# CITY OF TUSCALOOSA, ALABAMA PUBLIC WORKS CONTRACT DOCUMENTS

# WALTER MADDOX, MAYOR

#### **Council Members:**

CITY COUNCIL OF TUSCALOOSA

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**Glenda Webb, City Attorney** 

PROJECT: 2017 City Wide Resurfacing Project\_

FILE NO.: <u>A17-1485</u> **ENGINEERING PROJECT NO.**: <u>2017.065.001</u>

FOR: <u>IPS</u>

(2017)

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STATE OF ALABAMA ) TUSCALOOSA COUNTY ) CITY OF TUSCALOOSA )
CITY OF TUSCALOOSA PUBLIC WORKS CONTRACT DOCUMENTS
SECTION ONE ADVERTISEMENT AND NOTICE FOR BIDS (2017)
Sealed bids will be received by the City of Tuscaloosa, Alabama, a Municipal Corporation, in the Council Chamber in the City Hall, 2201 University Boulevard, on the <a href="mailto:13th">13th</a> day of <a href="mailto:December">December</a> , <a href="mailto:2017">2017</a> , until <a href="mailto:10:00">10:00</a> , <a href="mailto:a.m.">a.m.</a> , o'clock, local time, and then publicly opened and read for the furnishing of all labor and material (where required) and equipment for performing a public works project according to the plans, details, specifications and Contract Documents.
Award of the contract will be made within forty-five (45) calendar days from the date of the bid opening.
1. The Project:
A. The Project shall be known as <u>2017 City Wide Resurfacing Project</u> and the general character of said public works project shall consist of the following:  Repairs and resurfacing of certain streets to include subsurface stabilization and reconstruction, planning (milling), <u>patching</u> , bituminous surface treatments, leveling, curb & gutter repairs, concrete sidewalk repairs and striping of the roadways as per the plans and specifications and as directed by the Engineer.
B. The approximate quantities of said Project are as follows: See pages 15a – 15b for Bid Quantities.
C. Special instructions are as follows: See "NOTICE TO BIDDERS" in these Contract  Documents. The proposed list of streets to be resurfaced are attached to the Technical Specifications in the back of these Contract Documents and identified as the 2017 Streets Resurfacing List.
D. The City will furnish the following: Engineer staking and testing.
E. Time of Construction: From the date stated in the Notice to Proceed, the Project time of construction is 120 consecutive calendar days.
2. Plans and Specifications:
Plans and specifications and all related Contract Documents are open for public inspection at the office of <a href="mailto:the-city-Engineer">the City Engineer</a> , located at Tuscaloosa, Alabama, and plans, specifications and other elements of the contract documents may be obtained from the office of the Engineer/Architect

from , designated as the office of the awarding authority for this purpose, located at 2201 University Blvd. , Tuscaloosa, Alabama. The contact person for the project is Chris Casey. They can be reached at 205-248-5386

Plans, specifications and Contract Documents may be obtained at the above location upon the

deposit of \$ 0.00 , which amount does not exceed twice the

Office of the City Attorney Form No. PW-01/ Rev. 05-30-2017

or at ccasey@tuscaloosa.com.

A.

may

cost of printing, reproduction, handling and distribution of each set of such documents. Deposits by prime Contractor bidders are refundable in full upon return of all documents in <u>reusable condition</u> within ten (10) days of bid opening. Additional sets of bid documents for prime Contractor bidders, subcontractors, vendors or dealers may be obtained upon payment of the same deposit. Such deposits will be refunded, less the cost of printing, reproduction, handling and distribution, if all the documents are returned in <u>reusable condition</u> within ten (10) days of bid opening.

B. All eligible refunds of deposits for plans and specifications will be made by the City within twenty (20) days of bid opening.

#### 3. Qualification of Bidders:

	All bidders must be responsible, to Bidders and bid proposal.	meeting the criter	ia and I	requirements	set forth in th	e Instruc	tions
B.	Prequalification of Bidders IS	; IS NOT	Х	_ required.			

- If prequalification of bidders is indicated to be required by the preceding sentence, then written prequalification information is available for review at the same office where plans, specifications and Contract Documents are available.
- C. The attention of all bidders is called to the provisions of State law governing "general Contractors," as set forth in Ala. Code §34-8-1, et seq. (1975), and rules and regulations promulgated pursuant thereto.
- D. If a construction manager is being utilized and this contract is one of a multiple of trade contracts, then the bidder shall be fully licensed for the trade, as determined by applicable law.
- E. The City may not enter into a contract with a non-resident corporation or entity which is not qualified under State law to do business in the State of Alabama.
- F. All bidders shall possess all other licenses and/or permits required by applicable law, rule or regulation for the performance of the work.
- G. All bidders must submit with their proposal, Contractor's license number and a copy of the license. State law, Ala. Code §34-8-8(b), requires all bids to be rejected which do not contain the General Contractor's current license number.
- H. The City reserves the right to reject all bids and/or reject and rebid the Project should it determine the same is in the best interest of the City.

#### 4. Construction Manager:

- If the preceding blank is marked with an affirmative indication, it means that this contract involves the use of a construction manager and this contract is one of several multiple trade and/or multiple prime contracts for work on the Project. Bidders attention is called to the supplemental conditions attached to the General Conditions of the Contract Documents regarding this topic.
- 5. Bid Bonds: Each bidder must submit with its bid a cashier's check drawn on an Alabama bank or a fully executed bid bond on the form that is contained in the Contract Documents executed by a surety company duly

authorized and qualified to make bond in the State of Alabama. All bonds, sureties and/or cashier checks will be made payable to the City for an amount not less than 5 percent of the City's or its engineers or architects estimated cost of the Project or of the total bid in the proposal, but in no event more than \$50,000.00.

6. Sales and Use Tax Savings: Alabama Department of Revenue Rule 810-6-3.69.02(2010) exempts certain payment of state, county, and municipal sales and use taxes by the contractor or subcontractor on tangible personal property to be incorporated into the realty pursuant to a contract with a municipal corporation such as the City of Tuscaloosa. All tax exempt purchases shall be in accordance with the laws of this state and the Alabama Department of Revenue. It is the sole responsibility of the successful contractor to make the necessary inquiries and determinations as to what materials or items of tangible personal property to be incorporated into the project qualify as tax exempt in the opinion of the Alabama Department of Revenue. Unless otherwise noted, the project will be bid and administered in compliance with the State of Alabama Act 2013-205, Certificate of Exemption from Sales and Use Tax for Governmental Entities, regarding sales and use taxes. Sales and use taxes shall not be included in the bid. The Contractor shall be responsible for obtaining a certificate of exemption from the Alabama Department of Revenue for purchases of materials and other tangible property made part of the project. Any subcontractors purchasing materials or other tangible personal property as part of the project shall also be responsible for obtaining a certificate of exemption. The estimate sales and use tax saving must be accounted for on the bid proposal. Failure to provide the estimated sales and use tax savings may render the bid as non-responsive. Other than determining responsiveness of the bid, sales and use tax accounting shall not affect the bid pricing nor shall be considered in the determination of the lowest responsible and responsive bidder.

7.	A Pre-Bid	Conferen	ice IS_	Χ	IS NOT		required	for this Pro	ject.	Pre-Bid (	Conf	erence	e wil	l be h	eld in
the	Council (	<u>Chamber</u>	located	inside	City Hall,	2201	University	Boulevard,	on	<b>Decembe</b>	r 6,	2017	at 1	0:00	<u>a.m.</u> .
Att	endance is	s mandato	ry for al	I genera	al contracto	or bido	ders in orde	r to submit a	a bid	for this pr	ojec	t.			

NOTE: All bidders are advised to carefully read the Instructions to Bidders contained in the Contract Documents, which provisions and requirements are adopted herein by reference.

CITY OF TUSCALOOSA, ALABAMA, A MUNICIPAL CORPORATION Walter Maddox, Mayor

[END ADVERTISEMENT FOR BID—OFFICE OF THE CITY ATTORNEY]

# CITY OF TUSCALOOSA PUBLIC WORKS CONTRACT DOCUMENTS SECTION TWO INSTRUCTION TO BIDDERS (2017)

# <u>NOTE</u>: THIS DOCUMENT CONTAINS IMPORTANT BIDDING AND CONTRACTING INFORMATION. ALL POTENTIAL BIDDERS SHOULD READ IT THOROUGHLY

- 1. Intention: The Advertisement for Bids, Instruction to Bidders, Contract Agreement, any modifications or supplemental conditions to the Contract Agreement, Bid Proposal, and the Plans and Specifications are interrelated and apply to the complete work to which they relate.
- 2. **Definitions**: Where the following words, or the pronouns used in their stead, occur herein, they shall have the following meaning:
  - "Awarding Authority" shall mean the City of Tuscaloosa, Alabama.
  - "Bidder" shall mean any person, firm or corporation, that is responsible, submitting a responsive bid for the Project contemplated by the contract documents, who meets the requirements set forth in the contract documents, maintains a permanent place of business, has adequate forces and equipment to perform the work on the Project properly and within the time limit that is established, has sufficient experience in the type work provided for in the contract documents and has adequate financial status and resources to meets its obligations contingent to the work.
  - "City" or "Owner" shall mean the City of Tuscaloosa, Alabama, as the awarding authority or its authorized and legal representatives.
  - "Construction Manager" shall mean that person or entity employed by the City to provide Construction Manager services on the work or Project, who shall be the City's representative on the Project.
  - "Contractor" shall mean initially the successful or probable low bidder and then the party of the first part to the construction agreement or the legally authorized representatives of such party, including a trade contractor.
  - "Engineer/Architect" shall mean an Engineer or Architect responsible for design and related services on the Project, and if no Construction Manager is employed, then the Engineer is the representative of the City of Tuscaloosa, Alabama, on the Project. References to the "Engineer" shall mean the Construction Manager, if the City has employed such services, to the extent such services are applicable to construction management activity as set forth in the agreement between the City and the Construction Manager, and the context herein indicates that it would relate to services traditionally and customarily performed by a Construction Manager; otherwise, "Engineer" shall refer to the Engineer or Architect.
  - "<u>Force Account Work</u>" work paid for by reimbursing for the actual cost for labor, materials and equipment usage incurred in the performance of the work, as directed, including a percentage for overhead and profit where appropriate.
  - "Gender": a word importing one gender shall if appropriate extend to and be applied to the other gender. The masculine shall include the feminine and vice versa, unless the context clearly indicates otherwise.
  - "Inspector" shall mean a representative of the Engineer/Architect, Construction Manager or the City, as the case may be.

"Non-Resident Contractor" shall mean a contractor which is neither (a) organized and existing under the laws of the State of Alabama nor (b) maintains its principal place of business in the State of Alabama. A non-resident contractor which has maintained a permanent branch office within the State of Alabama for at least five (5) continuous years shall not thereafter be deemed to be a non-resident contractor so long as the contractor continues to maintain a branch office within Alabama.

"Project" shall mean the Public Work to which these Contract Documents relate, including the labor, materials and all work to be done by Contractor that is the subject of the bid, plans, specifications and contract documents.

"<u>Public Property</u>" Real property which the awarding authority owns or has contractual right to own or purchase, including easements, rights-of-way, or otherwise.

"<u>Public Work(s)</u>" shall mean a Project consisting of the construction, repair, renovation, or maintenance of public buildings, structures, sewers, water works, roads, bridges, docks, underpasses and viaducts, as well as any other improvement to be constructed, repaired or renovated or maintained on public property to be paid, in whole or in part, with public funds or with financing to be retired with public funds in the form of lease payments or otherwise.

"Responsible Bidder" shall mean a bidder who, among other qualities determined necessary for performance, is competent, experienced and financially able to perform the contract.

"Responsive Bidder" shall mean a bidder who submits a bid that complies with the terms and conditions of the invitation for bids, including plans, drawings, specifications and other provisions of the contract documents.

"Retainage" shall mean that money belonging to the Contractor which has been retained by the awarding authority conditioned upon final completion and acceptance of all work in connection with the Project.

"Singular/Plural" the singular shall include the plural and vice versa, unless the context clearly indicates otherwise.

"<u>Trade Contracts</u>" "Trade contracts" or "multiple prime contracts" are multiple but separate contracts with the City on the same Project that represent significant construction activities performed concurrently with and closely coordinated with construction activities performed on the Project under other trade contracts.

"<u>Unbalanced Bid</u>" Unbalanced bids may be considered non-responsive and may be subject to rejection. An unbalanced bid includes but is not limited to one which results in a substantial advance payment to the contractor.

**3. Work to be Performed**: The City contemplates the construction of a public works project as generally described in the Advertisement for Bid and as more particularly described, shown and depicted on the plans, specifications, drawings and in the contract documents.

#### 4. Bidding, Generally:

- A. All bids must be made upon the bid proposal forms contained in the contract documents, shall state the amount bid for each item as shown therein and all blanks shall be properly filled in and bid proposal executed as required.
- B. Any bidder may withdraw his or its bid, either personally or by telegraphic or written request (not by facsimile), at any time prior to the scheduled opening time for receipt of bids. Except as provided in Ala. Code §39-2-11(b)(c)(d), no bid may be withdrawn after opening of bids prior to the time of returning bid bonds as provided for herein.

- C. Any unauthorized conditions, limitations or provisos attached to the bid proposal, except as otherwise provided herein, will render a bid proposal informal and may cause its rejection. Unbalanced bids may be subject to rejection. Bids without the General Contractor's license number and a copy of the license will be rejected.
- D. All bids will be opened in public at the time and date specified in the Notice of Advertisement for bids, unless otherwise altered by addendum. All bidders are invited to be present at the opening of bids. No bids will be received after the time established for the opening of bids.
- E. All bids are to be enclosed in a sealed envelope addressed to the City of Tuscaloosa, P. O. Box 2089, Tuscaloosa, Alabama and/or hand delivered to the City Clerk, 2201 University Boulevard, City Hall, Tuscaloosa, Alabama. All bids are to be marked to indicate clearly the Project to which it applies and include the following language: "Bid Enclosed" and "Attention City Clerk."

**NOTE:** Bidders current General Contractor's license number must be displayed on the bid and the sealed envelope.

5. **Responsible**, **responsive bidders**: The City reserves the right to reject any bid that is submitted by a bidder that is determined by the City to not be a responsible bidder or whose bid proposal is not responsive.

In determining whether a bidder or bid is responsible and/or responsive, the City reserves the right to also request and consider the following factors:

- A. Types or kinds of materials or items best suited to the City's needs for the Project.
- B. A current financial statement of the bidder and/ or bonding capability or limits.
- C. An accurate inventory of equipment to be used on the Project for a list of key personnel to be used on the Project and detailed histories of their experience.
- D. A list of similar work performed by any person, firm, or corporation with the same name as the name or any of the names in the bidder's proposal within the last five (5) years.
- E. A list of five (5) references familiar with the bidder's competence, experience, capabilities, skill and integrity.
- F. A statement of bidder pertaining to bankruptcies, judgments, liens or litigation within the last five (5) years. Such statement shall also apply to each company, officer and the key personnel on the Project.
- G. The General Contractor's State license number and class.
- H. Bidder's performance and prosecution of past projects for the City.
- I. An unbalanced bid.
- J. Other information supplied in the bid proposal.

The City may make such investigations as he deems necessary to determine the ability of the Bidder to perform the work, and the Bidder shall furnish to the City all such information and data for this purpose as the City may request. The City reserves the right to reject any Proposal if the evidence submitted by, or investigation of, such Bidder fails to satisfy the City that such Bidder is properly qualified to carry out the obligations of the Contract and complete the work contemplated therein.

6. Bid Bonds: Each bidder must submit with its bid, a cashiers check drawn on an Alabama bank, made payable to the City of Tuscaloosa or a fully executed bid bond on the form that is contained in the contract documents, executed by a surety company duly authorized and qualified to make bond in the State of Alabama. All bonds and/or cashiers check will be made payable to the City of Tuscaloosa for an amount not less than five (5) percent of the City's or its engineers or architects estimated cost of the Project or of the total bid in the proposal, but in no event more than \$50,000.00. The purpose of said bid bond is to insure that the successful bidder will enter into a written contract with the City for the Project on the form included in the contract documents and furnish a

performance bond and payment bond executed by a surety company duly authorized and qualified to make such bond in the State of Alabama, in the amount required and provide evidence of insurance as required by the bid documents within time specified or if no time is specified, within thirty (30) days after the forms have been presented to the successful bidder for signature. Provided; however, if extenuating circumstances prevail, the City may grant an extension of time not exceeding five (5) days for the return of the contract bonds and evidence of insurance.

The price or cost of all items bid shall remain in effect for a period of fifty (50) days after Notice of Award.

7. **Return of Bid Bonds:** All bid bonds, except those of the three lowest bona fide bidders, will be returned immediately after bids have been checked, tabulated and the relation of the bids established. The bid bonds of the three lowest bidders may be retained and if so will be returned as soon as the contract bonds and the contract documents of the successful bidder have been approved and properly executed.

In the event it is necessary to defer a contract award for longer than fifteen (15) days, after opening of bids, then all bid bonds, except that of the potential successful bidders will be returned.

Award of the contract will be made within the time specified after the opening of bids. In the event no award is made within such time, all bids may be rejected and all bonds returned.

Provided; however, the potentially successful bidder may enter into a written agreement with the City for an extension of time for consideration of its bid, in which case, the bidder's bond shall remain in full force and effect or the City may permit said bidder to substitute a satisfactory surety for the cashier's check if submitted as a guaranty to the bid bond.

8. Forfeiture of Bid Bonds: Should the successful bidder or bidders to whom a contract is awarded fail to execute a contract(s) and furnish acceptable contract securities and evidence of insurance, as required, within thirty (30) days after the prescribed forms have been presented to him/her, the City may retain from the proposal guaranty, if it is a cashier's check or recovered from the principal or the sureties, if the guaranty is a bid bond, the difference between the amount of the contract as awarded, and the amount of the proposals of the new lowest bidder. If no other bids are received, the full amount of the proposal guaranty may be so retained and recovered as liquidated damages for such default. Any sum so retained or recovered shall be the property of the awarding authority.

#### 9. Consideration of Bid Proposals:

- A. Generally: The contract will be awarded to the lowest responsible and responsive bidder, unless the City determines that all the bids are unreasonable or that it is not in the best interest of the City to accept any of the bids. Award of the contract will be made on the basis of the lowest actual bid amount for the contract, which is defined as the total of the bid and/or extended total amounts for unit price items, plus requested and accepted additive or deductive alternates, pursuant to the provisions hereof. The City reserves the right to reject all bids and/or reject and rebid the Project should it determine the same is in the best interest of the City.
- B. Minor irregularities as determined by the City or its representatives, will not cause a bid to be non-responsive and may be waived by the City.
- C. Bidder must possess all licenses and permits required by applicable law, rule or regulation for the performance of the work prior to bidding.
- D. Where the City elects to prequalify contractors prior to bidding, it shall be understood that such prequalification may be general in nature and shall not limit the City's right to revoke such prequalification pursuant to Ala. Code §39-2-4(d) (1975).
- E. Joint ventures shall not generally be considered acceptable bids without special waiver from the City, which must be requested in writing at least thirty (30) days prior to bid opening.

- F. Additive and/or Deductive Alternates: If the City has elected to request bids for additive and/or deductive alternates, then the following procedure shall be the basis for calculating such bids:
  - Deductive Alternates: Any deductive alternate from the base bid shall constitute cumulative deductions from the base bid; and in determining the lowest bidder, if the City elects to consider any deductive alternates, the City will proceed to consider the bids upon the basis of the base bids of all qualified bidders minus the respective deduction stated for the first alternate. If the City determines that it wishes to proceed to consider additional deductive alternates, it may do so sequentially and in like manner throughout the deductive alternates the City elects, so that the base bids of all qualified bidders shall be calculated minus the respective number of deductive alternates in sequence the City has elected to consider. The lowest responsible responsive bid will be the lowest actual base bid of a qualified bidder less the selected sequential deductive alternates.
  - Additive Alternates: To determine additive alternates, any additive alternate shall constitute cumulative additions to the base bid; and in determining the lowest bidder if the City elects to consider any additive alternates, the City will proceed to consider the bids upon the basis of the base bid of all bidders plus the respective addition stated for the first alternate. If the City determines that it wishes to proceed to consider additional additive alternates it may do so sequentially, and in like manner, throughout the additive alternates, the City elects, so that the base bids of all qualified bidders shall be calculated plus the respective number of additive alternates in sequence the City has elected to consider. The lowest responsible responsive bid will be the lowest actual base bid of a qualified bidder plus the selected sequential additive alternates. Once the City has determined the lowest responsible responsive bidder as set forth herein, then it may award the contract on the basis of accepting and/or rejecting any additive and/or deductive alternates of that bid as it determines is in the best interest of the City.
- G. No Bids or Only One Bid: In the event no bid proposals or only one bid proposal is received in response to the City's Advertisement for Bids at the time stated for the opening of bids, the City may elect at its discretion, any of the following options:
  - 1) Advertise for and seek other competitive bids.
  - 2) Direct that the work shall be done by force account under its direction and control.
  - Negotiate for the work through the receipt of informal bids. Provided; however, where only one responsible and responsive bid has been received, any negotiation for the work shall be for a price lower than that bid.
- H. An unbalanced bid.
- **10**. **Materials and Work:** All materials, which the engineering plans specify or are required, will be installed as they are shown on the drawings, plans and/or specs.
  - A. Brand names, catalog numbers, weights, etc., are used to indicate levels of quality only and are not intended to restrict the bidding. If bidding on an item of another brand or manufacturer than that specified, bidder's proposal should be accompanied by brochures or other pertinent literature giving detailed specifications of the item(s) on which the proposal is being made. Bids or proposals received without sufficient literature to determine equal quality may not be considered. Final determination as to equal quality will be made by the City.
  - B. Quantities: The quantities shown in the proposal shall be considered by the contractor as the quantities required to complete the work for the purpose of bidding. Should the actual quantities required in the construction of the work be greater or less than the quantities shown, an amount equal to the difference of quantities at the unit prices bid for the items will be added to or deducted from the contract total.

- C. Adjustment Items: During the course of work, the prices bid for adjustment items may be used by the City to increase or decrease the total cost for the work if the quantity of work exceeds or is less than the amount shown on plans.
- D. The attention of all bidders is called to the fact that all or a portion of this Project may be federally funded and if so, the special conditions of a federally funded contract including federal labor standard provisions, the minimum wage rates included in the contract documents, plans and specifications must be followed.
- E. Construction Crews: The Contractor will be required to furnish at least one separate construction crew during the work as set forth in the contract. Unless waived by the City, the Contractor shall perform on the sites and with his own organization and equipment, at least fifty percent of the total amount of the work to be performed under this Contract. The Contractor may only subcontract a maximum of fifty (50%) percent of the work without City consent. If, during the progress of the work hereunder, the Contractor requests a reduction of such percentage, and the City representative determines that it would be to the City's advantage, the percentage of the labor required to be performed by the Contractor's own organization may be reduced; PROVIDED prior written approval of such reduction is obtained by the Contractor from the City.
  - **NOTE:** Bidders are advised to carefully review all other elements of the contract documents for more details concerning requirements for performing work on the Project.
- F. In the event the City elects to utilize a Purchasing Agent Appointment agreement in conjunction with this contract, the Contractor will be required to execute such an agreement and perform in accordance therewith.
- 11. **Execution of Contract, Notice to Proceed:** Award of the contract will be made within the time specified after the opening of bids.

The bidder to whom award is made shall enter into a written contract for the Project with the City on the forms provided in the contract documents, furnish the required performance and labor and material bonds with proper surety and furnish the evidence of insurance as required, all within thirty (30) days of presentation of the prescribed forms to the bidder. If extenuating circumstances prevail, the City may grant an extension of time not exceeding five (5) days for the return of the contract, required bonds and evidence of insurance.

Within twenty (20) days after presentation by the bidder to the City, the City shall review the bonds, surety and evidence of insurance to ascertain whether they meet the requirements of the contract documents, and if such requirements have been met the City shall complete the execution of the contract.

A notice to proceed order will be issued by the City or its representatives within fifteen (15) days after final execution of the contract by the City. The Contractor shall begin work on the date specified in the Notice to Proceed.

- 12. Labor, Material and Performance Bonds: Within thirty (30) days after the prescribed forms have been presented, the successful bidder shall execute a performance bond with good and sufficient surety from a company duly authorized and qualified to make such bond in the State of Alabama, a performance bond made payable to the City of Tuscaloosa, with a penalty equal to 100 percent of the amount of the contract price and in addition thereto, another bond with good and sufficient surety by a surety company duly authorized and qualified to make such bond in the State of Alabama, payable to the City of Tuscaloosa, in an amount equal to 100 percent of the contract price with an obligation that such contractor shall promptly make payments to all persons supplying it or them with labor, materials or supplies for or in prosecution of the Project provided for in such contract and for the payment of reasonable attorneys fees incurred by any successful claimants or plaintiffs in civil actions on said bond, pursuant to the provisions of Ala. Code §39-1-1 (1975).
- 13. Surety and Insurer Qualifications: All certificates of insurance and bonds (furnished in connection with the work to be performed under this contract) shall be countersigned by a licensed agent residing and engaged in

doing business in the State of Alabama. The surety and insurer shall be licensed and authorized to do business in the State of Alabama. The surety companies on bonds shall be rated A- or better by A. M. BEST and listed on the United States Treasury Department 570 list.

- 14. **Power-of-Attorney:** The attorney-in-fact (resident agent) who executes the performance bond and/or payment bond on behalf of the surety must attach a notarized copy of his or her power-of-attorney as evidence of his authority to bind the surety of the date of execution of the bonds. Certification by a resident agent authorized to do business in Alabama is required.
- 15. Insurance: The successful contractor shall file with the City, at the time of delivery of the signed contract, satisfactory evidence of insurance, the requirements as set forth in the contract agreement. Satisfactory evidence of insurance shall include at a minimum, the insurers standard "Certificate of Insurance" (modified pursuant to insurance requirements of the contract agreement) and the agents verification of insurance as required by Section 26. If the City deems that additional evidence or clarification, etc., of insurance is appropriate, the bidder shall promptly furnish the same to the City upon request.
- **16.** Examination of Contract Documents and of the Site of the Project: Before submitting a bid proposal for the Project, each bidder shall carefully examine the Contract Documents, including but not limited to plans, drawings, specifications, contract, etc., visit the site, and satisfy itself as to the nature and location of the Project, and the general and local conditions, including weather, the general character of the site or building, the character and extent of existing work within or adjacent to the site, any other work being performed or proposed thereon at the time of submission of their bids. It shall obtain full knowledge as to transportation, disposal, handling, and storage of materials, availability of water, electric power, and all other facilities in the area which will have a bearing on the performance of the Project for which they submit their proposals. The submission of a proposal shall be prima facie evidence that the bidder has made such examination and visit and has judged for and satisfied himself as to conditions to be encountered regarding the character, difficulties, quality, and quantities of work to be performed and the material and equipment to be furnished, and as to the contract requirements and contingencies involved. It shall be the Bidder's obligation to verify for himself and to his complete satisfaction, all information concerning site and surface conditions.
- 17. Subsurface Reports: Prior to Bid opening, the City will make available to prospective Bidders, upon request, any information that it may have as to subsurface conditions and surface topography at the work site. Investigations of subsurface conditions were made for the purpose of study and design, and neither the City nor its consultants that performed such testing assume any responsibility whatsoever in respect to the sufficiency or accuracy of borings, or of the logs of test borings, or of other investigations that have been made, or of the interpretations made thereof, and there is no warranty or guarantee, either expressed or implied, that the conditions indicated by such investigations are representative of those existing throughout such area, or any part thereof, or that unforeseen developments may not occur.

Logs of test borings, geotechnical reports, or topographic maps showing a record of the data obtained by the investigations of surface and subsurface conditions that are made available shall not be considered a part of the Contract Documents, and are available only for the convenience of the Bidders. Such logs and reports represent only the opinion of the Engineer/Architect or Consultant as to the character of the materials encountered by him in his investigations of the test borings.

Information derived from inspection of logs of test borings, or pits, geotechnical reports, topographic maps, or from Drawings showing location of utilities and structures will not in any way relieve the Contractor from any risk, or from properly examining the site and making such additional investigations as he may elect, or from properly fulfilling all the terms of the Contract Documents.

The City shall not be responsible for any interpretations or conclusions drawn from any subsurface exploration reports or borings. Each bidder is to base his bid upon his determination of the subsurface conditions and of the types and quantities or material to be encountered or needed. Additional tests or other exploratory operations may be made at no cost to the City.

- 18. Interpretation of Plans and Specifications: If any bidder contemplating submitting a bid for the proposed contract is in doubt as to the true meaning of any part of plans, specifications, or other proposed contract documents, he may submit to the Engineer/Architect or Construction Manager, as the case may be, a written request for an interpretation thereof at least ten (10) days prior to bid opening. The bidder submitting the request will be responsible for its prompt delivery. Any interpretation of the proposed documents will be made only by written addendum duly issued and a copy of such addendum will be mailed or delivered to each person receiving a set of such documents. The City, Construction Manager or Engineer/Architect will not be responsible for any other explanations or interpretations of the proposed documents.
- **19. General Contractor's Permit or License:** The attention of all bidders is called to the provisions of the State law governing general contractors as set forth in Ala. Code §34-8-1 et seq. (1975), particularly in regard to the need for and evidence of a State general contractor's license. The provisions of said statute are adopted herein by reference and form a part of the Contract with the selected bidder should this Project be awarded.

Bidders are reminded that they will be governed by said statutes insofar as they are applicable. To summarize the above quoted statutes, Ala. Code §34-8-1, et seq. (1975) provides that no one is entitled to bid and no contract may be awarded to anyone who does not possess a valid general contractor's permit or license, including specialty classifications for the work, as provided by the foregoing sections of the State Code, and rules and regulations promulgated pursuant thereto and that said bid may not be considered without evidence being produced that he is so qualified. Trade contractors must be duly licensed in accordance with applicable law. The City may not enter into a contract with a nonresident corporation that is not qualified under the State law to do business in Alabama.

Bidder <u>MUST</u> include with proposal contractor's current license number and a copy of the license. State law, Ala. Code §34-8-8(b) (1975) requires all bids to be rejected which do not contain general contractor's license number.

- **20. U. S. Products Preference:** The successful bidder (contractor) shall comply with Ala. Code §39-3-1 (1975), shall agree to utilize in the execution of the Project, materials, supplies and products manufactured, mined, processed or otherwise produced in the United States or its territories, if the same are available at reasonable and competitive prices and not contrary to any sole source specifications. It is further stipulated that a breach of the foregoing provision of this agreement by the contractor in failing to utilize domestic products shall result in a downward adjustment in the contract price equal to any realized savings or benefit to the Contractor.
- 21. Use of Domestic Steel: The attention of all bidders and that of the successful bidder (contractor) is drawn to Ala. Code §39-3-4 (1975), requiring the use of steel produced within the United States for municipal construction projects when specifications in the construction contract require the use of steel and do not limit its supply to a sole source. This provision is subject to waiver if the procurement of domestic steel products becomes impractical as a result of national emergency, national strike or other causes. Violations of the use of domestic steel requirements shall result in a downward adjustment in the contract price to equal any savings or benefit to the Contractor.
- 22. In State Bidder Preference: Pursuant to Ala. Code §39-3-5 (1975), in the letting of public contracts in which municipal funds are utilized, except those contracts funded in whole or in part with funds received from a federal agency, preference shall be given to resident contractors, and a nonresident bidder domiciled in a state having laws granting preference to local contractors shall be awarded Alabama public contracts only on the same basis as the nonresident bidders' state awards contracts to Alabama contractors bidding under similar

circumstances; and resident contractors in Alabama, as defined in Ala. Code §39-2-12 (1975), be they corporate, individuals or partnerships, are to be granted preference over non-residents in awarding of contracts in the same manner and to the same extent as provided by the laws of the state of the domicile of the nonresident.

Nonresident bidders must accompany any written bid documents with a written opinion of an attorney-at-law licensed to practice law in such nonresident bidder's state of domicile, as to the preferences, if any or none, granted by the law of that state to its own business entities whose principal places of business are in that state in the letting of a public contract.

- 23. Applicable Laws: Each Bidder shall inform himself of, and the Bidder awarded a contract shall comply with, federal, state, and local laws, statutes, and ordinances relative to the execution of the work. This requirement includes, but is not limited to, applicable regulations concerning minimum wage rates, the use of domestic products, U.S. steel and resident labor, non-discrimination in the employment of labor, protection of public and employee safety and health, environmental protection, the protection of natural resources, fire protection, burning and non-burning requirements, permits, fees and similar subjects. Certain statutory requirements are summarized immediately hereinafter. The attention of all bidders is called to the fact that the work will be subject to compliance with all applicable City building and technical codes and will be subject, in addition to all other inspections, to inspection by a representative of the City of Tuscaloosa Building Inspections Department.
- 24. SRF/DWSRF Special Requirements. If all or any portion of the Project to which this contract applies is funded in whole or in part by the proceeds of a loan or loans from the Alabama Department of Environmental Management (ADEM) through either a State Revolving Fund for Wastewater or Water (SRF or DWSRF, respectively), additional requirements for the Contractor exist (Requirements). These Requirements relate to Project objectives for utilization of Minority Business Enterprises/Women Business Enterprises (MBE/WBE). The Contractor must document efforts made to utilize MBE/WBE firms and submit to ADEM, with a copy to the City within ten (10) days after contract execution, evidence of the positive steps in accordance with the requirements to utilize small minority and women businesses in the procurement of subcontracts.

Other Requirements relate to Federal Labor Standards, Title VI of the Civil Rights Act of 1964, Equal Employment Opportunity, Affirmative Action Equal Opportunity Clause, Goals and Timetables, compliance with Occupational Safety and Health Act of 1970 and Section 107 of Contract Work Hours and Safety Standards Act (PL91-54) which are adopted herein by reference to the extent applicable.

For DWSRF and SRF funded projects, special requirements are also set forth in Supplemental General Conditions. If not attached to the contract documents, Contractors should contact the City representative and/or the City's consulting engineer for a copy of all special requirements and conditions.

- 25. Special Conditions for Federally Funded Contracts. If all or any portion of the Project to which this contract applies is funded in whole or in part by the proceeds of a grant from an agency of the United States Government, additional requirements for the Contractor exist. A summary of these requirements entitled, "Special Conditions for Federally funded Contracts," is attached hereto and made a part hereof. Bidder should contact the Engineer or City Representative to confirm the applicability of these requirements to the Project.
- **26. Agent's Verification of Insurance.** This form or a letter equivalent from the Insurance Agent should be submitted with each Contractor's Bid, or in the alternative, Contractor may provide a copy of the insurance policy or policies reflecting the coverages required herein.
- 27. Compliance with Immigration Law. By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be

in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom, to the extent allowed by Federal law.

- 28. Compliance with Affordable Health Care Act. By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal compliance laws pertaining to the Affordable Health Care Act. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom, to the extent allowed by Federal law.
- 29. Compliance with the City of Tuscaloosa Minority Enterprise / Disadvantage Business Enterprise (MBE/DBE/WBE) Policy for Public Works Projects Over \$50,000. The City of Tuscaloosa has voluntarily adopted a Minority / Disadvantaged Business Enterprise ("MBE/DBE/WBE") Program designed to encourage the participation and development of minority and disadvantaged business enterprises and to promote equal business opportunities to the fullest extent allowed by state and federal law.

It is the intent of the City to foster competition among contractors, suppliers, and vendors that will result in better quality and more economical services rendered to the City. Under this policy, the City of Tuscaloosa has established a goal of ten to twenty percent (10-20%) inclusion of minority and disadvantaged business enterprises for all services required to deliver City projects. In no case shall the stated percentage be the determining factor in contract awards. Rather, contractors must demonstrate a good faith effort to attain the desired percentage goal.

The Policy as adopted is entitled THE CITY OF TUSCALOOSA MINORITY ENTERPRISE / DISADVANTAGED BUSINESS ENTERPRISE (MBE/DBE/WBE) POLICY FOR PUBLIC WORKS PROJECTS OVER \$50,000, and is attached hereto as "Exhibit A" (the "Policy"). Contractors are encouraged read the Policy in its entirety, and must follow the instructions contained therein. The Policy requires submission of various forms at specified times, and failure to do so may result in rejection of bid due to non-responsiveness. Contractors shall work in coordination with the City of Tuscaloosa's Department of Infrastructure and Public Services:

Contact information is as follows:
Caramyl Drake
Community Development Program Manager
Infrastructure and Public Services—Administration
City of Tuscaloosa
Phone: (205) 248-5725
cdrake@tuscaloosa.com

Questions about Policy requirements should be directed to the City of Tuscaloosa Office of the City Attorney at 205-248-5140.

**30.** Compliance with Act 2016-312. By signing this contract, the contracting parties affirm, for the duration of the agreement, that they are not currently engaged in, and will not engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which this state can enjoy open trade.

[END INSTRUCTION TO BIDDERS—OFFICE OF THE CITY ATTORNEY]

# CITY OF TUSCALOOSA PUBLIC WORKS SECTION THREE

## PROPOSAL (BID)

(2017)

**NOTE TO BIDDER:** Use BLACK ink for completing this Proposal form.

To:			
Address:			
Project Title:			
-	Engineering Project No.:	·	
Trade:	The trade portion of the work for whether		s submitted is:
			(if applicable)
Trade Package No.:			
	f the Bidder submitting this Proposal is		
	Street	City	State Zip
which is the address to	which all communications concerned v	vith this Proposal ar	nd with the Contract shall be sent.
Licensed, Class	, Alabama General Contractor No.:		(Attach Copy)
Alabama General Contr	ractor Specialty		
Alabama General Contr	ractor License Major Categories:		
(1)	(2)		
Bidder's contact person	for additional information on this Propo	osal:	
Name:		Telephone:_	
	Bidder hereby acknowledges t (Bidder shall Insert No. of each A of the Contract Documents, and the said addenda.	ddendum received)	and agrees that all addenda issued
are rendered, as herein quantities and costs, the and cen	Bidder agrees to accept as full payment specified and as shown on the Contract following lump sum of:	ct Documents, upo). (Amount v	n the undersigned's own estimate o  Dollars written in words has precedence)
<b>ALTERNATES</b> : Attach	additional sheets for additive or deduct	tive alternates, if in	contract documents.

<u>UNIT PRICES</u>: Where the Project is bid in unit prices then Bidder agrees to perform the work in the stated quantities of the materials at the unit prices so bid, the cumulative total of which constitutes the base bid set forth below, and to accept as final payment for the work performed under this Project as herein specified the extension of each such unit price for the quantities actually installed in accordance with the following or attached unit price schedule.

An unbalanced bid, as herein defined, may be considered non-responsive. A bid resulting in a substantial advance payment on an item that is for a single lump sum payment may be considered non responsive.

Prices for mobilization and demobilization combined shall not exceed 5% of the total base bid unless a reasonable explanation is provided in writing with the bid and accepted by the Owner. Lump sum payments and unit price bids for a single or lump sum payment may be spread over the course of the period of work until the line item is complete at owner's option.

The Bidder's unit price for materials listed is as including the payment of taxes (See Page 3) where applicable: (Attach additional sheets if required)

	<u>Material</u>	Quantity	Unit Price	TOTAL	
1.					
2.					
3.					
		TOTAL E	BASE BID \$_		
<u>SALES</u>	AND USE TAX S	AVINGS ACCOUNTING:			
ncluded		e of Alabama Act 2013-205 al form as follows:	, Section 1(g) the Co	ontractor accounts	for the sales tax NOT
		RΛ	<u>ESTIMATED</u> SE BID: \$	SALES AND USE	<u>TAX</u>
		Additive Alternate (if appl	· -		

Failure to provide an accounting of sales tax may render the bid non-responsive. Other than determining responsiveness, sales tax accounting shall not affect the bid pricing nor be considered in the determination of the lowest responsible and responsive bidder.

AS BUILT DRAWINGS: The Bidder's Proposal contains \$\_\_\_\_\_\_ for "as built drawings."

<u>BIDDER'S DECLARATION AND UNDERSTANDING</u>: The undersigned, hereinafter called the Bidder, declares that the only persons or parties interested in this Proposal are those named herein, that this Proposal is, in all respects, fair and without fraud, that it is made without collusion with any official of the City, and that the Proposal is made without any connection or collusion with any person submitting another Proposal on this Contract.

The Bidder further agrees that he has checked and verified the completeness of the Contract Documents and that he has exercised his own judgment regarding the interpretation of subsurface information utilizing all pertinent data in arriving at his conclusions. The Bidder shall be fully responsible for any damages or liability arising out of his or his subcontractors pre-bid investigations.

