# CONTRACT DOCUMENTS AND SPECIFICATIONS FOR

### PROJECT NO. 148170 C4 & TMUA-W 19-10 P2 & ES 2019-11 RIVERWEST PHASE III & IV NEIGHBORHOODS INITIATIVE

#### ATTENDANCE AT PRE-BID CONFERENCE IS MANDATORY

PREPARED BY:
Wallace Structural Consultants, Inc
123 North Martin Luther King Jr. Blvd
Tulsa. OK 74103

(918) 584-5858 ph (918) 627-1347 fax Jordan Rodich, P.E.



# PAUL D. ZACHARY, P.E., DIRECTOR ENGINEERING SERVICES DEPARTMENT

Account Numbers: 2059FR0002.OthSvs.GrntOut.PFImp.20001244-534013; 148170.LandImp.405.4053122-541103; 2131W0016Z.WaterDist.Water.7400.74003122-541101; 2131S0006Z.SewerLines.Sewer.7500.75003122-541101

Engineering Services Department 2317 South Jackson Avenue Tulsa, Oklahoma 74107 (918) 596-9565

#### **CONTRACT DOCUMENTS**

# PROJECT NO. 148170 C4 & TMUA-W 19-10 P2 & ES 2019-11 RIVERWEST PHASE III & IV NEIGHBORHOODS INITIATIVE

#### **ENGINEERING SERVICES DEPARTMENT**

INDEX TO BIDDING DOCUMENTS	<u>PAGE</u>
NOTICE TO BIDDERS INSTRUCTION TO BIDDERS RESOLUTION 18145 PROVIDING FOR THE EMPLOYMENT OF	NTB-1-2 IB-1-6
RESOLUTION 18145 PROVIDING FOR THE EMPLOYMENT OF RESIDENTS OF THE METROPOLITAN STATISTICAL AREA SBE UTILIZATION INSTRUCTIONS RESOLUTION NO. 7404 AFFIDAVIT OF COMPLIANCE AFFIDAVIT FOR 50% RESIDENT RESOLUTION NONCOLLUSION AFFIDAVIT BUSINESS RELATIONSHIP AFFIDAVIT INTEREST AFFIDAVIT PROPOSAL CERTIFICATE OF SECRETARY CONSENT OF MEMBERS SALES TAX EXEMPTION DOCUMENT EXTENSION OF TIME REQUEST CONTRACT PERFORMANCE BOND STATUTORY BOND MAINTENANCE BOND AFFIDAVIT FOR CONTRACT/CLAIM	R-1-3 UI-1-11 RAC-1 RRA-1 NA-1 BR-1 IA-1 P-1-8 CS-1 CM-1 STED-1 ETR-1 C-1-4 PB-1-2 SB-1-2 MB-1-2 AC-1

#### **GENERAL PROVISIONS AND SPECIFICATIONS**

ORDINANCE #23427 1-8

OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2009 EDITION.

