verification of compliance with O.C.G.A. 13-10-91 on the Subcontractor Affidavit provided in Rule 300-10-01-08 or a substantially similar form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the (name of the public employer) at the time the subcontractor(s) is retained to perform such service.

\_\_\_\_\_  
EEV / Basic Pilot Program\* User Identification Number

\_\_\_\_\_  
BY: Authorized Officer or Agent  
(Contractor Name)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title of Authorized Officer or Agent of Contractor

\_\_\_\_\_  
Printed Name of Authorized Officer or Agent

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE

\_\_\_\_ DAY OF \_\_\_\_\_, 200\_\_\_\_

\_\_\_\_\_  
Notary Public

My Commission Expires:

\_\_\_\_\_  
\* As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the "EEV / Basic Pilot Program" operated by the U. S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA).

## SUBCONTRACTOR AFFIDAVIT

By executing this affidavit, the undersigned subcontractor verifies its compliance with O.C.G.A. 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services under a contract with (name of contractor) on behalf of (name of public employer) has registered with and is participating in a federal work authorization program\* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603], in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

\_\_\_\_\_  
EEV / Basic Pilot Program\* User Identification Number

\_\_\_\_\_  
BY: Authorized Officer or Agent  
(Subcontractor Name)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title of Authorized Officer or Agent of Subcontractor

\_\_\_\_\_  
Printed Name of Authorized Officer or Agent

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE

\_\_\_\_ DAY OF \_\_\_\_\_, 200\_\_\_\_

\_\_\_\_\_  
Notary Public

My Commission Expires:

\_\_\_\_\_  
\* As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the "EEV / Basic Pilot Program" operated by the U. S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA).

**ATTACHMENT F**

**CHATHAM COUNTY, GEORGIA**

**BIDDER'S CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY  
AND VOLUNTARY EXCLUSION**

The undersigned certifies, by submission of this proposal or acceptance of this contract, that neither Contractor nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from participation in this transaction by any Federal department or agency, State of Georgia, City of Savannah, Board of Education or local municipality. Bidder agrees that by submitting this proposal that Bidder will include this clause without modification in all lower tier transactions, solicitations, proposals, contracts and subcontracts. Where the Bidder or any lower tier participant is unable to certify to this statement, that participant shall attach an explanation to this document.

Bidder must verify Sub-Tier Contractors and Suppliers are not debarred, suspended, ineligible, pending County litigation or pending actions from any of the above government entities.

Certification - the above information is true and complete to the best of my knowledge and belief.

---

(Printed or typed Name of Signatory)

---

(Signature)

---

(Date)

**NOTE:** The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001

---

**END OF DOCUMENT Mod. CC P & C 6/2005**

**ATTACHMENT G**

**Chatham County  
Minority and Women Business Enterprise Program  
M/WBE Compliance Report**

Name of Bidder:\_\_\_\_\_

Name of Project:\_\_\_\_\_

Bid No:\_\_\_\_\_

M/WBE Firm	Type of Work	Contact Person/ Phone #	City, State	%	MBE or WBE

MBE Total\_\_\_\_\_%

WBE Total\_\_\_\_\_%

M/WBE Combined\_\_\_\_\_%

The undersigned should enter into a formal agreement with M/WBE Contractor identified herein for work listed in this schedule conditioned upon execution of contract with the Chatham County Board of Commissioners.

Signature\_\_\_\_\_ Print\_\_\_\_\_

Phone (     ) \_\_\_\_\_ Fax (     ) \_\_\_\_\_

## CHATHAM COUNTY PURCHASING DIVISION

### NO-BID STATEMENT

In an effort to make the procurement of construction, goods and services for Chatham County as competitive as possible, we are soliciting information from contractors and or vendors who cannot bid. Your "responsiveness" and "constructive" comments will be appreciated.

Completion of this form will assist us in evaluating factors which relate to the competitiveness of our bids. Please check any of the boxes below which may apply. Please explain any issues you feel needs addressing.

- ☐ Specifications - Restrictive, too "tight", unclear, specialty item, geared toward one (1) brand or manufacturer only. (Explain below)
- ☐ Manufacturing - Unique item, production time for model or item has expired, etc.
- ☐ Bid Time - Insufficient time to properly respond to bid or proposal.
- ☐ Delivery Time - Specified delivery time cannot be met.
- ☐ Payment - Delay in payment terms. Please be specific.
- ☐ Bonding - We are unable to meet bonding requirements.
- ☐ Insurance - We are unable to meet insurance requirements.
- ☐ Removal - From bidders list for this particular commodity or service.
- ☐ Keep - Our company on your bidders list for future reference.
- ☐ Project is - Too Large\_\_\_\_\_ Too Small\_\_\_\_\_ Site Location Too Distant\_\_\_\_\_.
- ☐ Miscellaneous - Do not wish to bid, do not handle this type of item (s), unable to compete, contract clause (s) not acceptable, etc. Please be specific.