The Bidder understands and agrees that if a Contract is awarded, the City may elect to award all schedules under one Contract, lump sum, separately, or in any combination that best serves the interests of the City.

The Bidder further declares that he has carefully examined the Contract documents for the construction of the Project and has checked and verified the completeness of the Contract Documents, that he has personally inspected the site, that he has satisfied himself as to the quantities involved, including materials and equipment, and conditions of work involved. Bidder further declares that he is fully aware of the fact that the description of the work, quantities of work and materials, as included herein, is brief and is intended only to indicate the general nature of the work and to identify the said quantities with the detailed requirements of the Contract Documents. Bidder also declares that this Proposal is made according to the provisions and under the terms of the Contract Documents, which Documents are hereby made a part of this Proposal.

The Bidder declares that he understands and agrees that the quantities shown in the Advertisement for Bids and in the Proposal are approximate only and are subject to either increase or decrease; and that should quantities be decreased, he also understands and agrees that payment will be made on actual quantities installed at the unit bid prices, and will make no claim for anticipated profits for any decreases in the quantities. Actual quantities will be determined upon completion of the work.

**START OF CONSTRUCTION AND CONTRACT COMPLETION TIME**: The Bidder further agrees to begin work on the date stated in the Notice to Proceed and to fully complete the work, in all respects, within the time specified in the contract documents for completion.

**EXPERIENCE OF BIDDER:** Unless advised by the awarding authority in the Advertisement for Bids that the same is not required, the Bidder submits the following list of at least three clients for whom projects involving construction of similar projects have been performed within the past 5 years.

Name of Client		Telephone Numl	
Street		City	
Facility	Size	Date	
Name of Engineer/Archi	itect /Engineering Firm	Telephone Number	
Name of Client		Telephone Numbe	
Street		City	
Facility	Size	Date	
Name of Engineer/Archi	itect /Engineering Firm	Telephone Number	

Street			City	
Facility	Size		Date	
Name of Engineer/Archite	ect/Engineering Firm		Telepho	ne Number
PERFORMANCE OF WORK B'his own forces (refer to the INST			all perform at least 50	) percent of the work with
SUBCONTRACTORS: Unless further certifies that if his bid is a subcontracts for the following po	ccepted, the following ortions of the work:	g subcontractin	g firms or businesses	
Name				
Street		City	State	_'. Zip
Description of Work				
Name				
Street		City	State	Zip
Description of Work				
Name				
Street		City	State	' Zip
Description of Work				
Name				
Street		City	State	. Zip

Name of Client

Telephone Number

<b>SURETY:</b> If the Bidder is awarded a Performance Bond and Payment Bond		oposal, the Surety	who provides the
			whose address is
Street	City	State	,Zip
Single Job Bond Limit	Aggregate Job Bond	Limit	
If Sole Proprietor or Partnership:			
IN WITNESS hereto the ui	ndersigned has set his (its) han	d this day	of
	Signature of Bio	dder	
	Title		
If Corporation:			
IN WITNESS WHEREOF executed and its seal affixed by	the undersigned corpora the its duly authorized officers,		
	Name of Corpo	ration	
(seal)	Ву		
	Title		
	Attest	Secretary	
	* * * * * * * *		
The Bidder declares that he and in the Proposal are approximate be decreased, he also understands bid prices, and will make no claim for determined upon completion of the w	and agrees that payment will be anticipated profits for any decre	ncrease or decrease made on actual of	se; and that should quantities quantities installed at the unit
Attached hereto is a (Bi	d Bond) or (Check) for the su	m of	according
to the conditions under "Instructions t	o Bidders" and provisions thereir	 າ.	according

Dated this	day of		, 20	·	
		BY:			
			Title		

**(NOTE)** If the Bidder is a corporation, the Proposal shall be signed by an officer of the corporation; if a partnership it shall be signed by a partner. If signed by others, authority for signature shall be attached.

 $[\ \mathsf{END}\ \mathsf{OF}\ \mathsf{BID}\ \mathsf{PROPOSAL}\mathsf{-\!OFFICE}\ \mathsf{OF}\ \mathsf{THE}\ \mathsf{CITY}\ \mathsf{ATTORNEY}\ ]$ 

#### CITY OF TUSCALOOSA PUBLIC WORKS CONTRACT DOCUMENTS

## SECTION FOUR BID BOND TO THE CITY OF TUSCALOOSA, ALABAMA (2017)

KNOW	ALL	MEN	BY	THESE	PRESENT	S, that	we	, the	unders	signed,			
						as Princ	ipal; a	and					
						as Sure	ety, ( <b>I</b>	NOTE	: If cas	hier's (	check d	drawn on a	an
Alabama Bank ut	ilized in	lieu of	corpor	ate surety	, attach chec	k as req	uired	by bic	docum	ents) a	are here	eby held ar	nd
firmly bound unto													
the sum of												Dollar	S
the sum of (\$		) for	the pa	ayment of	which sum, v	ell and t	truly to	o be m	nade, th	e said	Principa	al and Sure	ty
hereby jointly and	severa	lly bind o	ourselv	es, our he	eirs, executor	s, admini	istrato	ors, su	ccessor	s, and	assigns	i.	
Bid (Proposal), a following Project of Project:	or portio	n thered	of:	·	TETICIO, TO		10 a t	COITH	Ct III WI	illing w	iui uie	City, for ti	IC
Location:													
Architect or Engin	eer:												
Project Number: _													

#### NOW, THEREFORE,

- (a) If said Bid shall be rejected, or in the alternate,
- (b) If said Bid shall be awarded and the Principal shall execute and deliver a contract in the Form of Agreement as included in the Contract Documents for the Project, and shall execute and deliver Performance Bond and Payment Bond in the Forms as attached to the Contract Documents executed by a surety company authorized and qualified to make such bonds in the State of Alabama and in the amounts as required by the Instructions to Bidders and submit the insurance certifications as required by the bid document and fulfill all other qualifications and requirements of the Contract Documents and bid specifications (all properly completed in accordance with said Bid), and shall in all other respects perform the agreement created by the acceptance of said Bid within thirty (30) days after the prescribed forms have been presented to Bidder for execution;

Then, this obligation shall be void, otherwise, the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the Surety for any and all default of the Principal hereunder shall be the amount of this obligation as herein stated.

	hereby stipulates and agrees that the obligations of said Surety and its bond by any extension of the time within which the City may accept such Bid; and any such extension.
IN WITNESS WHEREOF, the seals, this theday of party being hereto affixed and these presits governing body.	above-bonded parties have executed this instrument under their several, 20 the name and corporate seal of each corporate sents duly signed by its undersigned representative, pursuant to authority of
WITNESS:	PRINCIPAL:
	(SEAL)
	Ву:
	Title:
	Address:
	SURETY:
	(SEAL)
	(Business Address)
ATTEST:	By:
	Title: Attorney in Fact
	Attorney in Fact

**NOTE:** Surety must be qualified and duly authorized to make bonds in the state. All Bonds and Sureties are subject to review and approval by the City Attorney. Valid current Power of Attorney for Corporate Surety must be attached.

**NOTE:** Bidder may submit a cashier's check drawn on an Alabama bank to the order of the City of Tuscaloosa equal to 5% of the amount bid, in lieu of a Corporate Surety, under the same terms.

[END DOCUMENT—OFFICE OF THE CITY ATTORNEY]

STATE OF ALABAMA	)
TUSCALOOSA COUNTY	)
CITY OF TUSCALOOSA	)

#### CITY OF TUSCALOOSA PUBLIC WORKS CONTRACT DOCUMENTS

### SECTION FIVE CONTRACT AGREEMENT (2017)

THIS AGREEMENT made and entered into this	day of	, 20 <u> </u>	, by and
between	, hereinafter sometii	mes called the CONTRA	ACTOR, as
party of the first part, and the CITY OF TUSCALOOSA,	Alabama, a Municipal (	Corporation, hereinafter	sometimes
called the CITY or OWNER, as party of the second part,		•	

#### W-I-T-N-E-S-S-E-T-H:

In consideration of the amounts herein named and of the mutual agreements and provisions herein contained, the Contractor and the City agree in regard to a public works project (hereinafter either the "work" or the "Project") as described in the Advertisement for Bids.

The Contractor will perform the work and/or construct the Project as well as furnish at his own cost and expense all labor, tools, equipment and transportation as are herein and in the Contract documents required to be furnished by the Contractor, and shall perform all the work in a manner and form required to construct the Project described in and shown on the contract documents as the same are hereinafter more specifically described and as provided by the plans, specifications and documents which are attached hereto and made a part hereof, as if fully set out herein and addenda together with all plans and drawings on file in the office specified below.

#### ARTICLE I. GENERALLY

A. Contract Documents: As used throughout the documents constituting the contract, the term "Contract Documents" shall mean and include the following: Advertisement for Bids, Addenda (if issued), the Instructions to Bidders, the Bid Proposal, the General Specifications, the Detail Specifications, Supplemental and Special Conditions (if attached), together with this Contract Agreement and any modifications, including change orders, if made, and the drawings, plans and profiles that are now on file in the office referred to in the advertisement, the Performance Bond and the Labor and Material Bond, executed by the Contractor in connection with this Contract and insurance requirements and certificates.

All such documents hereinabove enumerated are adopted herein by reference and constitute the Contract between the parties to the same extent as if each were set out in full in this agreement.

- B. Independent Contractor: The Contractor enters into this Contract with the City as an independent contractor and, as such, agrees that neither the City nor its officers, agents, employees or inspectors shall be responsible for the acts or omissions of the Contractor, or any subcontractor, or any of the Contractor's or subcontractor's agents or employees, or any other persons performing any of the work pursuant to this Contract. The Contractor shall be solely responsible for controlling construction manner, means and techniques consistent with the contract documents, plans and specifications.
- C. **Order of Precedence**: Should there be a direct conflict between the various elements of the contract documents to the extent that the same cannot be reconciled to be read *in para materia*, then precedence shall be given the same in the following order:

- 1. Subsequent modifications (change orders or amendments) to contract agreement after execution
- 2. Addenda (if issued)
- 3. Supplemental general conditions and special conditions (if included)
- 4. The Contract Agreement
- 5. General and technical specifications
- 6. Large Scale Drawings (if included)
- 7. Enlarged Plans (if included)
- 8. Plans (if included)
- 9. Instructions to bidders
- 10. Advertisement for bids
- 11. Proposal (Bid)
- 12. Purchasing Agent Appointment Agreement (if utilized)

Where more than one document relates to the same matter if both can be given reasonable effect both are to be retained. Written specifications will take precedence over drawings.

### D. Integration; Contract Terms and Construction:

- 1. <u>Integration</u>: This Agreement, together with all documents which constitute the "Contract Documents," constitute the entire agreement of the parties, as a complete and final integration thereof with respect to its subject matter. All understandings and agreements heretofore had between and among the parties are merged into this Agreement, which alone fully and completely expresses their understandings. No representation, warranty, or covenant made by any party which is not contained in this Agreement or expressly referred to herein has been relied on by any party in entering into this Agreement.
- 2. <u>Amendment in Writing</u>: This Agreement may not be amended, modified, altered, changed, terminated, or waived in any respect whatsoever, except by a further agreement or change order, in writing, properly executed by all of the parties.
- 3. <u>Binding Effect</u>: This Agreement shall bind the parties and their respective personal representatives, heirs, next of kin, legatees, distributees, successors, and assigns.
- 4. <u>Captions</u>: The captions of this Agreement are for convenience and reference only, are not a part of this Agreement, and in no way define, describe, extend, or limit the scope or intent of this Agreement.
- 5. <u>Construction</u>: This Agreement shall be construed in its entirety according to its plain meaning and shall not be construed against the party who provided or drafted it.
- 6. <u>Mandatory and Permissive</u>: "Shall," "will," and "agrees" are mandatory; "may" is permissive.
- 7. <u>Governing Laws</u>: The laws of the State of Alabama shall govern the validity of this Agreement, the construction of its terms, the interpretation of the rights, the duties of the parties, the enforcement of its terms, and all other matters relating to this Agreement.
- 8. Ownership of Contract Documents: The Contract Documents, and copies of parts thereof, are furnished and owned either by the City or the design professional. All portions of the Contract Documents, and copies of parts thereof, are the instruments of service for this Project. They are not to be used on other work and are to be returned to the City on request at the completion of the Project. Any reuse of these materials without specific written verification or adaptation by the City will be at the risk of the user and without liability or legal expense to the City or Engineer/Architect. Such user shall hold the City and Engineer/Architect harmless from any and all damages, including reasonable attorneys' fees, from any and all claims arising from any such reuse. Any such verification and adoption shall entitle the City to further compensation at rates to be agreed upon by the user and the City.

- E. **Rules of Construction:** For the purposes of this contract, except as otherwise expressly provided or unless the context otherwise requires:
  - 1. Words of masculine, feminine or neuter gender include the correlative words of other genders. Singular terms include the plural as well as the singular, and vice versa.
  - 2. All references herein to designated "articles," "sections," and other subdivisions or to lettered exhibits are to the designated articles, sections and subdivisions hereof and the exhibits annexed hereto unless expressly otherwise designated in context. All article, section, other subdivision and exhibit captions herein are used for reference only and do not limit or describe the scope or intent of, or in any way affect this agreement.
  - 3. The terms "include," "including," and similar terms shall be construed as if followed by the phase, "without being limited to".
  - 4. The terms "herein," "hereof," and "hereunder," and other words of similar import refer to this agreement as a whole and not to any particular article, section, other subdivision or exhibit.
  - 5. All recitals set forth in, and all exhibits to, this agreement are hereby incorporated in this agreement by reference.
  - 6. No inference in favor of or against any party shall be drawn from the fact that such party or such party's counsel has drafted any portion hereof.
  - 7. All references in this agreement to a separate instrument are to such separate instrument as the same may be amended or supplemented from time to time pursuant to the applicable provisions thereof.
- F. Construction Manager Multiple Trade Contracts: If indicated in the Advertisement for Bids, the City has elected to engage the services of a Construction Manager for the work on this Project. If so, the same will be indicated in the bid packages and special supplemental conditions will be attached in regard to trade contracts. Contractor, as one of the multiple trade contractors on the Project shall adhere to all terms and conditions of the contract documents, particularly the supplemental conditions regarding multiple trade or multiple prime contractors. Any provision of the general conditions in direct conflict with the supplemental conditions is superseded to the extent of the conflict. If using a Construction Manager format, then this shall be a multiple trade or multiple prime contract agreement subject to the supervision and direction of a Construction Manager, in accordance with the terms and provisions of the Construction Manager's agreement with the City, which agreement is adopted herein by reference.
- G. Coordination of Plans, Specifications, etc.: The specifications, the plans, drawings and all supplementary documents are essential parts of the Contract, and requirements occurring in one are as binding as though occurring in all. They are intended to be comprehensive to describe and provide a complete work. In case of discrepancy, figured dimensions shall govern.
- H. Corrections of Plans, etc.: Should any portions of the plans, specifications or drawings be obscure or in dispute, they shall be referred to the Engineer/Architect and he shall decide as to the true meaning and intent. The Engineer/Architect shall also have the right to correct any errors or omissions at any time when such corrections are necessary for the proper fulfillment of said plans and specifications.
- I. Taxes and Charges: Except to the extent the City and the Contractor are utilizing a "Purchasing Agent Appointment agreement," Contractor shall withhold and pay all sales and use taxes and all withholding taxes, whether local, state or federal and pay all Social Security taxes and also all State Unemployment Compensation taxes, and pay or cause to be withheld, as the case may be, any and all taxes, charges, or fees or sums whatsoever, which are now or may hereafter be required to be paid or withheld under any laws. Pursuant to Ala. Code §39-1-3 (1975), Contractor shall be reimbursed for any additional severance, sales or uses taxes incurred as a result of an increase in such taxes during performance of the contract.

- J. Shop Drawings and Submittals. The Contractor shall submit shop drawings, samples and submittals depicting or representing the construction of portions of the Project in accordance with the plans and specifications to the Engineer/Architect and if there is no Engineer or Architect on the Project, to the City representative. The Contractor shall pay for or the cost may be withheld from payments to the Contractor for more than two (2) reviews of the shop drawings, samples or submittals or similar element of work by the Engineer, Architect or City representative.
- K. Alabama Immigration Law. By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom, to the extent allowed by Federal law.
- L. Compliance with Affordable Health Care Act. By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal compliance laws pertaining to the Affordable Health Care Act. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom, to the extent allowed by Federal law.
- M. Compliance with Act 2016-312. By signing this contract, the contracting parties affirm, for the duration of the agreement, that they are not currently engaged in, and will not engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which this state can enjoy open trade.

#### ARTICLE II. PAYMENTS, CLAIMS AND CHARGES, ETC.

A.	Cont	ract	Pric	e:	The	City	will	pay	and	the	Cont	ractor	will	accept	in	full c	onsid	leratio	on for	the
perform	nance	of	the	worl	k/Pro	ject,	subj	ect	to	addition	ons a	and	dedu	ctions	(incl	uding	but	not	limited	to
liquidat	ed	dam	nages	s)	as	þ	provide	ed	in	the	con	tract	docı	uments	and	herei	in,	the	sum	of
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and/or in unit prices as shown in Bidder's schedule for the base bid amount of \$												being	the							
amount of the Contractor's bid as awarded by the City.																				

- B. Estimated Quantities and Unit Prices: If award was made in whole or in part based upon unit prices, the Contractor agrees that the prices given in the Proposal are unit prices. The estimated quantities as stated in the Advertisement for Bids and in the Proposal and as indicated on the plans or in other places are approximate only, are subject either to increase or decrease and are only for the purpose of comparing on uniform basis the bids offered for the Project under this contract. The Contractor further agrees that should the quantities of any of the items of the work be increased, he will do the additional work at the unit prices set out in the Proposal and should the quantities be decreased, payment will be made on actual quantities at the unit prices and he will make no claim for anticipated profits for any decrease in the quantities. Actual quantities will be determined upon completion of the Project.
- C. Overtime Work by Contractor: If the Contractor for his convenience and at his own expense should desire to carry on his work at night or outside regular hours, he shall submit written notice to the Engineer/Architect and he shall allow ample time for satisfactory arrangements to be made for inspecting the work in progress. At no time shall the notice be given less than 24 hours before such overtime work is started. The Contractor must obtain, through the Engineer/Architect, the City's approval for work at night, on Saturdays, Sundays or legal holidays. The Contractor shall light the different parts of the Project as required to comply with all applicable federal and state regulations and with all applicable requirements of the City.

Overtime hours shall be considered any hours worked by the Contractor on Saturday, Sunday and legal holidays, which in the Engineer/Architect's opinion requires the Engineer/Architect's resident observers' presence to observe such overtime work. Overtime hours requiring the presence of City inspectors shall be considered any hours worked by the Contractor in excess of eight (8) hours during any working day and/or in excess of forty (40) hours

from Monday through Friday and/or any time on Saturday, Sunday or legal holiday. In general, it should be expected that the Engineer/Architect's resident observer(s) or City's inspectors will be present at all times that the Contractor is working.

If the Contractor elects to schedule and perform overtime work, the Contractor shall pay the City for the City's resident inspector's salary plus costs for each hour of overtime work. Overtime shall be rounded up to the nearest whole hour. This amount shall include the inspector's salary at overtime rate, labor additive, which includes insurance, social security, workmen's compensation, sick pay, paid holidays, vacation pay and his vehicle and equipment. Payment to the City shall be made by a deduction from the Contractor's monthly payment invoice for any overtime worked.

D. Payments on Account/Payments Withheld/Retainage: Upon presentation of a verified application for payment, which shall include a "Contractor's Affidavit of Payment of Debts and Claims," AIA Form G706 or equivalent, then usually by the fifteenth (15th) day of each calendar month or as soon thereafter as is practical, as the Project progresses, the City shall make partial payments to the Contractor of the billable work performed less payments already made and less deductions for any incomplete, unaccepted or defective work. In making partial payments to the Contractor, there shall be retained five (5%) percent of the estimated amount of work done and value of materials stored on the site or suitably stored and insured off-site. Provided; however, after fifty (50%) percent of the Project has been satisfactorily completed, no further retainage will be withheld.

Retainage shall be held until final completion and acceptance of all work covered by the Contract Documents unless escrow or deposit arrangements are agreed to by the City. When maintenance periods are included in the Contract Documents covering highways, bridges or similar structures, such period shall be considered a component part of the contract and retainage will be held until the expiration of such periods.

On completion and acceptance of each separate building, public work or other separately identifiable and complete division of the Project in regard to which a separate price has been stated in the Contract Documents or can be separately ascertained, payment may be made in full including retainage but less deductions. Provided; however, the City will not consider making such payment on any such item of work if it is an integral part of a complete project.

All materials and work covered by partial payments as provided for herein shall become the sole property of the City; provided, however, the Contractor shall not be relieved from the sole responsibility for the care and protection of materials and work upon which payments have been made and for the restoration of any damaged work.

The City may also withhold from time to time from payment to the Contractor such an amount or amounts as may be necessary to pay and fully satisfy all claims and demands for labor and services rendered in and about the Project, including any such amount or amounts due to be paid to or by any subcontractor or supplier, amounts for City's or Engineer/Architect's observers or inspectors for contractors' overtime as herein provided, or for engineering or design services associated with Contractor initiated change orders or submittals in excess of that permitted herein. The Contractor hereby authorizes the City as its agent, to apply such amounts so withheld to the payment of any amount so due to be paid and all other just and lawful claims other than claims for damages for tort. In case of disagreement with reference to any such claim or claims, the City may keep such amounts so withheld on account of such claim or claims until such disagreement is finally settled and determined.

In addition, the City may also withhold payment of the whole or any part of a verified or approved application for payment from the Contractor to such an extent as may be necessary to protect itself from loss on account of any of the following causes discovered subsequent to its verification or approvals:

1. Defective work.

- 2. Evidence indicating probable filing of claims by other parties against the Contractor.
- 3. Failure of the Contractor or subcontractor to promptly make payments to subcontractors or for materials, labor, food stuffs and supplies.
- 4. Damage to another contractor under separate contract with the City.
- 5. Assessment of liquidated damages.

When the above grounds are removed, applications for payment will then be verified and/or approved for amounts not previously verified and approved because of them.

The Contractor shall not attempt to withdraw at any time during the term of this contract or any extensions thereof, without the expressed written consent of the City, the whole or any part of the amounts so retained by the City from payments due the Contractor by the establishment of an escrow account or by depositing securities in lieu thereof, pursuant to Ala. Code §39-2-12(e) or (f), or any amendments thereto or any equivalent law, ordinance or regulation. It is expressly agreed between the parties hereto that should the City elect not to consent to the same, then the Contractor shall not elect to, attempt to or in any manner endeavor to withdraw such retained amounts.

E. Claims for Extra Cost: If the Contractor claims that any instructions by drawings or otherwise involve extra cost or any extension of time, he shall notify the City in writing within ten (10) days after the receipt of such instructions and in any event before proceeding to execute the Project. Thereafter, the procedure shall be the same as that for change orders. No such claim shall be valid unless made in accordance with the terms of this section. There shall be no damages for delay.

Except as otherwise herein provided, no charge for any extra work will be allowed unless the same has been duly authorized in writing by the City and the price stated in such order.

F. **Differing Site Conditions:** If, in the performance of the Contract, subsurface or latent conditions are found to be materially different from those indicated by the plans and specifications, or unknown conditions of an unusual nature are disclosed differing materially from conditions usually inherent in work of the character shown and specified, the Contractor shall immediately notify the Engineer/Architect in writing regarding such conditions but in no event later than forty-eight (48) hours after discovery of such conditions by the Contractor.

The written notice shall describe the conditions, and other pertinent information, in no event shall such notice be later than forty-eight (48) hours before such conditions are disturbed. Upon such notice, or upon such observation of conditions, the Engineer/Architect will promptly make such changes in the plans and/or Specifications as he finds necessary (if any are necessary) to conform to the different conditions, and any increase or decrease in the cost of the Project resulting from such changes may be adjusted as provided under Change Orders or Claims for Extra Cost as set forth in the Contract documents.

G. Change Orders: Change orders shall be allowed only under the following conditions: 1) Minor changes for a total monetary amount less than that required for competitive bidding; or 2) Changes for matters incidental to the original contract necessitated by unforeseeable circumstances arising in the course of work under the contract; or 3) Changes due to emergencies; or, 4) Changes provided for in the original bidding and original Contract Documents as alternates; 5) Changes of relatively minor items not contemplated when the plans and specifications were prepared and the Project was bid and which are in the public interest and generally do not exceed 10 percent of the Contract Price, subject to Alabama Bid Law exceptions.

The Contractor or successful bidder is expected to complete the Project as bid and specified within the financial parameters stated therein. However, if it shall be determined that a change order condition possibly exists in any given case during the performance of the contract, the Contractor shall promptly notify in writing the representative of the City and shall not implement such change until having notified the representative of the City. If the change is minor in the opinion of the representative of the City and does not involve, 1) an adjustment in the

contract sum or construction bid price, or 2) result in extension of the contract time, or 3) a material change in the contract scope of services, then the City representative may authorize the change in writing to the Contractor. The Contractor shall not perform such change until receipt of such written change order.

In the event the change order requested by the Contractor involves, 1) an increase in the contract sum or construction bid price, 2) extend the contract time, or 3) materially change the Contractor's scope of work or services, then the Contractor shall request a change order in writing and present the same to the City representative. The representative of the City, shall determine whether this is a change order which can be allowed and, if so, what exception it would fall under. The representative of the City shall then document the same, attach the same to the Contractor's request for a change order and submit the same with his recommendation to the City Council at its next or any subsequent regularly scheduled Council meeting for approval.

The City reserves the right to institute change orders as the Owner pursuant to the aforesaid terms and conditions.

In no event is a change order to be executed by the Contractor prior to approval thereof by the City, except for emergencies.

- H. **Determination of Adjustment of the Contract Sum:** The adjustment of the Contract Sum resulting from a change in the Work shall be determined by one of the following methods as determined by Owner:
  - 1. By mutual agreement to a lump sum based on or negotiated from an itemized cost proposal from the Contractor.
  - 2. Additions to the Contract Sum shall include the Contractor's direct costs plus a maximum 15% markup for overhead and profit. Where subcontract work is involved, the total mark-up for the Contractor and a subcontractor shall not exceed 25%. No allowance for overhead and profit shall be figured on a change which involves a net credit to the Owner. For the purposes of this method of determining an adjustment of the Contract Sum, "overhead" shall cover the Contractor's indirect costs of the change, such as the cost of bonds, superintendent and other job office personnel, watchman, job office, job office supplies and expenses, temporary facilities and utilities, and home office expenses.
- I. Construction Schedule and Periodical Estimates: Immediately after execution and delivery of the contract and before the first partial payment is made, the Contractor shall deliver to the City and Engineer/Architect and Construction Manager, a construction schedule in a form satisfactory to the City or Construction Manager, which may include CPM for all major trades, showing the proposed dates of commencement and completion of each of the various activities, of work required under the Contract documents, the interrelationship of each activity, sequences, resources for each and the anticipated amount of each monthly payment that will become due the Contractor in accordance with the progress schedule. The Contractor shall also furnish (1) a detailed estimate giving a complete breakdown on the contract price and (2) periodical itemized estimates of the work done for the purpose of making partial payments, however the same will not be considered as fixing a basis for additions to or deductions from the contract price. Scheduling is particularly critical if Contractor is a trade contractor and adherence to the Construction Manager progress schedule is required.

**NOTE:** Depending upon the complexity of the work the City may require CPM or equivalent meeting all criteria above.

J. Sales and Use Tax Savings: Pursuant to the invitation for bids, sales and use taxes are not to be included in the bid. The project will be administered in compliance with the State of Alabama Act 2013-205, Certificate of Exemption from Sales and Use Tax for Governmental Entities, regarding sales and use taxes. The Contractor shall be responsible for obtaining a certificate of exemption from the Alabama Department of Revenue for purchases of

materials and other tangible property made part of the project. Any subcontractors purchasing materials or other tangible personal property as part of the project shall also be responsible for obtaining a certificate of exemption. The estimate sales and use tax saving must be accounted for on the bid proposal. Failure to provide the estimated sales and use tax savings may render the bid as non-responsive. Other than determining responsiveness of the bid, sales and use tax accounting shall not affect the bid pricing nor shall be considered in the determination of the lowest responsible and responsive bidder

#### ARTICLE III. TIME

A. Time for Completion/Delays: The Contractor hereby agrees to commence work under this contract on the date to be specified in a written "Notice to Proceed" of the Engineer/Architect or thirty (30) days from the date of contract execution if no notice is issued, and to fully complete the Project within 120 consecutive calendar days thereafter. If this is a trade contract, then the Contractor shall perform within the time periods and at the times as established by the Construction Manager's approved construction schedule for the project. The Contractor further agrees to pay to the City, liquidated damages for each consecutive calendar day thereafter as hereinafter provided. Time is of the essence and a material element to this agreement.

**NOTE:** When maintenance periods are included in the contract for highways, bridges or similar structures, such periods shall be considered component parts of the contract. To the extent the construction schedule contains "float," the parties agree that the same belongs to the Project and may be utilized by either party.

**Delay:** If the Contractor is delayed at any time in the progress of work by any of the following causes, the Contractor may be entitled to a reasonable extension of time as determined by the City in which to complete the Project. Provided, however, no such delay nor the extension of time if granted shall be grounds for a claim by the Contractor for damages or for additional cost, expenses, overhead or profit or other compensation:

- 1. Fires, abnormal floods, tornadoes or other cataclysmic phenomenon of nature.
- 2. Strikes, embargoes, lockouts, war, acts of public enemy.
- 3. Change orders.
- 4. Acts of performance or delays in performance by other contractors employed by the City or their subcontractors.
- 5. Causes beyond the control of the Contractor.

Provided further, that the Contractor shall immediately give notice in writing to the City and follow extension of time procedures as provided for herein. The City expressly disclaims any liability to Contractor for any cost, expense or damage caused by other contractors, subcontractors or suppliers, including those engaged by the City. The City shall not be liable for damages or cost to the Contractor sustained due to any interference from utilities or appurtenances or from the operations of relocating the same.

B. **Extensions of Time:** All written requests for extensions of time must be submitted to Engineer/Architect within ten (10) days after the occurrence of the cause for delay. The Engineer/Architect shall ascertain the facts and the extent of the delay and shall recommend to the City Council whether it should extend the time for completing the Project. Any extension of time shall be in writing and processed as a change order.

For change orders requesting extensions of time due to rain, wind, flood or other natural phenomenon, the Contractor's written request must be accompanied, at the City's request, by a detailed report of weather at this site for the last ten (10) years with averages showing means and statistical deviations from mean averages to support request for extension.

No extension shall be made for delays due to rain, wind, flood or other natural phenomenon of normal intensity for the locality.

In the event any material changes, alterations, or additions are made as herein specified, which in the opinion of the Engineer/Architect will require additional time for execution of any work under the contract, then in that case, the time of the completion of the Project may be extended through change order. No extensions of time shall be given for any minor changes, alterations or additions. The Contractor shall not be entitled to any reparation or compensation on account of such additional time or extensions of time. To the extent that the construction schedule contains "float," the parties agree that the same belongs to the Project and may be utilized by either party.

C. Right of the City to Terminate Contract: If the Contractor should be adjudged as bankrupt, or if it should make a general assignment for the benefit of its creditors, or if a receiver should be appointed for the Contractor or any of its property, or if it should persistently or repeatedly refuse or fail to supply enough properly skilled workmen or if it should refuse or fail to make prompt payment to persons supplying labor for the Project under the Contract, or persistently disregard instructions of the Engineer/Architect or fail to observe or perform any provisions of the Contract documents, or fail or neglect to promptly prosecute or perform the Project in accordance with the contract documents or otherwise be quilty of a substantial violation of any provision of the Contract documents, then the City may, on giving at least thirty (30) days' written notice to the Contractor, without prejudice to any other rights or remedies of the City in the premises, terminate the Contractor's right to proceed with the Project. In such event, the City may take over the Project and prosecute the same to completion, by contract or otherwise, and the Contractor and its sureties shall be liable to the City for any and all excess cost occasioned to the City thereby, including attorney's fees; and in any such case, the City may take possession of and utilize in completing the Project such appliances and plant of the Contractor or its subcontractors as may be on the site work and necessary or useful thereof. In the event of termination, the same shall not relieve the Contractor nor any of its sureties of their obligation pursuant to this agreement. In the event it becomes necessary for the City to maintain any legal action against the contractor, to enforce its rights herein, the Contractor shall pay the City all expenses associated therewith including a reasonable attorney's fee.

Owner may at any time and for any reason terminate Contractor's services and work at Owner's convenience. Upon receipt of such notice, Contractor shall, unless the notice directs otherwise, immediately discontinue the work and placing of orders for materials, facilities and supplies in connection with the performance of this Agreement. Upon such termination, Contractor shall be entitled to payment only as follows: (1) the actual cost of the work completed in conformity with this Agreement; plus, (2) such other costs actually incurred by Contractor as are permitted by the prime contract and approved by Owner; (3) plus ten percent (10%) of the cost of the work referred to in subparagraph (1) above for overhead and profit.

D. Liquidated Damages: Should the work under this contract not be completed within the time specified, scheduled or as extended, it is understood and agreed that there may be deducted by the City or Engineer/Architect from the partial and/or final payments to the Contractor or otherwise charged to the Contractor, a sum computed at the rate of Two Hundred Dollars (\$200.00) per day beginning from the stated or extended date of completion and continuing for so long as the Project remains incomplete. It is understood and agreed that the above deduction is not a penalty, but money due to reimburse the City/Owner for inconvenience and damage to the general public, due to the delay in the completion of the Project and is reasonable. The collection of liquidated damages by the City shall not constitute an election or waiver by the City of recovery of additional delay or non-delay related damages from the Contractor, and the City expressly reserves the right to recover actual damages for other harms resulting from delay. The provisions of the liquidated damage clause shall apply and continue to apply even if the Contractor terminates or abandons the Project prior to the scheduled completion dates.

The amounts of such liquidated damages and actual damages incurred by reason of failure to complete the work stipulated in the Contract are hereby agreed upon as reasonable estimates of the costs which may be accrued by the City. It is expressly understood and agreed that these amounts are not to be considered in the nature of penalties, but as damages which have accrued against the Contractor. The City shall have the right to deduct such

damages from any amount due, or that may become due the Contractor, or the amount of such damages shall be due and collectible from the Contractor or Surety.

#### ARTICLE IV. WORK AND MATERIALS

A. Cooperation of Contractor: The Contractor shall have available on the job site, at all times, at least one (1) copy of the plans and specifications if prepared for the Project.

He shall give the Project the constant attention necessary to facilitate the progress thereof and shall cooperate with the City, Engineer/Architect and with other Contractors in every way possible. The Contractor shall at all times have a superintendent, capable of acting as his agent on the Project, who shall receive communications from the Engineer/Architect or his authorized representatives or the City's authorized representative. The superintendent shall have full authority to give and execute orders relating to the Project without delay and to promptly supply such tools, plant equipment, materials and labor as may be required.

The City reserves the right to utilize its own forces on the site or those of another contractor and to communicate through its representative directly with the Contractor.

B. Coordination - Trade Contractors: If the supplemental conditions are attached to these general conditions indicating that this Project involves the use of multiple trade or multiple prime contractors under the supervision and direction of a Construction Manager employed by the City, then each such trade contractor shall cooperate and coordinate its construction activities and operations with those of other trade contractors and other entities involved in the Project and included under different sections of the specifications that are dependent upon each other in any manner for proper and correct installation, connection and operation, to assure efficient, prompt, orderly and proper installation of each part of the Project.

When utilizing trade contractors and/or multiple prime contractors under the supervision of Construction Manager cooperation and coordination of activities is extremely important. Refer to the provisions of the supplemental conditions for detailed requirements.

- C. **Superintendence:** The Contractor shall assign to and keep at the Project site competent supervisory personnel. The Contractor shall designate, in writing, before starting work, an authorized representative who shall be an employee of the Contractor and shall have complete authority to represent, to receive notice for, and to act for the Contractor. The Contractor shall not permit or allow any work to be conducted upon the Project site without the presence of supervisory personnel. The Engineer/Architect shall be notified in writing prior to any change in superintendent assignment. Using his best skill and attention, the Contractor shall give efficient supervision to the Project. The Contractor shall be solely responsible for all construction means, methods, techniques, and procedures, for providing adequate safety precautions, and for coordinating all portions of the Project under the Contract. It is specifically understood and agreed that neither the Engineer/Architect nor the City shall not have control or charge of and shall not be responsible for the construction means, methods, techniques, or procedures, or for providing adequate safety precautions in connection with the Project under the Contract.
- D. **Contractor's Tools and Equipment:** The Contractor's tools and equipment used on the Project shall be furnished in sufficient quantity and of a capacity and type that will adequately and safely perform the work specified, and shall be maintained and used in a manner that will not create a hazard to persons or property, or cause a delay in the progress of the Project.
- E. **Furnishing Labor and Equipment**: The Contractor shall furnish and pay for all equipment, labor and supervision, and all such materials as required to be furnished in the Notice to Bidders and as may other-wise be necessary to the completion of the Project and the operation of each construction crew required.

- F. **Employees:** The Contractor shall employ only competent, skillful workers on the Project, and whenever any person shall appear to be incompetent or to act in a disorderly, unsafe improper manner, such person shall promptly be removed from the Project by the Contractor.
- G. **Materials and Appliances:** Unless otherwise stipulated, the Contractor shall provide and pay for all other materials, water, heating, lighting, fuel, power, transportation, machinery, appliances, telephone, sanitary facilities, temporary facilities and other facilities and incidentals necessary for the execution and completion of the Project.

The Contractor warrants to the City and the Engineer/Architect that, unless otherwise specified, all materials and equipment furnished under this contract shall be new, and both workmanship and materials shall be of good quality, free of faults and defects, and in conformance with the Contract Documents. The Contractor shall, if required, furnish satisfactory evidence as to the kind and quality of materials. In selecting and/or approving equipment for installation in the Project, neither the City nor Engineer/Architect assume responsibility for injury or claims resulting from failure of the equipment to comply with applicable federal, state, and local safety codes or requirements, or the safety requirements of a recognized agency, or failure due to faulty design concepts, or defective workmanship and materials. Material and/or equipment damaged by flooding or other causes during the construction period shall be subject to rejection by the Engineer/Architect; reconditioning and/or repairing material and/or equipment is not acceptable.

H. Asbestos and Hazardous Materials: Unless specifically authorized and instructed to the contrary by the City, the Contractor shall not permit, allow, place, install or incorporate into the Project or upon the work site, any hazardous material(s), including, but not limited to, any products or materials that contain asbestos in any quantity. It shall be the responsibility of the Contractor to inspect all materials and products delivered for incorporation or installation in the Project to ensure that they contain no hazardous materials or asbestos. Where the Contractor or any subcontractor has or should have a reasonable suspicion that any product or material contains asbestos or other hazardous material, the Contractor shall immediately inspect the material or product, obtain a product or material data sheet, and notify the City's representative prior to installation or incorporation of the same into the Project. Any product or material determined to contain asbestos or other hazardous material shall be removed from the Project immediately and properly disposed of as required by law. Products or material to which the contractor should pay particular attention to avoid the presence of asbestos incorporated therein include, but are not limited to the following: concrete, batt insulation, roof insulation, building felts, mastics, water proofing products, adhesives, resilient flooring products, ceiling tiles, interior coatings, exterior coatings, roofing, pipe installation, duct installation and preassembled items of equipment.

At the completion of the Project, the Contractor shall submit a duly executed Asbestos Affidavit in the form as attached hereto prior to final payment.

The Contractor is responsible for insuring that all of its employees and subcontractors are adequately trained to handle hazardous materials in accordance with 49 CFR §172(g).

I. Protection of Work and Property: The Contractor shall furnish and install all necessary temporary works for the protection of the Project. The Contractor shall at all times adequately maintain, guard and protect his own work from damage, and safely guard and protect private, commercial, industrial, the City's and others' property from injury or loss arising in connection with this Contract. He shall make good any such damage, injury or loss, except such as may be directly due to errors in the plans or specifications or caused by agents or employees of the City.

The Contractor shall protect all existing vegetation such as trees, shrubs, and grass on or adjacent to the site which are not required to be removed or do not unreasonably interfere with construction, as may be determined by the Engineer/Architect, and be responsible for all cutting or damaging of trees and shrubs or grassed areas, including damage due to careless operation of equipment, stockpiling of materials or equipment.

Care shall be taken by the Contractor in felling trees that are to be removed to avoid any unnecessary damage to vegetation or other trees that are to remain in place. Any limbs or branches unavoidably broken during such operations shall be trimmed with a clean cut and painted with an approved tree priming compound. The Contractor may be required to replace or restore at his own expense all vegetation not protected and preserved, as above required, that may be destroyed or damaged.