CITY OF TULSA ENGINEERING SERVICES CONSTRUCTION SPECIFICATIONS – OCTOBER 2013

#### **FEDERAL REQUIREMENTS**

DAVIS BACON	DB-1-5
SAMS REQUIREMENTS	SAM-1-2
HUD/CDBG FUNDING REQUIREMENTS	1-19
URBAN DEVELOPMENT SIGN	UDS-1

#### **SPECIAL PROVISIONS**

SUPPLEMENTAL CONTRACT REQUIREMENTS	SCR-1
INSURANCE REQUIREMENTS	IR-1
GENERAL	G-1-4
TIME FOR COMPLETION	TC-1-3
ADJUSTMENTS FOR ROADWAY UTILITIES W/DETAILS	ARU-1-3
COLD MILLING BITUMINOUS PAVEMENT	CMBP-1-2
CONTRACTOR'S QUALITY CONTROL	CQC-1-3
COLD WEATHER CONCRETE CURING	CWCC-1
COLD WEATHER CONCRETE PLACEMENT	CWCP-1
HANDICAP RAMP	HR-1
HIGH EARLY STRENGTH CONCRETE	HESC-1-2
HOT MIX ASPHALT	HMA-1
JOINT/CRACK SEAL OF PCC STREETS W/SILICONE	JCSPC-1-2
MINIMUM ASPHALT RETAINED STRENGTH	MARS-1
OWNER ALLOWANCE	OA-1
PATCHING OF CONCRETE AND ASPHALT STREETS	PCAS-1-4
PAVING OPERATIONS	PO-1
PERMANENT TRAFFIC SIGNS	PTS-1-3
PRICE ADJUSTMENT FOR ASPHALT BINDER	PAFAB-1-2
REMOVAL OF CASTINGS	RC-1
TACTILE MARKERS/TRUNCATED DOMES	TMTD-1
TREE REMOVAL	TR-1
URBAN RIGHT OF WAY RESTORATION	URWR-1-4
UTILITY RELOCATIONS AND DESIGN ISSUES	URDI-1

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# NOTICE TO BIDDERS SEALED BIDS FOR PROJECT NO. 148170 C4 & TMUA-W 19-10 P2 & ES 2019-11

Notice is hereby given that pursuant to an order by the Mayor of the City of Tulsa, Oklahoma, sealed bids will be received in Room 260 of the Office of the City Clerk, City of Tulsa, 175 E. 2<sup>nd</sup> Street, Tulsa, Oklahoma 74103 until 8:30 a.m. the 18<sup>th</sup> day of December, 2020 for furnishing all tools, materials and labor and performing the work necessary to be done in the construction of the following:

### PROJECT NO. 148170 C4 & TMUA-W 19-10 P2 & ES2019-11 RIVERWEST PHASE III & IV NEIGHBORHOODS INITIATIVE

The entire cost of the improvement shall be paid from Account No.

2059FR0002.OthSvs.GrntOut.PFImp.20001244-534013; 148170.LandImp.405.4053122-541103; 2131W0016Z.WaterDist.Water.7400.74003122-541101; 2131S0006Z.SewerLines.Sewer.7500.75003122-541101

A **MANDATORY** Pre-Bid Conference is scheduled for **Wednesday**, **December 2**, **2020 at 9:00 a.m.** and will be held through video conferencing with Microsoft Teams, invitation presented on the City of Tulsa's website at this link:

https://www.cityoftulsa.org/government/departments/engin eering-services/construction-bids/ 148170 C4 & TMUA-W 19-10 P2 & ES 2019-11 RIVERWEST PHASE III & IV NEIGHBORHOODS INITIATIVE

Attendance at the Pre-Bid Conference is MANDATORY. Bids will not be received from contractors who did not attend the Pre-Bid Conference.

Bids will be accepted by the City Clerk from the holders of valid pre-qualifications certificates from the City of Tulsa in one or more of the following classifications: **A or D** 

Drawings, specifications and contract documents for construction of said public improvements of the said project have been adopted by the Mayor of said City. Copies of same may be obtained at the Office of the Director of Engineering Services at the City of Tulsa Engineering Services, 2317 South Jackson, Room 103, North Building, for a non-refundable fee in the amount of \$50.00 made payable to the City of Tulsa by check or money order.

Contract requirements shall include compliance as required by law pertaining to the practice of non-discrimination in employment.

Attention is called to Resolution No. 18145 of August 23, 1988, requiring bidders to commit to the goal of employing on the project at least fifty percent bona fide residents of the City of Tulsa and/or MSA in each employment classification.

Attention is called to Resolution 7404 of November 8, 2006, requiring bidders, their subcontractors and their lower-tier subcontractors to hire only citizens of the United States.

The City of Tulsa itself is exempt from the payment of any sales or use taxes, and pursuant to Title 68 O.S. Section 1356(10), direct vendors to the City are also exempt from those taxes. A bidder may exclude from his bid appropriate sales taxes, which he will not have to pay while acting for and on behalf of the City of Tulsa.