*CONSTRUCTION PROJECTS:* Please provide reason for obtaining a bid package. Check one below.

Interest in this project as a Prime Contractor\_\_\_\_\_, Sub-Contractor\_\_\_\_\_, Supplier\_\_\_\_\_.

The intent in obtaining this information, is to utilize it to adjust procedures, if appropriate and to obtain maximum participation in the competitive bid process. Vendor comments are not restricted to those items listed. Please submit any statement relative to this bid which you feel has an impact on your inability to bid.

### VENDOR STATEMENT

---

---

NOTE: RETURN THIS FORM ONLY IF YOU ARE NOT SUBMITTING A BID.

\_\_\_\_\_  
Signature

Bid Number 11-10-6-7

\_\_\_\_\_  
Firm Name

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Fax Number

Renovation of Eight (8) Restrooms at Memorial Stadium

Purchasing Agent ...Telephone: 912-790-1623 or Fax: 912-790-1627

**REFERENCE FORM**

**REFERENCES - \$499,999 or less:** On July 25, 2003 the Board of Commissioners directed that all construction projects with a bid of \$499,999 or less, for bidders to be responsive each must provide information on the most recent three (3) projects with similar scope of work as well as other information to determine experience and qualifications as follows. If the contractor has performed any work for the Chatham County Board of Commissioners within the last five (5) years, at least one (1) of the three (3) owner references must be from the appropriate party within the Chatham County Government

- a. Project Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Owner: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City and State: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone & Fax: \_\_\_\_\_  
  
 \*Architect or Engineer: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone & Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

- b. The awarded bid amount and project start date. \_\_\_\_\_  
 c. Final cost of project and completion date. \_\_\_\_\_  
 d. Number of change orders. \_\_\_\_\_  
 e. Contracted project completion in days. \_\_\_\_\_  
 f. Project completed on time. Yes\_\_\_ No\_\_\_ Days exceeded\_\_\_\_\_.  
 g. List previous contracts your company performed for Chatham County by Project Title, date and awarded/final cost.  
 h. Has contractor ever failed to complete a project?\_\_\_ If so, provide explanation.  
 i. Have any projects ever performed by contractor been the subject of a claim or lawsuit by or against the contractor? \_\_\_ If yes, please identify the nature of such claim or lawsuit, the court in which the case was filed and the details of its resolution.



**REFERENCE FORM**

**REFERENCES - \$499,999 or less:** On July 25, 2003 the Board of Commissioners directed that all construction projects with a bid of \$499,999 or less, for bidders to be responsive each must provide information on the most recent three (3) projects with similar scope of work as well as other information to determine experience and qualifications as follows. If the contractor has performed any work for the Chatham County Board of Commissioners within the last five (5) years, at least one (1) of the three (3) owner references must be from the appropriate party within the Chatham County Government

- a. Project Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Owner: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City and State: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone & Fax: \_\_\_\_\_  
  
 \*Architect or Engineer: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone & Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_
- b. The awarded bid amount and project start date. \_\_\_\_\_
- c. Final cost of project and completion date. \_\_\_\_\_
- d. Number of change orders. \_\_\_\_\_
- e. Contracted project completion in days. \_\_\_\_\_
- f. Project completed on time. Yes\_\_\_ No\_\_\_ Days exceeded\_\_\_\_\_.
- g. List previous contracts your company performed for Chatham County by Project Title, date and awarded/final cost. \_\_\_\_\_
- h. Has contractor ever failed to complete a project?\_\_\_ If so, provide explanation. \_\_\_\_\_
- i. Have any projects ever performed by contractor been the subject of a claim or lawsuit by or against the contractor? \_\_\_\_\_ If yes, please identify the nature of such claim or lawsuit, the court in which the case was filed and the details of its resolution. \_\_\_\_\_

**REFERENCE FORM**

**REFERENCES - \$499,999 or less:** On July 25, 2003 the Board of Commissioners directed that all construction projects with a bid of \$499,999 or less, for bidders to be responsive each must provide information on the most recent three (3) projects with similar scope of work as well as other information to determine experience and qualifications as follows. If the contractor has performed any work for the Chatham County Board of Commissioners within the last five (5) years, at least one (1) of the three (3) owner references must be from the appropriate party within the Chatham County Government

- a. Project Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Owner: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City and State: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone & Fax: \_\_\_\_\_  
  
 \*Architect or Engineer: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone & Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_
- b. The awarded bid amount and project start date. \_\_\_\_\_
- c. Final cost of project and completion date. \_\_\_\_\_
- d. Number of change orders. \_\_\_\_\_
- e. Contracted project completion in days. \_\_\_\_\_
- f. Project completed on time. Yes\_\_\_ No\_\_\_ Days exceeded\_\_\_\_\_.
- g. List previous contracts your company performed for Chatham County by Project Title, date and awarded/final cost.
- h. Has contractor ever failed to complete a project?\_\_\_ If so, provide explanation.
- i. Have any projects ever performed by contractor been the subject of a claim or lawsuit by or against the contractor? \_\_\_\_\_ If yes, please identify the nature of such claim or lawsuit, the court in which the case was filed and the details of its resolution.