The Contractor shall provide and maintain all passageways, guard fences, lights, and other facilities required for protection by federal, state or municipal laws and regulations or local conditions.

The Contractor shall comply with local and state regulations governing the operation of premises which are occupied and shall perform the contract in such a manner as not to interrupt or interfere with the operation of other facilities.

The Contractor shall store his apparatus, materials, supplies, and equipment in such orderly fashion at the site of the Project as will not unduly interfere with the progress of his work or the work of any other contractor.

Necessary crossings of curbings, sidewalks, roadways or parkways shall be protected against damage and any damage shall be repaired by or at the expense of the Contractor.

The Contractor shall not place upon the Project or any part thereof, loads inconsistent with the design or safety of that portion of the Project.

The Contractor shall provide and maintain access to all public and private properties at all times and be responsible for any damage caused by his operation to existing driveways, yards, streets, parking lots, utilities, railroads, etc., and such damage shall be corrected at the Contractor's expense. Roadways authorized closed by State or Local authorities shall be maintained to provide access to all fire, police, and other emergency vehicles and all individuals having private property in the closed area. The Contractor shall notify at least 24 hours in advance the Fire, Police, and Transportation Departments having local jurisdiction, the Owner and any other individuals, businesses, or agencies that may be affected.

J. **Protection of Existing Utilities**. Contractor shall be responsible for any damage to existing structures or the interruption of any utility services which shall be repaired or restored promptly by and at the expense of the Contractor.

To that extent, the Contractor shall provide whatever measures are necessary to properly protect and maintain all existing utilities encountered in the course of the work. The Contractor shall be exclusively responsible to the utility owner for any and all damages to the various utilities caused by the Contractor's actions or lack of actions to adequately protect the same.

The Contractor shall determine the exact location of all existing utilities before commencing work and agrees hereby to be fully responsible and liable for any and all damages which might occur by his failure to exactly locate and/or preserve the location of any and all underground or overhead utilities. The Contractor shall be solely and directly responsible to the utility owner for any and all damages to the various utilities, caused by the Contractor's actions or lack of actions to adequately protect such utilities. If any utilities are to be affected during the course of construction, the Contractor shall so notify the owners thereof at least seventy-two (72) hours prior to any such construction activity. The Contractor shall fully cooperate and coordinate with all utility owners in the event of an interruption to any utility service. The cost for locating, uncovering and protecting underground and/or overhead utilities is included within the Contractor's bid price for various other items of work.

The Contractor shall maintain all storm sewers, drains and/or ditches so that flow is not disturbed or impeded. The Contractor shall protect storm drains, inlets and/or ditches, lawns, landscaping and other facilities, from damage during the testing, and flushing.

K. **Limiting Exposures:** The Contractor shall prosecute the work on the Project to insure that no part of the construction, complete or in progress, is subject to harmful, dangerous, damaging, or otherwise deleterious exposure during the construction period. Where applicable, such exposures include, but are not limited to the following:

Excessive static or dynamic loading Excessive internal or external pressures Excessively high or low temperatures

Thermal shock

Excessively high or low humidity Air contamination or pollution

Water or ice Solvents Chemicals Light

Light Puncture Abrasions

Heavy traffic

Soiling, staining and corrosion

Bacteria

Rodent and insect infestation

Combustion Electrical Current High speed operation Improper lubrication

Unusual wear or other misuse

Contact between incompatible materials

Destructive Testing Misalignment

Excessive weathering Unprotected storage

Improper shipping or handling

Theft Vandalism

The Contractor shall minimize dust and air pollution through the use of water or other devices, require the use of properly operating combustion emission control devices and by encouraging the shutdown of construction vehicles when not in use.

L. Safety: The completed Project shall include all necessary permanent safety devices, such as machinery guards and similar ordinary safety items as may be appropriate or required by law. Further, any feature of the Project (including City-furnished or City-selected equipment) subject to such safety regulations shall be fabricated, furnished, and installed in compliance with these requirements. Contractors and manufacturers of equipment shall be held responsible for compliance with the requirements included herein. Contractors shall notify all equipment suppliers and subcontractors of the provisions of this Article.

In selecting and/or accepting equipment for installation in the Project, neither the City nor Engineer/Architect assume responsibility for any personal injury, property damage, or any other damages or claims resulting from failure of the equipment to comply with applicable safety codes or requirements, or the safety requirements of a recognized agency, or failure due to manufacturer's faulty design concepts, or defective workmanship and materials. The Contractor shall indemnify and hold the City, Program Coordinator, and Engineer/Architect harmless against any and all liability, claims, suits, damages, costs, or expenses without limitation arising out of the installation or use of such equipment.

The Contractor shall take all necessary precautions for the safety of employees on the Project and shall comply with all applicable provisions of federal, state, and municipal safety laws and building codes to prevent accidents or injury to persons on or about or adjacent to the premises where the Project is being performed. He shall erect and properly maintain at all times, as required by conditions, and progress of the Project, all necessary safeguards for the protection of workmen and the public, and shall post danger signs warning against the hazards created by features of construction and the site.

Machinery, equipment and all hazards shall be guarded or eliminated in accordance with the State Accident Prevention in Construction provisions to the extent that such provisions are not in contravention with applicable laws.

The Contractor shall do whatever work is necessary for safety and be solely and completely responsible for conditions of the jobsite, including safety of all persons (including but by no means limited to the public, site personnel, visitors, or employees) and property during the Contract period. The contract period shall include any subsequent warranty or other period associated with Project deficiency or repair and all hours including, and in addition to, normal working hours.

Safety provisions shall conform to the Federal and State Departments of Labor and the Occupational Safety and Health Act (OSHA), and all other applicable federal, state, county, and local laws, ordinances, codes, the requirements set forth herein, and any regulations that may be specified in other parts of these Contract Documents. Where any of these are in conflict, the more stringent requirement shall be followed. The Contractor's failure to thoroughly familiarize himself with the aforementioned safety provisions shall not relieve him from compliance with the obligations and penalties set forth therein.

The Contractor shall at all times provide proper facilities for safe access to the work by authorized government officials (federal, state, county and local) and representatives of the Owner.

M. Traffic Control: The Contractor shall be responsible for traffic control, including plan and devices to the extent the same is required due to work in, upon or in proximity to public right-of-way, streets, roads or vehicular traffic. The traffic control plan and all traffic control devices shall conform at a minimum to the Manual on Uniform Traffic Control Devices for Streets and Highways, Latest Edition, Federal Highway Administration. A copy of which is on file in the office of the City of Tuscaloosa Director of the Department of Transportation for examination. Copies may be obtained from the Alabama Department of Transportation. Should the appropriate public authority determine a greater degree of traffic control is required, then the Contractor shall promptly provide same. The Contractor shall submit a plan to the City Engineer for approval before commencing construction.

Reasonable means of ingress and egress by vehicular and/or pedestrian traffic to property adjacent to the Project shall be maintained at all times. The Contractor shall indemnify and hold the City harmless for any claims or causes of action including but not limited to those for inverse condemnation and/or lost profits arising out of or in any manner associated with access to or the restriction or prevention thereof to adjoining property. Traffic control and erosion control is of paramount importance during the construction of this Project and the terms and conditions in the contract documents in regard to these matters must be strictly adhered to.

- N. Responsibility to Act in Emergency: In case of an emergency which threatens loss or damage to property, and/or safety, the Contractor shall act, without previous instructions from the City or Engineer/Architect, as the situation may warrant. The Contractor shall notify the Engineer/Architect thereof immediately thereafter. Any claim for compensation by the Contractor, together with substantiating documents in regard to expense, shall be submitted to the City through the Engineer/Architect. The claim will be handled in accordance with the provisions for extra work. However, if the emergency is created or aggravated by the Contractor, he shall be liable for the resulting damages. If the Contractor fails to take necessary action as required by such an emergency, the City may assign another Contractor or use his own forces to perform the emergency work. Costs or damages arising from the failure of the Contractor to act in an emergency may be deducted from the Contractor's request for payment.
- O. **Sanitary Regulations:** The Contractor shall provide and maintain such sanitary accommodations for the use of his employees and those of his subcontractors as may be necessary to comply with the requirements and regulations of the local and State Department of Health. At a minimum, necessary sanitary conveniences for the use of the laborers on the work shall be erected and maintained by the Contractor, in such a manner and at such points as shall be approved by the Engineer/Architect. Their use shall be strictly enforced. In the Construction Manager format, the City may provide sanitary accommodations through the Construction Manager.

P. Cutting, Patching, etc.: Unless otherwise stated in the contract documents, the Contractor shall do all necessary cutting, fitting and patching of the Project that may be required to properly receive the work, to make its several parts join together properly, receive and provide for the work of various trades, and be received by the work of other contractors, or as required by drawings and specifications to complete the Project. After such cutting, he shall replace or restore or repair and make good all defective or patched work as required by the Engineer/Architect. He shall not cut, excavate or otherwise alter any work in any manner or by a method or methods that will endanger the Project, adjacent property, workmen, the public or the work of any other contractor. The Contractor shall check the location of all sleeves, openings, slots, etc., for the piping, ducts, breeching, conduits, louvers, grills, fans, etc., as they are laid out on the job.

Provisions for openings, holes and clearances through walls, beams, floors, ceilings and partitions shall be made and checked by the Contractor and/or his subcontractor in advance of constructing such parts of the Project and unnecessary, superfluous or dangerous cutting shall be avoided.

Pipes passing through concrete or masonry walls shall be protected by pipe sleeves two sizes larger than the pipe, plus its installation to provide free movement.

Under no condition shall structural, framing or other parts or members subjected to computed stress be cut or disturbed without the approval of the Engineer/Architect. Any plates, studs or joists, and/or rafters that are approved to be cut to execute necessary work shall be securely strapped and braced to restore their strength by approved methods.

Unless otherwise indicated in Supplemental Conditions, all road crossings and/or driveways cut by the Contractor during the performance of the Project shall be returned to service as soon as possible and replaced or repaired within seven (7) calendar days.

All major thoroughfares must be repaired the same day as cut. The Contractor shall be responsible for the safety and welfare of the traveling public while construction work is being done and until the City accepts the Project.

The Contractor will replace at his own expense, all pipe and accessories that may be broken, damaged, stolen or lost and all materials that may become damaged, lost, stolen or misused.

The Engineer/Architect's approval shall be obtained before cutting or drilling holes in concrete or masonry that tend to damage or weaken the load capacity.

- Q. **Trailers:** With the approval of the City or Engineer/Architect, the Contractor may park trailers or other structures for housing men, tools, machinery and supplies, but they will be permitted only at approved places and their surroundings shall be maintained at all times in a sanitary and satisfactory manner by the Contractor. On or before the completion of the Project, all such trailers or structures shall be removed, unless the City authorizes their abandonment without removal, together with all rubbish and trash, at the expense of the Contractor.
- R. Construction Staking: If necessary, the Engineer or the City will furnish initial lines and grades to establish the initial horizontal and vertical control points and define the beginning and ending points of the Project. The Contractor is responsible for engaging the services of a qualified Engineer or land surveyor to replace and/or reestablish in accordance with the construction plans and/or specs, all construction stakes that are disturbed, displaced or destroyed during construction.

If the Contractor finds any errors or discrepancies with the construction staking or the criteria upon which it is based, he/she shall promptly notify the Owner's representative.

S. **Periodic Cleanup**: The Contractor shall periodically, at least weekly, or as requested during the progress of the Project, clean up and remove from the premises, all refuse, rubbish, scrap materials and debris caused by its employees or its subcontractors resulting from its work, to the end that all times the premises are sanitary, safe, reasonably clean, orderly and workmanlike. Trash and combustible materials shall not be allowed to accumulate inside buildings or elsewhere on the premises. At no time shall any rubbish be thrown from window openings, except during renovations with adequate precautions and into proper receptacles. The Contractor shall comply with all municipal litter and construction site ordinances.

Before the Project is considered as complete, all rubbish created by or in connection with the construction must be removed by the Contractor and the premises left in a condition by the Contractor satisfactory to the City. Street, curbs, crosswalks, pavements, sidewalks, fences and other public and private property disturbed shall be restored to their former condition or better, and final payment will be withheld until such work is finished by the Contractor.

Contractor shall conduct cleaning and disposal operations to comply with local ordinances and anti-pollution laws. No burning or burying of rubbish or waste materials is permitted on the Project site. The Contractor shall dispose of any hazardous material in a safe manner, off site, in accordance with applicable laws and regulations and shall not dispose of volatile or hazardous waste in storm or sanitary sewer drainage ditches, streams or waterways.

Contractor shall periodically wet down dry materials and rubbish to lay dust and prevent blowing dust; and shall provide adequate and approved containers for collection and disposal of waste material, debris and rubbish, removing grease, dust, dirt, stains, labels, fingerprints and other foreign materials from exposed and semi-exposed surfaces.

T. Termite Control. If the Project involves construction of a building or if otherwise specifically required by the City, then the Contractor shall provide soil treatment for termite control under all interior slabs on grade and foundation walls, and as herein specified. Contractor shall also comply with manufacturer's instructions and recommendations for work, including preparation of substrate and application and shall engage a professional pest control operator, licensed in accordance with regulations of governing authorities for application of soil treatment solution and doing business in the state where the Project is located for a minimum of five (5) years.

Contractor shall not apply soil treatment solution until excavating, filling and grading operations are completed, except as otherwise required in construction operations. To insure penetration, the soil treatment will not be applied to frozen or excessively wet soils or during inclement weather. Contractor shall comply with all handling and application instructions of the soil toxicant manufacturer. The type of materials to be used for soil poisoning shall first be submitted to the City for approval.

The soil treatment solution shall be an emulsible concentrate insecticide for dilution with water, specially formulated to prevent infestation by termites. Fuel oil will not be permitted as a dilutant.

Contractor shall strictly comply with the Environmental Protection Agency's (EPA) rules and regulations governing chemicals and their use. Only soil treatment solutions which are not injurious to planting shall be used. Other solutions may be used as recommended by Applicator when acceptable to the EPA, local governing authorities, and the Engineer/Architect.

Contractor shall comply with the following requirements when applying the soil treatment solution:

1. Surface Preparation: Remove foreign matter which could decrease effectiveness of treatment on areas to be treated. Loosen, rake, and level soil to be treated, except previously compacted areas under slabs and foundations. Toxicants may be applied before placement of compacted fill under slabs if recommended by toxicant manufacturer.

- 2. Under slab-on-grade structures, treat soil before concrete slabs are placed using either power sprayer or tank type garden sprayer.
  - (A) Apply 4-gallons of chemical solution per 10 linear feet to soil in critical areas under slab, including entire inside perimeter inside of foundation walls, along both sides at interior partition walls, around plumbing pipes and electric conduit penetrating slab, and around interior column footings.
  - (B) Apply one gallon of chemical solution per 10 sq. ft. as an overall treatment under slab and attached slab areas where fill is soil or unwashed gravel. Apply 1-1/2 gallons of chemical solution to areas where fill is washed gravel or other coarse absorbent material.
  - (C) Apply 4 gallons of chemical solution per 10 linear feet of trench for each foot of depth from grade to footing, along outside edge of building. Dig a trench 6" to 8" wide along outside of foundation to a depth of not less than 12". Punch holes to top of footing at not more than 12" o.c. and apply chemical solution. Mix chemical solution with the soil as it is being replaced in trench.
- 3. Post signs in areas of application warning workers that soil poisoning has been applied. Remove signs when areas are covered by other construction.
- 4. Reapply soil treatment solution to areas disturbed by subsequent excavation or other construction activities following application.

#### U. Erosion Control.

- 1. To the extent there has been issued by the City Engineer a land development permit in accordance with applicable ordinances, the Contractor shall conform to and abide by all terms and conditions of such permit.
- 2. Erosion control measures shall be performed on all disturbed areas in accordance with the BMPP included in the Notice of Intent and with Section 665, Alabama Highway Department Specifications. The CONTRACTOR will perform all erosion control measures necessary to prevent silt and soil from leaving construction area and entering private property or the "Waters of the State." Erosion control measures shall be in strict accordance with <u>Alabama Non Point Source Management Program Document and EPA Storm Water Pollution Prevention for Construction Activities.</u>
- 3. In accordance with Section 665 of Alabama Highway Department Specifications, temporary erosion control work shall involve the construction of temporary berms, dikes, drains, fences, dams, etc. with the use of temporary seeding, mulching, erosion control netting, hay bales, sandbags, check dams, etc., as necessary in order to prevent silt and soil from leaving rights-of-way and entering private property or from washing into drainage structures located on State or County rights-of-way. CONTRACTOR shall mow grassed areas as required during the construction phase of the contract.
- 4. Erosion control measures shall be maintained by the CONTRACTOR through the warranty period of the contract. If additional measures are required to correct problems which might occur, these shall be performed by the CONTRACTOR at no additional cost to the OWNER.
- 5. Materials used for erosion control measures shall be in accordance with Section 665.02 of Alabama Highway Department Specifications and shall include hay bales, sandbags, silt fencing rip rap, crushed stone, mulch or other materials necessary in order to accomplish erosion control.
- V. Wastewater Containment and Management Plan. In accordance with ADEM Consent Order, NPDES permit NO. AL0022713, Tuscaloosa WWTP, Tuscaloosa County (125) dated September 8, 2009 and the "City of Tuscaloosa, Water and Sewer Department Engineering Report and Compliance Plan", December 2009; to the extent that construction activity by the Contractor involves any wastewater infrastructure or construction activities in close proximity to any wastewater infrastructure and/or to any City sanitary sewer assets the Contractor shall submit to the City Engineer, prior to commencing construction, a wastewater containment and management plan (the "Plan"). The Plan shall adequately address the means, methods and techniques to be employed by the Contractor for containing

and transporting wastewater in a sanitary manner without, at any time, permitting the discharge of wastewater into the environment or creating the necessity of a State required sanitary sewer overflow report. The Plan shall be submitted by the Contractor to the Office of City Engineer for review and approval before commencing any construction activity. The City Engineer may waive the requirement of submitting a Plan if he/ she determines that the construction activity to which the Plan would relate does not involve any potential for the discharge of wastewater into the environment or creating the potential for the necessity of a State required sanitary sewer overflow report.

W. Environmental Clause/Covenant. Contractor shall not allow any toxic, hazardous or contaminated substances or gases (including, but not limited to, asbestos and raw materials which include hazardous constituents or any other similar substances or materials which are included under or regulated by any local, state, or federal law, rule or regulation pertaining to environmental regulations, contamination, clean-up or disclosure such as, without limitation, the Comprehensive Environmental Response Compensation and Liability Act of 1980 ("CERCLA"); the Clean Air Act (42 U.S.C. Sec. 7401 et seq.); the Clean Water Act (33 U.S.C. §1251 et seq.); the Resource Conservation and Recovery Act (42 U.S.C. §6901 et seq.); and the Toxic Substances Control Act (42 U.S.C. §2601 et seq.) or state environmental clean-up or disclosure acts and statutes as all such acts and statutes exist now or are hereafter amended (such acts and statutes referred to herein as "Environmental Laws")(such substances or gases referred to herein as 'Hazardous Substances') to be stored, located, or discharged on the premises without specific prior written consent of the City. Contractor shall comply with all Environmental Laws affecting the premises. Contractor covenants to hold the City, its officers, agents and employees harmless from and against any loss, costs, damage or expenses (including attorney's fees and expenses) arising out of the presence of Hazardous Substances (as hereinbefore described) on or about the premises or the violation of any Environmental Laws with respect thereto, the occurrence of which Hazardous Substances on the premises or the violation of any Environmental Laws shall have arisen solely from the acts or omissions of Contractor, its subcontractors, agents, invitees and employees. This indemnity shall survive the termination of this contract and shall inure to the benefit of the City of Tuscaloosa, its successors and assigns.

#### ARTICLE V. INSURANCE, LIABILITY, ETC.

#### A. Contractor's Insurance (Generally):

1. <u>Insurance Required</u>. The Contractor shall not commence work under this contract until it has obtained all insurance required by the Contract documents and such insurance has been accepted by the City. The Contractor shall maintain the required insurance during the term of the contract including any extensions of the term.

Insurance shall be written in comprehensive form by insurance companies rated A- or better by A. M. BEST and shall protect the Contractor and the City against claims for injuries to members of the public (including City employees) or damages to property of others (including City property) arising out of any act of the Contractor or any of its agents, employees or subcontractors and shall cover both on-site and off-site operations under this contract and insurance coverage shall extend to any motor vehicles or other related equipment, irrespective of whether the same is owned, non-owned or hired.

The obtaining and maintaining by Contractor and subcontractors of the insurance required herein does not relieve the Contractor of any responsibilities, obligations or duties to the City pursuant to this contract.

- 2. <u>Additional Insurance</u>. The Contractor shall have an insurance professional review the Contractor's activities in regard to the performance of this contract and the Contractor shall obtain any further or additional insurance or greater limits as recommended by the insurance professional.
- 3. <u>Insurance Limits</u>. Neither the setting of insurance limits or requirements nor the acceptance or approval of the same by the City imply or represent that the limits or the insurance carrier is sufficient or that such insurance actually has been obtained, that being the responsibility of the Contractor.

- 4. <u>Subcontractors</u>. The Contractor shall require all subcontractors to take out and maintain the type of insurance required herein to the extent of their involvement in the Project so as to be adequate to protect against liability. In the event any work under this Contract is performed by a subcontractor(s), the Contractor shall remain responsible for any liability directly or indirectly arising out of the work performed under this Contract, regardless of whether or not such work is covered by the subcontractor's insurance. The Contractor shall not allow any subcontractor to commence work on the project until all similar insurance required of the subcontractor has been obtained. All subcontractors shall maintain required insurance during the term of the contract including any extensions of the term.
- 5. <u>City's Right to Review Coverage</u>. The City shall have the right to inspect and approve Contractor's insurance coverage herein required. Should the City deem it advisable to modify the coverage in any way, it shall so request of the Contractor in writing and should the Contractor fail to modify the coverage, then the City may pay the cost of any increased coverage or take credit for any decreases as may be appropriate. Review or acceptance of insurance by the City or representatives of the City shall not relieve or decrease the responsibility of the Contractor hereunder.
- 6. <u>Waiver of Subrogation</u>. To the extent that the Contractor is required to maintain insurance coverage for loss or damage to property or bodily injury, including Builders Risk All Risk insurance, the insurance must waive and the Contractor hereby waives subrogation of claims against the City, its officers, agents and employees.
- 7. <u>City as Additional Insured.</u> The City shall be named as additional insured, for ongoing and completed operations for up to two (2) years, on the Contractor's and any subcontractor's policies for any claims arising out of work performed under this Contract. The Contractor shall provide the City with a Certificate of Insurance naming the City as an additional insured using ISO for CG 2010 1185 (or a substitute form providing equivalent coverage) or on the combination of ISO forms CG 20 10 07 04 or CG 20 33 07 04 and CG 20 37 07 04 (or a substitute or ISO form providing equivalent coverage) naming the City as an additional insured, giving all parties a 30 day notice of cancellation or intent not to renew the insurance, a waiver of subrogation and list any and all exclusions. The coverage available to the City as an additional insured shall not be less than \$1,000,000 Each Occurrence, \$2,000,000 General Aggregate (subject to a per project general aggregate applicable to the project,), \$2,000,000 Products/completed Operations Aggregate, and \$1,000,000 Personal and Advertising injury limits. Additional insured coverage shall apply as primary, non-contributory, insurance with any other insurance afforded to the City and the Contractor.
- 8. <u>Elevators, Hoist and Cranes</u>. If the Contractor or a subcontractor will utilize in connection with the performance of the work pursuant to this contract an elevator, material hoist, crane or other equipment, or conveyor, then the Contractor shall take out and maintain or require the subcontractor to take out and maintain insurance that shall protect the Contractor and the City against claims for injuries to members of the public (including City employees) or damages to property of others (including City property) arising out of any act of the Contractor or any of its agents, employees or subcontractors resulting from the operation of such elevator, material hoist, crane or other equipment, or conveyor.

#### B. Insurance:

1. <u>Workmen's Compensation Insurance</u>: The Contractor shall take out and maintain during the term or any extensions of this contract Workmen's Compensation Insurance as required by Alabama law for all of its employees employed at the site of the Project or off-sites related to the Project and, in case any work is sublet, the Contractor shall require the subcontractor similarly to provide Workmen's Compensation Insurance for all of the latter's employees unless such employees are covered by the protection afforded by the Contractor.

In case any class of employees engaged in any work under this contract at the site of the Project is not protected under the Workmen's Compensation statute, the Contractor shall provide, and shall cause each subcontractor to provide, adequate accident insurance for the protection of its employees not otherwise protected.

Water or Navigational Exposure; Where work under this contract may trigger the requirement for Federal Longshoreman's and Harbor worker's Act and Federal Jones Act or insurance required by other applicable law or regulations, the Contractor shall obtain the same if required.

- 2. <u>Comprehensive Automobile and Vehicle Liability Insurance</u>: The Contractor shall maintain during the term or any extensions of this contract, comprehensive automobile and vehicle liability insurance. The limits of liability shall not be less than \$1,000,000 combined single limit or equivalent.
- 3. <u>Commercial General Liability Insurance</u>: The Contractor shall maintain during the term or any extensions of this contract, Commercial General Liability Insurance, including officers, agents and employees. The limits of liability shall not be less than \$1,000,000 Each Occurrence, \$2,000,000 General Aggregate (subject to a per project general aggregate applicable to the project), \$2,000,000 Products/Completed Operations Aggregate, and \$1,000,000 Personal and Advertising Injury Limits Combined Single Limit or equivalent.
- 4. <u>Owner's Protective Insurance</u>: For projects with a contract amount of \$500,000.00 or greater, an Owner's Protective Policy is required in the minimum amount of \$1,000,000 each occurrence. Provided; however, the City may require such insurance on projects of lesser amount if an insurance limit amount is stated herein.
- 5. <u>Umbrella Excess Liability Over Primary Insurance</u>: The Contractor shall take out and maintain during the term of this contract, and any extensions thereof, Umbrella Excess Liability Insurance. The minimum limits of coverage shall be as follows:

Each Occurrence	\$ 5,000,000.00
Aggregate	\$ 5,000,000.00

The coverage shall be over the required general liability insurance and automobile liability insurance as a minimum. There shall be no gaps or sublimit deductibles, etc.

- 6. <u>Miscellaneous Insurance</u>: The Contractor shall provide whatever insurance may be required of the City or the Contractor by permits or agreements, etc., with the railroad, highways, or other utilities. The Contractor shall familiarize himself with all insurance requirements contained in easements, permits, and agreements associated with this Project. The Contractor shall provide any Railroad Protective Liability and other General Liability Insurance in the amounts contained in the agreements, permits or easements or in greater amounts if higher limits are appropriate or required elsewhere. The Contractor shall bear the cost of all required insurance and shall include in his bid a sufficient amount to cover the cost of all required insurance. To the extent the City obtains permits or licenses for railroad or highway bores, crossings or other work involved in the Project, the Contractor shall obtain adequate insurance to protect itself and the City.
- 7. <u>Builders Risk All Risk Insurance</u>: To the extent applicable to the Project, the Contractor shall secure and maintain during the life of this Contract, Builder Risk All Risk Insurance coverage for 100 percent of the Contract Price. This insurance shall not exclude coverage for earthquake, landslide, tornado, flood, collapse or loss due to the result of faulty workmanship. Such insurance shall also provide for any damages caused by injury to, or destruction of, tangible property, including loss of use resulting therefrom, and shall pay all losses to the Contractor and the City as their interest may appear.

If this is a trade contract under a construction manager format, the provisions of this subsection shall not apply.

- 8. <u>Proof of Carriage of Insurance</u>: The Contractor shall furnish the City with satisfactory proof of carriage of the insurance required herein, in the form of an insurance certificate or if the City elects in the form of a policy. Insurance shall be in a form satisfactory to the City.
  - (A) The Contractor's and any subcontractor's general liability and automobile liability insurance shall endorse the Owner (City of Tuscaloosa), its officers, agents and employees, as additional insured's for any claims arising out of work performed under this contract.
  - (B) The Contractor's insurance endorsing the Owner and others as additional insured's shall be "primary" and non contributory as to such endorsed insured's.
  - (C) Cancellation: The certificate and policy, as the case may be, shall state that the City shall be given thirty (30) days' written notice of cancellation or any change in the insurance coverage.
  - (D) There shall be a statement that the Contractor and any subcontractors waive subrogation as to the City, its officers, agents, employees and Program Coordinator.
  - (E) There shall be a statement that full aggregate limits apply per job or contract.
  - (F) Agents verification of Contractor's insurance on form provided by the City or equivalent.
  - (G) Insurance shall contain no exclusions for x, c or u.
  - (H) Full aggregate limits must apply per job or contract.
- C. **No Personal Liability of Public Officials:** In carrying out any of the provisions hereof in exercising any authority granted by the Contract, there will be no personal liability upon any public official.
- D. **Indemnity:** To the maximum extent permitted by law, the Contractor shall save harmless, indemnify and defend the City, its officers, agents and employees from and against any and all claims and losses, cost, expense or liability including attorney's fees and litigation costs caused by, arising out of, resulting from, or occurring in connection with the performance of the work by the Contractor or any subcontractor, regardless of the fault, breach of contract, or negligence of the City, its officers, agents or employees excepting only such claims or losses that have been adjudicated to have been caused solely by the negligence of the City and regardless of whether or not the Contractor is or can be named a party in a litigation.

Contractor agrees to indemnify and/or reimburse the City for any fines, violations, charges, suits, or sums of money imposed by the Alabama Department of Environmental Management (ADEM), Environmental Protection Agency (EPA), or any administrative agency on the City of Tuscaloosa for any sewage or contaminate discharged or Wetlands regulations violation as a result of or arising out of the work by the Contractor pursuant to this agreement.

- E. Errors and Omissions. The Contractor does agree to release and hold harmless the City of Tuscaloosa or any of its officers, agents and employees and its Program Coordinator from any damages claimed by the Contractor or subcontractors resulting from or attributable in whole or in part to, errors in or omissions of the plans and specifications, including final drawings of the Engineer/Architect or other design professionals. As to plans, specifications or designs prepared by independent design professionals, the parties agree that any City review or approval thereof was only for overall suitability, maintenance and usability and there are no express or implied warranties by the City as to the adequacy, accuracy, correctness, or code compliance thereof.
- F. Exclusion of Contractor Claims: In performing its obligations, the Engineer/Architect and its consultants may cause expense for the Contractor or its subcontractors and equipment or material suppliers. However, those parties and their sureties shall maintain no direct action against the City or its officers, employees, agents and program coordinator for any claim arising out of, in connection with, or resulting from the Engineering services

performed or required to be performed where such services are performed in good faith to protect the City or the Public.

- G. Inadequate Surety/Insurance. It is further mutually agreed between the parties hereto that if, at any time after the execution of this agreement, any of the surety bonds of the Contractor or subcontractors relating to the Project for its faithful performance shall be deemed by the City to be unsatisfactory, or if for any reason such bond(s) ceases to be adequate to cover the performance of the work or the surety ceases to do business by agent in Tuscaloosa County, Alabama, the Contractor shall, at its expense, within five (5) days after the receipt of notice from the City so to do, furnish an additional bond or bonds in such form and amount and with such surety or sureties as shall be satisfactory to the City. In such event, no further payment to the Contractor shall be deemed to be due under this agreement until such new or additional security for the faithful performance of the work shall be furnished in manner and form satisfactory to the City.
- H. Changes. When changes in the scope of work by written order or change orders aggregate in amount equal to 10 percent of the total contract, including the change order or change orders, the insurance coverage included under this heading shall be increased accordingly by the Contractor. Proof of coverage shall be established by endorsement to the original policy or by re-issue of the original policy to include the added coverage, or in accordance with any other acceptable policy with the insuring company for increasing the coverage.

#### ARTICLE VI. OBSERVATION OF THE PROJECT

A. Generally: The Contractor shall furnish the Engineer/Architect and/or the City's observer with every reasonable facility for ascertaining whether or not the work performed is in accordance with the requirements and intent of the Specifications and Contract Documents. No work shall be done without suitable inspection by the Engineer/Architect's Inspector or the City's observer. Payment for work or failure to reject any defective work shall not in any way prevent later rejection when such defect is discovered, nor obligate the City to final acceptance. All work done when not in accordance with the Plans, specifications and contract will be rejected and, without cost to the City, shall immediately be removed and other work done in accordance therewith by the Contractor. If the Contractor fails to remove the work as above ordered, then the Engineer/Architect shall have the right and authority to stop the Contractor and his work at once and the City may correct the work as herein provided at the cost and expense of the Contractor.

Inspection is not acceptance and shall not constitute acceptance by the City.

The work shall also be subject to inspection by representatives of the City of Tuscaloosa Building Inspection Department.

B. Observation of the Project: The Engineer/Architect, the City and its observers, agents, any agency having jurisdiction, and their representatives shall have access at all times to the Project for inspection whenever it is in preparation or progress, and the Contractor shall provide proper facilities for such access and inspection. The City or the Engineer/Architect may appoint or assign observers, with designated duties and restricted authority, to inspect the Project as may be directed, or to make special observations requested in advance by the Contractor, and to report progress of the Project, and manner of procedure, quality of the material and workmanship, and compliance with the Contract Documents.

Inspection or observation is not acceptance and shall not constitute acceptance by the City.

All materials, workmanship, equipment, processes of manufacture, and methods of construction, shall be subject to inspection, examination, and test by such persons at any and all places where such manufacture and/or construction are being carried on. The Engineer/Architect shall have the right to reject material, workmanship and/or equipment that are defective or otherwise not in accordance with the drawings and Specifications and require its correction by the Contractor. Rejected workmanship shall be satisfactorily corrected, and rejected material shall be

satisfactorily replaced with proper material by the Contractor without charge therefor, and the Contractor shall promptly segregate and remove the rejected material from the premises. Provided; however, neither the presence or absence of such observers nor the giving or failure to give such advice, direction or instruction shall in any manner relieve the Contractor from any contract requirement.

Upon rejection of material and/or workmanship by the Engineer/Architect or the City, there may be occasion where such deficiencies may be corrected more economically and timely through modification of the design versus removal and replacement. In such instances, the Engineer/Architect shall provide design services on behalf of the City necessary for analysis and correction of the rejected work. Costs associated with hourly fees for these professional services shall be paid by the City and deducted from payment to the Contractor based on the actual costs incurred. Prior to beginning any analysis and accrual of associated professional service fees, the Engineer/Architect shall provide the Contractor and City notice in writing of the intent to begin, summary of the scope of work, estimated time to complete, and estimated total fees. Any costs associated with corrective work performed by the Contractor to remedy such deficiencies shall be the sole responsibility of the Contractor.

Neither the City observers nor the Engineer/Architect, will be authorized to revoke, alter, relax, or waive any requirements of the Contract Documents; to issue instructions contrary to the drawings and Specifications; nor shall they supervise and direct work for the Contractor, nor unreasonably interfere with the Contractor's operations beyond the extent necessary to make certain that the Project is being carried out according to the contract requirements.

Any advice which they may give the Contractor shall not be construed as binding the City in any way, nor as releasing the Contractor from any of the contract requirements.

If the Contractor considers any work demanded of it to be outside the contract requirements, or any ruling of the Engineer/Architect or an inspector to be unfair, it may immediately, upon such work being demanded or ruling made, request written instructions from the Engineer/Architect, or inspector, or within ten days file an appeal to the Engineer/Architect or the City, stating clearly and in detail the basis of its objections. However, pending the decision on such appeal no work shall be done in disregard of the rulings of the Engineer/Architect or inspector or his instructions on items of work affected by such appeal.

The Contractor shall furnish promptly, without extra compensation, all reasonable facilities, labor, and material necessary for safe and convenient access, inspection, and tests that may be required by the Engineer/Architect.

C. **Authority and Duties of Observers:** If City or consultant inspectors, whether for the Engineer/Architect or Construction Manager, are being utilized, they shall be authorized and permitted to inspect all work done. The Inspector shall not be authorized to alter or waive any requirements of the Specifications. He shall have authority to call the attention of the Contractor to failure of the work to conform to the specifications and Contract. He may suspend the Project until any questions at issue can be referred to and decided by the Engineer/Architect or the City.

Neither the Engineer/Architect, Inspector, the City or other representatives for the City shall be responsible in any way for construction means, methods or techniques, nor for the safety of the construction work, progress, or employees of the Contractor or any subcontractors, except as set forth in the Construction Manager contract, if applicable.

The presence of the Inspector shall not in any manner lessen the responsibility of the Contractor pursuant to this agreement.

D. Defective Work/Correction of Work by the City: The inspection of the work shall not relieve the Contractor of any of its obligations to fulfill its contract and defective work shall be made good, notwithstanding that such work has been previously inspected by the Engineer/Architect and accepted or estimated for payment. The failure of the Engineer/Architect or inspector to condemn improper workmanship shall not be considered as a waiver of any defect, whether known at the time or discovered later, or as preventing the City at any time subsequently from

recovering damages for work actually defective. All work shall be guaranteed by the Contractor against defects in workmanship for a period of one year from date of final payment.

Upon failure and/or neglect by the Contractor to promptly prosecute or perform the work in accordance with the contract documents, including any requirements with respect to the construction schedule, plans or specifications, the City may, without prejudice to any other remedy it may have, correct such deficiencies and may deduct the actual cost thereof from payment, then or thereafter due to the Contractor.

- E. **Disagreement:** Should any disagreement or difference arise as to the estimated quantities or classifications or as to the meaning of the drawings or specifications, or any point concerning the character, or acceptability or nature of the several kinds of work, or construction thereof, the decision of the Engineer/Architect shall be final and conclusive and binding on the Contractor.
- F. **Stop Work Orders:** During unseasonable weather all work must stop when the Engineer/Architect so directs and all work must be suitably protected by Contractor at all times. However, the Engineer/Architect shall be under no obligation to stop work on the Project. If the Project is stopped, the Contractor shall not be entitled to extra compensation for delays or problems associated with the stoppage.
- G. **Progress Meetings:** The Contractor shall conduct regular progress meetings during the course of the Project at least once a month or more often if requested by the City or Engineer/Architect. The meetings shall be held at a site convenient to all parties and if a site cannot be agreed upon, the City will designate a site.

The Contractor or designated representative, the Contractor's Superintendent, all subcontractors, engineers, inspectors, and the City's representative shall attend.

The Contractor shall keep accurate written minutes of the meetings and forward copies thereof to the Engineer/Architect and the City's representative before the next scheduled meeting.

If a trade contract, progress meetings will be conducted by the Construction Manager, who will keep minutes. All trade contractors shall attend unless excused by the Construction Manager.

#### ARTICLE VII. PROJECT COMPLETION

A. **Substantial Completion:** "Substantial completion" shall be that degree of completion of the Project or a defined portion of the Project, as evidenced by the Engineer/Architect's written notice of Substantial Completion, sufficient to provide the City, at its discretion, the full-time use of the Project or defined portion of the work for the purposes for which it was intended. "Substantial Completion" of an operating facility or operating component of the Project shall be that degree of completion that has provided a minimum of seven (7) continuous days of successful, trouble-free operation in a "fully automatic" manner acceptable to the City and Engineer/Architect and with all redundant systems fully operational. All equipment contained in the Project, plus all other components necessary to enable the owner to operate the facility in the manner that was intended, shall be complete on the substantial completion date.

When the Contractor considers that the Project, or where acceptable to the City, a designated portion thereof is substantially complete, the Contractor shall prepare and submit to the Engineer/Architect a list of items to be completed or corrected and request an inspection for Substantial Completion. The failure by the Contractor to include any items on such list does not alter the responsibility of the Contractor to complete all work in accordance with the Contract Documents. After inspection and/or if an operating facility, after a minimum of seven (7) continuous days of successful, trouble free operation has been achieved during startup, the Engineer/Architect may, at his sole discretion, issue a written notice of substantial completion for the purpose of establishing the starting date for specific equipment guarantees or warranties, and to establish the date that the City will assume the responsibility for the cost of operating such equipment.

Said notice shall not be considered as final acceptance of any portion of the Project or relieve the Contractor from completing the remaining work, including any remaining performance or acceptance testing, within the specified

time and in full compliance with the Contract Documents. Specifically, the issuance of a written notice of Substantial Completion shall not relieve the Contractor of his obligation to promptly remedy any omissions and latent or unnoticed defects in the Project covered by the written Notice of Substantial Completion.

B. **Final Inspection:** Upon notice from the Contractor that its work is complete, the Engineer/Architect and/or other representatives of the City shall make a final inspection of the work or Project and conduct test or tests if applicable. The Engineer/Architect shall notify the Contractor of all apparent and/or visible instances where the Project fails to comply with the plans and specifications and contract documents, as well as any defects he may discover (punch list). The Contractor shall immediately make such alterations as are necessary to make the Project comply with the plans and specifications and to the satisfaction of the Engineer/Architect.