A Certified or Cashier's Check or Bidders Surety Bond, in the sum of 5% of the amount of the bid will be required from each bidder to be retained as liquidated damages in the event the successful bidder fails, neglects or refuses to enter into said contract for the construction of said public improvements for said project and furnish the necessary bonds within thirty days from and after the date the award is made.

The bidder to whom a contract is awarded will be required to furnish public liability and workmen's compensation insurance; Performance, Statutory, and Maintenance bonds acceptable to the City of Tulsa, in conformity with the requirements of the proposed contract documents. The Performance, Statutory, and Maintenance bonds shall be for one hundred percent (100%) of the contract price.

All bids will be opened and considered by the Bid Committee of said City at a meeting of said Committee to be held in the City Council Room of City Hall in said City at 9:00 a.m. on the 18<sup>th</sup> day of December 2020.

Dated at Tulsa, Oklahoma, this 20th day of November 2020

(SEAL)

Christina Chappell
City Clerk

#### **INSTRUCTIONS TO BIDDERS**

#### B-1. BIDS

Each bid Proposal shall be completed electronically on the electronic media provided, then printed, signed and submitted along with the electronic media and the complete bound copy of the contract documents. In the event of a discrepancy between the pricing on the electronic media and hard copy of a Proposal, the hard copy pricing will govern. If electronic media is not provided and the bid Proposal is manual, the bid Proposal shall be submitted in ink. The written words shall govern over the figures if there is a difference between the two. No alterations, additions, or erasures shall be made on the Proposal. Erroneous entries shall be lined out, initialed by the bidder, and the correct entry inserted. The unit price bid must cover all expense for furnishing the labor, materials, tools, equipment, and apparatus of every description to construct, erect, and furnish all work required by and in conformance with the Drawings and Specifications.

Each bid shall be enclosed in a sealed envelope addressed to the City of Tulsa, 175 E. 2<sup>nd</sup> Street, Room 260, City Hall, Tulsa, Oklahoma, identified on the outside with the words:

# PROJECT NO. 148170 C4 & TMUA-W 19-10 P2 & ES2019-11 RIVERWEST PHASE III & IV NEIGHBORHOODS INITIATIVE

Pre-qualification Certificate Number	er <u>,</u>

And shall be filed with the City Clerk in Room 260, City Hall.

All addenda to the contract documents, properly signed by the bidder, shall accompany the bid when submitted.

#### **B-2. BID SECURITY**

Each bid shall be accompanied by a cashier's check, a certified check, or bidder's bond, in the amount of five percent (5%) of the total amount bid.

The bid security shall be made payable, without condition, to the City of Tulsa, Oklahoma. The bid security may be retained by and shall be forfeited to the City as liquidated damages if the bid is accepted, a contract based thereon is awarded, and the bidder fails to enter into a contract in the form prescribed, with legally responsible sureties, within thirty (30) days after such award is made by the City.

#### **B-3** RETURN OF BID SECURITY

The bid security of each unsuccessful bidder will be returned when his bid is rejected. The bid security of the bidder to whom the contract is awarded will be returned when he executes a contract and files satisfactory bonds. The bid

security of the second lowest responsible bidder may be retained for a period of time not to exceed sixty (60) days pending the execution of the contract and bonds by the successful bidder.

#### B-4 <u>WITHDRAWAL OF BIDS</u>

No bidder may withdraw his bid for sixty (60) days after the date and hour set for the opening. A bidder may withdraw his bid any time prior to expiration of the period during which bids may be submitted by making a written request signed in the same manner and by the same person who signed the Proposal.

#### **B-5 REJECTION OF BIDS**

Bids received more than ninety-six (96) hours before the time set for opening bids, excluding Saturdays, Sundays, and holidays, as well as bids received after the time set for opening bids, will not be considered and will be returned unopened.