## CHECKLIST FOR SUBMITTING BID

**Sign below and submit this sheet with Bid**

**NOTE: All of the following items must be submitted with your Bid to be considered “responsive”.**

1. ACKNOWLEDGMENT OF ANY/ALL **ADDENDUMS** (Page 3 of ITB).
2. **ORIGINAL SURETY BOND (5% OF BID) ALONG WITH SURETY REQUIREMENTS SHEET FILLED OUT** (Page 23 of ITB).
3. BID SHEET COMPLETELY FILLED OUT AND SIGNED.
4. **“LIST OF SUBCONTRACTORS” SHEET** FILLED OUT WITH ALL SUBCONTRACTORS AND SUPPLIERS.
5. **“% TO MBE SUBCONTRACTORS/SUPPLIERS’ SHEET** COMPLETELY FILLED OUT SHOWING \$ AMOUNT AS WELL AS % OF PROJECT THAT IS PROJECTED TO GO TO MBE/WBE SUBCONTRACTORS/SUPPLIERS.
6. SECTION 2.31 OF ITB (pages 17-18) **REFERENCES:** Read this section and submit the correct number of “References” (based on total dollar amount of project) Note: Supply ALL the information that is requested for each Reference. NOTE: *Forms for Reference Information are attached to this Bid Package.*
7. **COMPLETE AND SUBMIT ALL ATTACHMENTS TO THE ITB (Attachments A thru G).**  
**\*E-2 MUST BE FILLED OUT FOR EACH SUBCONTRACTOR.**
8. **SUBMIT A COPY OF YOUR BUSINESS TAX CERTIFICATE.**

\_\_\_\_\_  
NAME/TITLE

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY/STATE/ZIP

\_\_\_\_\_  
PHONE NUMBER

\_\_\_\_\_  
FAX NUMBER

LEGAL NOTICE

CC NO. 164483

Invitation to Bid

Sealed Bids will be received until **2:00 P.M.** on **MAY 31, 2011** and publicly opened in **Chatham County Purchasing & Contracting Department, at The Chatham County Citizens Service Center, 1117 Eisenhower Drive, Suite C, Savannah, Georgia 31406**, for: **BID NO : 11-10-6-7 RENOVATION OF EIGHT (8) RESTROOMS AT MEMORIAL STADIUM**

**MANDATORY PRE-BID CONFERENCE: 10:00 A.M. MAY 19, 2011. Conference will be held on-site at Memorial Stadium, 101 John J. Scott Drive, Savannah, Georgia ,31406. Your attendance is MANDATORY.**

Plans and specifications must be purchased at Clayton Digital Reprographics by logging into **www.cdrepro.com**. Login to DFS. New users must register. For technical support contact Roger Oliver at (912) 352-3880, fax (912) 352-3881 or email: [cdrsouth@cdrepro.com](mailto:cdrsouth@cdrepro.com).

The Bid Package can be downloaded and printed from the County Purchasing and Contracting website <http://purchasing.chathamcounty.org>.

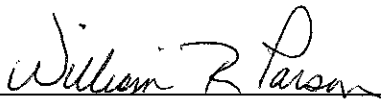
All firms requesting to do business with Chatham County must also register on-line at **http://purchasing.chathamcounty.org**. For additional information concerning specifications, please contact Robin Maurer at (912) 790-1623.

Bid Bond shall be required at the time of bid. (5% of total bid)

Payment and Performance Bonds (100% of bid) will be required for this project at the time of contract award.

CHATHAM COUNTY HAS THE AUTHORITY TO REJECT ALL BIDS AND WAIVE MINOR FORMALITIES.

**"CHATHAM COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER, M/F/H, ALL BIDDERS ARE TO BE EQUAL OPPORTUNITY EMPLOYERS"**



---

WILLIAM R. PARSON, CPPO, PURCHASING AGENT

---

SAVANNAH NEWS/PRESS INSERT: May 2, May 17, 2011

Please send affidavit to:

Chatham County Purchasing & Contracting Department

P.O. Box 15180

Savannah, Georgia 31416

(912) 790-1623