Upon completion of all such repairs in a satisfactory manner, and when the Engineer/Architect has determined that the work or Project is acceptable under the contract, including this provision and after publication of final completion and all other requirements of final payment as provided for in this agreement, then he shall issue a final certificate of payment to the City stating that the balance is due the Contractor, less such amounts as may have been withheld by the City from time to time as provided in the contract documents. In recommending to the City that it make such final payment to the Contractor, the Engineer/Architect shall also issue a certificate of final acceptance wherein he shall recommend to the City that it accept the Project and/or work as final and complete pursuant to the contract documents.

Verification, approval, inspection, final inspection, issuance of final acceptance, issuance of final certificate of payment, action or approval by the City upon the final certificate of payment or final acceptance shall not in any way relieve the Contractor of responsibility for faulty materials or workmanship.

All warranty or guarantee periods shall commence and start to run from the date of substantial completion.

- C. "As Built" Drawings: Unless waived by the City representative, the Contractor must provide to the City a set of "as built" drawings acceptable to the City as a component part of the Project prior to final payment.
- D. **Final Cleanup:** Before final completion and final acceptance, the Contractor shall remove from the City's property or rights-of-ways and from all public and private property, all tools, scaffolding, false work, temporary structures and/or utilities, including the foundations thereof (except such as the City permits in writing to remain); rubbish and waste materials resulting from its operation or caused by its employees; and shall remove all surplus materials, leaving the site clean and true to line and grade, and the Project in a safe and clean condition ready for use and operation. In addition to the above, the Contractor shall be responsible for the following special cleaning for all trades as the Project shall have been completed:
  - 1. Cleaning of all painted, enameled, stained or baked enamel work: removal of all marks, stains, fingerprints and splatters from such surfaces.
  - 2. Cleaning of all glass: cleaning and removing of all stickers, labels, stains and paint from all glass and the washing and polishing of the same on interior and exterior.
  - 3. Cleaning or polishing of all hardware.
  - 4. Cleaning all tile, floor finishing of all kinds; removal of all splatters, stains, paint, dirt, and dust, the washing and polishing of all floors as recommended by the manufacturer or required by the Engineer/Architect.
  - 5. Cleaning of all manufactured articles, materials, fixtures, appliances and equipment; removal of all stickers, rust stains, labels (except instructional and/or safety labels) and temporary covers and cleaning and conditioning of all manufactured articles, materials, fixtures, appliances, electrical, heating and air conditioning equipment as recommended or directed by the manufacturers, unless otherwise required by the Engineer/Architect; blowing out or flushing out of all foreign matter from all dust pockets, piping, tanks, pumps, fans, motors, devices, switches, panels, fixtures, boilers,

similar features; and freeing identification plates on all equipment or excess paint and the polishing thereof.

In the case of failure to comply with the above requirements for any part of the Project within the time specified by the Engineer/Architect, he may cause the work to be done and deduct the cost thereof from the contract price on the next or succeeding application for payment, or in the event that the cost exceeds the balance due the Contractor, bill the Contractor for the excess.

E. **Notice of Completion**: The Contractor shall, immediately after the completion of the Project and acceptance by the Owner as provided for herein, give notice as required by Ala. Code §39-1-1(f) by an advertisement in some newspaper of general circulation published within the city or county wherein the Project has been done for a period of four (4) successive weeks. The advertisement shall advise interested parties to contact both the Contractor and the specific City representative. The City's representative shall be named along with his proper mailing address. In no instance shall a final payment be made upon the contract until the expiration of thirty (30) days after the completion of the notice. Proof of publication of said notice shall be made by the Contractor to the City of Tuscaloosa by affidavit of the Publisher and a printed copy of the notice published.

Provided, however, that the requirements hereinabove stated for notice and advertisement shall not apply to contractors performing contracts of less than Fifty Thousand Dollars (\$50,000.00) in amount and the governing body of the City of Tuscaloosa so as to expedite final payment, shall cause notice of final completion of such contract to be published one time in Tuscaloosa County and shall post notice of final completion on the City of Tuscaloosa's bulletin board for one (1) week and shall require the Contractor to certify under oath that all bills have been paid in full. Final settlement with such Contractor may be made at any time after the notice shall have been posted for one (1) entire week.

NOTE: When maintenance periods are included in the contract for highways, bridges or similar structures, such periods shall be considered component parts of the contract.

- F. **Final Payment:** Upon completion of the Project by the Contractor and acceptance by the City's representatives of all work required of the Contractor for the Project, but not until thirty (30) days after completion of the notice, the amount due the Contractor pursuant to the Contract Documents shall be paid upon the presentation by the Contractor to the City's representative of the following:
  - 1. A properly executed and duly certified voucher for payment, verified by architect, engineer or other City representative, including therewith evidence that all payrolls and all amounts due for labor and materials, other than claims for damages due to tort, have been fully paid and satisfied and there are no outstanding claims or demands associated with the work on the Project.
  - 2. A release of all claims and claims of lien against the City from the Contractor and all major subcontractors (the City may waive the requirement for subcontractor releases) arising under and by virtue of the contract, on the form attached, duly executed by the Contractor and with the consent of the surety. The Contractor may specifically except claims of the Contractor from the operation of the release if specifically excepted therefrom in stated amounts and the reason therefor
    - The Contractor may with the consent of the City representative, if any subcontractor refuses to furnish such a release, furnish a bond with surety satisfactory to the City representative to indemnify against such claims.
  - 3. Proof of publication of notice of completion including affidavit of publisher and a printed copy of the notice so published, as provided by law.
  - 4. In accordance with Ala. Code §39-2-12(c), a non-resident contractor shall satisfy the City that he or she has paid all taxes due and payable to the State, the City and all applicable political subdivisions.

G. Acceptance of Final Payment Constitutes Release: The acceptance by the Contractor of the final payment shall release the City, the Engineer/Architect, as representatives of the City, and their officers, employees, agents, and subconsultants from all claims and all liability to the Contractor for all things done or furnished in connection with the Project, and every act of the City and others relating to or arising out of the work except claims previously made in writing and still unsettled. No payment, however, final or otherwise, shall operate to release the Contractor or his Sureties from obligations under this Contract and the Performance Bond, Payment Bond, and other bonds, warranties and guarantees as herein provided.

#### ARTICLE VIII. WARRANTY AND GUARANTEES

#### A. Warranty and Guarantee:

1. <u>Warranty</u>: The Contractor warrants to the City and the Engineer/Architect that all materials and equipment furnished under this Contract will be new unless otherwise specified and that all work, materials and equipment will be of good quality, free from fault and defects and in conformance with the contract documents. The work must be safe, substantial and durable construction in all respects. All work, materials and equipment not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. Warranties shall commence to run from the date of substantial completion.

The work furnished must be of first quality and the workmanship must be the best obtainable in the various trades. The Contractor hereby guarantees the Project and the work on the Project against defective materials or faulty workmanship for a minimum of one (1) year after final payment by the City and shall replace or repair any defective materials or equipment or faulty workmanship during the period of guarantee at no cost to the City.

- 2. <u>Guarantee</u>: If, within the designated warranty period or if not designated, within one (1) year from the date of substantial completion, any of the work, materials or equipment is found to be defective or not in accordance with the contract documents, the Contractor shall correct it promptly after receipt of written notice from the City to do so, unless the City has previously specifically given the Contractor a written acceptance of such specific condition. This obligation shall survive termination of the Contract. The City shall give such notice promptly after discovery of the condition.
- 3. <u>Roofing Guarantee</u>: If the Project involves a roof on a building or other structure, then the Contractor shall execute and provide the Roofing Guarantee in the form attached hereto. The guarantee shall be delivered to the City and Engineer/Architect prior to final payment.
- 4. <u>Termite Warranty</u>: If the Project involves termite treatment as required in Article IV, then the Contractor shall furnish to the City a written warranty certifying that the applied soil poisoning treatment will prevent the infestation of subterranean termites and that if subterranean termite activity is discovered during the warranty period, Contractor shall re-treat the soil and repair or replace any damage caused by termite infestation. The warranty shall be for a period of five (5) years from the date of treatment signed by Applicator and Contractor.
- B. Correction of Defective Work During Warranty/Guarantee Period: The Contractor hereby agrees to make, at his own expense and no cost to the City, all repairs or replacements necessitated by defects in materials or workmanship, provided under the terms of this Contract, and pay for any damage to other works resulting from such defects, which become evident within 1 year after the date of substantial completion unless substantial completion is established by the Engineer/Architect only for specified items of equipment, or within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents

unless the City has previously given the Contractor a written acceptance of such defects. The Contractor shall promptly correct such defects upon receipt of a written notice from the City to do so. This obligation shall survive the termination of the Contract.

Unremedied defects identified for correction during the warranty period described herein before, but remaining after its expiration, shall be considered as part of the obligations of the warranty. Defects in material, workmanship, or equipment which are remedied as a result of obligations of the warranty shall subject the remedied portion of the Project to an extended warranty period of 1 year after the defect has been remedied.

Repetitive malfunction of equipment shall be cause for equipment replacement and an extension of the guarantee period for the equipment to a date 1 year following acceptable replacement.

The Contractor further assumes responsibility for a similar guarantee for all work and materials provided by subcontractors or manufacturers of packaged equipment components.

The Contractor also agrees to hold the City and the Engineer/Architect and employees harmless from liability or damages, including the Engineer/Architect's and attorneys' fees, and cost and expenses of litigation of any kind arising from damage due to said defects. The Contractor shall make all repairs and replacements promptly upon receipt of written order for same from the City. If the Contractor fails to make the repairs and replacements promptly, or in an emergency where delay would cause serious risk, or loss, or damage, the City may have the defective work corrected or the rejected work removed and replaced, and the Contractor and his Surety shall be liable for the cost thereof. The Contractor during the warranty period shall repair/replace as rapidly as possible any and all equipment, materials, etc., which are found to be defective. Should any items not be repaired/replaced within thirty (30) days from the time it is reported to the Contractor by the City, then the warranty period shall be extended on that item for a period equal to the time that the item has remained defective, incomplete, or inoperable as determined by the City. The Contractor must certify that the item has been corrected.

The City's rights under this Article shall be in addition to, and not a limitation of, any other rights and remedies available by law.

#### ARTICLE IX. LAWS, PERMITS, ETC.

A. Laws and Regulations/Royalties, Patents, Copyrights and Permits and Rights-of-Way: The Contractor shall comply with and keep itself fully informed of all laws, ordinances and regulations of federal, state, City and county in any manner effecting those engaged or employed in the Project, or the materials used in the Project, or in any way affecting the conduct of the Project, and of all orders and decrees of bodies or tribunals having any jurisdiction or authority over same. The Contractor shall possess all permits and licenses required by applicable law, rule or regulation for the performance of the Project. If any discrepancy or inconsistency should be discovered in this contract, or in the drawings or specifications herein referred to, in relation to any law, ordinance, regulation, order or decree, it shall forthwith report the same in writing to the Engineer/Architect. It shall at all times, itself, observe and comply with all such existing and future laws, ordinances and regulations.

The Contractor shall protect and indemnify the City, Engineer/Architect, and their respective employees, officers, subconsultants, and agents against any claim or liability arising from or based on the violation of any such laws, ordinances, or regulations. All permits, licenses, and inspection fees necessary for prosecution and completion of the Project shall be secured and paid for by the Contractor, unless otherwise specified.

The Contractor shall obtain and pay for all licenses and permits and shall pay all fees and charges for connection to outside service and the use of property required for the execution and completion of the Project.

The Contractor shall give all notices and comply with all laws, ordinances, rules, regulations, and code requirements applicable in or bearing on the conduct of the Project unless in conflict with contract requirements. If the Contractor ascertains at any time that any requirements of the Contract is at variance with applicable laws, ordinances, regulations, or building code requirements, it shall promptly notify the Engineer/Architect and any necessary adjustment of the Contract will be made as herein specified under change in orders.

The Contractor shall pay all applicable federal, state and local taxes and assessments on the Project. Wherever the law of the place of building requires a special tax, consumer, use, occupation, or other tax, the Contractor shall pay such tax.

The Contractor shall pay all royalties and license fees. The Contractor shall hold and save the City and its agents and employees harmless from liability of any nature or kind, including costs and expenses, for or on account of any patented or unpatented invention, process, article or appliance manufactured or used in the performance of the contract, including its use by the City.

To the extent that the Project has not been permitted or registered by the Engineer or City, the Contractor shall register or obtain any and all necessary National Pollutant Discharge Elimination System (NPDES) Permits required by USEPA or the Alabama Department of Environmental Management (ADEM) as well as any applicable storm water permits or registration for the construction of the improvements specified in the Contract Documents. The Contractor shall abide by all regulations and conditions relative to the permit or registration and attachments to the permit or registration, including but not limited to sampling and monitoring. The Contractor shall fulfill for the City all the requirements made upon the City by the permit(s) or registration.

The Contractor shall be fully responsible for all aspects of erosion and sediment control. The Contractor shall utilize whatever measures are necessary to prevent pollution or siltation due to his activities. As a minimum, the Contractor shall strictly comply with the erosion control methods referenced in the Alabama Soil and Water Conservation Committee "Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas," latest edition (referred to as the "Alabama Handbook").

If the Contractor has information that any process, article or item specified or delineated by the Engineer/Architect is an infringement of a patent or a copyright, it shall promptly give such information to the Engineer/Architect.

- B. Alabama Department of Transportation Rights-of-Way: If any portion of the Project involves work upon State right-of-way, the Contractor agrees to provide the Alabama Department of Transportation with a bond or certified check in the amount required, made payable to the Alabama Department of Transportation, to guarantee the faithful performance of the provisions of a permit and to guarantee that the Contractor shall maintain the work in a manner suitable to the Alabama Department of Transportation for a period of one (1) year. The Alabama Department of Transportation Bond Form must be used. At the end of one (1) year from the completion of this work, the Department of Transportation will return the certified check or bond to the applicant provided all provisions of this permit have been complied with. Otherwise, the Department of Transportation shall apply the certified check or bond to the cost of repairing the rights-of-way with State forces.
- C. Tuscaloosa County Right-of-Way: If any portion of the Project involves work upon County right-of-way, the Contractor agrees to execute an application and file with Tuscaloosa County a bond or certified check in the amount required, made payable to Tuscaloosa County to guarantee the faithful performance of this provision of this work suitable to the County for a period of one (1) year. At the end of one year from the completion of this work, the County will return the certified check or bond to the applicant provided all provisions of this permit have been complied with. Otherwise, the County shall apply the certified check or bond on the cost of repairing the right-of-way with the County forces.

#### D. Storm Water Permit and Monitoring:

- 1. To the extent that the Project has not been permitted or registered by the Engineer or the City, and the Project is defined as an NPDES Construction Site per ADEM Admin. Code Chapter 335-6-12 (the Rule), the Contractor shall submit to the Alabama Department of Environmental Management (ADEM) a Notice of Registration (NOR) under the Rule for Storm Water Discharges during construction activities.
  - The Contractor shall strictly adhere to all requirements of the NOR and the rule regardless of which party has obtained coverage.
- 2. Compliance with all provisions of ADEM Admin. Code Chapter 335-6-12 and this registration is required, including but not limited to, the preparation and implementation of a Construction Best Management Practices Plan (CBMPP) and any other plans as may be required, the regular maintenance of the Best Management Practices (BMPs) to the maximum extent practicable and the submittal of required reports. As required by the Rule, the Contractor shall retain a Qualified Credentialed Professional (QCP) to prepare the CBMPP and to certify that it was prepared in accordance with the requirements of the "Alabama Handbook" and the Rule.
- 3. This registration neither precludes nor negates an operator's responsibility or liability to apply for, obtain, or comply with other ADEM, federal, state, or local government permits, certifications, licenses, or other approvals.
- 4. The Contractor, unless application for registration has already been made, will be furnished a Storm Water NOR application package when the contract is awarded. The Storm Water NOR application package will include the following:
  - Typical transmittal letter to ADEM.
  - b. NOR applications filled out with Project information.
  - c. Project area map.
  - d. Other data as required by the NOR for Tier 1 waters if applicable.
- 5. The Contractor will complete or furnish the following items and submit to ADEM within five working days of the receipt of the NOR application provided by the Owner.
  - a. Information as outlined in the typical letter of transmittal, to the address indicated on the letter of transmittal, by registered mail or hand deliver.
  - b. The "Alabama Department of Environmental Management (ADEM), Field Operations Division Storm Water Program" Notice of Registration (NOR); NOR shall be signed by a responsible official who is the operator, owner, the sole proprietor of a sole proprietorship, a general/controlling member or partner, or an executive officer of at least the level of vice-president for a corporation. Additionally, the QCP is required to sign the CBMPP certification part of the NOR.
  - c. Determine applicable fee per ADEM Fee Schedule F and make check payable to: Alabama Department of Environmental Management for the NOR and submit to the Alabama Department of Environmental Management with the NOR application.
- 6. Application for the Storm Water Permit shall be made by the Contractor no later than five working days after receipt of application provided by Owner. The Contractor shall not commence any construction activities until ADEM has issued the authorization number for the Project.
- 7. a. Payment will be made to the Contractor for obtaining the storm water NOR as specified herein for the lump sum amount as shown in the bid schedule. If there is no line item for registration, obtaining the NOR shall be considered a subsidiary obligation of mobilization.
  - b. Individual erosion and sediment control items shall be paid for at the unit prices as shown in the bid schedule. Routine inspections will be performed by the Owner's representative or Engineer to verify compliance with the CBMPP and the Rule shall be the Contractor's responsibility and shall be incidental to the storm water registration.
  - c. If no individual erosion and sediment control items are included in the bid schedule the cost of these items shall be incidental to the lump sum amount as shown in the bid

schedule for Storm Water Monitoring and Temporary Erosion and Sediment Control and payment shall be made pro rata as the Project progresses.

E. The Contractor shall perform all work in compliance with and as required by any State, Federal or Local registration, permit or license, the terms and conditions of which are adopted herein by reference. The Contractor agrees to indemnify and hold harmless the City, Engineer, and their respective officers, agents and employees from any fines, penalties, damages, claims, liability or judgment arising out of or in any manner associated with the Contractor's failure to perform work on the Project in strict accordance with all storm water registration, permit or license requirements.

#### ARTICLE X. MISCELLANEOUS CLAUSES

#### A. Notice and Service Thereof:

- 1. All notices, demands, requests, change orders, instructions, approvals and claims shall be in writing. Unless expressly otherwise provided elsewhere in this agreement, any election, notice or other communication required or permitted to be given under this agreement shall be in writing and deemed to have been duly given if provided in accordance with the provisions hereof.
- 2. Any notice to or demand upon the Contractor shall be in writing and shall be sufficiently given if addressed to the Contractor at the address stated herein and deposited in the United States mail in a sealed envelope with sufficient postage prepaid or delivered with charges prepaid to any telegraph company for transmission to the Contractor at such address. It shall also be sufficient if such notice or demand be served upon the Contractor personally or its local representative in charge of the Project or delivered at his local office. The Contractor shall, from time to time, designate to the City in writing any change of address to which such notice or demand shall be sent
- 3. Any notice to or demand upon the City shall be in writing and shall be sufficiently given if delivered to the office of the City's representative or if addressed to the City representative and deposited in the United States mail in a sealed envelope with sufficient postage prepaid or delivered with charges prepaid to any telegraph company for transmission to such representative of the City.
- B. City Representative: The City's representative on this Project is hereby designated as <u>Chris Casey</u> and whose address is <u>2201 University Blvd., Tuscaloosa, AL 35401</u>. All references to Engineer or Architect shall be to the City representative if no Engineer or Architect is involved in the Project.

With a copy to: Glenda Webb, Esquire, City Attorney, Office of the City Attorney City of Tuscaloosa, Post Office Box 2089, Tuscaloosa, Alabama 35403-2089 Telephone: (205) 248-5140, Facsimile: (205) 349-0328

C.	Contractor Representative:	The Contractor's representative on this Project is hereby designated a	S.
	and whose add	ress is	

- **D. Capacity:** Each party to this agreement represents and warrants to the other as follows:
  - 1. That it is an individual of the age of majority or otherwise a legal entity duly organized and in good standing pursuant to all applicable laws, rules and regulations.
  - 2. That each has full power and capacity to enter into this agreement, to perform and to conclude the same including the capacity, to the extent applicable, to grant, convey and/or transfer; areas,

- assets, facilities, properties, (both real and personal), permits, consents and authorizations and/or the full power and right to acquire and accept the same.
- 3. That to the extent required, each party has obtained the necessary approval of its governing body or board and a resolution or other binding act has been duly and properly enacted by such governing body or board authorizing this agreement and said approval has been reduced to writing and certified or attested by the appropriate official of the party.
- 4. That each party has duly authorized and empowered a representative to execute this agreement on their respective behalf and the execution of this agreement by such representative fully and completely binds the party to the terms and conditions hereof.
- 5. That absent fraud, the execution of this agreement by a representative of the party shall constitute a certification that all such authorizations for execution exist and have been performed and the other party shall be entitled to rely upon the same. To the extent a party is a partnership, limited liability company or joint venture, the execution of this agreement by any member thereof shall bind the party and to the extent that the execution of agreement is limited to a manager, managing partner or specific member then the person so executing this agreement is duly authorized to act in such capacity for the party.
- 6. That each party represents and warrants to the other that there is no litigation, claim or administrative action threatened or pending or other proceedings to its knowledge against it which would have an adverse impact upon this transaction or upon either's ability to conclude the transaction or perform pursuant to the terms and conditions of this agreement.
- 7. That each party has obtained any and all required permits, approvals and/or authorizations from third parties to enable it to fully perform pursuant to this agreement.
- 8. Under the provisions of the Constitution and laws of the State of Alabama, each party has the power to consummate the transactions contemplated by this agreement;
- 9. Each party represents and warrants that the execution and delivery of this agreement and the consummation of the transactions contemplated herein will not conflict with, be in violation of, or constitute (upon notice or lapse of time, or both) a default under the laws of the State of Alabama, any resolution, agreement, or other contract agreement, or instrument to which a party is subject, or any resolution, order, rule, regulation, writ, injunction, decree or judgment of any governmental authority or court having jurisdiction over the party.
- 10. This agreement constitutes the legal, valid and binding obligation of each party and is enforceable against each party in accordance with its terms, except in so far as the enforceability thereof may be limited by:
  - (a) Bankruptcy, insolvency or other similar laws affecting the enforcement of creditors' rights
  - (b) General principles of equity, regardless of whether such enforceability is considered as a proceeding at equity or at law.
- 11. Neither party will enter into any agreement to do anything prohibited in this agreement or enter into any agreement or take any action which would in any way impair the ability of the other party to faithfully and fully perform its obligations hereunder.
- 12. Under the provisions of the Constitution and laws of the State of Alabama, each party has the power to consummate the transactions contemplated by this agreement.
- E. Ownership of Contract Documents: The Contract Documents, and copies of parts thereof, are furnished and owned either by the City or the Engineer/Architect. All portions of the Contract Documents, and copies of parts thereof, are the instruments of service for this Project. They are not to be used on other work and are to be returned to the City on request at the completion of the Project. Any reuse of these materials without specific written verification or adaptation by the City will be at the risk of the user and without liability or legal expense to the City or Engineer/Architect. Such user shall hold the City, its officers, agents and employees harmless from any and all damages, including reasonable attorneys' fees, from any and all claims arising from any such reuse. Any such verification and adoption shall entitle the City to further compensation at rates to be agreed upon by the user and the City.

F. No Waiver of Rights: Neither the inspection by the City or the Engineer/Architect or any of their officers, employees, agents, or subconsultants, nor any order by the City for payment of money, nor any payment for, or acceptance of, the whole or any part of the Project by the City or Engineer/Architect, nor any extension of time or change order, nor any possession taken by the City or its employees, or non enforcement of any provision of this agreement by either party shall operate as a waiver of any provision of this agreement, or any power herein reserved to the City, or any right to damages, nor shall any waiver of any breach in this agreement be held to be a waiver of any other or subsequent breach. Acceptance or final payment shall not be final and conclusive with regards to latent defects, fraud, or such gross mistakes as may amount to fraud, or as regards the City's rights under any warranty.

#### G. Subletting or Assigning of Contract:

- Limitations: The Contractor shall not sublet, assign, transfer, convey, sell or otherwise dispose of any portion of the agreement, his obligations, right, or interest therein, or its power to execute such agreement, to any person, firm or corporation without written consent of the City and such written consent shall not be construed to relieve the Contractor of any duty or responsibility for the fulfillment of the agreement. A sale, conveyance or transfer of 50% or more of the stock or ownership of the Contractor shall be considered an assignment. Provided; however, in no event shall any portion of this agreement be assigned to an unsuccessful bidder whose bid was rejected because he or she was not a responsible or responsive bidder. Use of subcontracts up to a combined (total) value of 50 percent of the value of all work will not be construed as an assignment. Unless otherwise stipulated in the proposal or general conditions, the Contractor shall perform, with its own organization, work with the value not less than fifty (50) percent of the value of all work embraced in the contract.
- 2. <u>Subcontractor's Status</u>: A subcontractor shall be recognized only in the capacity of an employee or agent of the Contractor.
- H. Third Party Beneficiaries: It is the intent of the parties hereto that there shall be no third party beneficiaries to this agreement.
- **I. Final Integration**: This Agreement constitutes the entire agreement of the parties, as a complete and final integration thereof with respect to its subject matter. All written or oral understandings and agreements heretofore had between and among the parties are merged into this Agreement, which alone fully and completely expresses their understandings. No representation, warranty, or covenant made by any party which is not contained in this Agreement or expressly referred to herein has been relied on by any party in entering into this Agreement.
- J. Force Majeure: Neither party to this Agreement shall hold the other party responsible for damages or delay in performance caused by acts of God, strikes, lockouts or other circumstances beyond the reasonable control of the other or the other party's employees, agents or contractors.
- **K. Amendment in Writing:** This Agreement may not be amended, modified, altered, changed, terminated, or waived in any respect whatsoever, except by a further agreement in writing, properly executed by all of the parties.
- L. **Binding Effect**: This agreement shall bind the parties and their respective personal representatives, heirs, next of kin, legatees, distributees, successors, and assigns.
- **M.** Captions: The captions of this Agreement are for convenience and reference only, are not a part of this Agreement, and in no way define, describe, extend, or limit the scope or intent of this Agreement.

- **N. Construction:** This Agreement shall be construed in its entirety according to its plain meaning and shall not be construed against the party who provided or drafted it.
- O. Mandatory and Permissive: "Shall", "will", and "agrees" are mandatory; "may" is permissive.
- P. Governing Laws: The laws of the State of Alabama shall govern the validity of this Agreement, the construction of its terms, the interpretation of the rights, the duties of the parties, the enforcement of its terms, and all other matters relating to this Agreement.
- Q. Liability of the City or City Officials. Notwithstanding any provision hereof to the contrary, the parties agree and acknowledge that the liability and obligations of the City, City officials or City employees as set forth herein are subject to the limitations imposed on municipalities by the Constitution and laws of the State of Alabama. No present or future official, officer or employee of the City shall ever be personally liable for the performance of any obligations hereunder.
- **R. Non Discrimination:** The Contractor agrees that in performing the work and services as required herein under this agreement, not to discriminate against any person on the basis of race color, religion, sex, age or disability. (The Contractor shall fully comply with the Americans with Disabilities Act), the Fair Labor Standards Act and all other applicable laws and regulations).
- S. Fines and Penalties: The Contractor shall be solely liable for any and all fines or penalties which may be levied by any governmental authority against the Owner and/or Contractor which are related to the Contractor's operations. The Owner shall deduct the amount of the levied fine or penalty from the Contract amount.
- T. Agreement Date/Counterparts: The date of this Agreement is intended as and for a date for the convenient identification of this Agreement and is not intended to indicate that this Agreement was necessarily executed and delivered on said date. This instrument may be executed in any number of counterparts, each of which so executed shall be deemed an original, but all such counterparts shall together constitute but one and the same instrument.
- **U. Use of Words and Phrases.** The following words and phrases, where used in this document, shall be given the following and respective interpretations: "Herein," "hereby," "hereunder," "hereof," and other equivalent words refer to this document as an entirety and not solely to the particular portion hereof in which any such word is used.

The definitions set forth in any portion of this Agreement unless the text or context indicates differently shall be deemed applicable whether the words defined are herein used in the singular or the plural. Wherever used herein any pronoun or pronouns shall be deemed to include both singular and plural and to cover all genders.

V. Severability. Each provision of this agreement shall be considered to be severable and, if for any reason, any such provision or any part thereof, is determined to be invalid and contrary to any existing or future applicable law, such invalidity shall not impair the operation of or affect those portions of this agreement that are valid, but this agreement shall be construed and enforced in all respects as if the invalid or unenforceable provision or part thereof had been omitted.

IN TESTIMONY WHEREOF, said Contractor has hereto affixed its signature and said City of Tuscaloosa has caused these presents to be executed by Walter Maddox, Mayor of the City of Tuscaloosa, and attested by the

City Clerk, on the day and year first above written, in four counterparts, each of which shall, without proof or accounting for the other, be accepted as an original.

	PARTY OF THE FIRST PART	
ATTEST	Contractor	
	BY: ITS:	
ATTEST:	CITY OF TUSCALOOSA, A MUN CORPORATION/PARTY OF THI PART/CITY, OWNER	NICIPAL
City Clerk	Walter Maddox, Mayor	
	, a Notary Public in and for said , who is named as	State at Large, hereby certify
is signed to the foregoing document, and,  Who is known to me, or	oasis of, or oath/affirmation of	
and that being informed of the contents of the same voluntarily on the day the same bears		vith full authority, executed the
Given under my hand and official	seal this the day of	, 20
My Commission Expires:	Notary	y Public.

STATE OF ALABAMA COUNTY OF TUSCALOOSA	)		
		the State of Alabama, appeared Walter Maddonure is affixed hereto in his capacity as Mayor of th	
Done this the	_ day of	, 20	
		Notary Public in and for the	
		State of Alabama at Large	
My Commission Expires:			

[END OF CONTRACT AGREEMENT OFFICE OF THE CITY ATTORNEY]

Office of the City Attorney Form No. PW-01/ Rev. 05-30-2017

# CITY OF TUSCALOOSA PUBLIC WORKS CONTRACT DOCUMENTS SECTION SIX PERFORMANCE BONDS (2017)

	(2017)
STATE OF ALABAMA ) TUSCALOOSA, COUNTY )	
KNOWN ALL MEN BY THESE PRESENT	S, that we, (hereinafter called the "Surety"), as
as principal and	(hereinafter called the "Surety"), as
surety, do hereby acknowledge ourselves indebted	(hereinafter called the "Surety"), as and firmly bound and held unto the City of Tuscaloosa, Alabama
	ation existing under and by virtue of the laws of the State o
Alabama, for the use and benefit of those entitled th	nereto, in the penal sum of
for the payment of which well and truly be made in	nereto, in the penal sum oflawful money of the United States, we do hereby bind ourselves
our successors and assigns and personal represent	tatives, jointly and severally, firmly by the presents.
BUT THE CONDITION OF THE FOREGO	ING OBLIGATION OR BOND IS THIS:
WHEREAS, the City has entered into a	certain written contract with said Contractor for the
	in accordance with contract documents
therefore on file in the Office of the	in accordance with contract documents in accordance with contract documentsat the price of, to-wit:) as more fully appears in, 20, which contract is ame extent as if set out herein in full.
	(\$) as more fully appears in
said written contract bearing the date of	, 20, which contract is
hereby referred to and made a part hereof to the sa	ame extent as if set out herein in full.
under the said agreement or contract herein before City from all costs and damages whatsoever wh Contractor so to do, and shall fully reimburse and incur in making good any such default, and shall guthis obligation or bond shall be null and void, otherw And, for value received it is hereby stipuladdition to the terms of said agreement or contract accompanying the same shall in any wise affect the	ated and agreed that no change, extension of time, alteration of the work to be performed thereunder or the specifications of the principal or of the surety under this bond, and tension of time, alternative of or addition to the terms of the
	ractor has hereunder affixed its signature and said Surety has be and seal, by its duly authorized officers on the day of
	Principal
	By
	Title
	Surety
ATTEST:	Ву

Title

#### CITY OF TUSCALOOSA PUBLIC WORKS CONTRACT DOCUMENTS

#### SECTION SEVEN LABOR AND MATERIAL BOND (2017)

KNOWN ALL MEN BY THESE PRESENTS, that we,

(hereinafter called the "Contractor") of
as principal and (hereinafter called the
as principal and (hereinafter called the "Surety"), as surety, do hereby acknowledge ourselves indebted and firmly bound and held unto the City of Tuscaloosa, Alabama, (hereinafter called the "City"), a municipal corporation, existing under and by virtue of the Laws of the State of Alabama, for the use and benefit of those entitled thereto, in the penal sum of
(\$) for the payment of which well and truly to be made in lawful money of the
United States, we do hereby bind ourselves, or successors, assigns and personal representatives, jointly and severally, firmly by these presents.
BUT THE CONDITION OF THE FOREGOING OBLIGATION OR BOND IS THIS:
WHEREAS: the City has entered into a certain written contract with said Contractor for the, in accordance with contract documents therefore on file in the Office of the at the price of, to-wit:
(\$
, in accordance with contract documents therefore on file in the Office of the at the price of, to-wit:  as more fully appears in said written contract bearing date of ,20, which contract is hereby referred to and made a part hereof to the same extent as if set out herein in full.
NOW, THEREFORE, if said Principal and all subcontractors to whom any portion of the work provided for in said contract is sublet and all assignees of said Principal and of such subcontractors shall promptly make payment to all persons supplying him or them with labor, foodstuffs, or supplies for or in the prosecution of the work provided for in such contract, or in any amendment or extension of or addition to said contract, and for the payment of reasonable attorney's fees, incurred by the claimant or claimants in suits on said bond, then the above obligation shall be void; otherwise, it shall remain in full force and effect.
PROVIDED, however, that this bond is subject to the following conditions and limitations:
(a) Any person, firm or corporation that has furnished labor, foodstuffs, or supplies for or in the prosecution of the work provided for in said contract, payment for which has not been made, shall have a direct right of action in his or their name or names against the principal and surety on this bond, which right of action shall be asserted in a proceeding, instituted in the county in which the work provided for in said contract is to be performed and in any county in which said Principal or Surety does business. Such right of action shall be asserted in a proceeding instituted in the name of the claimant or claimants for his or their use and benefit against said Principal and Surety or either of them (but not later than one year after the final settlement of said Contract) in which action such claim or claims shall be adjudicated and judgment rendered thereon.
(b) In addition to any other legal mode of service, service of summons and other process in suits on

this bond brought in Tuscaloosa County may be had on the Principal or the Surety in accordance with Title 27, Chapter 3, Section 24 of the Ala. Code (1975) by serving a copy of the summons and complaint or other pleading or process, with the Commissioner of Insurance of the State of Alabama or his/ her designee and the Principal and Surety agree to be bound by such mode of service above described and consents that such service shall be the

same as personal service on the Principal or Surety.

workmer	(c) n's compe	The Sure					or any damages or compensation recoverable under any
any suit,	(d) action or						a greater sum than the penalty of this bond, or subject to than one year after the final settlement of said contract.
		ions of la	w with re	eference t	o this cha	aracter o	of Title 39, Chapter 1, Section 1 of the Ala. Code (1975), of bond as set forth in said section or as may hereinafter nt as if set out herein in full.
	caused		affixed	its corp	orate si		as hereunder affixed its signature and said Surety has e and seal, by its duly authorized officers on the
							Principal
						Ву:	
							Title
						-	Surety
ATTEST	:					Ву:	
					-		Title

STATE OF ALABAMA ) TUSCALOOSA COUNTY ) CITY OF TUSCALOOSA )

	RELEASE OF LIENS AND CLAIMS Engineering Project No.:
the CITY OF TUSCALOOSA, ALABAMA, a Mu	d Claims is made in accordance with that certain contract between nicipal Corporation, (hereinafter the "City") and
	in regard to which the undersigned warrants and certifies to the
City as follows:	
	by the undersigned or any tier of subcontractor or supplier of the lien or suit against the properties of the Contractor or the property of of the City in regard to the Project.
	all claims and indebtedness of every nature in any way connected yrolls, amounts due to subcontractors, accounts for labor performed and judgments.
mentioned contract, the undersigned hereby undersigned may have against the aforesaid preleases and forever discharges the City, its officauses of action whatsoever which the undersignarising out of the above-mentioned contract. T	the undersigned from the City of final payment under the above waives and relinquishes all liens and claims of lien which the property or funds; and further, undersigned also hereby remises, icers, agents and employees, of any and all claims, demands and ned has, might have or could have against the City by reason of or the undersigned further agrees to indemnify and hold the City, its st any and all claims or demands from subcontractors or suppliers
IN WITNESS WHEREOF, the undersign, 20	ed has duly executed this release this the day of
	CONTRACTOR:
	BY:
	TITLE:
theof the	, after being duly sworn, depose and say as follows: That I am
Corporation and hereby certify that I am duly auth	orized to execute this Contractor's Release of Liens and Claims.
corporation and hereby certify that I am duly add	onzed to execute this contractor's recease of Elens and Glaims.
STATE OF ALABAMA ) TUSCALOOSA COUNTY )	CONSENT OF SURETY:
Sworn to and subscribed before me on this	CONSENT OF SOILETT.
the, 20	SURETY
	BY:
Notary Public	ATTORNEY-IN-FACT FOR SURETY

## CITY OF TUSCALOOSA PUBLIC WORKS ROOFING GUARANTEF

General Contractor's Authorized Signature
NAME AND TITLE

### CITY OF TUSCALOOSA ASBESTOS AFFIDAVIT

File No	Engineering Project No.:	
DATE:		
BUILDING OWNER:		_
		<u> </u>
PROJECT:		<u> </u>
TO WHOM IT MAY CONCERN:		
included in the construction of the products, including reviewing produ field. Special care to avoid asbe including, but not limited to, the	that to the best of his knowledge, no products co captioned Project. Special care was exercised uct data sheets, reviewing product labels, and visustos has been used in the selection, purchase, following: concrete, batt insulation, roof insularesilient flooring products, ceiling tiles, interior coating pre-assembled items of equipment.	to avoid asbestos-containing ually verifying products in the and installation of products, tion, building felts, mastics,
Respectfully submitted,		
Signature		
Typed Name	Title	
Firm Name		
Address		
Sworn to and subscribed before me day of		
Notal My Commission Expires:	ry Public. County, State	

	PROJECT NAME
	FILE NO ENGINEERING PROJECT NO CONTRACTOR/INSURED
STATE OF ALABAMA ) TUSCALOOSA COUNTY )	
AGENT'S VERIFIC	CATION OF CONTRACTOR'S INSURANCE
above referenced Project does possess a possess a possess for the Project by the undersigned accontract document as it relates to insurance re	caloosa, Alabama, a Municipal Corporation, that the Contractor in the olicy or policies of insurance reflected on the Certificate of Insurance gency of which I am an authorized representative. I have read the equirements and said Contractor's insurance is effective as of the dates all ratings, limits, and amounts as required by the same.
This the day of	20
	AGENCY:
	BY:
	ITS:

STATE OF ALABAMA TUSCALOOSA COUNTY	)			
TOO NEOD NOON TOO NOON TO	NOTICE OF	CONDITIONAL BID AW. FUSCALOOSA, ALABAN		
TO:	0111 01 1		me:	
		 File Numbe Engineerin	er: g Project Number:	
			hat the City of Tuscaloosa hed upon your proposal of \$	
The above bid at the bid documents:	ward Does Does Not	include the following addi	tive and/or deductive alternates as	requested in
Additive Alter	nates	I	Deductive Alternates	
1	(\$	) 1	(\$	)
			(\$	)
3	(\$	) 3	(\$	)
insurance also as required thirty (30) days after the pr Pursuant to Ala. and evidence of insurance retain all or a part of the present th	I by the bid documents, within escribed forms have been pro- Code §39-2-11 (1975), if you as required by the bid docuproposal guarantee and may	In the period of time stated esented to you for signatuou ou fail to execute the con uments within the period of award the contract to the	d in the bid documents, and present ditherein or, if no period of time is sure.  Itract and furnish acceptable contrated time as set forth, the awarding a second lowest responsible responsing out of its acceptance of your	stated, within act securities uthority may nsive bidder.
DONE this	day of		, 20	
		CITY OF TUSCALOO A MUNICIPAL CORF Post Office Box 208 Tuscaloosa, Alabam	PORATION 9 na 35403-2089	
		By: City's Representativ	re/Engineer/Architect	
		, ,	J	
	ACCE	EPTANCE OF NOTICE		
	e above named contractor, d of the same on this the		of the above notice of conditional bi	d award and
		CONTRACTOR:		

By its:\_\_

STATE OF ALABAMA ) TUSCALOOSA COUNTY ) CITY OF TUSCALOOSA )

### NOTICE TO PROCEED WITH PUBLIC WORKS PROJECT CITY OF TUSCALOOSA, ALABAMA

File No Engin	ct Name: o.: eering Project No.:
TO:	
Pursuant to Ala Code 839-2-10	(1975), you are hereby notified to immediately commence work in full
accordance with the terms and conditio	ons of the Contract Documents in the above referenced Project, dated , on or before, 20, and you are fied therein.
	CITY OF TUSCALOOSA, ALABAMA A MUNICIPAL CORPORATION Post Office Box 2089 Tuscaloosa, Alabama 35403-2089
	By: City's Representative
	ACCEPTANCE OF NOTICE
	contractor, do hereby accept receipt of the above notice to proceed with the ontents of the same on this the day of 20
	CONTRACTOR:
	By Its:

#### CONTRACT CHANGE ORDER NO.

City of Tuscaloosa, Office of the City Attorney

DATE: _	PROJECT:		
FILE NO.	: ENGINEERING PROJECT N	0.:	
TO:			
	(Contra	actor)	
TERMS:		provisions of your Contract for this Project, to make nce with the attached Change Order Request and	
	FURNISH the necessary labor, materials an	nd equipment to:	
	ADDITION OR REDUCTION TO CONTRACT	PRICE:	
•	lumbers in parentheses are deductions).		
ORIGINAL CONTRACT PRICE LESS CONTINGENCY/ALLOWANCE NET ORIGINAL CONTRACT PRICE Net total of previous Change Orders Previous revised Contract Price This Change Order No		\$\$\$\$\$\$	
Extension of time resulting from this Change Order _ days).		(Indicate number of calendar	
The amo	unt of this Change Order will be the responsil	bility of	
related to modificat file any f	this change. By acceptance of this Contraction represents an equitable adjustment to the	al accord and satisfaction for all time and all cost that the Modification, the Contractor hereby agrees that the e Contract, and further, agrees to waive all right to as a result of this change, or the accumulation of	
The Cont	ractor and Owner(s) hereby agree to the term	ns of this Change Order as contained herein.	
	CONSENT OF SURETY	CONTRACTING PARTIES	
	(Company)	(Contractor)	
Ву:		By:(Authorized Representative)	
	RECOMMENDED	CITY OF TUSCALOOSA	
D. a			
ву:		Bv:	
	(Design Engineer or Architect)	By:(Mavor)	

#### CHANGE **ORDER CITY OF TUSCALOOSA REQUEST** OFFICE OF THE CITY ATTORNEY OWNER: CITY OF TUSCALOOSA ARCHITECT/ENGINEER: **CONTRACTOR:** PROJECT: FILE NO.: \_\_\_\_\_ ENGINEERING PROJECT NO.: \_\_\_\_\_ CHANGE ORDER REQUEST NO. DATE: 1. DESCRIPTION OF CHANGE: 2. CHANGE ORDER COSTS: Proposal Attached \_\_\_\_\_ Cost Estimated/Proposal Required Item Quantity Material Labor Labor Sub-Total Unit Price Unit Price Cost (Hours) a. b.