The City of Tulsa reserves the right to reject any and all bids when such rejection is in the best interest of the City of Tulsa. All bids are received subject to this stipulation and the City reserves the right to decide which bidder shall be deemed lowest responsible bidder.

A violation of any of the following provisions by the bidder shall be sufficient reason for rejecting his bid, or shall make any contract between the City of Tulsa and the Contractor that is based on his bid, null and void: divulging the information in said bid before the bids have been opened; submission of a bid which is incomplete, unbalanced, obscure, incorrect, or which has conditional clauses, additions, or irregularities of any kind not in the original proposal form, or which is not in compliance with the Instruction to Bidders and published Notice to Bidders, or which is made in collusion with another bidder. The City shall have the right to waive any immaterial defects or irregularities in any bid received.

#### **B-6 DISQUALIFICATION OF BIDDERS**

No contract will be awarded to any person or persons, firm, partnership, company, or corporation which is in arrears to the City upon any debt of contract, or in default as surety or otherwise upon any obligation to the City.

#### **B-7 SIGNATURE OF BIDDERS**

Each bid shall be properly signed with the full name of the company or individual submitting the bid, the bidder's address, and the name and title of all persons signing printed below their signature lines. Bids by partnerships shall be signed with the partnership name followed by the signature and title of one of the partners. Bids by corporations shall be signed with the name of the corporation followed by the signature and title of the president, vice president, chairman, or vice chairman of the Board of Directors with attestation by the corporate secretary or assistant corporate secretary. Resolution must be dated no more than 30 days prior to date of signature of the contract/ bond etc. Bids by

05/24/14

joint ventures shall be signed by each participant in the joint venture. Bids by limited liability companies shall be signed with the name of the limited liability company followed by the signature and title of the Manager or Managing Member. Bid by limited partnerships shall be signed with the name of the limited partnership followed by the signature of

the general partner. Note: The signature requirements listed above are for Oklahoma entities; entities organized in other states must follow the law of the state in which they are organized.

A bid by a person who affixes to his signature the word "President", "Manager", "General Partner", "Agent", or other title, without disclosing the name of the company for which he is signing, may be held to be the bid of the individual signing.

#### B-8 INTERPRETATION OF CONTRACT DOCUMENTS

If any person who contemplates submitting a bid is in doubt as to the true meaning of any part of the drawing, specifications, or other proposed contract documents, he may submit to the Engineer a written request for interpretation thereof. The person submitting the request shall be responsible for its prompt delivery. Interpretation of the proposed contract documents will be made only by addendum. A copy of each addendum will be mailed or delivered to each person obtaining a set of contract documents from the Engineer. The City will not be responsible for any other explanations or interpretations of the proposed contract documents.

#### B-9 LOCAL CONDITIONS AFFECTING WORK

Each bidder shall visit the site of the work and shall completely inform himself relative to construction hazards and procedure, labor, and all other conditions and factors, local and otherwise, which would affect prosecution and completion of the work and its cost. Such considerations shall include the arrangement and condition of existing structures and facilities, the procedure necessary for maintenance of uninterrupted operation of existing structures and facilities, the availability and cost for labor, and facilities for transportation, handling, and storage of materials and equipment. All such factors shall be properly investigated and considered in the preparation of the bid. There will be no subsequent financial adjustment for lack of such prior information.

#### **B-10** TIME OF COMPLETION

The time of completion is an essential part of the contract and it will be necessary for each bidder to satisfy the City of his ability to complete the work within the allowable time set forth in the Bid Form. In this connection, attention is directed to the provisions of the General Conditions and Special Conditions relative to delays, extension of time, and liquidated damages.

#### **B-11 QUALIFICATION OF BIDDERS**

No bid will be received and filed by the City Clerk of the City of Tulsa unless the person submitting the bid has been pre-qualified as provided by ordinance, and is the holder of a current certificate of Pre-qualification in force and effect on the date such bid is to be submitted and filed.