TOTAL:

#### 3. INSTITUTED BY:

d. e.

#### 4. JUSTIFICATION OF NEED:

<sup>\*</sup>If more than 6 items, provide attachments.

5. JUSTIFICATION OF CHANGE ORDER VERSUS COMPETITIVE BIDDING:			
6. COSTS REVIEW:			
	HANGE ORDER IS SUBMITTED FIED AS THE FOLLOWING TYP	FOR REVIEW AND APPROVAL AND IS E:	
	Minor change of a total monetary	value less than required for competitive bidding.	
	Changes for matters relatively minor and incidental to the original contract necessitated by unforeseeable circumstances arising during the course of work.		
	Emergencies arising during the course of work.		
	Change or alternates provided for in the original bidding where there is no difference in price of the Change Order from the original best bid on the Alternate.		
	Change of relatively minor terms not contemplated when the plans and specifications were prepared and the Project was bid and which are in the public interest and do not exceed 10% of the Contract Price.		
3. EXTENS	SION OF TIME REQUESTED: Cale	ndar Days:	
RECOMME	ENDED:	APPROVED:	
BY:	scaloosa's Consulting Engineer/Architect	BY:	
3Y:	City Representative	BY: Owner's Legal Advisor	
	City Representative	Owner's Legal Advisor  BY:  Owner's Authorized Representative	

STATE OF ALABAMA	)
COUNTY OF TUSCALOOSA	)
CITY OF TUSCALOOSA	)

#### LEGAL NOTICE NOTICE OF COMPLETION OF PUBLIC WORKS PROJECT (Over \$50,000)

Pursuant to Ala. Code §39-1-1 (1975), notice is hereby given that
has completed its contract with
(Name of Company)
he City of Tuscaloosa, Alabama, for the
(Name of Project)
ocated at This notice will be (Location of the Project)
(Location of the Project)
oublished for a period of four (4) successive weeks beginning:
(Date)
A final settlement will not be made upon the contract until the expiration of thirty (30) days after
completion of notice. Any person or firm having claims on said Project for materials or labor should
contact the above contractor at:
(Address of Contractor)
n the time and manner as required by law.
CITY OF TUSCALOOSA

CITY OF TUSCALOOSA
OFFICE OF THE CITY ATTORNEY
P. O. BOX 2089
TUSCALOOSA, ALABAMA 35403

DATED:	

#### CITY OF TUSCALOOSA SPECIAL CONDITIONS FOR FEDERALLY FUNDED CONTRACTS

#### I. <u>DEFINITIONS</u>

"Construction Contract" means a contract for construction, rehabilitation, alteration, and/or repair, including painting and decorating.

•	<u>Contractor</u> " means an entity that has entered into an agreement with the nance of specific work on a project or activity, the provision of professional servent and/or materials.	· ·
	"" means	(Federal Agency).
	"Local Government" means the City of Tuscaloosa.	
(Federa	"Program" means the	
in part t	"Projects/Activities" means those undertakings which are included in the Program	n and are funded wholly or
·	"Draiget Arga" magne the cornerate limits of the City of Tuccaloges	

"Project Area" means the corporate limits of the City of Tuscaloosa.

"Subcontractor" means a person, firm or corporation supplying services or labor and materials or only labor or only materials for work at the site of the project, for and under contract or agreement with the Contractor.

#### II. <u>CONFLICT OF INTEREST</u>

- A. <u>Interest of Members of the Local Government</u>. No officer, employee or agent of the local government who exercises any function or responsibilities in connection with the planning and carrying out of the program, or any other person who exercises any functions or responsibilities in connection with the program, shall have any personal financial interest, direct or indirect, in this contract, and the Contractor shall take appropriate steps to assure compliance.
- B. The Contractor agrees that it will incorporate into every subcontract required in writing the following provision: Interest of Contractor and Employees. The Contractor agrees that no person who presently exercises any functions or responsibilities in connection with the program, has any personal financial interest, direct or indirect, in this contract. The Contractor further covenants that he presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of his services hereunder.

The Contractor further covenants that in the performance of this contract no person having any conflicting interest shall be employed. Any interest on the part of the Contractor or his employees must be disclosed to the City. Provided, however, that this paragraph shall be interpreted in such a manner so as not to unreasonably impede the statutory requirement that maximum opportunity be provided for employment of and participation by low income residents of the area.

C. <u>Provisions of the Hatch Act</u>. Neither the funds provided by this agreement nor the personnel employed in the administration of the agreed upon work shall be in any way or to any extent engaged in the conduct of political activities in contravention of Chapter 15 of Title 5, U. S. Code.

- **III. EQUAL OPPORTUNITY REQUIREMENTS:** During the performance of this contract, the Contractor agrees as follows:
- A. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, age, or disability. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, national origin, age, or disability. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment, or recruitment advertising; layoff or termination; rates of pay or other forms of compensations; and selection of training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause.
- B. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, age, or disability.
- C. The Contractor will send to each labor union or representative of workers with which he has collective bargaining agreement or other contract or understanding, a notice advising the said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- D. The Contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- E. The Contractor will furnish to the local government all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the local government, HUD, and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules regulations, and orders.
- F. In the event of the Contractor's non-compliance with the nondiscrimination clauses of this agreement or with any of the said rules, regulations, or orders, this agreement may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further local government contracts in accordance with procedures authorized in Executive Order 11246 of September 24 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the City, Secretary of Labor, or as otherwise provided by law.
- G. The Contractor will include the provisions of paragraph 1 through 6 above in every subcontract or purchase order unless exempted by rules, regulations, or orders of the local government or the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as may be directed as a means of enforcing such provisions, including sanctions for noncompliance: Provided however, that in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the City, the Contractor may request the local government to enter into such litigation to protect the interests of the local government.
- H. The Contractor agrees that it will assist and cooperate actively with the local government and the Secretary of Labor in obtaining the compliance of subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the local government and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the local government in the discharge of its primary responsibility for securing compliance.
- I. The Contractor further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a Contractor debarred from, or who has

not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order. In addition, the agency agrees that if it fails or refuses to comply with these undertakings, the local government may take any or all of the following actions: terminate or suspend in whole or in part this contract; refrain from extending any further assistance to the Contractor under the program with respect to which the failure or refusal occurred until satisfactory assurance of future compliance has been received from such Contractor.

- J. Non-segregated Facilities. The Contractor certifies that he does not maintain or provide for his employees any segregated facilities at any of his establishments and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The Contractor covenants that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he will not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. As used in this paragraph, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise.
- K. No person in the United States shall, on the ground of race, color, religion, sex, or national origin, be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity made possible by or resulting from this contract. The agency and each employer will comply with all requirements imposed by or pursuant to Title VI of the Civil Rights Act of 1964.
- L. The Contractor shall maintain data which records its affirmation action in equal opportunity employment, including but not limited to employment, upgrading, demotions, transfers, recruitment or recruitment advertising, layoffs or terminations, pay or other compensation, and selection for training.

#### IV. LABOR STANDARDS PROVISIONS - CONSTRUCTION CONTRACTS ONLY

#### A. <u>Contract Work Hours and Safety Standards Act</u>

- Overtime Requirements. No Contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any laborer or mechanic in any work-week in which he is employed on such work to work in excess of forty hours in any work-week unless such laborer or mechanic receives compensation at a rate not less than one and one-half times his basic rate of pay for all hours worked in excess of forty hours in any work-week.
- Violations; Liability for Unpaid Wages; Liquidated Damages. In the event of any violation of the clause set forth in subparagraph 1, the Contractor and any subcontractor responsible therefore shall be liable to any affected employee for his unpaid wages. In addition, such Contractor and subcontractor shall be liable to the City for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic employed in violation of the clause set forth in subparagraph 1 in the sum of \$10 for each calendar day on which such employee was required or permitted to work in excess of the standard work-week of forty hours without payment of the overtime wages required by the clause set forth in subparagraph 1.
- Withholding for Unpaid Wages and Liquidated Damages. The local government may withhold or cause to be withheld, from any monies payable on account of work performed by the Contractor or subcontractor, such sums as may administratively be determined to be necessary to satisfy any liabilities of such Contractor or subcontractor for unpaid wages and liquidated damages.

- B. <u>Employment of Certain Persons Prohibited</u>. No person under the age of sixteen years and no person who at the time, is serving sentence in a penal or correctional institution shall be employed on the work covered by this contract.
- C. <u>Complaints, Proceedings, or Testimony by Employees</u>. No laborer or mechanic to whom the labor standards provisions of this contract are applicable shall be discharged or in any other manner discriminated against by the Contractor or any subcontractor because such employee has filed any complaint or instituted or caused to be instituted any proceedings or has testified or is about to testify in any proceedings under or relating to the labor standards applicable under this contract.
- D. <u>Questions Concerning Certain Federal Statutes and Regulations</u>. All questions arising under this contract which relate to the application or interpretation of the aforesaid Contract Work Hours and Safety Standards Act, the regulations issued by the Secretary of Labor, United States Department of Labor, pursuant to said Act, or the labor standards provisions of any other pertinent Federal statute, shall be referred, through the City of Tuscaloosa and the Secretary of Housing and Urban Development, to the Secretary of Labor, United States Department of Labor, for said Secretary's appropriate ruling or interpretation which shall be authoritative and may be relied upon for the purpose of this contract.

#### V. ENVIRONMENTAL PROTECTION REQUIREMENTS

- A. The Contractor hereby agrees that any facility to be utilized in the performance of any nonexempt contract or subcontract shall not be a facility included on the list of Violating Facilities issued by the Environmental Protection Agency (EPA) pursuant to 40 CFR 15.20.
- B. The Contractor also agrees to comply with all the requirements of Section 114 of the Clean Air Act, as amended, (42 USC 1857c-8) and Section 308 of the Federal Water Pollution Control Act, as amended, (33 USC 1318) relating to inspection, monitoring, entry, reports and information, as well as all other requirements specified in said Section 114 and Section 308, and all regulations and guidelines issued thereunder.
- C. As a condition of the award of the contract, the Contractor agrees to give prompt notice to the City of any notification received from the Director, Office of Federal Activities, EPA, indicating that a facility utilized or to be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.
- D. The Contractor agrees that it will include or cause to be included the criteria and requirements in subparagraph A through D of this section in every nonexempt subcontract and that it will take such action as the City or the EPS may direct as a means of enforcing such provisions.
- VI. <u>FINANCIAL MANAGEMENT:</u> The Contractor shall maintain effective control over and accountability for all funds, property, and other assets that are provided for by this agreement. The Contractor shall adequately safeguard all such assets and shall assure that they are used solely for authorized purposes.
- A. <u>Ineligible Costs</u>. In addition to any costs that are ineligible under other criteria included herein the following costs are specifically ineligible:
  - 1. Bad Debts. Any loses arising from uncollected accounts and other claims, and related costs.
  - 2. Contingencies. Contributions to a contingency reserve or any similar provisions for unforeseen events.
  - 3. Contributions and Donations.
  - 4. Entertainment. Costs of amusements, social activities, and incidental costs, such as meals, beverages, lodgings, and gratuities, relating to entertainment.
  - 5. Fines and Penalties. Costs resulting from violations of or failure to comply with Federal, State, and local laws and regulations.

- 6. Interest and Other Financial Costs. Interest on borrowing (however represented), bond discounts, cost of financing and refinancing operations, and legal and professional fees paid in connection herewith.
- 7. Legislative Expenses. Salaries and other expenses of local government bodies such as county supervisors, city councils, school boards, etc., whether incurred for purposes of legislation or executive direction.
- 8. Membership Expenses. Cost of membership in an organization which devotes a substantial part of its activities to influencing legislation.
- 9. Travel. Costs in excess of those allowed by the Contractor for its equivalent employees. In any case, the difference in cost between first-class air accommodations and less-than-first-class air accommodations are not available and is so documented.
- 10. Meeting Attendance. Costs of attending meetings which are not open for attendance on a non-segregated basis.
- B. <u>Property Management Standards.</u> The Contractor's property management standards for non-expendable personal property acquired under this contract shall include the following procedural requirements:
  - 1. Property records shall be maintained accurately and provide for: a description of the property; manufacturer's serial number or other identification number; acquisition data, cost, and source of property; percentage of Federal funds used in the purchase of property; location, use and condition of the property; and ultimate disposition data including sales price or the method used to determine current fair market value.
  - 2. A physical inventory of property shall be taken and the results reconciled with the property records at least once each year to verify the existence, current utilization, and continued need for the property.
  - 3. A control system shall be in effect to ensure adequate safeguards to prevent loss, damage, or theft to the property. Any loss, damage, or theft of non-expendable property shall be investigated and fully documented.
  - 4. Adequate maintenance procedures shall be implemented to keep the property in good condition.

#### C. <u>Procurement St</u>andards

- 1. The Contractor shall maintain a code or standard of conduct which shall govern the performance of its officers, employees, or agents in contracting with and expending grant funds. Local government officers, employees, or agents shall neither solicit nor accept gratuities, favors, or anything of monetary value from Contractors or potential Contractors.
- 2. All procurement transactions regardless of whether negotiated or advertised and without regard to dollar value shall be conducted in a manner so as to provide maximum open and free competition.

#### VII. GENERAL REQUIREMENTS

- A. <u>Retention of Records</u>. All records maintained by the Contractor that pertain to this agreement shall be retained by the Contractor for a period of three years or such longer period as the local government or HUD may require in specific cases.
- B. <u>Reports and Information</u>. The Contractor, at such times as the local government may require, shall furnish such statements, reports, records, data and information, as may be requested pertaining to matters covered by this agreement.

- C. Audit Requirements. The local government, the Comptroller General of the United States, and/or \_\_\_\_\_ (Federal Agency), or any of the duly authorized representatives shall have access to all tasks, accounts, records, reports, files and other papers or property of the Contractor pertaining to funds provided under this agreement for the purpose of making surveys, audits, examinations, excerpts, and transcripts. The Contractor's financial management system shall be audited at least once a year. Audits may be made at less frequency considering the nature, size and complexity of the activity. The Contractor shall implement a systematic method to assure timely and appropriate resolution of audit findings and recommendations.
- D. <u>Breach of Contract Terms and Conditions.</u> In the event of the Contractor's noncompliance with the terms and conditions of this contract or with any of the said rules, regulations or orders, this contract may be canceled, terminated or suspended in whole or in part. Provided, that the right of the Contractor to proceed with this contract shall not be terminated or the Contractor charged with liquidated damages because of delays in the completion of the work due to unforeseeable causes beyond the control and without the fault or negligence of the Contractor, including but not restricted, to acts of God, or of the public enemy, acts of the Government, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather or delays of subcontractors due to such causes, if the Contractor shall within ten days from the beginning of any such delay notify the City in writing of the cause of the delay. The City shall ascertain the facts and the extent of the delay and extend the time for completing the work when, in the City's judgment, the findings of fact justify such an extension, and the City's findings of fact thereon shall be final and conclusive on the parties hereto, subject only to appeal, within thirty days, by the Contractor to the City whose decision on such appeal as to the facts of delay and the extension of time for completing the work shall be final and conclusive on the parties hereto.
- E. <u>Safety Standards</u>. No Contractor or subcontractor contracting for any part of a construction contract shall require any laborer or mechanic employed in the performance of the contract to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health or safety, as determined under construction safety and health standards promulgated by the Secretary of Labor.
- F. <u>Lead-based Paint Regulations</u>. The construction or rehabilitation of residential structures with assistance provided under this contract is subject to the HUD Lead-based Paint regulations, 24 CFR part 35. Should this contract include activities involving the construction or rehabilitation of residential structures, the Contractor hereby agrees to comply with the regulations of 24 CFR part 35.
- G. <u>Subcontracts</u>. The Contractor shall insert in any subcontracts all of the terms and conditions set forth in this contract and also a clause requiring the subcontractors to include these terms and conditions in any lower tier subcontracts which they may enter into, together with a clause requiring this insertion in any further subcontracts that may in turn be made.
- H. <u>Davis-Bacon.</u> As applicable, Contractors shall comply with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR Part 5), the provisions of which are incorporated by reference into this contract as if contained herein.
- I. <u>Debarment of contactors/subcontractors / City's right to monitor.</u> All contracting and subcontracting agencies shall be actively registered in the sam.gov system and have a non-debarred status to perform work. The City of Tuscaloosa shall have all rights to any and all documentation related to the project. Periodic monitoring visits will be performed by City of Tuscaloosa staff to ensure all federal and contract requirements are followed.
- J. <u>Green Building Standard for Replacement and New Construction of Residential Housing.</u> Contractors must meet the Green Building Standard in this subparagraph for: (i) all new construction of residential buildings; and (ii) all replacement of substantially-damaged residential buildings. Replacement of residential buildings may include reconstruction (i.e., demolishing and re-building a housing unit on the same lot in substantially the same manner) and may include chances to structural elements such as flooring systems, columns or load bearing interior or exterior walls. For purposes of this Notice, the Green Building Standard means the contractor will require that all construction covered by subparagraph, above, meet an industry-recognized standard that has achieved certification

under at least one of the following programs (i) ENERGY STAR (Certified Homes or Multifamily High Rise); (ii) Enterprise Green Communities; (iii) LEED (NC, Homes, Midrise, Existing Buildings O&M, or Neighborhood Development); (iv) ICC-700 National Green Building Standard; (v) EPA Indoor AirPlus (ENERGY STAR a prerequisite); or (vi) any other equivalent comprehensive green building program, including regional programs. Standards for rehabilitation of non-substantially-damaged residential buildings: For rehabilitation other than that described in subparagraph, above, contractors must follow the guidelines specified in the HUD CPD Green Building Retrofit Checklist, available on the CPD Disaster Recovery Web site. Contractors must apply these guidelines to the extent applicable to the rehabilitation work undertaken, including the use of mold resistant products when replacing surfaces such as drywall. When older or obsolete products are replaced as part of the rehabilitation work, rehabilitation is required to use ENERGY STAR- labeled, WaterSense labeled, or federal Energy Management Program (FEMP)- designated products and appliances. Implementation: For construction projects completed under construction, or under contract prior to the date that federal assistance was approved for the project the contractor is encouraged to apply the applicable standards to the extent feasible but the Green Building Standard is not required; (ii) for specific which an ENERGY STAR-or-WaterSense-labeled or FEMP-designated product does not exist, the requirement to use such products does not apply. The City encourages contractors to implement green infrastructure policies to the extent practicable.

- VIII. <u>ADECA-FUNDED CONTRACTS:</u> The Contractor shall include the following provisions in all construction contracts funded by the Alabama Department of Economic and Community Affairs (ADECA). For all ADECA-funded construction contracts, in the event the provisions contained in this section conflict with provisions contained elsewhere in this document, the provisions contained in this section shall prevail.
- A. <u>Section 109 Clause, Housing and Community Development Act of 1974.</u> No person in the United States shall on the grounds of race, color, national origin or sex be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity funded in whole or in part with funds made available under this title.
- B. <u>Notice of Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order 11246) (applicable to contract/subcontracts exceeding \$10,000).</u> Contractor's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.

The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Goals for
Minority
Female
Participation
(Insert Goals)
Goals for
Female
Participation
(Insert Goals)

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or Federally assisted) performed in the covered area. If the Contractor performs construction work in a geographic area located outside of the covered area, it shall apply the goals established for such geographic area where the work is actually performed. With regard to this second area, the Contractor also is subject to the goals for both its Federally involved and non-Federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals established for the geographical area where the contract resulting from this solicitation is to be performed. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer

of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the Contract, the Executive Order and the regulations in 41 CFR 60-4. Compliance with the goals will be measured against the total work hours performed.

C. <u>"Section 3" Compliance in the Provision of Training, Employment and Business Opportunities.</u>

- 1. The work to be performed under this Contract is a project assisted under a program providing direct Federal financial assistance from the Department of Housing and Urban Development and is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12, U.S.C. 1701u. Section 3 requires that to the greatest extent feasible, opportunities for training and employment be given lower income residents of the project area and contracts for work in connection with the project be awarded to business concerns which are located in, or owned in substantial part by, persons residing in the area of the project.
- 2. The parties to this Contract will comply with the provisions of said Section 3 and the regulations issued pursuant thereto by the Secretary of Housing and Urban Development set forth in 24 CFR 135, and all applicable rules and orders of the Department issued thereunder prior to the execution of this Contract. The parties to this Contract certify and agree that they are under no contractual or other disability which would prevent them from complying with these requirements.
- 3. The Contractor will send to each labor organization or representative of workers with which he has a collective bargaining agreement or other contract or understanding, if any, a notice advising the said labor organization or workers' representative of this commitment under this Section 3 clause and shall post copies of the notice in conspicuous places available to employees and applicants for employment or training.
- 4. The Contractor will include this Section 3 clause in every subcontract for work in connection with the project and will, at the direction of the applicant for or recipient of Federal financial assistance, take appropriate action pursuant to the subcontract upon a finding that the Subcontractor is in violation of regulations issued by the Secretary of Housing and Urban Development, 24 CFR Part 135. The Contractor will not subcontract with any Subcontractor where it has notice or knowledge that the latter has been found in violation of regulations under 24 CFR Part 135 and will not let any subcontract unless the Subcontractor has first provided it with a preliminary statement of ability to comply with the requirements of these regulations.
- 5. Compliance with the provisions of Section 3, the regulations set forth in 24 CFR Part 135, and all applicable rules and orders of the Department issued hereunder prior to the execution of the Contract, shall be a condition of the Federal financial assistance provided to the project, binding upon the applicant or recipient for such assistance, its successors and assigns. Failure to fulfill these requirements shall subject the applicant or recipient, its contractors and subcontractors, its successors and assigns to those sanctions specified by the grant or loan agreement or contract through which Federal assistance is provided, and to such sanctions as are specified in 24 CFR Part 135.
- D. <u>Section 402 Veterans of the Vietnam Era (if \$10,000 or over)</u>. Affirmative Action for Disabled Veterans and Veterans of the Vietnam Era.
  - 1. The Contractor will not discriminate against any employee or applicant for employment because he or she is a disabled veteran or veteran of the Vietnam era in regard to any position for which the employee or applicant for employment is qualified. The Contractor agrees to take affirmative action to employ, advance in employment and otherwise treat

- qualified disabled veterans and veterans of the Vietnam era without discrimination based on their disability or veteran status in all employment practices such as the following: employment upgrading, demotion or transfer, recruitment, advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.
- 2. The Contractor agrees that all suitable employment openings of the Contractor which exist at the time of the execution of this Contract and those which occur during the performance of this Contract, including those not generated by this Contract and including those occurring at an establishment of the Contractor other than the one wherein the Contract is being performed but excluding those of independently operated corporate affiliates, shall be listed at an appropriate local office of the State employment service system wherein the opening occurs. The Contractor further agrees to provide such reports to such local office regarding employment openings and hires as may be required. State and local government agencies holding Federal contracts of \$10,000 or more shall also list all their suitable openings with the appropriate office of the State employment service, but are not required to provide those reports set forth in paragraphs 4 and 5.
- Listing of employment openings with the employment service system pursuant to this clause shall be made at least concurrently with the use of any other recruitment source or effort and shall involve the normal obligations which attach to the placing of a bona fide job order, including the acceptance of referrals of veterans and non-veterans. The listing of employment openings does not require the hiring of any particular job applicant or from any particular group of job applicants, and nothing herein is intended to relieve the Contractor from any requirements in Executive Orders or regulations regarding nondiscrimination in employment.
- 4. The reports required by paragraph 2 of this clause shall include, but not be limited to, periodic reports which shall be filed at least quarterly with the appropriate local office or, where the Contractor has more than one hiring location in a State, with the central office of that State employment service. Such reports shall indicate for each hiring location (1) the number of individuals hired during the reporting period, (2) the number of nondisabled veterans of the Vietnam era hired, (3) the number of disabled veterans of the Vietnam era hired, and (4) the total number of disabled veterans hired. The reports should include covered veterans hired for on-the-job training under 38 U.S.C.1787. The Contractor shall submit a report within 30 days after the end of each reporting period wherein any performance is made on this Contract identifying data for each hiring location copies of the reports submitted until the expiration of one year after final payment under the Contract, during which time these reports and related documentation shall be made available, upon request, for examination by any authorized representatives of the contracting officer or of the Secretary of Labor. Documentation would include personnel records respecting job openings, recruitment and placement.
- 5. Whenever the Contractor becomes contractually bound to the listing provisions of this clause, it shall advise the employment service system in each State where it has establishments of the name and location of each hiring location in the State. As long as the Contractor is contractually bound to these provisions and has so advised the State system, there is no need to advise the State system of subsequent contracts. The Contractor may advise the State system when it is no longer bound by the contract clause.

- 6. This clause does not apply to the listing of employment openings which occur and are filled outside of the 50 states, the District of Columbia, Puerto Rico, Guam and the Virgin Islands.
- 7. The provisions of paragraphs 2, 3, 4 and 5 of this clause do not apply to openings which the Contractor proposes to fill from within his own organization or to fill pursuant to a customary and traditional employer-union hiring arrangement. This exclusion does not apply to a particular opening once an employer decides to consider applicants outside of his own organization or employer-union arrangement for that opening.
- 8. As used in this clause:
  - "All suitable employment openings" includes, but is not limited to, openings which a. occur in the following .job categories: production and nonproduction; plant and office; laborers and mechanics; supervisory and nonsupervisory; technical; and executive, administrative, and professional openings that are compensated on a salary basis of less than \$25,000 per year. This term includes full-time employment, temporary employment of more than three days' duration, and part—time employment. It does not include openings which the Contractor proposes to fill from within his own organization or to fill pursuant to a customary and traditional employer—union hiring arrangement nor openings in an educational institution which are restricted to students of that institution. Under the most compelling circumstances an employment opening may not be suitable for listing, including such situations where the needs of the Government cannot reasonably be otherwise supplied, where listing would be contrary to national security, or where the requirement of listing would otherwise not be for the best interest of the Government.
  - b. "Appropriate office of the State employment service system" means the local office of the Federal-State national system of public employment offices with assigned responsibility for serving the area where the employment opening is to be filled, including the District of Columbia, Guam, Puerto Rico and the Virgin Islands.
  - c. "Openings which the Contractor proposes to fill from within his own organization" means employment openings for which no consideration will be given to persons outside the Contractor's organization (including any affiliates, subsidiaries, and the parent companies) and includes any openings which the Contractor proposed to fill from regularly established "recall" lists.
  - d. "Openings which the Contractor proposes to fill pursuant to customary and traditional employer-union hiring arrangements" means employment openings which the Contractor proposes to fill from union halls, which is part of the customary and traditional hiring relationship which exists between the Contractor and representatives of his employees.
- 9. The Contractor agrees to comply with the rules, regulations and relevant orders of the Secretary of Labor issued pursuant to the Act.
- 10. In the event of the Contractor's non-compliance with the requirements of this clause, actions for non-compliance may be taken in accordance with the rules, regulations and relevant orders of the Secretary of Labor issued pursuant to the Act.
- 11. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices in a form to be prescribed by the Director, provided by or through the contracting officer. Such notice shall state the Contractor's obligation under

- the law to take affirmative action to employ and advance in employment qualified disabled veterans and veterans of the Vietnam era for employment, and the rights of applicants and employees.
- 12. The Contractor will notify each labor union or representative of workers with which it has a collective bargaining agreement or other contract understanding, that the Contractor is bound by the terms of the Vietnam Era Veterans Readjustment Assistance Act, and is committed to take affirmative action to employ and advance in employment qualified disabled veterans and veterans of the Vietnam era.
- 13. The Contractor will include the provisions of this clause in every subcontract or purchase order of \$10,000 or more unless exempted by rules, regulations or orders of the Secretary issued pursuant to the Act, so that such provisions will be binding upon each Subcontractor or vendor. The Contractor will take such action with respect to any subcontractor or purchase order as the Director of the Office of Federal Contract Compliance Programs may direct to enforce such provisions, including action for noncompliance.
- E. <u>Certification of Compliance with Air and Water Acts (applicable to Federally assisted construction contracts and related subcontracts exceeding \$100,000).</u> Compliance with Air and Water Acts. During the performance of this Contract, the Contractor and all Subcontractors shall comply with the requirements of the Clean Air Act, as amended, 42 USC 1857 et seg., the Federal Water Pollution Contract Act, as amended, 33 USC 1251 et seq., and the regulations of the Environmental Protection Agency with respect thereto, at 40 CFR Part 15, as amended. In addition to the foregoing requirements, all nonexempt Contractors and Subcontractors shall furnish to the Owner, the following:
  - 1. A stipulation by the Contractor or Subcontractors that any facility to be utilized in the performance of any nonexempt contract or subcontract is not listed on the List of Violating Facilities issued by the Environmental Protection Agency (EPA) pursuant to 40 CFR 15.20.
  - 2. Agreement by the Contractor to comply with all the requirements of Section 114 of the Clean Air Act, as amended, (42 USC 1857c-8) and Section 308 of the Federal Water Pollution Control Act, as amended, (33 USC 1318) relating to inspection, monitoring, entry, reports and information, as well as all other requirements specified in said Section 114 and Section 308, and all regulations and guidelines issued thereunder.
  - A stipulation that as a condition for the Contract, prompt notice will be given of any notification received from the Director, Office of Federal Activities, or EPA indicating that a facility utilized, or to be utilized for the Contract, is under consideration to be listed on the EPA List of Violating Facilities.
  - 4. Agreement by the Contractor that he will include, or cause to be included, the criteria and requirements in paragraphs A through D of this section in every nonexempt subcontract and requiring that the Contractor will take such actions as the Government may direct as a means of enforcing such provisions.
- F. <u>Compliance with Copeland Act Requirements.</u> The contractor shall comply with the requirements of 29 CFR Part 3 which are incorporated by reference in this contract.
- G. <u>Drug-Free Workplace Requirements.</u> The Drug-Free Workplace Act of 1988 (42 U.S.C. 701) requires grantees (including individuals) of federal agencies, as a prior condition of being awarded a grant, to certify that they will provide drug-free workplaces. Each potential recipient must certify that it will comply with drug-free workplace requirements in accordance with the Act and with HUD's rules at 24 CFR part 24, subpart F.

- H. <u>Byrd Anti-Lobbying Amendment (31 U.S.C. 1352).</u> Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.
- IV. DISASTER RECOVERY FUNDED CONTRACTS: \_\_\_ The Contractor shall include the following provisions in all Disaster Recover (DR) funded construction contracts. For all DR-funded construction contracts, in the event the provisions contained in this section conflict with provisions contained elsewhere in this document, the provisions contained in this section shall prevail.
- A. The Contractor agrees to abide by all applicable Federal regulations in receiving, disbursing and accounting for Community Development Block Grant funds including, but not limited to all applicable sections of 24 CFR 570.
- B. <u>ADA Compliance</u>. The Contractor hereby covenants and agrees that, in performing its responsibilities and obligations hereunder, the Contractor, its officers, agents or employees will not, on the grounds of race, color, sex, religion, national origin, disability or age, discriminate or permit discrimination against any person or groups of persons in any manner. The Contractor further agrees to comply with all applicable State and Federal ordinances and regulations, including but not limited to, the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADA), the Civil Rights Act of 1964 and any regulations promulgated there under.
- Section 3 Compliance. The work to be performed under this contract is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (Section 3). The purpose of section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by section 3, shall, to the greatest extent feasible, be directed to low- and very lowincome persons, particularly persons who are recipients of HUD assistance for housing. The parties to this contract agree to comply with HUD's regulations in 24 CFR Part 135, which implement section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the part 135 regulations. Contractor agrees to send to each labor organization or representative of workers with which the Contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the Contractor's commitments under this section 3 clause, and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the section 3 preference, shall set forth minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin. Contractor agrees to include this section 3 clause in every subcontract subject to compliance with regulations in 24 CFR Part 135, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR Part 135. Contractor will not subcontract with any subcontractor where the Contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR Part 135. Contractor will certify that any vacant employment positions, including training positions, that are filled (1) after Contractor is selected by before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR part 135 require employment opportunities to be directed, were not filled to circumvent the Contractor's obligations under 24 CFR part 135. Noncompliance with HUD's regulations in 24 CFR Part 135 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.

- D. <u>Section 109 Compliance.</u> No person in the United States will, on the ground of race, color, national origin, religion, or sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity administered of provided under this Agreement, pursuant to Section 109 of title I of the Housing and Community Development Act of 1974 (Title I) (42 U.S.C. 5309).
- E. <u>Section 402 Compliance.</u> Contractors and subcontractors shall take affirmative action to employ and advance in employment qualified covered veterans. Disabled veterans, recently separated veterans (veterans within 3 years of their discharge or release from active duty), veterans who served on active duty during a war or in a campaign or expedition for which a campaign badge has been authorized (referred to as "other protected veterans"), and Armed Forces service medal veterans are covered veterans under VEVRAA, pursuant to the Vietnam Era Veterans' Readjustment Assistance Act of 1974, as amended (VEVRAA).
- F. <u>Copeland Anti-Kickback Act Compliance.</u> Pursuant to The Copeland "Anti-Kickback" Act, 40 USC §3145 and 18 USC §874, no contractor or subcontractor operating under this agreement shall induce an employee to give up any part of the compensation to which he or she is entitled under his or her contract of employment. Contractors and subcontractors shall submit a weekly statement of the wages paid to each employee performing on covered work during the preceding payroll period.
- G. <u>Affirmative Action.</u> During the performance of this contract, the contractors and subcontractors operating under this agreement shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Contractors and subcontractors operating under this agreement shall comply with Affirmative Action laws and regulations to ensure equal employment opportunities, including, but not limited to 41 CFR Part 60-1; 41 CFR Part 60-2; 41 CFR Part 60-250; 41 CFR Part 60-741; compliance with E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity."
- H. <u>Compliance with Goals for Minority and Female Participation.</u> The City of Tuscaloosa has voluntarily adopted a Minority / Disadvantaged Business Enterprise ("MBE/DBE/WBE") Program designed to encourage the participation and development of minority and disadvantaged business enterprises and to promote equal business opportunities to the fullest extent allowed by state and federal law. It is the intent of the City to foster competition among contractors, suppliers, and vendors that will result in better quality and more economical services rendered to the City. Under this policy, the City of Tuscaloosa has established a goal of ten to twenty percent (10-20%) inclusion of minority and disadvantaged business enterprises for all services required to deliver City projects. In no case shall the stated percentage be the determining factor in contract awards. Rather, contractors must demonstrate a good faith effort to attain the desired percentage goal. The Developer is encouraged to adopt corresponding goals to those of the City's Minority / Disadvantaged Business Enterprise ("MBE/DBE/WBE") Program.
- I. <u>Compliance with Environmental Laws; including The Clean Air Act and Clean Water Act.</u> Contractors and subcontractors operating under this agreement shall be responsible for ensuring compliance with Federal, State, or local pollution control laws and related requirements, including but not limited to the Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251 et seq.). If a contracting officer becomes aware of noncompliance with clean air or water standards in facilities used in performing nonexempt contracts, that contracting officer shall notify the agency head, or a designee, who shall promptly notify the EPA Administrator or a designee in writing.
- J. <u>Byrd Anti-Lobbying Agreement.</u> Contractors operating under this agreement shall file the required certification under the Byrd Anti-Lobbying Amendment (31 U.S.C. 1352). Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

#### **Federal Labor Standards Provisions**

#### U.S. Department of Housing and Urban Development Office of Labor Relations

#### Applicability

The Project or Program to which the construction work covered by this contract pertains is being assisted by the United States of America and the following Federal Labor Standards Provisions are included in this Contract pursuant to the provisions applicable to such Federal assistance.

A. 1. (i) Minimum Wages. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under Section I(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of 29 CFR 5.5(a)(1)(iv); also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under 29 CFR 5.5(a)(1)(li) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible, place where it can be easily seen by the workers.

(II) (a) Any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. HUD shall approve an additional classification and wage rate and fringe benefits therefor only when the following criteria have been met:

- (1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
- (2) The classification is utilized in the area by the construction industry; and
- (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (b) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and HUD or its designee agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by HUD or its designee to the Administrator of the Wage and Hour Division. Employment Standards Administration, U.S. Department of Labor, Washington, D.C. 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB control number 1215-0140.)
- (c) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and HUD or its designee do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), HUD or its designee shall refer the questions, including the views of all interested parties and the recommendation of HUD or its designee, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)
- (d) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs (1)(ii)(b) or (c) of this paragraph, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.
- (III) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.
- (IV) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part

form HUD-4010 (06/2009) ref. Handbook 1344.1

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of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

- 2. Withholding. HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract in the event of failure to pay any laborer or mechanic, including any apprentice, trainee or helper, employed or working on the site of the work, all or part of the wages required by the contract, HUD or its designee may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased. HUD or its designee may, after written notice to the contractor, disburse such amounts withheld for and on account of the contractor or subcontractor to the respective employees to whom they are due. The Comptroller General shall make such disbursements in the case of direct Davis-Bacon Act
- 3. (i) Payrolls and basic records. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in Section I(b)(2)(B) of the Davis-bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5 (a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section I(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been

communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs. (Approved by the Office of Management and Budget under OMB Control Numbers 1215-0140 and 1215-0017.)

- (ii) (a) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to HUD or its designee if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant sponsor, or owner, as the case may be, for transmission to HUD or its designee. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i) except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from Wage and Hour Division Web site the at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to HUD or its designee if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant sponsor, or owner, as the case may be, for transmission to HUD or its designee, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this subparagraph for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to HUD or its designee. (Approved by the Office of Management and Budget under OMB Control Number 1215-0149.)
- (b) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:
- (1) That the payroll for the payroll period contains the information required to be provided under 29 CFR 5.5 (a)(3)(ii), the appropriate information is being maintained under 29 CFR 5.5(a)(3)(i), and that such information is correct and complete;

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- (2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in 29 CFR Part 3;
- (3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.
- (c) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by subparagraph A.3.(ii)(b).
- (d) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 231 of Title 31 of the United States Code.
- (III) The contractor or subcontractor shall make the records required under subparagraph A.3.(i) available for inspection, copying, or transcription by authorized representatives of HUD or its designee or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, HUD or its designee may, after written notice to the contractor, sponsor, applicant or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

#### 4. Apprentices and Trainees.

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who

is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant ',to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by

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the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under 29 CFR Part 5 shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.
- 5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR Part 3 which are incorporated by reference in this contract
- 6. Subcontracts. The contractor or subcontractor will insert in any subcontracts the clauses contained in subparagraphs 1 through 11 in this paragraph A and such other clauses as HUD or its designee may by appropriate instructions require, and a copy of the applicable prevailing wage decision, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this paragraph.
- 7. Contract termination; debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.
- 8. Compliance with Davis-Bacon and Related Act Requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this contract
- 9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and HUD or its designee, the U.S. Department of Labor, or the employees or their representatives.
- 10. (i) Certification of Eligibility. By entering into this contract the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be

- awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.
- (ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.
- (III) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001. Additionally, U.S. Criminal Code, Section 1 01 0, Title 18, U.S.C., "Federal Housing Administration transactions", provides in part: "Whoever, for the purpose of . . . influencing in any way the action of such Administration..... makes, utters or publishes any statement knowing the same to be false..... shall be fined not more than \$5,000 or imprisoned not more than two years, or both."
- 11. Complaints, Proceedings, or Testimony by Employees. No laborer or mechanic to whom the wage, salary, or other labor standards provisions of this Contract are applicable shall be discharged or in any other manner discriminated against by the Contractor or any subcontractor because such employee has filled any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable under this Contract to his employer.
- B. Contract Work Hours and Safety Standards Act. The provisions of this paragraph B are applicable where the amount of the prime contract exceeds \$100,000. As used in this paragraph, the terms "laborers" and "mechanics" include watchmen and guards.
- (1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which the individual is employed on such work to work in excess of 40 hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of 40 hours in such workweek.
- (2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in subparagraph (1) of this paragraph, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in subparagraph (1) of this paragraph, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of 40 hours without payment of the overtime wages required by the clause set forth in sub paragraph (1) of this paragraph.

Previous editions are obsolete

- (3) Withholding for unpald wages and liquidated damages. HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contract, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act which is held by the same prime contractor such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (2) of this paragraph.
- (4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in subparagraph (1) through (4) of this paragraph and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in subparagraphs (1) through (4) of this paragraph.
- **C.** Health and Safety. The provisions of this paragraph C are applicable where the amount of the prime contract exceeds \$100,000.
- (1) No laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health and safety as determined under construction safety and health standards promulgated by the Secretary of Labor by regulation.
- (2) The Contractor shall comply with all regulations issued by the Secretary of Labor pursuant to Title 29 Part 1926 and failure to comply may result in imposition of sanctions pursuant to the Contract Work Hours and Safety Standards Act, (Public Law 91-54, 83 Stat 96). 40 USC 3701 et seq.
- (3) The contractor shall include the provisions of this paragraph in every subcontract so that such provisions will be binding on each subcontractor. The contractor shall take such action with respect to any subcontractor as the Secretary of Housing and Urban Development or the Secretary of Labor shall direct as a means of enforcing such provisions.

Previous editions are obsolete

L. Davis Bacon-Wage Rates

(Insert applicable Davis-Bacon Wage Rates Here)

ST: EXC-01



#### ALABAMA DEPARTMENT OF REVENUE SALES AND USE TAX DIVISION

P.O Box 327710 • Montgomery, AL 36132-7710

# Application For Sales and Use Tax Certificate of Exemption

#### FOR GOVERNMENT ENTITY PROJECT

This Certificate of Exemption will be limited to purchases which qualify for an exemption of sales and use taxes pursuant to Rule No. 810-6-3-.77

PROJECT NAME			PROJECT OWNER'S FEIN (EXEMPT ENTITY)
STREET ADDRESS OF PROJECT (CITY AND COL	UNTY INCLUDED) CITY	ZIP	COUNTY
APPLICANT'S INFORMATION:			
RELATION: (CHOOSE ONE)		1	NAICS CODE
☐ Exempt Entity ☐ Ger	neral Contractor Sub-	-Contractor	
APPLICANT'S LEGAL NAME			FEIN
DBA			CONSUMER'S USE TAX ACCOUNT NUMBER
MAILING ADDRESS			
CONTACT PERSON			BUSINESS TELEPHONE NUMBER
			( )
ESTIMATED START DATE ESTIMATED COMPLETION D		TE	
REASON EXEMPTION IS CLAIMED			
JOB DESCRIPTION			
2000	E APPUCABLE?		ESTIMATED POLLUTION CONTROL COST
JOB DESCRIPTION	E APPLICABLE?		ESTIMATED POLLUTION CONTROL COST \$
JOB DESCRIPTION  WILL ANY POLLUTION CONTROL EXEMPTION B	E APPLICABLE?  LABOR COST		22.5

PROJECT NAME		PROJECT OWNER'S FEIN (EXEMPT ENTITY)
FORM OF OWNERSHIP:	•	
☐ Individual ☐ Partnership ☐ Corporation	Multi member LLC	Single member LLC
If applicant is a corporation, a copy of the certified certified authority, or articles of incorporation should be attached. It a copy of the certified articles of organization should be a	f the applicant is a <u>limited liabi</u>	
OWNERSHIP INFORMATION:		
Corporations - give name, title, home address, and Socia	al Security Number of each off	icer.
Partnerships - give name, home address, Social Security	Number or FEIN of each part	tner.
Sole Proprietorships - give name, home address, Social S	Security Number of owner.	
LLC - give name, home address, and Social Security Nur	mber or FEIN of each membe	r.
<u>LLP</u> – give name, home address, and Social Security Nur	mber or FEIN of each partner.	
		<del></del>
NAME (PLEASE PRINT)	SIGNATURE	
TITLE	DATE	
REVENUE D	DEPARTMENT USE ONLY	
Examiner's Remarks		
-		
Examiner		Date
Supervisor's Recommendation		
Supervisor		Date

### Instructions For Preparation of Form ST: EXC-01 Sales and Use Tax Certificate of Exemption for Government Entity Project

In order to expedite the processing of your application, please include the following documentation when submitting your application:

#### Exempt Entity:

- 1. Signed Application
- 2. Copy of Executed/Signed Contract and/or Letter of Intent

#### General Contractor:

- 1. Signed Application
- 2. Copy of Executed/Signed Contract and/or Letter of Intent
- 3. List of Sub-Contractors
- 4. Alabama Board of General Contractor's License
- 5. State/County Business License (usually obtained through county probate office)
- 6. Any other municipal business licenses associated with the project

#### Sub-Contractor:

- 1. Application
- 2. Alabama Board of General Contractor's License
- 3. State/County Business License (usually obtained through county probate office)
- 4. Any other municipal business licenses associated with the project
- 5. List of Sub-Contractors (if any)

#### General contractors and sub-contractors:

Any updates regarding the sub-contractors working on a project, additions and/or deletions, must be submitted to the Department within 30 days of occurrence.

If an extension is needed for a project, please contact the Department of Revenue at the address, numbers, or emails listed below.

THERE IS A FILING REQUIREMENT IF YOUR APPLICATION IS APPROVED. The return will be filed through the Consumer's Use Tax account. If you do not currently have a Consumer's Use Tax account, one will be opened for you. The return should be filed every filing period that the Contractor's Exemption Certificate is active/open and should include the Project No., Exemption No., and the total amount of purchases for the filing period. If there is no product purchased with the exemption certificate, then a zero return must be filed for the period. There is a requirement of one entry for each exemption certificate that is active for each filing period. The information associated with the Contractor's Exemption Certificates is input at the bottom of the return.

The application and applicable documentation may be mailed, faxed, or emailed to the following:

Fax:

(334) 353-7867

Emails:

amber.hartley@revenue.alabama.gov

brenda.wallace@revenue.alabama.gov

Mailing Address:

ATTN: Contractor's Exemption

Alabama Dept. of Revenue

Sales & Use Tax Division - Room 4303

PO Box 327710

Montgomery, AL 36132-7710

#### Exhibit A

# THE CITY OF TUSCALOOSA MINORITY ENTERPRISE/DISADVANTAGED BUSINESS ENTERPRISE (MBE/DBE/WBE) POLICY FOR PUBLIC WORKS PROJECTS OVER \$50,000

#### General Mission Statement

THE CITY OF TUSCALOOSA (hereinafter, "City") has voluntarily adopted a Minority/Disadvantaged Business Enterprise (MBE/DBE/WBE") Program designed to encourage the participation and development of minority and disadvantaged business enterprises and to promote equal business opportunities in the City to the fullest extent allowed by state and federal law.

It is the intent of the City to foster competition among contractors, suppliers, and vendors that will result in better quality and more economical services rendered to the City. Under this policy, the City of Tuscaloosa has established a goal of ten to twenty percent (10-20%) inclusion of minority and disadvantaged business enterprise (hereinafter sometimes "MBE/DBE/WBE") for all services required to deliver City projects. In no case shall the stated percentage be the determining factor in contract awards. Rather, contractors must demonstrate a good faith effort to attain the desired percentage goal.

#### **Program Goals**

It is the goal of this program:

- To ensure non-discrimination in the award and administration of City contracts.
- To help to remove barriers to the participation of DBE/MBE/WBE's in competing for City contracts.
- To ensure a level playing field exists on which DBE/MBE/WBE's can compete fairly for City contracts.

#### Definition

- 1. "Minority Business Enterprise" ("MBE") means a business which is an independent and continuing enterprise for profit, performing a commercially useful function and is at least fifty-one percent (51%) owned and controlled by an African American, or Black American.
- 2. "Women-owned Business Enterprise" ("WBE") means a business which is an independent and continuing enterprise for profit, performing a commercially useful function and is at least fifty-one percent (51%) owned, operated and controlled on a daily basis by one or more female American citizens.
- 3. "Disadvantaged Business Enterprise" (DBE") means a business which is an independent and continuing enterprise for profit, performing a commercially useful function and is owned by a majority of persons who are United States citizens or permanent resident aliens (as defined by the Immigration and Naturalization Service) of the United States, and who are Asian, Black, Hispanic or Native Americans, according to the following definitions:

"Asian" – means persons having origins in any of the original people of the Far East,

Southeast Asia, the Indian subcontinent, or the Pacific Islands.

"African American" or "Black American" means persons having origins in any black racial group of Africa.

"Hispanic" means persons of Spanish or Portuguese culture with origins in Mexico, South of Central America, or the Caribbean Islands regardless of race.

"Native American" means persons having origins in any of the original peo9ple of North America, including American Indians, Eskimos and Aleuts.

#### **Equal Business Opportunity**

It is the policy of the City to promote full and equal business opportunities for all persons doing business with the City, regardless of race, sex or national origin. It is the ultimate goal of this policy to promote an equitable business climate district. The City will seek to increase minority and women participation for contracts that require formal bids. These efforts will be for contracts above \$50,000 as allowed by the Alabama Public Works law. These efforts are designed to help prevent discrimination against minorities and disadvantaged businesses and promote more completion among vendors, suppliers, and contractors of the City of Tuscaloosa.

The City has established a goal of ten to twenty percent (10-20%) of the total construction related expenditures to be provided by minority and disadvantaged business enterprises. While the policy provides for voluntary participation by the City and is dependent upon race-neutral and gender-neutral considerations, contractors are encouraged to comply with the City's policy. The City of Tuscaloosa shall periodically review the policy, including race/gender-neutral remedies, to determine its effectiveness.

#### Good Faith Effect

The City require contractors to demonstrate a good faith effort to attain the goal of 10-20% participation of MBE/DBE/WBE's in all levels of the Public Works contracting process. Contractors shall document their efforts to obtain minority and disadvantaged business participation in the bid documents. Contractors should note that failure to document a good faith effort to the satisfaction of the City may subject the contractor to bid rejection for non-responsiveness.

The following process shall constitute a good faith effort under the City's policy:

- (1) Contractors deciding to bid on a City project shall submit the MBE/DBE/WBE Documentation Statement and Acknowledgement (Form1). Submission of Form 1 confirms the commitment of the contractor to participate in the inclusion effort for the project. Form 1 must be submitted to the City of Tuscaloosa Office of Resilience and Innovation no later than seven (7) days prior to the bid, or at the pre-bid conference, whichever is earlier. The City reserves the right to modify the submittal deadline as-needed.
- (2) Contractors shall submit MBE/DBE/WBE Bid Solicitation Notice (Form 2). Form 2 must be submitted to the City of Tuscaloosa Office of Resilience and Innovation no later than

- seven (7) days prior to the bid, or at the pre-bid conference, whichever is earlier. The City reserves the right to modify the submittal deadline as-needed.
- (3) Contractors shall submit a brief plan for achieving the stated MBE/DBE/WBE Participation Goal for his/her trade (Form 3). Form 3 must be submitted in the contractor's sealed bid.
- (4) Contractor shall submit a listing of all MBE/DBE/WBE contractors that submitted bids (<u>Form 4</u>). Form 4 must be submitted in the contractor's sealed bid. (Note: In the event a MBE/DBE/WBE contractor submits a bid after the general contractor has sealed the bid, contractors should write on the envelope the name(s) and scope of work of the MBE/DBE/WBE contractor who submitted the bid.)
- (5) Contractor shall submit a list of all MBE/DBE/WBE firms the contractor proposes to utilize during the execution of the contract (Form 5). In addition, the contractor shall include on Form 5 all firms that the major subcontractors propose to utilize. Form 5 must be submitted in the contractor's sealed bid.
- (6) Contractors shall be required to work in cooperation with the City's consultant in the implementation of this program. Failure to do so, in the discretion of the City, may result in a rejection of bid due to non-responsiveness.

Following compliance with item (6) above, submission of Form 1, Form 2, Form 3, Form 4, and Form 5 at the above-prescribed times shall satisfy the good faith effort requirement. Failure to do so may result in rejection of bid due to non-responsiveness.

#### Additional Administrative Requirements/Procedure

- (1) If the successful contractor will be subcontracting less than the started percentage goal, the Contractor must complete a "MBE/DBE/WBE Unavailability Certification" (Form 6). Form 6 is due once a tentative contract award has been made.
- (2) Contractors shall obtain the listing of certified MBE/DBE/WBE business by contacting the City of Tuscaloosa Office of Resilience and Innovation to assist in soliciting MBE/DBW/WBE participation for the project.
- (3) Contractors shall not be required to use a MBE/DBE/WBE subcontractor who cannot display reasonable technical and financially qualifications to perform the work in question.
- (4) In addition to the above requirements, contractors should note that the City reserves the right to periodically audit payroll records to ensure compliance with the program. The City employs the services of a Compliance Director.
- (5) Upon completion of the project and prior to release of retainage or final payment, the contractor shall submit a Project Closeout Report (Form 7) that includes final accounting of all MBE/DBE/WBE firms utilized on the project.
- (6) On a monthly basis, contractors shall submit updated MBE/DBE/WBE reports (Monthly Report Form) to identify any changes in MBE/DBE/WBE firm utilization (Form 8). Contractors shall submit Form 8 directly to the City of Tuscaloosa Office of Resilience and Innovation.

#### Race/Gender - Neutral Remedies

The City recognizes that race/gender – neutral remedies may be effective tools used to increase MBE/DBE/WBE participation. Therefore, the City will continue to explore these remedies. The remedies will include, but will not be limited to, the following:

- 1. Technical assistance techniques to identify and increase the participation of MBE/DBE/WBE's in the City's contracting, subcontracting and purchasing opportunities.
- 2. Continuation of the certification process.

The City will periodically review the success of these measures in order to determine the extent to which the measures provide equitable access to the City's contracting, subcontracting and purchasing opportunities.

The City has determined that this policy complies with all applicable local, state and national laws concerning the contracting and purchasing process. The City shall not sacrifice product quality for lower pricing, but shall make all awards in accordance with applicable law. It shall be the primary responsibility of the City to insure that this policy is followed, and that all actions regarding the contracting and purchasing process comply with all applicable statues as well as the defined goals relative to MBE/DBE/WBE participation on all construction projects.

#### **Contact Information:**

Caramyl Drake Community Development Program Manager Infrastructure and Public Services/Tuscaloosa Builds City of Tuscaloosa Phone: (205) 248-5725

cdrake@tuscaloosa.com

## Form 1 (one page) Documentation Statement and Acknowledgement

(Due no later than seven (7) days prior to the bid, or at the pre-bid conference, whichever is earlier)

PROJECT NAME:	
FILE NO.: ENGI	NEERING PROJECT NO.:
Enterprises/Disadvantaged Business Enterprises	a program to encourage the participation of Minority Busines: (MBE/DBE/WBE) on its public works construction projects. The undersigned company to comply with this program as outlined by WBE firm in City guidelines.
	e to City program guidelines set forth to utilize MBE/DBE/WBI ogram forms (1-8) have been reviewed and understood.
Company Representative (Signature)	 Date
Company Representative (Printed)	Title
Company Name	Telephone Number
City, State, Zip	Fax Number

### Form 2 (6 pages) Bid Solicitation Notice

#### (Due no later than seven (7) days prior to the bid, or at the pre-bid Conference, whichever is earlier)

BID DA	TA
1.	GENERAL CONTRACTOR:
	ADDRESS:
	CONTACT (S):
	PHONE:
	FAX:
	E-MAIL:
2.	OWNER:
3.	NAME OF PROJECT:
	FILE NO.: ENGINEERING PROJECT NO.:
4.	SCHEDULE PRE-BID MEETING
	DATE/TIME:
	LOCATION:
5.	DATE/TIME FOR RECEIPT OF BIDS:
6.	SCHEDULE BID OPENING
	DATE/TIME:LOCATION:
7.	ESTIMATED JOB START DATE:
8.	ESTIMATED COMPLETION DATE:

PROJECT:	[] 03 30 CAST-IN-PLACE CONCRETE [] 03 31 STRUCTURAL CONCRETE
	1 103 35 CONCRETE FINISHING
LOCATION:	[ ] 03 37 SPECIALTY PLACED CONCRETE
BID DATE:	1 03 39 CONCRETE CURING
DID DATE:	03 41 PRECAST STRUCTURAL
	CONCRETE
GENERAL CONTRACTOR CONTACT:	03 45 PRECAST ARCHITECTURAL
	CONCRETE
NAME	03 47 SITE-CAST CONCRETE
ADDRESS:	[] 03 62 NON-SHRINK GROUTING
	] 03 63 EPOXY GROUTING
	OS 81 CONCRETE CUTTING
TELEPHONE: ( )	03 82 CONCRETE BORING 1 03
FAX: ( )	(Please fill-in for other opportunity)
	(Freeze till-til for other opportunity)
EMAIL:( )	DIVISION 4 - MASONRY (1) (2) (3) (4) (5)
	L 104 21 CLAY UNIT MASONRY
	1 04 22 CONCRETE UNIT MASONRY
DEADLINE FOR PROPOSALS	04 25 UNIT MASONRY PANELS
DEPOSITE FOR FROP COALS	04 SO MULTIPLE-WYTHE MASONRY
	04 43 STONE MASONRY
DATE/TIME	04 57 MASONRY FIREPLACES
* Estimated Contract Opportunity Value:	04 71 MANUFACTURED BRICK MASONRY
{1} 0-25,000 {2} 25,000-50,000 {3} 50,000-100,000 {4}	04 73 MANUFACTURED STONE MASONRY
100,000 - 500,000 (5) over 500,000	(Please fill-in for other opportunity)
	(Lisses million for other obbouring)
DIVISION 02 - EXISTING CONDITIONS	DIVISION 6 - METALS (1) (2) (3) (4) (5)
(1) (2) (3) <del>(4)</del> (6) *	[] 05 12 STRUCTURAL STEEL FRAMING
[ 10221 SURVEYS	1 05 14 STRUCTURAL ALUMINUM FRAMING
1 02 32 GEOTECHNICAL INVESTIGATIONS	1 05 15 WIRE ROPE ASSEMBLIES
1 02 41 DEMOLITION	1 05 21 STEEL JOIST FRAMING
02 42 REMOVAL and SALVAGE of	1 05 31 STEEL DECKING
CONSTRUCTION MATERIALS	05 35 RACEWAY DECKING ASSEMBLIES
J 02 43 STRUCTURE MOVING	05 41 STRUCTURAL METAL STUD
02 56 SITE CONTAINMENT	FRAMING
02 65 UNDERGROUND STORAGE TANK	05 42 COLD-FORMED METAL JOIST
REMOVAL	FRAMING
02 81 TRANSPORTATION and DISPOSAL	[] 05 44 COLD-FORMED METAL TRUSSES
of HAZARDOUS MATERIALS	[] 05 61 METAL STAIRS [] 05 52 METAL RAILINGS
02 82 ASBESTOS REMEDIATION	105 53 METAL GRATINGS
02 83 LEAD REMEDIATION	05 55 METAL STAIR TREADS & NOSING
02 65 MOLD REMEDIATION 02 91 CHEMICAL SAMPLING, TESTING	1 05 58 METAL CASTINGS
	05 58 FORMED METAL FABRICATIONS
E] 02 (Please fill-in other opportunity)	05 71 DECORATIVE METAL STAIRS
(Places fill by other expects with a	05 73 DECORATIVE METAL RAILINGS
( reaso the st offer obbottming)	1 05 75 DECORATIVE FORMED METAL
DIMISION 3 - CONCRETE (1) (2) (3) (4) [5)	05
03 01 MAINTENANCE OF CONCRETE	(Please fill-in for other opportunity)
[] 03 11 CONCRETE FORMING	
03 15 CONCRETE ACCESSORIES	DIVISION 6 - WOODS, PLASTICS & COMPOSITIES
[] 03 21 REINFORCING STEEL	(1) ( <b>2</b> ] (3) (4) (5)
03 22 WELDED WIRE FABRIC	7 105 44 WOOD PROTEIN
REINFORCING	05 11 WOOD FRAMING

[] 06 12 STRUCTURAL PANELS	
[ ] 06 15 WOOD DECKING	DIVISION 8 - OPENINGS {1} {2} {3} [4] {5}
06 16 SHEATING	] 08 11 METAL DOORS & FRAMES
[ ] 06 17 SHOP FABRICATED STRUCTURAL	08 12 METAL FRAMES
WOOD	OB 13 METAL DOORS
[ ] 06 22 MILLWORK	OB 14 WOOD DOORS
1 06 25 PREFINISHED PANEL	08 16 COMPOSITE DOORS
[ ] 06 26 PANELING	1 08 17 INTEGRATED DOOR OPENING
06 43 WOOD STAIRS & RAILINGS	ASSEMBLIES
06 44 ORNAMENTAL WOODWORK	1 08 31 ACCESS DOORS & PANELS
[ ] 06 48 WOOD FRAMES	1 08 32 SLIDING GLASS DOORS
[ 106	1 08 33 COILING DOORS & GRILLES
(Please fill-in for other opportunity)	1 08 34 SPECIAL FUNCTION DOORS
(,	08 36 PANEL DOORS
DIVISION 7 - THERMAL & MOISTURE PROTECTION	1 08 38 TRAFFIC DOORS
{1} {2} {3} {4} {5}	08 41 ENTRANCES & STOREFRONTS
[] 07 11 DAMPPROOFING	1 08 42 ENTRANCES
07 12 BUILT-UP BITUMINOUS	1 08 43 STOREFRONTS
WATERPROOFING	1 08 44 CURTAIN WALL & GLAZED
07 13 SHEET WATERPROOFING	ASSEMBLIES
07 16 CEMENTIOUS & REACTIVE	[ ] 08 51 METAL WINDOWS
WATERPROOFING	1 08 52 WOOD WINDOWS
[ ] 07 19 WATER REPELLANTS	1 08 53 PLASTIC WINDOWS
07 21 THERMAL INSULATION	1 108 54 COMPOSITE WINDOWS
07 22 ROOF & DECK INSULATION	08 56 SPECIAL FUNCTION WINDOWS
07 24 EXTERIOR INSULATION & FINISH	1 08 62 UNIT SKYLIGHTS
SYSTEMS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
[] 07 25 WEATHER BARRIERS	108 71 DOOR HARDWARE
1 07 26 VAPOR RETARDERS	[ ] 08 74 ACCESS CONTROL HARDWARE
1 107 31 SHINGLES & SHAKES	08 75 WINDOW HARDWARE
1 107 32 ROOF TILES	1 08 79 HARDWARE ACCESSORIES
07 32 ROOF FILES	1 108 81 GLASS GLAZING
1 107 41 ROOF PANELS	[ ] 08 83 MIRRORS
1 107 42 WALL PANELS	O 8 84 PLASTIC GLAZING
1 107 46 SIDING	[ ] 08 88 SPECIAL FUNCTION GLAZING
[] 07 51 BUILT-UP BITUMINOUS	[ ] 08 91 LOUVERS
ROOFING	[ ] 08 95 VENTS
[] 07 52 MODIFIED BIITUMINOUS	[ ] 08
MEMBRANE ROOFING	(Please fill-in for other opportunity)
[] 07 53 ELASTOMETRIC MEMBRANE	(Please IIII-III for other opportunity)
ROOFING	DIVIDION OF EINIGHED (4) (2) (2) (4) (5)
[] 07 54 THERMOPLASTIC MEMBRANE	DIVISION 9 - FINISHES {1} {2} {3} {4} {5} 09 21 PLASTER & GYPSUM
ROOFING	ASSEMBLIES
[] 07 56 FLUID APPLIED ROOFING	[] 09 22 SUPPORTS FOR PLASTER &
[] 07 58 ROLL ROOFING	GYPSUM
[] 07 61 SHEET METAL ROOFING	09 23 GYPSUM PLASTERING
[] 07 65 FLEXIBLE FLASHING	09 24 CEMENT PLASTERING
1 107.74 DOOF OPPOINT TIES	09 26 VENEER PLASTERING
[] 07 71 ROOF SPECIALTIES	] 09 28 BACKING S &
[] 07 72 ROOF ACCESSORIES	UNDERLAYMENTS
07 81 APPLIED FIREPROOFING	
[] 07 84 FIRESTOPPING [] 07 91 PREFORMED JOINT SEALS	
	[] 09 51 ACOUSTICAL CEILINGS
[] 07 92 JOINT SEALANTS	09 54 SPECIALTY CEILINGS
] 07 95 EXPANSION CONTROL [] 07	[] 09 62 SPECIALTY FLOORING
	O 63 MASONRY FLOORING
(Please fill-in for other opportunity)	09 64 WOOD FLOORING

[] 09 65 RESILIENT FLOORING	
] 09 66 TERRAZZO FLOORING	DIVISION 12 - FURNISHINGS {1} {2} {3} {4} {5}
09 68 CARPETING	[] 12 21 WINDOW BLINDS
09 72 WALL COVERINGS	12 22 CURTAINS & DRAPES
[ ] 09 77 SPECIAL WALL SURFACING	12 23 INTERIOR SHUTTERS
O 9 91 PAINTING	12 24 WINDOW SHADES
09 93 STAINING & TRANSPARENT	
	12 32 MANUFACTURED CASEWORK
FINISHING	12 35 SPECIALTY CASEWORK
09 96 HIGH PERFORMANCE COATINGS	12 36 COUNTERTOPS
09 97 SPECIAL COATINGS	] 12 46 FURNISHING ACCESSORIES
[] 09	] 12 48 RUGS & MATS
(Please fill-in for other opportunity)	[ ] 12 51 OFFICE FURNITURE
•	12 52 SEATING
DIVISION 10 - SPECIALTIES {1} {2} {3} {4} {5}	1 12 54 HOSPITALITY FURNITURE
[] 10 11 VISUAL DISPLAY UNITS	1 12 56 INSTITUTIONAL FURNITURE
10 11 VIOGAE DISPERT ONTS	1 12 61 FIXED AUDIENCE SEATING
10 22 PARTITIONS	12 63 STADIUM & ARENA SEATING
10 26 WALL & DOOR PROTECTION	12 67 PEWS & BENCHES
10 28 TOILET, BATH & LAUNDRY	12 92 INTERIOR PLANTERS &
ACCESSORIES	ARTIFICAL PLANTS
10 44 FIRE PROTECTION SPECIALTIES	[] 12 93 SITE FURNISHINGS
] 10 51 LOCKERS	[] 12
10 71 EXTERIOR PROTECTION	(Please fill-in for other opportunity)
1 10 74 MANUFACTURED EXTERIOR	( come and come opportunity)
SPECIALTIES	DIVISION 13 - SPECIAL CONSTRUCTION
[] 10 75 FLAGPOLES	{1} {2} {3} {4} {5}
	[] 13 11 SWIMMING POOLS
10 81 PEST CONTROL DEVICES	
10 88 SCALES	13 17 TUBS & POOLS
10	13 18 ICE RINKS
(Please fill-in for other opportunity)	[] 13 21 CONTROLLED ENVIRONMENT
•	ROOMS
•	ROOMS
DIVISION 11 - EQUIPMENT (1) (2) (3) (4) (5)	ROOMS [] 13 24 SPECIAL ACTIVITY ROOMS
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}  [] 11 11 VEHICLE SERVICE EQUIPMENT	ROOMS [] 13 24 SPECIAL ACTIVITY ROOMS [] 13 28 ATHLETIC & RECREATIONAL
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}  [] 11 11 VEHICLE SERVICE EQUIPMENT [] 11 12 PARKING CONTROL EQUIPMENT	ROOMS [] 13 24 SPECIAL ACTIVITY ROOMS [] 13 28 ATHLETIC & RECREATIONAL SPECIAL CONSTRUCTION
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}  [] 11 11 VEHICLE SERVICE EQUIPMENT [] 11 12 PARKING CONTROL EQUIPMENT [] 11 13 LOADING DOCK EQUIPMENT	ROOMS [] 13 24 SPECIAL ACTIVITY ROOMS [] 13 28 ATHLETIC & RECREATIONAL SPECIAL CONSTRUCTION [] 13 31 FABRIC STRUCTURES
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}  L	ROOMS  [] 13 24 SPECIAL ACTIVITY ROOMS  [] 13 28 ATHLETIC & RECREATIONAL SPECIAL CONSTRUCTION  [] 13 31 FABRIC STRUCTURES  [] 13 34 FABRICATED ENGINEERED
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}  [] 11 11 VEHICLE SERVICE EQUIPMENT [] 11 12 PARKING CONTROL EQUIPMENT [] 11 13 LOADING DOCK EQUIPMENT [] 11 14 PEDESTRIAN CONTROL EQUIPMENT	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL   SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED   STRUCTURES
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}  L	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL   SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED   STRUCTURES   13 36 TOWERS
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}  L	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL   SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED   STRUCTURES   13 36 TOWERS   13 42 BUILDING MODULES
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}    11 11 VEHICLE SERVICE EQUIPMENT   11 12 PARKING CONTROL EQUIPMENT   11 13 LOADING DOCK EQUIPMENT   11 14 PEDESTRIAN CONTROL   EQUIPMENT   11 24 MAINTENANCE EQUIPMENT   11 31 RESIDENTIAL APPLIANCES   11 33 RETRACTABLE STAIRS	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL   SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED   STRUCTURES   13 36 TOWERS
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}  L	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL   SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED   STRUCTURES   13 36 TOWERS   13 42 BUILDING MODULES
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}    11 11 VEHICLE SERVICE EQUIPMENT   11 12 PARKING CONTROL EQUIPMENT   11 13 LOADING DOCK EQUIPMENT   11 14 PEDESTRIAN CONTROL   EQUIPMENT   11 24 MAINTENANCE EQUIPMENT   11 31 RESIDENTIAL APPLIANCES   11 33 RETRACTABLE STAIRS	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED STRUCTURES   13 36 TOWERS   13 42 BUILDING MODULES   13 48 SOUND, VIBRATION, & SEISMIC CONTROL   13 49 RADIATION PROTECTION
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}    11 11 VEHICLE SERVICE EQUIPMENT   11 12 PARKING CONTROL EQUIPMENT   11 13 LOADING DOCK EQUIPMENT   11 14 PEDESTRIAN CONTROL   EQUIPMENT   11 12 MAINTENANCE EQUIPMENT   11 13 RESIDENTIAL APPLIANCES   11 33 RETRACTABLE STARS   11 41 FOODSERVICE STORAGE   EQUIPMENT	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED STRUCTURES   13 36 TOWERS   13 42 BUILDING MODULES   13 48 SOUND, VIBRATION, & SEISMIC CONTROL   13 49 RADIATION PROTECTION
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED STRUCTURES   13 36 TOWERS   13 42 BUILDING MODULES   13 48 SOUND, VIBRATION, & SEISMIC CONTROL   13 49 RADIATION PROTECTION   13 4
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}    11 11 VEHICLE SERVICE EQUIPMENT   11 12 PARKING CONTROL EQUIPMENT   11 13 LOADING DOCK EQUIPMENT   11 14 PEDESTRIAN CONTROL   EQUIPMENT   11 12 MAINTENANCE EQUIPMENT   11 31 RESIDENTIAL APPLIANCES   11 33 RETRACTABLE STAIRS   11 41 FOODSERVICE STORAGE   EQUIPMENT   11 42 FOOD PREPARATION EQUIPMENT   11 43 FOOD DELIVERY CARTS AND	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED STRUCTURES   13 36 TOWERS   13 42 BUILDING MODULES   13 48 SOUND, VIBRATION, & SEISMIC CONTROL   13 49 RADIATION PROTECTION
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED STRUCTURES   13 45 TOWERS   13 42 BUILDING MODULES   13 48 SOUND, VIBRATION, & SEISMIC CONTROL   13 49 RADIATION PROTECTION   13 49 (Please fill-in for other opportunity)
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}    11 11 VEHICLE SERVICE EQUIPMENT   11 12 PARKING CONTROL EQUIPMENT   11 13 LOADING DOCK EQUIPMENT   11 14 PEDESTRIAN CONTROL   EQUIPMENT   11 12 MAINTENANCE EQUIPMENT   11 13 RESIDENTIAL APPLIANCES   11 13 RETRACTABLE STAIRS   11 14 FOODSERVICE STORAGE   EQUIPMENT   11 42 FOOD PREPARATION EQUIPMENT   11 43 FOOD DELIVERY CARTS AND   CONVEYORS   11 44 FOOD COOKING EQUIPMENT	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED STRUCTURES   13 45 TOWERS   13 42 BUILDING MODULES   13 48 SOUND, VIBRATION, & SEISMIC CONTROL   13 49 RADIATION PROTECTION   13
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED STRUCTURES   13 45 TOWERS   13 42 BUILDING MODULES   13 48 SOUND, VIBRATION, & SEISMIC CONTROL   13 49 RADIATION PROTECTION   13 49 (Please fill-in for other opportunity)
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DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL   SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED   STRUCTURES   13 45 TOWERS   13 42 BUILDING MODULES   13 48 SOUND, VIBRATION, & SEISMIC   CONTROL   13 49 RADIATION PROTECTION   13
DIVISION 11 - EQUIPMENT {1} {2} {3} {4} {5}    11 11 VEHICLE SERVICE EQUIPMENT   11 12 PARKING CONTROL EQUIPMENT   11 13 LOADING DOCK EQUIPMENT   11 14 PEDESTRIAN CONTROL   EQUIPMENT   11 24 MAINTENANCE EQUIPMENT   11 31 RESIDENTIAL APPLIANCES   11 33 RETRACTABLE STAIRS   11 41 FOODSERVICE STORAGE   EQUIPMENT   11 42 FOOD PREPARATION EQUIPMENT   11 43 FOOD DELIVERY CARTS AND   CONVEYORS   11 44 FOOD COOKING EQUIPMENT   11 46 FOOD DISPENSING EQUIPMENT   11 47 ICE MACHINES   11 48 CLEANING & DISPOSAL   EQUIPMENT	ROOMS    13 24 SPECIAL ACTIVITY ROOMS   13 28 ATHLETIC & RECREATIONAL   SPECIAL CONSTRUCTION   13 31 FABRIC STRUCTURES   13 34 FABRICATED ENGINEERED   STRUCTURES   13 42 BUILDING MODULES   13 48 SOUND, VIBRATION, & SEISMIC   CONTROL   13 49 RADIATION PROTECTION   13
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[] 14 32 MOVING WALKS	[] 23 41 PARTICULATE AIR FILTRATION
14 42 WHEELCHAIR LIFTS	1 23 52 HEATING BOILERS
14 51 CORRESPNDENCE & PARCEL LIFTS	] 23 54 FURNACES
L 14 91 FACILITY CHUTES	23 56 SOLAR ENERGY HEATING EQUIP.
14 92 PNEUMATIC TUBE SYSYTEMS	23 57 HEAT EXCHANGES FOR HVAC
14	[] 23 62 PACKAGED COMPRESSOR &
(Please fill-in for other opportunity)	CONDENSOR UNITS
,	1 23 63 REFRIGERANT CONDENSORS
	1 23 64 PACKAGED WATER CHILLERS
	23 65 COOLING TOWERS
DIVISION 24 FIRE SURPRESSION (4) (2) (4) (5)	
DIVISION 21 -FIRE SUPPRESSION (1) (2) (3) (4) (5)	] 23 73 INDOOR CENTRAL-STATION AIR-
21 11 FIRE-SUPPRESSION WATER	W HANDLING UNITS
SERVICE PIPING &METHODS	23 74 PACKAGED OUTDOOR HVAC EQUIP
] 21 12 FIRE SUPPRESSION STANDPIPES	
] 21 13 FIRE SUPPRESSION SPRINKLER	1 23 82 CONVECTION HEATING & COOLING
SYSTEMS	UNITS
[ ] 21 21 CARBON-DIOXIDE FIRE	[] 23 84 HUMIDITY CONTROL EQUIPMENT
EXTINGUISHING SYSTEMS	
[ ] 21 22 CLEAN AGENT FIRE	
	(Please fill-in for other opportunity)
EXTINGUISHING SYSTEMS	
21 31 CENTIFUGAL FIRE PUMPS	DIVISON 26-ELECTRICAL {1} {2} {3} {4} {5}
[] 21	26 09 INSTRUMENTATION & CONTROL FOR
(Please fill-in for other opportunity)	ELECTRICAL SYSTEMS
	26 12 MEDIUM VOLTAGE
DIVISON 22-PLUMBING {1} {2} {3} {4} {5}	TRANSFORMERS
1 22 07 PLUMBING INSULATION	[] 26 22 LOW VOLTAGE TRANSFORMERS
22 11 FACILITY WATER DISTRIBUTION	1 26 24 SWITCHS & PANELS
22 13 FACILITY SANITARY SEWERAGE	
	[] 26 25 ENCLOSED BUS ASSEMBLIES
22 14 FACILITY STORM DRAINAGE	26 27 LOW VOLTAGE DISTRIBUTION
22 41 COMMERICAL PLUMBING FIXTURE	EQUIPMENT
	26 28 LOW VOLTAGE CIRCUIT
[] 22 42 COMMERICAL PLUMBING FIXTURES	PROTECTIVE DEVICES
22 45 EMERGENCY PLUMBING FIXTURES	[ ] 26 29 LOW VOLTAGE CONTROLLERS
] 22 47 DRINKING FOUNTAINS & WATER	26 32 PACKAGED GENERATOR
COOLERS	ASSEMBLIES
22 51 SWIMMING POOL PLUMBING	[] 26 35 POWER FILTERS & CONDITIONERS
SYSTEMS	
22 66 CHEMICAL-WASTE SYSTEMS FOR	26 42 CATHODIC PROTECTION
	] 26 51 INTERIOR LIGHTING
LAB & HEALTHCARE FACILITIES	26 52 EMERGENCY LIGHTING
	] 26 53 EXIT SIGNS
(Please fill-in for other opportunity)	26 54 CLASSIFIED LOCATION LIGHTING
	1 26 55 SPECIAL PURPOSE LIGHTING
DIVISON 23-HEATING VENTILATION AIR	1 126 56 EXTERIOR LIGHTING
CONDITIONING {1} {2} {3} {4} {5}	26 61 LIGHTING SYSTEMS &
(1) (2) (1) (1)	ACCESSORIES
[] 23 07 HVAC INSULATION	26 71 ELECTRICAL MACHINES
23 09 INSTRUMENTATION & CONTROL	
	26
FOR HVAC	(Please fill-in for other opportunity)
23 13 FACILITY FUEL-STORAGE TANKS	
23 21 HYDRONIC PIPING & PUMPS	COMMUNICATIONS- 27 {1} {2} {3} {4} {5}
23 22 STEAM & CONDENSATE PIPING &	[] 27 13 COMMUNICATIONS BACKBONE
PUMPS	CABLING
[] 23 31 HVAC DUCTS & CASINGS	27 41 AUDIO-VIDEO SYSTEMS
23 33 AIR DUCT ACCESSORIES	27 51 DISTRIBUTED AUDIO VIDEO
23 34 HVAC FANS	27 52 HEALTHCARE COMMUNICATIONS &
23 37 AIR OUTLETS & INLETS	L 12/ 32 REALIDUARE CUMMUNICATIONS &
23 38 VENTILATION HOODS	MONITORING SYSTEMS  [ ] 27 53 DISTRIBUTED SYSTEMS