#### **B-12 TAXES AND PERMITS**

Attention is directed to the requirements of the General Conditions regarding payment of taxes and obtaining permits. Contractor shall comply with all zoning ordinances of the City, as provided in the Tulsa Zoning Code, Title 42 Tulsa Revised Ordinances and conform with all zoning requirements established by the Tulsa Metropolitan Area Planning Commission and the Board of Adjustment. Contractor can call the Indian Nations Council of Governments (INCOG) at (918) 584-7526, to determine if any zoning requirements must be met.

#### **B-13 OKLAHOMA LEGAL REQUIREMENTS**

The Contractor must comply with the Oklahoma Scaffolding Law, 40 Oklahoma Statues, Sections 174 - 177, which cover erection and use of scaffolds, hoists, cranes, stays, ladders, supports, or other mechanical contrivances.

In accordance with Oklahoma Statutes, Title 68, Section 1701-1707, before commencing any work pursuant to this contract, any nonresident contractor shall give written notice by certified mail, return receipt requested, to the Oklahoma Tax Commission, the Oklahoma Employment Security Commission, the Workers Compensation Court, and the county assessor of each county in which work will be performed. The notices shall comply with the requirements set forth in said statute.

#### B-14 BONDS

The bidder to whom a contract is awarded will be required to furnish bonds as follows:

- a. <u>Performance Bond</u> A Performance Bond to the City in an amount equal to one hundred percent (100%) of the Contract price.
- b. <u>Statutory Bond</u> A Statutory Bond to the State of Oklahoma in an amount equal to one hundred percent (100%) of the contract price.
- c. <u>Maintenance Bond</u> A Maintenance Bond to the City in an amount equal to one hundred percent (100%) of the contract price.

The bonds shall be executed on the forms included in the contract documents by a surety company authorized to do business in the State of Oklahoma and acceptable as Surety to the City of Tulsa.

05/24/14

Accompanying the bonds shall be a "Power-of-Attorney" authorizing the attorney-in-fact to bind the Surety Company and certified to include the dates of the bonds.

#### B-15 BOUND COPY OF CONTRACT DOCUMENTS

The Bid Form or other pages shall <u>not</u> be removed from the bound copy of contract documents. The copy of contract documents filed with each bid shall be complete and shall include all items in the Table of Contents and all addenda.

#### **B-16 EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS**

Each bidder agrees to comply with the terms of Title 5, Chapter 1, Section 111, of the Tulsa Revised Ordinances relating to Non-Discrimination.

#### **B-17 BASIS FOR AWARD OF CONTRACT**

The basis for award of a contract shall be the total base bid submitted by the lowest responsible bidder unless otherwise directed in the form of proposal. The City of Tulsa reserves the right to withhold the awarding of a contract for a reasonable period of time from the date of opening of bids. The awarding of a contract upon a successful bid shall give the bidder no right or action or claim against the City of Tulsa upon such contract until the same shall have been reduced to writing and duly signed by the contracting parties. The award of a contract will not be completed until the contract is duly executed and the necessary bonds and insurance approved.

#### **B-18 TIME FOR AWARDING OF CONTRACT**

The awarding of a contract to the lowest responsible bidder will be made within thirty (30) days after the opening of bids unless the City of Tulsa by formal recorded action and for good cause shown, provides for a reasonable extension to that period, which extension period shall not in any event exceed fifteen (15) days where only state or local funds are involved, or not to exceed ninety (90) days on any award of contract for the construction of public improvements where funds are utilized which are furnished by an agency of the federal government.

#### **B-19 SAFETY AND HEALTH REGULATIONS**

Bidders should note that they are subject to "Safety and Health Regulations for Construction", Chapter XVII of Title 29, CFR, Part 1926 and that compliance, review and enforcement are the responsibility of the U.S. Department of Labor.

The Contractor is fully responsible for the safety of the work site and is expected to train their employees in all applicable safety issues. This should include but not be limited to: trench safety, confined space entry, head protection, etc. In accordance with construction contracts with the City, Authority, Board, or Commission, all applicable Labor and OSHA safety regulations must be followed.