[] 27	[] 32 93 PLANTS
(Please fill-in for other opportunity)	1 32 94 PLANTING ACCESSORIES
,,	32 96 TRANSPLANTING
ELECTRONIC SAFETY & SECURITY- 28 {1} {2} {3}	32
(4) (5)	(Please fill-in for other opportunity)
[] 28 13 COMMUNICATIONS BACKBONE	(i loade illi ill loi outer opportunity)
CABLING	UTILITIES-33 {1} (2) (3) (4) (5)
[] 28 16 INTRUSION DETECTION	[] 33 11 WATER UTILITY DISTRIBUTION
28 23 VIDEO SURVEILLANCE	PIPING
28 31 FIRE DETECTION	33 12 WATER UTILITY DISTRIBUTION
28 33 FUEL-GAS DETECTION	EQUIPMENT
28 39 MASS NOTIFICATION SYSTEMS	] 33 16 WATER UTILITY STORAGE TANKS
28	] 33 21 WATER SUPPLY WELLS
(Please fill-in for other opportunity)	33 31 SANITARY UTILITY SEWERAGE
	PIPING
EARTHWORK-31 {1} {2} {3} {4} {5}	33 36 UTILITY SEPTIC TANKS
31 06 SCHEDULES FOR EARTHWORK	[] 33 41 STORM UTILITY DRAINAGE PIPING
[] 31 11 CLEARING & GRUBBING	] 33 42 CULVERTS
[ ] 31 13 SELECTIVE TREE & SHRUB REMOVAL	33 44 STORM UTILITY WATER DRAINS
& TRIMMING	1 33 46 SUBDRAINAGE
[] 31 14 EARTH STRIPPING & STOCKPILING	1 33 49 STORM DRAINAGE STRUCTURES
] 31 22 GRADING	1 33 51 NATURAL GAS DISTRIBUTION
31 23 EXCAVATION & FILL	1 33 52 LIQUID FUEL DISTRIBUTION
1 31 25 ERSION & SEDIMENTATION	[ ] 33 71 ELECTRICAL UTILITY TRANSMISSION
1 31 31 SOIL TREATMENT	& DISTRIBUTION
31 32 SOIL STABILIZATION	33 81 COMMUNICATIONS & STRUCTURES
31 33 ROCK STABILIZATION	33
] 31 36 GABIONS	(Please fill-in for other opportunity)
31 37 RIPRAP	
31 41 SHORING	TRANSPORATION-34 {1} {2} {3} {4} {5}
31 41 SHORING 31 43 CONCRETE RAISING	] 34 11 RAIL TRACKS
31 41 SHORING 31 43 CONCRETE RAISING 31 45 VIBROFLORATION & DENSIFICATION	] 34 11 RAIL TRACKS ] 34 41 ROADWAY SIGNALING AND CONTROL
31 41 SHORING 31 43 CONCRETE RAISING 31 45 VIBROFLORATION & DENSIFICATION 31 46 NEEDLE BEAMS	] 34 11 RAIL TRACKS ] 34 41 ROADWAY SIGNALING AND CONTROL EQUIPMENT
31 41 SHORING 31 43 CONCRETE RAISING 31 45 VIBROFLORATION & DENSIFICATION 31 46 NEEDLE BEAMS 31 48 UNDERPINNING	] 34 11 RAIL TRACKS] 34 41 ROADWAY SIGNALING AND CONTROL EQUIPMENT] 34 71 ROADWAY CONSTRUCTION
31 41 SHORING 31 43 CONCRETE RAISING 31 45 VIBROFLORATION & DENSIFICATION 31 46 NEEDLE BEAMS 31 48 UNDERPINNING 31 52 COFFERDAMS	34 11 RAIL TRACKS 34 41 ROADWAY SIGNALING AND CONTROL EQUIPMENT 34 71 ROADWAY CONSTRUCTION 34 72 RAILWAY CONSTRUCTION
31 41 SHORING 31 43 CONCRETE RAISING 31 45 VIBROFLORATION & DENSIFICATION 31 46 NEEDLE BEAMS 31 48 UNDERPINNING 31 52 COFFERDAMS 31 56 SHURRY WALLS	34 11 RAIL TRACKS 34 41 ROADWAY SIGNALING AND CONTROL EQUIPMENT 34 71 ROADWAY CONSTRUCTION 34 72 RAILWAY CONSTRUCTION 34
31 41 SHORING 31 43 CONCRETE RAISING 31 45 VIBROFLORATION & DENSIFICATION 31 46 NEEDLE BEAMS 31 48 UNDERPINNING 31 52 COFFERDAMS 31 56 SHURRY WALLS 31 62 DRIVEN PILES	34 11 RAIL TRACKS 34 41 ROADWAY SIGNALING AND CONTROL EQUIPMENT 34 71 ROADWAY CONSTRUCTION 34 72 RAILWAY CONSTRUCTION
31 41 SHORING  31 43 CONCRETE RAISING  31 45 VIBROFLORATION & DENSIFICATION  31 46 NEEDLE BEAMS  31 48 UNDERPINNING  31 52 COFFERDAMS  31 56 SHURRY WALLS  31 62 DRIVEN PILES  31 63 BORED PILES	34 11 RAIL TRACKS 34 41 ROADWAY SIGNALING AND CONTROL EQUIPMENT 34 71 ROADWAY CONSTRUCTION 34 72 RAILWAY CONSTRUCTION 34
31 41 SHORING  31 43 CONCRETE RAISING  31 45 VIBROFLORATION & DENSIFICATION  31 46 NEEDLE BEAMS  31 48 UNDERPINNING  31 52 COFFERDAMS  31 56 SHURRY WALLS  31 62 DRIVEN PILES  31 63 BORED PILES  31	ATERIAL PROCESSING & HANDLING
31 41 SHORING  31 43 CONCRETE RAISING  31 45 VIBROFLORATION & DENSIFICATION  31 46 NEEDLE BEAMS  31 48 UNDERPINNING  31 52 COFFERDAMS  31 56 SHURRY WALLS  31 62 DRIVEN PILES  31 63 BORED PILES	A 11 RAIL TRACKS    34 41 ROADWAY SIGNALING AND CONTROL EQUIPMENT   34 71 ROADWAY CONSTRUCTION   34 72 RAILWAY CONSTRUCTION   34
31 41 SHORING  31 43 CONCRETE RAISING  31 45 VIBROFLORATION & DENSIFICATION  31 46 NEEDLE BEAMS  31 48 UNDERPINNING  31 52 COFFERDAMS  31 56 SHURRY WALLS  31 62 DRIVEN PILES  31 63 BORED PILES  31 (Please fill-in for other opportunity)	ATERIAL PROCESSING & HANDLING
31 41 SHORING  31 43 CONCRETE RAISING  31 45 VIBROFLORATION & DENSIFICATION  31 46 NEEDLE BEAMS  31 48 UNDERPINNING  31 52 COFFERDAMS  31 56 SHURRY WALLS  31 62 DRIVEN PILES  31 63 BORED PILES  (Please fill-in for other opportunity)  EXTERIOR IMPROVEMENTS- 32 {1} {2} {3} {4} {5}	ATERIAL PROCESSING & HANDLING EQUIPMENT  [ ] 34 71 ROADWAY SIGNALING AND CONTROL EQUIPMENT  [ ] 34 71 ROADWAY CONSTRUCTION  [ ] 34 72 RAILWAY CONSTRUCTION  [ ] 34 72 RAILWAY CONSTRUCTION  [ ] 34 75 RAILWAY CONSTRUCTION  [ ] 34 75 ROADWAY CONSTRUCTION  [ ] 35 ROADWAY CONSTRUCTION  [ ] 36 ROADWAY CONSTRUCTION  [ ] 37 ROADWAY CONSTRUCTION  [ ] 38 ROADWAY CONSTRUCTION  [
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#### FORM 3 (1page)

#### PARTICIPATION GOAL

(Must be submitted in the contractor's sealed bid)

General Contractor:	
Name of Project:	
File No.:	Engineering Project No
Date Submitted:	
The project has a goal of ten to tw how this goal will be achieved. Fai	venty percent (10-20%) MBE/DBE/WBE participation. Provide a brief summary of llure to submit this form may result in a bid being rejected for non-responsiveness.
My goal for this project is	<u>_</u> %.
I plan on achieving this goal by:	

## Form 4 Contractors Submitting Bids (Must be submitted in the contractor's sealed bid)

General Contractor:		
Contact:		
Name of Project:		
File No.:	Engineering Project No.:	
Date Submitted:		
All MBE/DBE/WBE Firms Submitting Bids	Scope of Work	
	<u> </u>	
	<u> </u>	
	_	
	_	
	<u> </u>	

#### FORM 5

#### **CONTRACTORS SUBMITTING BIDS**

#### (Must be submitted in the contractor's sealed bid)

General Contractor:		
Contact:		
Name of Project:		
File No.:		
Total Contract Amount: \$		_
Total Amount of All Subcontra		
Date Submitted:		_
All MBE/DBE/WBE firms to be	Scope of Work	Contract Amount
	 	_

(Use additional pages if necessary)

## Form 6 Unavailability Certification (Must be submitted following tentative bid award)

l,		(Name/Title), of
		(Company) certify that on
Enterprise to obtain proposals/bids	(Date) I contacted the followin s for the following work items:	g Minority/Disadvantaged Business
MDE/DBE/WBE Firm	Work Items Sought	Form of Proposal Sought
		_
on this project, or unable to prepar	belief, said Minority/Disadvantaged Business re a proposal/bid for the following reason(s):	· 
	h MBE/DBE/WBE listed, which was contacted	
		IBE/DBE/WBE) was offered ar
	n the above identified work on	
The above statement is a true and	accurate account of why I did not submit a pr	oposal/bid on this project.
		_ (Signature of MBE/DBE/WBE)
	(Date)	
	(Title)	

(Use additional pages if necessary)

# Form 7 Project Closeout Report (To be submitted upon completion of project)

General Contractor:		
Contact:		
Name of Project:		
File No.:		
Total Contract Amount: \$		
Final Contract Amount: \$		
Date Submitted:		
All MBE/DBE/WBE firms verified	Original subcontract amount	Final subcontract amount

## Form 8 Monthly Report Form (To be submitted monthly directly to the City's consultant)

General Contractor:  Contact:  Name of Project:				
File No.:	Engineering F	Project No.:		
Total Contract Amount: \$				
Date Submitted:				
Billings				
Each MBE/DBE/WBE	Original			
Contractor utilized	subcontract	Previous	This period	Total
	amount	amount	amount	Amount

(Use additional pages if necessary)

# City of Tuscaloosa 2017 Citywide Resurfacing Project SPECIFICATIONS

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#### **SECTION 1 - PROJECT SUMMARY**

#### 1.0 GENERAL

#### 1.01 Scope

This Project consists of resurfacing and other associated work of the various City Streets as described in these Specifications.

#### 1.02 Project Engineering and Inspection

The City of Tuscaloosa Office of City Engineer will provide all Project Engineering and Inspection.

#### 1.03 Materials

The Contractor will provide all materials unless otherwise stated in these Specifications or the accompanying Contract.

#### 1.04 Measurement and Payment

All work directed in these Specifications shall be paid for in accordance with the Items listed in the Bid Schedule. No separate payment shall be made for any Item not shown in the Bid Schedule.

#### **SECTION 2 – SUBMITTALS**

#### 2.0 GENERAL

#### 2.01 Description and Requirements

This Project consists of resurfacing and other associated work of the various City Streets as described in these Specifications.

#### 2.02 Type of Submittals

This section of the specifications describes the procedures for submittals such as shop drawings, product data, samples and miscellaneous work-related submittals. It does not include the submissions required for administrative work which are described elsewhere in the Contract Documents.

#### 2.03 Submittal Contents.

The submittal contents required are specified in each section.

#### 2.04 Definitions

#### 2.04.01 Shop Drawings:

Show Drawings shall include technical data, drawings, diagrams, performance curves, schedules, templates, patterns, reports, calculations, instructions, measurements and similar information as applicable to specific item for which the Shop Drawings is prepared.

Provide newly-prepared information on reproducible sheets, with gr5phic information at accurate scale (except as otherwise indicated) or appropriate number of prints hereof, with name or preparer (firm name) indicated. The Contract Drawings shall not be traced or reproduced by any method for use as or in lieu of detail shop drawings. Show dimensions and indicate compliance with standards and special coordination requirements. Do not allow shop drawing copies without appropriated final "Action" markings by the OWNER to be used in connection with the Work.

#### 2.04.02 Product Data:

Product data includes standard printed information on materials, products and systems, not specially prepared for this Project, other than the designation of selections from among available choices printed therein.

Collect required data into one submittal for each unit of work or system, and mark each copy to show which choices and options are applicable to this project. Include manufacturer's standard printed recommendations for application and use, compliance with standards, application of labels and seals, notation of field measurements which have been checked, and special coordination requirements.

#### 2.04.03 Samples:

Samples include both fabricated and un-fabricated physical examples of materials, products and units of work, both as complete units and as smaller portions of units of work, either for limited visual inspection or (where indicated) for more detailed testing and analysis.

Provide units identical with final condition of proposed materials or product for the work. Include "range" samples (not less than 3 units) where unavoidable variations must be expected, and describe or identify variations between units of each set. Provide full set of optional samples where the OWNER's selection is required. Prepare samples to match the OWNER's sample where indicated. Include information with each sample to show generic description, source or product name and manufacturer, limitations, and compliance with standards. Samples are submitted for review and confirmation of "kind" by the OWNER. OWNER will not "test" samples (expect as otherwise indicated) for other requirements, which are the exclusive responsibility of the CONTRACTOR.

Miscellaneous submittals related directly to the work (non-Administrative) include warranties, maintenance agreements, workmanship bonds, project photographs, survey data and reports, physical work records, statements of applicability, quality testing and certifying reports, copies of industry standards, record drawings, field measurement data, operating and maintenance materials, and similar information, devices and materials applicable to the Work but not processed as Shop Drawings, product data or samples.

#### 2.05 General Submittal Requirements

#### 2.05.01 Scheduling

Where appropriate in various required administrative submittals (listings of products, manufacturers. Supplier and subcontractors, and in job progress schedule), show principle work-related submittal requirements and time schedules for coordination and integration of submittal activity with related work in each instance.

#### 2.05.02 Coordination of Submittal Times

Prepare and transmit each submittal to the OWNER sufficiently in advance of performing related work or other applicable activities, so the installation will not be delayed or improperly sequenced by processing times, including non-approval and resubmittal (if required). Coordinate with other submittals, testing, purchasing, delivery and similar sequenced activities. No extension of time will be authorized because of CONTRACTOR's failure to transmit submittals to the OWNER sufficiently in advance of the Work.

#### 2.05.03 Sequencing Requirements

As applicable in each instance, do not proceed with a unit of Work until submittal procedures have been sequenced with related units of work, in a manner which will ensure that the action will not need to be later modified or rescinded by reason of a subsequent submittal which should have been processed earlier or concurrently for coordination.

#### 2.05.04 Preparation of Submittals

Provide permanent marking on each submittal to identify project, date, CONTRACTOR, subcontractor, submittal name and similar information to distinguish it from other submittals. Show CONTRACTOR's executed review and approval marking and provide space for the OWNER's "Action" marking. Package each submittal appropriately for transmittal and handling. Submittals which are received from sources other than through the CONTRACTOR's office will be returned "without action."

#### 2.05.05 Transmittal Identification

Number transmittals in sequence for each Division of the Specifications. The number before the dash indicates the Section of the Specifications, and the number after the dash is the sequence number of the transmittal (15140-1 would be the first transmittal applicable to Section 15140 of the Specifications. 15140-02 would be the second transmittal for Section 15140).

Identify resubmittals with a letter of the alphabet following the original number, using A for the first resubmittal, B for the second resubmittal, etc. A resubmittal affecting transmittal 15140-01 would then be numbered 15140-01A. The 15140-01 would then be entered in the space "Previous Transmittal Number", which is left blank except on resubmittals.

#### 2.06 Specific Category Requirements

General. Except as otherwise indicated in the individual work sections, comply with general requirements specified herein for each indicated category of submittal.

Submittals shall be accompanied by a cover sheet which shall contain:

The date of submission and the dates of any previous submissions.

#### CONTRACTOR.

Supplier, manufacturer.

Subcontractor.

Identification of the product, with the Specification Section number.

Field dimensions, clearly identified as such.

Relation to adjacent or critical features of the work or materials.

Applicable standards, such as ASTM or Federal Specification numbers.

Notification to the OWNER in writing, at the time of submission, of any deviations on the submittals from requirements of the Contract Documents.

Identification of revisions on resubmittals.

An 8 inch x 3 inch blank space for CONTRACTOR and OWNER stamps.

CONTRACTOR's stamp, initialed or signed, certifying to review of submittal, verification of products, field measurements and field construction criteria, and coordination of the information within the submittal with requirements of the Work and of Contract Documents.

Submittal sheets or drawings showing more than the particular item under consideration shall have all but the pertinent description of the item for which review is requested crossed out.

Previous transmittal number (for resubmittals only).

#### 2.07 CONTRACTOR Responsibilities

In addition to any other requirements of this section, the CONTRACTOR shall be responsible to:

Review Shop Drawings, product data and samples prior to submission.

Determine and verify:

- Field measurements
- Field construction criteria and required clearances.
- Catalog numbers and similar data.
- Conformance with specifications.

Coordinate each submittal with requirements of the work and of the Contract Documents. Notify the OWNER in writing, at time of submission, of any deviations in the submittals from requirements of the Contract Documents.

Begin no fabrication or work which requires submittals until return of submittals with OWNER approval.

#### 2.08 Routing of Submittals

Submittals and routine correspondence shall be routed as follows:

Supplier to CONTRACTOR (through representative if applicable) for preliminary check.

CONTRACTOR to OWNER for general review or comment.

OWNER to CONTRACTOR.

CONTRACTOR to Supplier.

#### 2.09 Submittal Copies Required

#### 2.09.01 Shop Drawings, Product Data, and Miscellaneous Submittals

All submittals marked "Approved" or "Approved as Noted" will be distributed as follows:

For CONTRACTOR
 For OWNER
 TOTAL
 copies
 copies

To the above number may be added additional copies as required by the CONTRACTOR. The OWNER will mark all copies of each shop drawing.

For non-approval items, such as parts lists and operation or maintenance manuals, 3 copies are required, unless specified otherwise.

#### 2.09.02 Samples

Copies: Two, unless otherwise specified in individual specifications.

Preparation: Mount, display, or package Samples in manner specified to facilitate review of quality. Attach label that includes the following:

- Manufacturer name
- Model number
- Material
- Sample source
- Full-size Samples
- Size as indicated in individual specification section. Prepared from same materials to used for Work. Cured and finished in manner specified. Physically identical with product proposed for use.

#### 2.10 Review of Submittals

Review time: Allow a minimum of two (2) weeks for the OWNER's initial processing of each submittal requiring review and response, except allow longer periods where processing must be delayed for coordination with subsequent submittals. The OWNER will advise the CONTRACTOR promptly when it is determined that a submittal being processed must be delayed for coordination. Allow two (2) weeks for reprocessing each submittal. Advise the OWNER on each submittal as to whether processing time is critical to progress of the Work, and therefore the Work would be expedited if processing time could be foreshortened.

#### OWNER's Action:

Final Unrestricted Release. Work may proceed, provided it complies with contract documents, when submittal is returned with the following:

Marking: "Approved" – No Exceptions Taken.

Final-But-Restricted Release. Work may proceed, provided it complies with notations and corrections on submittal and with contract documents, when submittal is returned with the following:

Marking: "Approved as Noted" – Exceptions Taken as Noted.

Returned for Resubmittal. Do not proceed with Work. Revise submittal in accordance with notations thereon, and resubmit without delay to obtain a different action marking. Do not allow submittals with the following marking (or unmarked submittals where a marking is required) to be used in connection with performance of the Work.

Marking: "Revise and Resubmit" – Revise and resubmit. Only two copies of items marked "Revise and Resubmit: will be reviewed and marked. One copy will be retained in the OWNER's office and the other copy with all remaining unmarked copies will be returned to CONTRACTOR for resubmittal.

#### SECTION 3 - CONSTRUCTION, MATERIALS AND EQUIPMENT SPECIFICATIONS

#### 3.0 GENERAL

#### 2.01 Scope

All construction, materials and equipment shall conform to the State of Alabama Department of Transportation's latest Edition of Standards Specification for Highways Construction and all Supplements thereto and are hereby referred to and by reference incorporated herein and made a part of these specifications as fully as if the same were set out at length herein. A copy of these Specifications for Highway Construction above referred to is on file in the Office of the City Engineer for examination and copies may be obtained from the Alabama Department of Transportation. The Alabama Department of Transportation Specifications shall be adhered to unless otherwise set out in these Specifications or as directed by the City of Tuscaloosa Office of the City Engineer.

Compaction – In place density requirements for Asphalt shall be waived; density shall be to the satisfaction of the Office of the City Engineer.

Where "ALDOT" appear in the Specifications, it refers to the Alabama Department of Transportation, Standard Specification for Highways Construction, Latest Edition and all supplements thereto.

Where "AASHTO" appears in these Specifications, it refers to the American Society of Testing and Materials.

Where "Engineer" is referenced in these Specifications, it refers to the City of Tuscaloosa, Office of the City Engineer.

Material and Construction for Detectable/Tactile Warnings shall meet the requirements for Detectable Warnings where required by the ADA Accessibility Guidelines as set out in these Specifications.

#### **SECTION 4 – ASPHALT MATERIALS**

#### 4.0 BITUMINOUS PLANT MIX

#### 3.01 Scope

The work required under this Section consists of furnishing and placing all materials and other items necessary for repairing and resurfacing all asphalt surfaces as shown on the plans, specified herein, or as directed by the Engineer. All materials used in the work shall be new, unused material that will meet the requirements described in Division 400 of ALDOT.

### NOTE: A job mix formula shall be submitted by the Contractor for approval by the Engineer prior to starting work under the Contract.

#### 3.02 Surface Preparation

All potholes, weak, failed or disturbed areas shall be repaired with the proper patches throughout the extent of the potholed, weak, failed or disturbed area, as determined by the Engineer. The failed areas shall be properly tacked and repaired using full depth asphalt concrete to ensure strength equal to or exceeding that of the surrounding pavement structure. All patches shall be carefully placed and adequately compacted to produce a uniform layer of the overlay. All grass and vegetation shall be removed and herbicide applied to retard growth where required by the Engineer. All areas that are to be resurfaced shall be thoroughly swept with a power broom or other approved equipment to remove to the greatest extent practical any dirt, dust, or debris, prior to the placement of any asphalt overly. All curb and gutter and sidewalks shall be cleaned both before and after the resurfacing operation.

#### 3.03 Tack Coat

This includes the placing of Emulsified Asphalt Tack Coat treatment on all surfaces and edges to be patched or resurfaced, or as directed by the Engineer. Surface treatments called for by these Specifications in Section 24 or as directed by the Engineer shall meet the requirements of Division 400 and 800, and Section 401 of ALDOT.

#### 3.04 Leveling

Any distortions in the exiting surface such as knots and depressions shall be corrected. The surface shall be brought to the proper elevation using the #424 Superpave Bituminous Concrete Plant Mix Wearing Surface. The area to be leveled shall be prepared as per the Specifications concerning bituminous plant mix surface. The finished surface of the leveling shall comply Section 410 with special reference to Sub-section 410.03 (c), paragraph 3, Leveling and Subsection 410.05, Surface Edge Requirements, of the A.L.D.O.T Standard Specifications.

#### 3.05 Superpave Bituminous Concrete Wearing Surface

The Superpave Bituminous Concrete Wearing Surface Layer for Leveling and Resurfacing shall conform to Division 400, Section 424 Superpave Bituminous Concrete Wearing Surface of the A.L.D.O.T Standard Specification, Latest Edition and as shown in Section 28 of these Specifications and as required in the Notice to Bidder Section of these Specifications.

#### 3.06 Superpave Bituminous Concrete Binder Layer

The Superpave Bituminous Concrete Binder for Full Depth Patching shall conform to Section 424 Superpave Bituminous Concrete Binder Layer of the ALDOT Standard Specifications and as shown in Section 27 of these specifications.

3.07 Measurement for 424 Superpave Bituminous Concrete Binder and Wearing Surface Layers

The accepted quantity of Hot Mixed Asphalt used as directed will be measured in U.S. Customary units of 2,000 pounds per ton.

3.08 Payment for 424 Superpave Bituminous Concrete Wearing Surface Layers

Payment for 424 Superpave Bituminous Concrete Wearing Surface Layer shall be made at the unit price bid respectively and shall be compensation in full for cleaning and preparation of the existing pavement, tack coat, equipment, labor and tools necessary to furnish and install the bituminous paving complete.

Bituminous Material Price Index/Asphalt Index: The Asphalt Index Price for 424 Superpave Bituminous Concrete Binder, Leveling, and Wearing Surface Layers shall not apply to this Contract.

3.09 Payment for 424 Superpave Bituminous Concrete Binder Layer (Full Depth Patching)

Payment for 424 Superpave Bituminous Concrete Binder Layer (Full Depth Patching) used to patch weak or broken up areas shall be paid for at the unit price bid and shall be compensation in full for materials, tack coat, equipment, labor and tools necessary to furnish and install the bituminous concrete binder complete. This shall include any milling or sawing and all excavation and removal from the job site of all unsuitable material including excavation and removal of concrete from existing streets if required under this Contract and/or as directed by the Engineer. Pay Factors for all asphalt required in ALDOT, Section 410 (Hot Mix Asphalt Pavement) shall not apply to this Contract. Concrete removed from any roadway that is to be replaced with concrete shall be paid for at the unit price bid for the respective item of work.

## SECTION 5 - Concrete Curb & Gutter, Sidewalk, Driveways, Valley Curb, Type "N" Curb, and Valley Gutters

#### 4.01 Description

This section shall cover the removal and replacement and the installation of the Concrete Driveways, Combination Curb and Gutter, Type "N" Curb, Type "C" (Modified, 2'-0"), Sidewalk, Valley Curb, and Concrete Valley Gutters as directed by the Engineer. All concrete from the demolition of any of the aforementioned items shall be removed from the site and disposed of by the Contractor as directed by the Engineer. All grassed areas adjacent to the concrete work that are disturbed during construction shall be repaired using grass, sod, or a material of the type matching the surrounding lawn or area. Concrete forms shall be removed and all voids filled and tamped using the appropriate materials (topsoil or asphalt) around new concrete work and the voids left by any forms no later than seven (7) calendar days after placing of new concrete.

#### 4.02 Material

All materials used in this work shall be new, unused materials that will meet the requirements describe in Divisions 200, 400, 500, and 800 of ALDOT. Materials used for the aforementioned items shall conform to the special reference in Sections 501 and 623 of the ALDOT. All concrete used for the aforementioned items shall be Class "C", 3000 psi concrete mix. The forms used shall be metal forms (except in radial sections) straight, and free from wraps and of sufficient strength to hold the concrete true to line and grade without distortion. Forms shall be cleaned and oiled with suitable oil immediately before concrete is placed against them.

When directed by the Engineer, Mail Boxes shall be moved and stored in a safe location or moved to a new location until construction has been completed.

#### 4.03 Finish

All concrete surfaces for the aforementioned items shall receive a Broom Finish.

Measurement for Combination Curb & Gutter (Modified 2'-0") and Type "N" Curb remove and replace shall be measured in Linear Feet to the nearest 1/10 foot along the base of the curb face or along the flow line of the gutter continuing on such line across driveways, alley ways, and other entrances. Measurements for Combination Curb & Gutter Type "C" (Modified 2'-0") shall be measured in Linear Feet to the nearest 1/10 foot along the base of the curb as set out above. Measurement for Concrete Valley shall be measured both longitudinally and transversely and computed to the nearest 0.1 Square Yard.

#### 4.05 Payment

Payment for the items in this section shall be made at the unit price for the item of work, respectively and shall be compensation in full for all materials, equipment, labor and tools necessary to remove broken concrete and unsuitable materials, furnish, install and finish new concrete complete. The removal and disposal from the job site of all broken concrete and unsuitable materials shall be the responsibility of the Contractor, and is considered incidental to the Contract and no extra compensation will be made for this item of work. The repairs to the existing lawns or any irrigation system damaged during construction shall be considered as incidental to the concrete work and no additional compensation will be made for this item of work. All sanitary sewers damaged by the construction shall be paid for at the contract unit price bid for the item of work and shall be compensation in full for all labor, materials, tools, and equipment including any crushed aggregate used to bed and backfill around the sanitary sewer pipe. Payment for Mail Box removal, relocation, and replacement shall be at the Contract unit price bid and shall be payment in full for removal, relocation, and replacement of the Mail Box. Damage to any Mail Box during the removal, relocation and replacement shall be the responsibility of the Contractor and no extra compensation will be made for the repair o replacement of the Mail Box.

#### SECTION 6 – MANHOLE RING & COVERS AND WATER VALVE BOXES RESET

#### 5.01 Scope

This shall consist of adjusting to grade all existing manhole covers and water valve boxes belonging to the City of Tuscaloosa that are located within the roadways to be resurfaced under this Contract. The Manhole Rings & Covers and the Water Valve Boxes shall be reset, adjusted to a grade that will match the grade of the newly resurfaced streets. They shall be adjusted well in advance of the resurfacing operation.

The reset, adjustment to grade of any structures interfering with or in conflict with the proposed resurfacing project other than those mentioned above shall be the responsibility of the individual utility companies.

All work shall be done in a workmanlike manner by competent workmen and the unit reestablished in proper working order at its new elevation. Any manhole cover, water valve box or other material broken, destroyed, lost or rendered unfit for re-use through carelessness, negligence, or improper handling of the work shall be replaced by the Contractor without extra compensation.

Manhole Rings & Covers or Water Valve Boxes that appear to be damaged or in bad repair prior to the reset or adjustment to grade operation, shall be called to the attention of the City Inspector and a replacement will be furnished by the City at no charge to the Contractor.

Manhole covers shall be raised using only brick and 1:3 cement mortar. At no time shall adjusting the rings be used to adjust manholes to grade without prior written approval from the Engineer.

Manhole covers and water valve boxes shall not be adjusted to grade more than seventy-two (72) hours prior to resurfacing of the street. If for any reason the street cannot be resurfaced with seventy-two (72) hours after the manhole covers or water valve boxes have been raised, the Contractor shall re-adjust the manhole covers and water valve boxes back to grade until resurfacing can be accomplished.

The use of Pre-cast Manhole Riser Rings and Water Valve adjusting rings shall be by approval of the Engineer. Samples of the type Riser Ring proposed for use shall be furnished for inspection and shall be approved in writing by the Engineer.

#### 5.02 Measurement

The number of acceptable Manhole Covers and Water Valve covers measured for payment will be the actual number of accepted Manhole Covers and Water Valve covers reset (adjusted to grade), complete in place.

#### 5.03 Payment

Manhole Cover and Water Valve cover reset shall be paid for at the respective Contract unit price bid for the respective item of work, which shall be payment in full for all materials, equipment, tools, labor, and incidentals necessary to complete the work.

#### **SECTION 7 - ASPHALT SHOULDER REPAIRS AND RESTORATION (Widening)**

6.01 Scope

This will include restoration and repair to road shoulders and shall consist of the following: clipping, grading, scratching, and compacting road shoulders without curb and gutter to insure proper drainage off and away from the asphalt roadway.

At no time during the clipping or grading operation shall any dirt or debris be allowed to spill over into the existing drainage ditches. Excess dirt and debris shall be graded or pulled back onto the existing roadway, then picked up and removed by the Contractor immediately.

Clipping, blading of grass and excess soil from the shoulder, as directed by the Engineer, shall be completed in advance of the resurfacing operations. The removal of excess material shall be carried out in such a manner as not to pose a safety hazard to the motoring public.

The sub-grade or underlying layer of Shoulder material shall be prepared by scratching lightly of the existing surface to aid the bonding effect.

Where directed by the Engineer, the Shoulders shall be graded to a depth of approximately one (1) inch below the existing wearing surface of the street, or if the Shoulder already exceeds a depth of two (2) inches, then it shall be scarified and Soil Aggregate Base, Type "A" or Crushed Aggregate Base Course, Type "B" shall be used to bring the Shoulder to the proper grade. The Shoulder shall then be shaped and compacted to the satisfaction of the Engineer. Water shall be applied as directed by the Engineer to aid in the compaction of any loose or dry Shoulder material. The machine grading shall continue until the Shoulder is completed and conforms to the lines and grades as directed by the Engineer. Unless otherwise directed by the Engineer, slopes for Shoulders shall match the existing Shoulder Slopes.

The existing street surface shall be swept with a power broom or other approved equipment as needed, then the edges of the existing asphalt pavement shall be trued, cleaned, and tacked and 424 Superpave Bituminous Concrete Wearing Surface placed at a rate of approximately Two Hundred and Twenty (220) pounds per Square Yard, or two (2) inches thickness after compaction. Shoulders shall be approximately Four (4) feet wide unless otherwise directed b the Engineer.

Bituminous Treatment "A J G" may be used on Shoulders when directed by the Engineer. Where Bituminous Treatment "A J G" is used, the existing Shoulders shall be prepared as follows. The Shoulder shall be graded or clipped to remove all vegetation to a width and depth determined by the Engineer, scarified and Soil Aggregate Base Type "A" shall be used as needed to restore the Shoulder to the proper elevation and grade. The Shoulder shall then be shape, watered and compacted to the satisfaction of the Engineer. Water may be applied as directed by the Engineer to aid in the compaction of any loose or dry shoulder material. The machine grading shall continue until the Shoulder is compacted and conforms to the lines and grades as directed by the Engineer. Pre-Emergent Herbicide Treatment (see Section 21) shall be applied when and as directed by the Engineer. The slopes for the Shoulder shall match the existing Shoulder slopes unless otherwise directed by the Engineer.

All Shoulders shall be scored as directed by the Engineer. The scoring shall consist of creating impressions, or grooves, at regular intervals in the Shoulder pavement surface. The creation of the grooves shall be made by roller or cutter as directed by the Engineer. All grooves shall be

made perpendicular to the pavement edge and produce a pavement surface having uniform grooves of the dimension and spacing as specified in Division 400, Section 428 of ALDOT.

#### 6.02 Material

The material used for Shoulder restoration shall be 424 Superpave Bituminous Concrete Wearing Surface. When directed by the Engineer, Bituminous Treatment "A J G" meeting the requirements of Division 400, of ALDOT, may be used. Borrow Excavation and Soil Aggregate Base, Type "A" or Crushed Aggregate Base, Type "B", all as described in these Specifications and according to Division 300 and 800 of ALDOT. The type of material used to repair Shoulder shall be determined by the Engineer in the field.

#### 6.03 Payment

Payment for Shoulder restoration will be made at the Contract unit price for the respective items for work such as 424 Superpave Bituminous Concrete Wearing Surface Layer, Bituminous Treatment Type "A", Bituminous Treatment "J" or Bituminous Treatment "G", Borrow Excavation or Soil Aggregate Base Type "A" or Crushed Aggregate Base Type "B". Items such as grading, shaping, compacting and watering of the existing material, and scoring of the new asphalt shoulders shall be considered as incidental to the Contract and no extra compensation shall be made for these items of work.

#### **SECTION 8 - TRAFFIC CONTROL**

#### 7.01 Scope

The Traffic Control Plan and all traffic control devices shall conform to the Federal Manual on Uniform Traffic Control Devices for Streets and Highways, Latest Edition. A copy of which is on file in the Office of the City Engineer for examination. The Traffic Control Plan must be submitted to the Office of the City Engineer for approval before any construction begins on the project.

#### 7.02 Payment

Traffic control is considered as incidental to the project at no extra compensation will be made for this item.

#### SECTION 9 - REMOVAL OF DEBRIS, CLEANING, ETC

#### 8.01 Scope

The Contractor shall periodically(weekly) or as directed by the Engineer during the progress of the work, remove and legally dispose of all surplus excavated materials and debris and keep the project area and the right-of-way reasonable clear. Upon completion of the work, he shall remove all temporary construction facilities, debris, and unused materials provided for the work and put the entire work site and public right-of-way in a neat and clean condition. Trash burning on the site of the work will be subject to prior approval of the Engineer, and existing State and Local Regulations. This shall include removing from the gutters any debris caused by sweeping the streets and placing of the plant mix seal.

All streets, curbs & gutters, and sidewalks shall be cleaned both before and after the placement of the Bituminous Plant Mix Material.

#### 8.02 Payment

The removal of debris and cleaning of streets and of the work sites is considered, as incidental to the Contract and no extra compensation shall be made for this work. The removal of concrete pavement and curb shall be paid for under the unit price bid for that item of work.

#### **SECTION 10 - RUBBER TIRED ROLLER REQUIRED**

#### 9.01 Scope

The use of a self-propelled pneumatic tired roller in conjunction with a steel wheel roller shall be required on all resurfaced areas. Resurfacing operations SHALL NOT commence without the pneumatic tired roller being on site and in good working order.

#### 9.02 Payment

The use of the rubber tired roller is considered as incidental to the Contract and no additional payment will be made for this work.

#### SECTION 11 - TRAFFIC STRIPES, TRAFFIC CONTROL MARKINGS AND LEGENDS

#### 10.01 Description

This section shall cover the work of furnishing all materials and the application of the materials to form either temporary or permanent traffic stripes, or traffic control markings and legends in the substantial conformity with the Plan details and these Specifications at the locations shown on the Plans as directed by the Engineer. All traffic striping and control markings and legends shall meet the requirements set out in Division 700 and 800 of the ALDOT and as called for and/or otherwise noted in these Specifications.

A roadway shall not be opened to traffic without a traffic strip unless otherwise approved by the Engineer. Existing lane lines covered by paving operations shall be replaced with temporary stripes. Temporary edge lines will not be required unless directed by the Engineer.

#### 10.02 Materials

The materials for the temporary stripes and markings and legends shall be reflective Permanent Traffic Marking Materials (Class 1, List V-4) or Removable Tape (List 3) complying with the provision of Division 700 and 800 with special reference to Sections 856 and 857 of ALDOT.

The materials for standard or permanent traffic stripes and markings and legends shall be (Thermoplastic) Class 2, Type "A", complying with Division 800 with special reference to Section 856 and 857 of ALDOT. Thermoplastic shall not be placed during rain or mist or if the pavement surface is wet. The pavement surface temperature shall be at least 50 degrees F and rising before application will be allowed.

All construction shall meet the requirements set out in Division 700, and all materials shall meet the requirements set out in Division 800 with special reference to Sections 856 and 857 of ALDOT.

#### 10.03 Method of Measurement

The method of measurement shall be as set out in Division 700, Section 701.04 of ALDOT. All work acceptably completed under this Contract will be measured by the Engineer according to the U.S. Standard Measures and Weights.

#### 10.04 Payment

Payment for Traffic Stripes and Traffic Control Markings and Legends both temporary and permanent shall be paid for at the respective Contract unit pride bid for each class and type specified by the Plans or s directed by the Engineer. The Contract unit price bid for the respective items of work shall be full compensation for furnishing and installing the striping, traffic control legends, traffic control markings, removing striping and pavement markings (if required) and for all materials, equipment, labor, and incidentals necessary to complete the work.

#### **SECTION 12 - AGGREGATE**

11.01 Course Aggregate for Bituminous Pavement

Course Aggregate for bituminous paving mixtures shall meet the requirements of Section 429.02 and Division 800, Section 801 of ALDOT.

Maximum aggregate size 1/2" (9.5 mm) mix design

11.02 Fine Aggregate for Bituminous Pavement

Fine Aggregate for bituminous paving mixtures shall meet the requirements of Section 429.02 and Division 800, Section 802 ALDOT.

11.03 Bituminous Materials

All Bituminous materials used in this project shall meet the requirements of Section 429.02 and Division 800, Section 804 ALDOT.

Binder grade shall be PG 67-22.

NOTE: Where RAP is used in the mix design, gradation of the aggregates in the RAP and compensation for the binder content shall be made in order to meet the requirements of the specifications.

#### SECTION 13 - OVERLAY OF CONCRETE STREETS

#### 12.01 Description

This covers the preparation required when concrete streets are to be overlaid using superpave bituminous concrete wearing surface layer.

All existing asphalt shall be removed by milling or other approved methods, unless otherwise directed by the Engineer.

Any failed areas in the street shall be repaired using full depth asphalt patching. Any area of the concrete that protrudes above the normal profile of the street shall be removed and patched with full depth asphalt.

All joints and cracks in concrete streets shall be prepared by cleaning and be filled using approved materials according to the following:

All joints and cracks ¼" wide or wider in the existing streets shall be cleaned of all loose debris, joint material, vegetation and dirt. Blow out joints and cracks with compressed air with a minimum of 90 psi. The surface around the joints and cracks shall be clean and dry prior to filling. After joints and cracks are cleaned using hand squeegee and a broom, fill (do not overfill) with Emulsion Slurry or Liquid Asphalt (SS-1, SS01h) mixed with sand. When cured, seal with liquid asphalt using a pouring pot and a hand squeegee, and sprinkle with dry sand.

#### 12.02 Payment

Milling of the existing asphalt on concrete streets as described in Section 26 of these Specifications for Planing (Milling) of Existing Pavements, shall be paid for at the unit price bid for that respective item of work.

Repairs to failed areas using full depth patching will be as described in Section 27, Bituminous Concrete Binder Layer (Full Depth Patching) and shall be paid for at the unit price bid for the respective item of work. When the milling machine is used in the process of full depth patching, no payment will be made for milling for 424 superpave bituminous concrete binder layer used to patch the street.

The joint and crack preparation, sealing, clean up and removal of RAP material and or other debris shall be considered as incidental to the Contract and no extra compensation will be awarded for these items of work.

#### SECTION 14 - SOIL AGGREGATE and CRUSHED AGGREGATE BASE COURSES

#### 13.01 Base Course

The Soil Aggregate and Crushed Aggregate Base shall meet the requirements described in Division 300, Bases, Section 301 of ALDOT. When thoroughly compacted the base course shall have a thickness as directed by the Engineer and be compacted to 100% Standard Density unless otherwise directed by the Engineer. Tests will be made in the pit and after the base is in place. On sections of the base that fail to meet the specifications, additional materials may be added and thoroughly mixed to bring the base within allowable limits. Excess materials over and above the cross section shall be removed from the work. The type of base material used shall be as designated by the Engineer.

#### 13.02 Materials

All base materials shall meet the requirements of Division 300, Bases, and Division 800, Materials with special attention to Section 824, Soil Aggregate Base Materials, (Type "A") Road Mixed, and Section 825, Crushed Aggregate Base Course Type "B" Plant mixed of ALDOT.

Areas that are to receive a Soil Aggregate Base Course shall be brought to sub-grade elevation and sub-grade compacted to 98% Standard Density before base material is placed. Areas where a Base course is used to repair Shoulders the sub-grade shall be prepared and compacted as directed to the satisfaction of the Engineer.

#### 13.03 Method of Measure

Measurement for soil aggregate base, Type "A" shall be by the cubic yard, loose volume of the material measured in the hauling vehicle at the point of use. Measurement for crushed aggregate base shall be per ticketed ton.

#### 13.04 Payment

The unit measurement is denoted "Complete in Place", which is an end result requirement. The Contract unit price bid shall be full compensation for furnishing all component material in whatever proportion necessary to produce and place the base material, in accordance with the requirements specified, complete in place.

The Soil Aggregate Base Course Type "A", and Crushed Aggregate Base, Type "B" placed and compacted will be paid for at the unit price for the respective items and shall be compensation in full for hauling, placing, shaping, watering and compacting.

#### **SECTION 15 - BORROW EXCAVATION**

#### 14.01 Description

The work under this Section shall cover the excavation, hauling, disposal or compaction of all materials not being removed under some other item which is encountered within the limits of the work and is necessary for all construction in accordance with these Specifications and in reasonably close conformity with the lines, grades, thickness and typical cross sections shown on the plans or established by the Engineer. All excavation covered in this section will be classified as "Borrow Excavation", as herein described. This borrow excavation is to be used to establish the required shoulder elevations and slopes as called for on the plans or as directed by the Engineer.

#### 14.02 Material

Prior approval of all borrow sources must be given; however this does not relieve the Contractor from the full responsibility for the quality and quantity of the material used. Materials for borrow shall be in accordance with the following.

Only suitable, approved material shall be used in this work. The Engineer shall be the sole judge of the suitability of materials and may require such selection of material as may be necessary to insure a satisfactory slope.

After the clearing and grubbing of the sloped area has been complete, all cavities or low places in the slope shall be backfilled and compacted.

Layers of material used to form the slope shall be compacted to 95% Standard Density or as directed by the Engineer. Strict moisture control will not be required; however, it will be the Contractor's responsibility to maintain the moisture content necessary to satisfactorily compact the material. Compaction in a semi-dry condition will not be permitted.

#### 14.03 Finishing and Dressing

All completed work shall be dressed and maintained substantially to lines, grade, and cross sections shown on the plans or as directed by the Engineer. Slopes shall be shaped, rounded, finished or trimmed in a neat workmanlike manner to conform to the slope lines on the Plans or as directed by the Engineer. Care shall be exercised that no material be loosened beyond the required slopes.

Compensation for all items such as finishing, grading, dressing, disposal and compaction shall be included in the Contract unit prices and no direct payment will be made for this work.

#### 14.04 Method of Measurement

Measurement for all accepted borrow excavation will be by the cubic yard, loose volume, of the material in the hauling vehicle at the point of use as specified by the unit measure of the pay item.

#### 14.05 Payment

Payment for Borrow Excavation shall be made at the Contract unit price bid for Borrow Excavation (A-3 or Better), per cubic yard, loose measured in the hauling vehicle, at the point of use, placed, compacted and finished to a reasonably smooth and uniform surface and to the satisfaction of the Engineer.

#### **SECTION 16 - TOPSOIL**

#### 15.01 Scope

This Section shall cover the work of furnishing topsoil material, and incorporation of topsoil material into the work as planting material on slopes, shoulders, and any areas disturbed while removing and replacing concrete curbs and gutters or other uses. A three (3) inch thick layer (average) shall be placed on disturbed areas, or as directed by the Engineer.

The use of the item "Topsoil" requires the Contractor provide the material from sources he has obtained.

Basic work consists of loading, hauling, spreading, manipulation, and compacting the Topsoil material, all in accordance with these Specifications, to line, grade and cross section indicated on the Plans or as directed by the Engineer.

#### 15.02 Material

Topsoil is defined as a natural, workable, friable, loamy soil with admixture of subsoil, refuse, or foreign materials, reasonably free from hard lumps, stiff clay, hardpan, gravel, noxious weeds, brush, or other undesirable materials, and suitable for growing grass, legumes, or other vegetative ground cover.

Acceptable Topsoil shall have demonstrated by the occurrence upon it of healthy vegetative growth that is well drained, and that does not contain toxic amounts of acid, alkaline, or other phototoxic elements. The area from which the topsoil is secured shall possess such uniformity of soil depth, color, texture, drainage and other characteristics as to offer assurance that, when removed in quantity, the product will be homogeneous in nature and of acceptable quality.

#### 15.03 Construction Requirements

All construction including furnishing, hauling, conditioning of the area, placing, compacting, and maintenance of topsoil shall be as called for in Section 650.03 of ALDOT.

#### 15.04 Payment

Payment for Topsoil used to repair damaged areas shall be paid for at the unit price bid for Topsoil, per cubic yard, loose measured in the hauling vehicle at the point of use and shall be payment in full for furnishing, hauling, ground preparation, placement, finished to a reasonably smooth and uniform surface, labor, equipment, tools, and any incidentals necessary to complete the project to the satisfaction of the Engineer.

#### SECTION 17 - TEMPORARY EROSION CONTROL

## 16.01 Scope

The scope of the work is to provide, establish, and maintain BMP's for temporary erosion control as determined by the Contractor and approved by the Engineer. The Contractor shall submit to the Engineer a copy of the erosion control plan for his approval, in writing. This shall be a detailed plan for accomplishment of acceptable erosion control on the project prior to the preconstruction conference.

The Contractor shall be responsible for obtaining and complying with all storm water permits, where required, on all Contractor selected material pits, waste areas, plant sites, haul roads and other off site areas selected by the Contractor to construct the project.

#### 16.02 Materials

Silt Fence consist of a woven wire fabric, mounted on a post with geotextile filter attached to the fence fabric, or a geotextile filter attached to post by means of adjustable belts or loops or other means that will securely hold the geotextile filter in an upright position. The construction method shall produce an acceptable fence with the fabric securely attached to the post. The Silt Fence shall be installed as per Section 665.03 (k) of ALDOT, at the locations shown on the erosion control plan or as directed by the Engineer.

Hay Bales shall be securely anchored by the use of stakes and wire or other approved methods. Hay Bales shall be placed as shown on the erosion control plan or as directed by the Engineer.

#### 16.03 Payment

Temporary erosion control shall be considered as incidental to the Contract and no additional payment will be made for this item of work.

#### **SECTION 18 - SOLID SODDING**

## 17.01 Scope

This shall consist of furnishing, placing, planting, or otherwise establishing solid grass sodding in various locations throughout the construction limits of the work where any area of established sod has been disturbed by any construction on this project. Areas to be seeded or sodded shall be determined by the Engineer. This shall include ground preparation, fertilizer, placing, watering as per Section 651 and 654.03 of ALDOT.

#### 17.02 Materials

All Materials shall meet the requirements of Division 800, Materials of ALDOT, with specific reference to Section 860. Type of sod to be used shall be determined based on the type of existing sod or grass in the surrounding area or as directed by the Engineer. The Contractor shall be responsible for watering and maintaining the sodded areas until the project is accepted by the Engineer.

## 17.03 Payment

Repairs to damaged areas of sod or grass shall be paid for at the Contract unit bid price for the respective item of work and shall be compensation in full for furnishing the sod, ground preparation, fertilizing, placing, watering and maintaining the sodded areas.

#### **SECTION 19 - SEEDING**

## 18.01 Scope

Seeding shall cover the work of furnishing, planting, and establishing an acceptable stand of grass from a species of approved seeds for protection of the project. Basic work shall consist of ground preparation, fertilizing, furnishing, and inoculations, and planting of seeds during the designed planting season, and the covering, compacting, watering and maintaining of the seeded areas as per Section 651 and 652 of ALDOT.

#### 18.02 Materials

All materials furnished for use shall comply with the requirements of Division 800, Materials of ALDOT, with special reference made to Section 860. The Engineer shall determine seed Mix used to repair areas disturbed by the construction. The Contractor shall be responsible for watering and maintaining all seeded areas until the Engineer accepts the project.

## 18.03 Payment

Seeding used to repair damaged areas shall be considered as incidental to the Contract and no extra compensation shall be made for this item of work. This includes furnishing of the seed, ground preparation, fertilizing, planting, watering and maintaining the seed areas.

#### **SECTION 20 - PRE-EMERGENT HERBICIDE TREATMENT**

#### 19.01 Scope

Pre-emergent herbicide treatment shall cover the work of furnishing and applying soil active herbicide(s) on City right-of-way in accordance with the Plans, Specifications, and Materials label instructions or as directed by the Engineer.

#### 19.02 Materials

Materials furnished for use in this vegetation control shall be produced by reputable, recognized manufacturers and registered by the U.S. Environmental Protection Agency. Materials shall be licensed for use in the State of Alabama. All herbicides shall be labeled for right-of-way use. Only potable water shall be used for dispensing the herbicide. The use of herbicides other than those dispensed with a water carrier, such as granules, pellets, powders, capsules, etc. shall be placed as indicated on the product label at locations as directed by the Engineer.

## 19.03 Construction Requirements

The Contractor shall utilize equipment in this Contract that is good working condition and is suitable and safe for accurately dispensing the herbicide and performing the work required.

Spot spraying by means of handguns, backpack sprayers, portable tanks, etc. shall be capable of applying the herbicide solution at the designated rate or as directed by the Engineer. The herbicide solution shall contain the correct herbicide to carrier ratio and shall be applied at a uniform rate in accordance with the label instruction and as directed by the Engineer. Spraying will not be permitted when, in the opinion of the Engineer, soil, vegetation, and/or weather conditions are such that the vegetation would be damaged or spraying would be ineffective.

The Contractor shall be responsible for any damage to public or private property, which may occur as a result of the spraying operation.

Two copies of the product label and material safety data sheets shall be furnished. One copy of each will be furnished to the Engineer and one copy will be kept with the vehicle applying the herbicide at all times.

No spraying shall be undertaken when the wind velocity is 5 mph or greater, during rain, when rain is imminent, or when foliage is wet.

The Contractor shall take extreme caution to insure that herbicide does not enter any lakes, streams, ponds, or wetlands.

The Contractor shall assume all liability for any damage resulting from the application of the herbicide for this project and shall hold the City harmless for any claims arising from the damage. It is illegal to place herbicide in a manner that is not consistent with the requirements shown on the herbicide container labeling.

## 19.04 Method of Measurement

Measurement will be by the square vard of dispensed solution.

## 19.05 Basis of Payment

Payment for all satisfactorily completed work of pre-emergent herbicide application as specified, and measured as provide above, will be paid for at the Contract bid price which shall be full compensation for furnishing all labor, equipment, herbicide, carrier, and incidentals necessary to complete the work.

#### **SECTION 21 - SIDEWALKS**

#### 20.01 Description

This Section shall cover the work of constructing a Portland cement concrete sidewalk or driveway, all in accordance with the plans and as directed by the Engineer. The sidewalk shall be placed in one course on a prepared subgrade in accordance with these Specifications, and of the thickness and typical cross-section shown on the Plans or as directed by the Engineer. Lines and grades shall be established in the field. "Subgrade" in this Section shall mean the prepared foundation on which the sidewalk or driveway is constructed.

#### 20.01 Materials

All materials shall meet the requirements of ALDOT, Division 800, Materials, and the following Concrete shall meet the requirements for a Class 2 Mix (3,000 psi) as described in Section 501, ALDOT.

#### 20.03 Construction Requirements

The requirements for equipment, subgrade, foundation, material, setting forms, handling, measuring, proportioning, mixing materials, placing concrete, joints, curing, protecting, and backfilling, shall meet the requirements of ALDOT Section 618. Sidewalks shall be 6" thick and marked at 5" intervals using an approved marking tool.

ADA approved detectable warnings shall be placed in the sidewalk as directed by the Engineer and as called for in Section 22 of these Specifications.

#### 20.04 Method of Measurement

The quantity of accepted sidewalk or drive way will be measured, complete in place, and the area computed in square yards.

## 20.05 Payment

The accepted quantity of 6" thick sidewalk or 6" thick driveway shall be paid for a the Contract unit price bid for the respective item of work, complete in place, which shall be payment in full for furnishing all materials (including joints), for hauling, preparation, and placing all materials, for the preparation of the subgrade backfilling and for all labor, equipment, tools, and incidentals necessary to complete the work.

## **SECTION 22 - ADA DETECTABLE/TACTILE WARNING SURFACES**

#### 21.01 Description

Cast in place Detectable/Tactile Warning Surfaces on walking surfaces shall consist of raised truncated domes meeting the requirements of Section 4.29 of the American Disabilities Act, and as shown on the Plans or as directed by the Engineer.

#### 21.02 Materials

Detectable Warning Surfaces shall consist of raised truncated domes with a diameter of nominal 2.35 inches (60 mm) and shall contrast visually with the adjoining surfaces, either light on dark or dark on light. The material used to provide contrast shall be an integral part of the walking surface and provides a 70% contrast in light reflectance between the detectable warning and the adjoining surface. Color of the Detectable Warning Tiles is to be RED, and the shade or color shall be approved by the City Engineer.

The Detectable Warnings shall be Cast-In-Place/Tactile Warning Surfaces, as manufactured red by Armor-Tile, or approved equal. All materials shall meet the requirements of the detectable warning on walking surfaces section under the American with Disabilities Act (ADA) (Title III Regulations, 28 CFR Part 36 ADA Standards for Accessible Design, Appendix A, Section 4.29.2 Detectable Warnings on Walking Surfaces).

## 21.03 Construction Requirements

Cast in place detectable warnings shall be placed at locations as determined by the Engineer. The detectable warnings shall be 24" X 36", running in the direction of travel. The cast in place detectable warning tiles shall be installed as per the manufacturer recommendation.

#### 21.04 Payment

Payment for the acceptable Detectable/Tactile Warnings installed shall be at the Contract unit price bid for the item of work. This price shall be compensation in full for the furnishing of all materials and the installation and construction thereof, and for all labor, tools, equipment and incidental necessary to complete the work.

## **SECTION 23 - SPEED TABLES REMOVAL AND REPLACEMENT**

#### 22.01 Scope

This Section shall cover the work of removing and replacing Speed Tables on the street to be resurfaced. All speed tables required to be removed and replaced shall be done in a workmanlike manor and constructed as per the standard detail in the Contract Drawings.

#### 22.02 Materials

The materials used to replace any broken or damaged speed tables shall meet the requirements of the City of Tuscaloosa and be of a size and type of material matching the type currently in service, or as approved by the Engineer. Rubberized speed tables removed and discarded under this contract shall be replaced with asphalt speed tables as per the standard detail in the Contract Drawings.

## 22.03 Construction Requirements

The speed tables shall be removed and replaced in a neat and workmanlike manner. Replacement speed tables shall be constructed as per the standard detail in the Contract Drawings.

#### 22.04 Payment

Payment for the accepted Speed Tables removed and replaced shall be at the Contract unit price bid for the item of work, and shall be compensation in full for the furnishing of all materials and the installation and construction thereof, and for all labor, tools, equipment and incidentals necessary to complete the work. Payment for construction of the speed table shall include associated striping as per the standard detail in the Contract Drawings.

## SECTION 24 - BITUMINOUS TREATMENTS "G", "JG", AND "AJG"

#### 23.01 Description

The work covered by this Section shall consist primarily of placing a Bituminous Treatment "A", "G", and "J" or any combination of these treatments. These treatments are to be placed on portions of various streets and road shoulders located throughout the project, where shown on the Plans or in the Specifications, or where directed by the Engineer.

The Bituminous Treatment "G" may be placed over failed areas of existing asphalt streets as directed by the Engineer.

The Bituminous Treatment "A" shall be placed over based areas that are to receive Superpave Bituminous Asphalt Treatments or as directed by the Engineer. Areas receiving the Type "A" Treatment (Prime Coat) shall meet the requirements of Division 400 and 800 of ALDOT both for material and workmanship.

The Bituminous Treatments, "AJG" shall be placed on road shoulder after they have been properly prepared and approved by the Engineer. The shoulders shall be clipped or filled, brought to proper grade, rolled and compacted as required. The Bituminous Treatment "AJG" shall be approximately feet (4') wide, and placed where and as directed by the Engineer.

The Bituminous Treatments, "AJG" shall be placed on unpaved areas where shown on the Plans, in the Specifications or where directed by the Engineer. It shall include shaping and compacting the existing surface, addition of base material if necessary, (base material to be paid for under respective Contract Bid Item for Base Material) and applications of the "AJG" surface treatments may also receive a layer of 424 Superpave Bituminous Plant Mix Wearing Surface. The Superpave Bituminous Plant Mix Wearing Layer shall be paid for at the respective Contract Bid Item.

#### 23.02 Materials and Construction Requirements

All materials and construction requirements shall conform to Division 400, Section 401 (Bituminous Surface Treatments) and the Bituminous Treatment Table of the ALDOT.

#### 23.03 Payment

Payment for this item shall be made at the contract unit price bid for the respective item or items of work and shall be compensation in full for all labor, materials, equipment and tools necessary to furnish and install these items complete. The Asphalt Price Index SHALL NOT apply to this item of work.

#### **SECTION 25 - TACK COAT**

#### 24.01 Description

The work under this Section shall cover the furnishing and placing of a bituminous tack coat on an existing surface which is to be covered by a bituminous plant mix material in accordance with these Specifications and in reasonably close conformity with the lines shown on the Plans or as directed by the Engineer.

The work shall include the cleaning of the existing surface prior to application of the tack coat. The area of treatment and the rate of application of a tack coat shall be based on the Plans and Specifications after evaluating the actual surface condition on which the plant mix overlay is to be placed.

#### 24.02 Materials

Bituminous material for tack coat shall be Emulsified Asphalt Type NTSS-1HM **OR**Performance Graded Asphalt Binders meeting the requirements of ALDOT Special Provision 06-0175(2). The cationic grades CRS-2, CRS-2h, CSS-1, CSS-1, CSS-1h, CQS-1h, CQS-1hp shall be used. If Emulsified Asphalt is used, the emulsion shall not be diluted prior to application. Unless shown otherwise on the Plans (See Notes on the Plans and in the Notice to Bidders, in the Technical Specifications), the Contractor shall have the option of using any of the allowable bituminous materials, subject to other limitations of these Specifications. In making the selection of materials, the Contractor shall take into consideration seasonal, weather, temperature, and other placement conditions, while keeping in mind that SS stands for slow setting, RS stands for rapid setting, and QS stands for quick setting (QS is the faster setting or breaking emulsion). Low temperature and humid or damp conditions will retard the breaking or setting of all emulsions. The mixing of a cationic and an anionic emulsion will result in failure of emulsion materials. All materials shall meet the requirement of Section 804, ALDOT.

## 24.03 Construction Requirements

## 1) EQUIPMENT

In general it shall be the Contractor's responsibility to select the proper size and amount of equipment to provide the desired results. Equipment furnished shall meet the requirements of Sub-article 401.03(a) of the ALDOT Specifications.

- 2) SEASONAL, NIGHTIME, WEATHER, AND TEMPERATURE LIMITATIONS The bituminous tack material shall be applied in conformity with the following:
  - a. SEASONAL Grades NTSS-1HM, CSS-1 and CSS-1h Emulsified Asphalts shall not be placed between the dates of October 1<sup>st</sup> and April 1<sup>st</sup> regardless of weather conditions. These seasonal conditions shall not apply to the placement of other bituminous materials for tack allowed by article 24.02.
  - b. NIGHTTIME Grade CSS-1 and CSS-1h Emulsified Asphalts shall not be used for tack during night time paving operations.
  - c. WEATHER Tack material shall not be applied on a wet surface or when, in the Engineer's opinion, conditions are not suitable. NTSS-1H may become slippery when wet.
  - d. TEMPERATURE Temperature requirements for placement for tack coat material shall be the same as specified in Section(s)\_\_\_\_\_ for plant mixed pavements. NTSS-1HM shall not be used for cold applied asphalt pavement.
- 3) PREPARATION OF EXISTING SURFACE

Loose material, dust, dirt, and all foreign matter shall be removed from the surface to be treated. Approval, by the Engineer, of the surface before application of the tack material is required.

## 4) APPLICATION

Tack coat cationic materials shall be applied in an amount from 0.08 gallons per square yard up to a maximum of 0.10 gallons per square yard for emulsified asphalt and from 0.05 gallons per square yard up to a maximum of 0.08 gallons per square yard for asphalt binder. Tack coat anionic materials shall be applied in an amount from 0.06 gallons per square yard up to a maximum of 0.10 gallons per square yard. When tacking new, freshly laid pavement, the Engineer may approve reducing the above minimum requirements. Unless approve otherwise by the Engineer, the application temperature shall be  $120^{\circ}\text{F} - 170^{\circ}\text{F}$  for cationic emulsified asphalts,  $150^{\circ}\text{F} - 180^{\circ}\text{F}$  for anionic emulsified asphalts; and 275°F – 350°F for Performance Graded Asphalt Binders. The NTSS-1HM asphalt emulsion shall be covered as soon as practical. An asphalt distributor shall be provided for use on all accessible areas; inaccessible areas such as around manholes, etc. may be coated by other approved methods. When applying tack coat, it shall be applied to all contact surfaces of curbs, gutters, manholes, and adjacent pavement edges, whenever and to the extent directed. Adjacent surfaces, such as gutters and the like, that are not to be in contact with the mix, shall be adequately protected from the spray by means of heavy paper securely fastened in place or other satisfactory means. Any such surface soiled by tack coat material shall be cleaned and restored to its previous condition without additional compensation. Tack coat material shall b3e spread only for far enough in advance to permit the construction to progress consistently, uniformly, and continuously after the curing period and shall not be applied so far in advance that the viscous quality will be reduced by traffic prior to construction thereon. Tack coat that loses its viscous quality before being covered shall be renewed and any which has been damaged shall be replace without extra compensation.

#### 24.04 Method of Measurement

Measurement for the purpose of checking coverage of the tack coat during placement shall be measured in gallons on the distributor at the site.

#### 24.05 Payment

The work in this section shall be considered as incidental to the contract and no extra compensation shall be made for this item of work. The Asphalt Price Index shall not apply to this item of work.

## **SECTION 26 - PLANING (MILLING) OF EXISTING PAVEMENT**

## 25.01 Description

All Planing (milling) of existing pavement and the payment for planning shall conform to Division 400, Section 408 of ALDOT.

All surplus materials and grinding residue shall become the property of the Contractor and shall be removed from the job site and disposed of in a manner satisfactory to/or as directed by the Engineer. Removal of surplus material from job site and stockpiling of the material shall be considered as incidental to the planing and no extra compensation shall be awarded for these items.

Planing of existing asphalt pavement shall be to a depth of 0.00" to 4.00" and shall include planing of existing asphalt overlay on concrete pavements where required. The existing pavement shall be removed in a manner that will restore the pavement surface to a uniform longitudinal profile and cross section as directed by the Engineer.

Any street that receives planing shall be resurfaced with plant mix within five (5) days after planing operation, or as directed by the Engineer. In the event of inclement weather, planing operations shall not take place unless it is to be covered immediately with plant mix and prior to exposure.

Any area of a street in which the planing operation extends below the existing asphalt layer into the base material shall be repaired immediately by covering the exposed areas using Bituminous Treatment "G", Bituminous Plant Mix 424 Wearing Surface overlay, or as directed by the Engineer.

#### 25.02 Payment

The planing 0.01" thru 0.04" thick of pavement ordered and accepted will be paid for at the Contract unit price bid which shall be full compensation for the planing, the transporting and stockpiling of the removed surplus material, the removal of grinding residue, and the satisfactory disposal thereof, the cleaning of the pavement, curb & gutter, driveways, yards and for all materials, equipment, tools, labor and incidentals necessary to complete the work. All planed material shall become the property of the Contractor.

# SECTION 27 – 424 SUPERPAVE BITUMINOUS CONCRETE BINDER LAYER (PATCHING)

#### 26.01 Description

The work covered by this section shall consist of a hot bituminous plant mixed wearing layer placed prepared surface and to be covered by a bituminous wearing surface in accordance with these Specifications and in reasonable close conformity with the lines, grades, typical cross section and the approximate number of pounds per square yards as called for in the Specifications or as directed by the Engineer. This material will be used primarily in the full depth patching operation.

#### 26.02 Materials

The materials furnished for use shall conform to the requirements of Division 400, Section 410 and 424, and Division 800 of ALDOT. All mixes in this section shall meet the requirements set out in Section 424.02 and 424.03 of ALDOT, 3/4" maximum size aggregate designed on the fine side of the restricted zone. A maximum of 40% RAP is allowed for substitution in the mix design. The Contractor is required to furnish a mix design and have it approved by the Engineer prior to performing any work under this Contract.

## 26.03 Payment

Payment for this item shall be made at the Contract unit price bid for Superpave Bituminous Concrete Wearing Surface Layer (Binder) and Section 109.03(e) of ALDOT. The Contract unit prices for bituminous materials shall be based on the asphalt prices at the time of the bid opening. The monthly "Asphalt Index" furnished by ALDOT will be used to address fluctuations in the cost of the bituminous materials during the life of the project. Where a milling machine is used to remove the failed or weak portion of the street, no extra payment will be made for the milling operation. Milling will be considered as incidental to the patching operation.

## SECTION 28- 424 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER

#### 27.01 Description

The work covered by this section shall consist of constructing a hot bituminous concrete wearing surface layer on a prepared surface in accordance with these Specifications and in reasonable close conformity with the lines, grades, typical cross section and the approximate pounds per square yard shown on the plans or as directed by the Engineer.

#### 27.02 Materials

The materials furnished for use shall conform to the requirement of Section 410, and 424 and Division 800 of ALDOT and Section 12 of these Specifications, gradation from 3/8" (9.5 mm) nominal maximum size mix. All mixes in this section shall be designed on the fine side (densegraded mix) of the restricted zone. The job mix shall be designed meeting the requirements set out in sub-section 424.02.e.2 Voids in Mineral Aggregate and sub-section 424.02.e.3 Liquid Asphalt Binder Content. Mix shall have a minimum VMA of 16, and be designed on the fine side of the restricted zone as shown in sub-section 424.02.e.2. **Mix shall have a PG 67-22** binder grade with a V<sub>a</sub> of 6%. Mix shall be designed using the 50 gyration Superpave Design Method, unless noted otherwise on the Plans or directed by the Engineer. A maximum of 25% RAP is allowed for substitution in the mix design. Adjustments for gradation of RAP aggregate and binder content shall be made in the mix design in order to meet the requirements of these specifications.

All aggregates shall meet the requirements of Sub-section 424.02, Materials, and Division 800 with specific attention to Sections 801 and 802, ALDOT.

A job mix formula shall be submitted by the Contractor and be approved by the Engineer prior to any work under this Contract.

#### 27.03 Payment

Payment for this item shall be made at the Contract unit price bid for Superpave Bituminous Concrete Wearing Surface Layer and Section 109.03(e) of ALDOT. The Contract unit prices for bituminous materials shall be based on the asphalt prices at the time of the bid opening. The monthly "Asphalt Index" furnished by ALDOT will be used to address fluctuations in the cost of the bituminous materials during the life of the project.

## **SECTION 29 - DUAL WALL CORRUGATED HDPE PIPE (PERFORATED)**

## 29.01 Description

HDPE dual wall corrugated pipe shall have smooth interior and annular exterior corrugations.

- 4" through 10" shall meet AASHTO M252, Type S or SP
- 12" through 60" shall meet AASHTO M294, Type S or SP or ASTM F2306
- Manning's "n" value for use in design shall be 0.012.

Pipe shall be joined using a bell & spigot meeting AASHTO M252, AASHTO M294 or ASTM F2306. The joint shall be soil-tight and gaskets, when applicable, shall meet the requirements of ASTM F477. Gaskets shall be installed by the pipe manufacturer and covered with a removable wrap to ensure the gasket is free from debris. A joint lubricant supplied by the manufacturer shall be used on the gasket and bell during assembly.

Fittings shall conform to AASHTO M252, AASHTO M294 or ASTM F2306. Bell and spigot connections shall utilize4 a spun-on or welded bell and valley or saddle gasket meeting the soil-tight joint performance requirements of AASHTO M252, AASHTO M294 or ASTM F2306.

#### 29.02 Materials

Virgin material for pipe and fitting production shall be high density polyethylene conforming with the minimum requirements of cell classification 424420C for 4- through 10-inch diameters, or 435400C for 12- through 60-inch diameters, as defined and described in the latest version of ASTM ED3350, except that carbon black content should not exceed 4%. The 12- through 60-inch diameter virgin pipe material shall comply with the notched constant ligament-stress (NCLS) test as specified in Sections 9.5 and 5.1 of AASHTO M294 and ASTM F2306, respectively.

#### 29.03 Installation

Installation shall be in accordance with ASTM D2321 and manufacturer recommended guidelines, with the exception that minimum cover in trafficked areas for 4- through 48-inch diameters shall be one foot, and for 54- through 60-inch diameters, the minimum cover shall be 2 feet in single run applications. Backfill for minimum cover situations shall consist of Class 1, Class 2 (minimum 90% SPD) or Class 3 (minimum 90% SPD) material. Maximum fill heights depend on embedment material and compaction level; please refer to manufactures guidelines.

## 29.04 Payment

Payment for this item shall be made at the contract unit price bid for the respective item or items of work and shall be compensation in full for all labor, materials, equipment and tools necessary to furnish and install these items complete.

## **NOTICE TO BIDDERS**

Some of the items of work required in this contract consist of the restoration of and placing of Bituminous Treatment "J-G" and/or #424A Superpave Bituminous Concrete Wearing layer on road shoulders, scoring road shoulders, repairing weak areas of the road with full depth asphalt patch or Bituminous Treatment "G", shaping and compacting of existing road bed and application of Bituminous Treatment "AJG", concrete curb & gutter, planning (milling), grassing, erosion control, and resurfacing with #424A Superpave Bituminous Concrete Wearing Layer, certain streets for the City of Tuscaloosa as called for in these plans and specifications and as directed by the Engineer.

The City of Tuscaloosa reserves the right to add or delete all or any part of any street indicated to be resurfaced and to specify the order in which the various streets are to be resurfaced. The order or sequence of the work shall be submitted to and approved by the Engineer well in advance of the work. If the Contractor does not perform any work under this contract for more than 14 consecutive calendar days without written approval by the Office of the City Engineer, it may constitute termination of the contract or back charges to the contract by the City of Tuscaloosa for work performed by the City of Tuscaloosa or its authorized representatives to complete all or portions of the work under this contract.

The Contractor shall meet all requirements of the City of Tuscaloosa Department of Transportation and the requirements specified in the MUTCD, with regard to signs, flagmen, detours, permits, etc.

It shall be the responsibility of the Contractor to clean all streets and curbs of any dirt, debris, gravel, planed (milled) residue, etc.: other than piles of leaves and trash. This shall be done both before and after the resurfacing, and all debris shall be removed and disposed of by the Contractor. This shall include all dirt and debris caused by the road shoulder restoration.

On streets where curb and gutter are not present, the shoulders shall be clipped or built up when necessary, prior to resurfacing, and Bituminous Treatment "J-G", "AJG" or #424 Superpave Bituminous Wearing Surface placed as directed by the Engineer.

All irregularities in the street surfaces, such as potholes, cracks, etc., shall be repaired well in advance of the paving operation, as called for in these specifications.

All surface areas not receiving the Type "G" Treatment shall be prepared and a tack coat applied in accordance with Section 25 of the Specifications.

All construction, materials, batching plant and equipment used to produce and place the 424 Superpave Bituminous Concrete Binder, and Wearing Surface Layers shall conform to the Alabama Department of Transportation's Standard Specifications for Highway Construction latest edition and all Supplements thereto and are hereby referred to and by reference incorporated herein and made a part of these specifications as fully as if the same were set out at length herein. A copy of the Alabama Department of Transportation's Standard Specifications for Highway Construction above referred to are on file in the Office of the City Engineer for examination, and copies may be obtained for the Alabama Department of Transportation.

Existing asphalt at bridge ends shall be removed by Planning (Milling) to a minimum depth of 1", for a distance of 75' or as directed by the Engineer, to insure full depth of Bituminous Concrete Wearing Surface. Before the new layer of Bituminous Concrete Binder or Wearing Surface is placed, the sub-grade shall be inspected by the Engineer. If the sub-grade is found to be unsuitable to receive the new Bituminous Concrete Surface, repairs to sub-grade shall then be made as directed by the Engineer.

All work required to produce acceptable transverse joints and joints at bridge ends shall be considered as incidental to the Work and no extra compensation shall be awarded.

The unit price bid shall include all labor, material and tools necessary for cleaning and preparing the existing surfaces, patching, filling cracks, preparing bridge ends, leveling, restoring road shoulders, placing of Bituminous Treatment "A", "J" and "G", planning (milling), resurfacing and final clean-up as called for in these specifications and as directed by the Engineer.

The resurfacing work around school sites shall be carried out when schools are not in session. The order of work at these sites shall be submitted in writing to and approved by the Engineer. Work in these areas shall be performed from May 31<sup>st</sup>, 2016 to August 11<sup>th</sup>, 2016 for City and County Schools, and between May 9<sup>th</sup>, 2016 and August 5<sup>th</sup>, 2016 for the University of Alabama.

## A job mix formula shall be submitted by the CONTRACTOR and approved by the Engineer prior to laying any Asphalt Plant Mix for this Contract.

All joints and cracks in concrete streets shall be cleaned and filled with approved crack filler. In areas designated by the Engineer, broken or raised concrete slabs shall be removed and replaced using #424 Superpave Bituminous Concrete Binder Layer (to be paid for at the unit price bid, before overlaying with #424 Superpave Bituminous Concrete Wearing Surface Layer. Planning (milling) of raised joints may be required as well as planning (milling) of the asphalt overlay over portions of the concrete pavement. It will also be necessary to remove and replace some concrete curb and gutter and some concrete valley gutter (these items to be paid for at the unit price bid for respective items of work).

Where ALDOT or ADOT appears in the Specifications, it refers to the Alabama Department of Transportation, Standard Specifications for Highway Construction, Latest Edition and all supplements thereto.

The bidders should give special attention to Article III, Time, in the Contract Documents, especially Time of Completion and Liquidated Damages. This Section will be strictly enforced and no extension of time will be considered unless it is requested and documented as required under Article III. Liquidated Damages will be deducted by the owner from the partial and/or final payments to the contractor for all days over the contract time as stated in the Contract Documents or as extended by an approved Change Order.

When Bituminous Surface Treatment is to be placed (types "G", "JG", or "AJG" treatment), the following requirements will apply:

- a) No Bituminous Surface Treatment shall be placed unless the air temperature is 40°F and rising.
- b) When the air temperature is between 40°F and 60°F, the use of CRS-2, emulsified asphalt liquid shall be used, regardless of seasonal restrictions.

- c) Where Bituminous Treatment Type "A" is required Emulsified Petroleum Resin (E.P.R.) meeting the requirements of Division 400, Section 401 of ALDOT Standard Specifications will be acceptable.
- d) Crushed Limestone Aggregate shall be used for Bituminous Surface Treatment "G" and "J".
- e) All work acceptably completed under this contract will be measured by the Engineer according to United States Standard Measures and Weights, unless otherwise provided.
- f) Pay Factors for Asphalt shall not apply to the contract. Payment for Hot Mix Asphalt Pavement shall be made at the contract unit prices bid for the respective item or items of work and shall be considered compensation in full for all materials, equipment, labor and tools necessary to produce a complete and satisfactory project.
- g) The Density requirements for asphalt specified in Division 400 (Surfacing and Pavements), Section 410 (Hot Mix Asphalt Pavements) of ALDOT, shall be waived for this contract, except in the case where a road has been labeled for reconstruction. Density requirements for asphalt pavements shall be to the satisfaction of the Engineer. Roller pattern (number and/or frequency of passes and/or vibration) shall be established in the field and approved by the Engineer at the beginning of the project and shall become the standard for the entirety of the project, unless specific conditions arise that warrant a change.

## 2017 City Wide Streets Resurfacing List City of Tuscaloosa

No.	Sheet No.	STREET NAME or AREA	FROM	то
1	3	7th Ave.	17th Street	End
2	4	Metro Park Dr.	Hwy 69 S	End
3	5	23rd Street E	McFarland Blvd	5th Ave. E
4	2	Northridge Rd.	Rice Mine Rd.	Rice Valley Rd.
5	2	Stonebrae Dr.	Rice Mine Rd.	End
6	1	Newport Dr.	Rice Mine Rd.	End
7	2	Valley Forge Rd.	Saratoga Ln.	End
8	3	Shady Ln.	13th Street	End
9	3	16th Ave.	Bryant Dr.	13th Street
10	5	Lynwood Pk.	13th St. E	14th St. E
11	5	11th Street E	21st Ave. E	25th Ave. E
12	5	Denny Street East	24th Ave. E	End
13	5	Fairway Dr 9th Ave East	South side of bridge	To End
14	6	Old McGee Rd.	Skyland Blvd	End
15	6	34th St East (off Woodland Road)	Woodland Rd.	35th St. E
16	5	18th Ave. E	Veterans Pkwy.	Kicker Rd.
17	6	26th Street E	Juniper Ln	End
18	7	Abbey Trace	All	All
19	4	40th Street	Greensboro Ave	End
20	4	Highland Oaks Dr.	James I. Harrison Pkwy	5th Ave. E
21	4	5th Ave.	James I. Harrison Pkwy	Highland Oaks Dr.
22	4	35th St.	Highland Oaks Dr.	5th Ave. E
23	4	5th Ct.	James I. Harrison Pkwy	35th St.
24	4	3rd Ave.	James I. Harrison Pkwy	Highland Oaks Dr.

	ALTERNATE #1					
25	1	Waterfall Pkwy	As Directed	As Directed		