Work sites must be monitored by the Contractor and safety provisions enforced. Contractors are asked to ensure that all employees are properly informed and trained in construction, work site safety.

#### **B-20 VENDORS AND SUBCONTRACTOR IDENTIFICATION**

Where Vendor and Subcontractor Identification Questionnaires are included in the bid documents, each bidder shall submit the Questionnaire directly to the Engineer no later than 5:00 p.m. on the first working day following the bid opening. Failure to submit the questionnaire may render the bid unresponsive and not eligible for award. The award of the Contract will be subject to the acceptability of the vendors and subcontractors listed. If an award is made, the vendors and subcontractors listed on the questionnaire shall be used on the project. No changes in the vendor and subcontractor list will be permitted unless prior consent is obtained from the Engineer.

# B-21 <u>U.S. ENVIRONMENTAL PROTECTION AGENCY NPDES</u> REQUIREMENTS FOR STORMWATER DISCHARGES

The bidder's attention is directed to U.S. Environmental Protection Agency (EPA) NPDES requirements for stormwater discharges. The Contractor shall be responsible for filing a Notice of Intent and development and implementation of a Stormwater Pollution Prevention Plan (PPP).

#### **B-22 AMERICANS WITH DISABILITIES ACT**

The Contractor shall take the necessary actions to ensure its facilities are in compliance with the requirements of the Americans with Disabilities Act (ADA). It is understood that the program of the Contractor is not a program or activity of the City of Tulsa. The Contractor agrees that its program or activity will comply with the requirements of the ADA. Any costs of such compliance will be the responsibility of the Contractor. Under no circumstances will the Contractor conduct any activity, which it deems non-compliant with the ADA.

#### **RESOLUTION NO. 18145**

A RESOLUTION REQUIRING THE INCLUSION IN PLANS AND SPECIFICATIONS FOR PUBLIC IMPROVEMENT CONTRACTS OF PROVISIONS PROVIDING FOR THE EMPLOYMENT OF BONA FIDE RESIDENTS OF THE CITY OF TULSA; AND/OR THE MSA; ALSO PROVIDING THAT AT LEAST OF FIFTY PERCENT (50%) OF EACH CLASS OF EMPLOYEES USED ON A PROJECT BE BONA FIDE RESIDENTS OF THE CITY OF TULSA AND/OR THE MSA; THAT THE DIRECTOR OF THE DEPARTMENT OF HUMAN RIGHTS IS CHARGED WITH ENSURING THAT ALL BIDS FOR PUBLIC CONSTRUCTION CONTRACTS COMPLY WITH THIS RESOLUTION; AND DECLARING AN EMERGENCY.

WHEREAS, City of Tulsa, Oklahoma, desires to achieve a goal of full employment.

WHEREAS, it is necessary for the protection of the health, safety and welfare of all residents of the City of Tulsa, Oklahoma, to accomplish this goal.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE CITY OF TULSA, OKLAHOMA:

SECTION 1. The City of Tulsa is committed to the policy of achieving full employment of its citizens by encouraging the employment of bona fide Tulsa and MSA residents in public improvement contracts.

SECTION 2. Definitions. The definitions of certain terms used in this resolution are as follows:

- a. "Bidding Documents" or "Bid" means the bid notice, plans and specifications, bidding form, bidding instructions, special provisions and all other written instruments prepared by or on behalf of an awarding public agency for use by prospective bidders on a public construction contract.
- b. (i) "Bona Fide Residents" shall include only those persons who are either registered to vote in the City of Tulsa or who have resided within the city limits for at least six months, or who have purchased a permanent residence within the city limits or who have leased a residence for at least a six month term. Residency may be further determined by a valid Oklahoma driver's license, a current Oklahoma license tag, and a valid Oklahoma automobile inspection sticker. (ii) Bona fide residents of MSA shall include only those persons who are registered to vote in outlying MSA areas or who have resided within the outlying MSA area for at least six months, or who have purchased a permanent residence within the outlying MSA areas or who have leased a residence for at least a six month term. Residency may be further determined by a valid Oklahoma driver's license, a current Oklahoma license tag, and a valid Oklahoma automobile inspection sticker.
- c. "Public Construction Contract" or "Contract" means any contract exceeding Seven Thousand Five Hundred Dollars (\$7,500.00) in amount, awarded by the City of Tulsa for the purpose of making any public improvements or constructing any public building or making repairs to the same.
- d. "Public Improvement" means any beneficial or valuable change or addition, betterment, enhancement or amelioration of or upon any real property, or interest therein, belonging to the City of Tulsa, intended to enhance its value, beauty or utility or to adapt it to new or further purposes. The term does not include the direct purchase of materials, equipment or supplies by the City of Tulsa.

AUG 23 1988

e. "MSA". All of the land areas composed of Creek County, Osage County, Rogers County, Tulsa County and Wagoner County.

SECTION 3. Residency Requirements of Contractor's Employees. Every employee and/or agent of the City of Tulsa, Oklahoma, charged or involved with the preparation of plans and specifications for any public impvement funded in whole or in part with funds of the City of Tulsa, is hereby charged to include in said plans and specifications the following provisions which shall be binding upon the successful bidders:

- a. Each bid shall be accompanied by a sworn statement that the bidder is committed to the goal of employing at least 50% bona fide residents of the City of Tulsa and/or the MSA in each classification as determined by the Oklahoma Commissioner of Labor.
- b. The successful bidder will be responsible for having like requirements placed upon any subcontractor.
- c. The successful bidder will submit to the Director or his designated representative of the Department of Human Rights any compliance reports involving the bidder and its subcontractors required by Title 31, Chapter 1, Section 9, of the Tulsa Revised Ordinances. The reports shall include information about the residence of each employee in each laboring and trade class applicable to any City project.

SECTION 4. Unresponsive Bids. The failure to submit the documents required by Section 3 shall render a bid unresponsive. Said documents must be submitted prior to the opening of the bids. The Director of the Department of Human Rights Section of City Development is charged with ensuring that all bids comply with Section 3 prior to the bid opening date.

SECTION 5. Duty of Employees and/or Agents of the City of Tulsa. Any employee and/or agent of the City of Tulsa who fails to include the goals for residency requirements found in Section 3 in the plans and specifications for any public improvement may be subject to disciplinary action, including dismissal.

SECTION 6. Severability. The invalidity of any section, subsection, provision or clause or portion of this chapter, or the invalidity of the application thereof to any person or circumstance shall not affect the validity of the remainder of this chapter or the validity of its application to other persons or circumstances.

SECTION 7. Effect Date. This resolution shall take effect as of July 1, 1988.

SECTION 8. Emergency Clause. That an emergency exists for the preservation of the public peace, health and safety, by reason whereof this resolution shall take effect immediately upon its passage, approval and publication.

PASSED, with the emergency clause ruled upon separately and approved this 23<sup>rd</sup> day of August, 1988.

APPROVED, this <u>23<sup>rd</sup></u> day of <u>August</u>, 1988.

Rodger Randle

Mayor

ATTEST: Philip W. Wood

APPROVED: Neal E. McNeil

Mac E. M.C. Zuce

PASSED, with the emseparately and approved this	23 day	lause rules of Quaga	<del>华</del>	1988.
- APPROVED, this 23	_ day of	_augus	<u>'_</u> '.	1988.
-	IVI	Mayor		<del></del>
ATTEST:				
Boin W.	,			¥
City Abditor				
Real & Wa Tiel	·			
City Attorney				

AUG 23 1988

# (Must be submitted at time of Bid) CITY OF TULSA RESOLUTION NO. 7404 AFFIDAVIT OF COMPLIANCE

	rful age, being first duly sworn, states that
s(he) is the authorized agent of the Compan	y set forth below.
Affiant further states that the Company, in company, in company, shall not hire or knowingly allow any subcontractors to hire anyone who is not a Unanyone who does not have legal status as a project which is the subject of a contract between the contract between the company, in com	United States citizen or legal immigrant or temporary worker to perform work on any
Affiant further states that the Company shall knowingly allow any of its subcontractors of with all applicable laws including, but not lill laws, in the performance of any work on any between the Company and the City of Tulsa	r lower tier subcontractors to fail to comply imited to, labor, employment and taxation y project which is the subject of a contract
Affiant further states that the Company shall City's request, sufficient information and/or Company's compliance with Resolution No contract between the Company and the City	affirmations to allow the City to confirm 7404 relating to the performance of any
	Company:
	Signed:
	Title
SUBSCRIBED and SWORN to before me,	this, 20
	NOTARY PUBLIC
MY COMMISSION EXPIRES:	
COMMISSION NO.:	

Resolution No. 7404 RAC-1

# (Must be submitted at time of Bid) CITY OF TULSA 50% RESIDENT RESOLUTION AFFIDAVIT FOR BID

STATE OF	)		
COUNTY OF	) ss: )		
states that s(he) is the agen Affiant further states that the No. 18145, is committed to residents of the City of Tulsa of Creek, Okmulgee, Osage, Affiant further states that to placed upon any of its subco	at authorized by the too bidder, in complian to the goal of emple and/or the Metrope, Pawnee, Rogers, Todder is responsib	nce with City of a coloring at least coloring at least coloring at least coloring and Wagor coloring and Wagor	the attached bid Tulsa Resolutior 50% bona fide Area (composed ner counties).
BIDDER (Company Name)	SIGNED		
SUPSCRIPED and SWORN	Title	day of	20
SUBSCRIBED and SWORN		OTARY PUBLIC	
MY COMISSION EXPIRES:			
COMMISSION NO.:			

# (Must be submitted at time of bid) NON-COLLUSION AFFIDAVIT

STATI	E OF	) ee.			
COUN	ITY OF	) ss: )			
	, , c	of lawful a	ge, being first duly swor	า, says that:	
1.	I am the duly authorized ager this sworn statement for the collusion among bidders and as facts pertaining to the givin return for special consideration	e purpose between ng or offe	e of certifying facts per bidders and municipal of ring of things of value to	taining to the existence ficers or employees, as we governmental personnel	of ell
2.	I am fully aware of the facts and been personally and directly in bid;			_	
3.	<ul><li>to bid at a fixed price or to</li><li>to any collusion with a in the prospective contract</li></ul>	g bidders o refrain fi ny munici ct, or as to ween bidd	in restraint of freedom o rom bidding; pal official or employee a o any other terms of such ders and any municipal o	f competition by agreeme s to quantity, quality or prion prospective contract; no fficial concerning exchang	ent ce or ge
4.	If awarded the contract, neith control has paid, given or demployee of the City of Tulsa any money or other thing of which the bid is submitted.	onated o or of any	r agreed to pay, give on public trust where the C	r donate to any officer of ity of Tulsa is a beneficiar	or Ƴ,
BIDDE	R (Company Name)		Signed		
			Title		
SUBSO	CRIBED and SWORN to befor	e me this	day of	, 20	
	DMMISSION EXPIRES:	•	NOTARY PUBLIC		

# (Must be submitted at time of bid) BUSINESS RELATIONSHIP AFFIDAVIT

STATE OF	)		
COUNTY OF	) ss: )		
s(he) is the agent authorstates that the nature of presently in effect or white with the architect, engine	orized by the bidder to f any partnership, join ch existed within one (	t venture or other bus 1) year prior to the da	bid. Affiant further siness relationship te of this statement
Affiant further states that existed within one (1) yet director of the bidding engineering firm or other	ear prior to the date of company and any of	of this statement between ficer or director of the	een any officer or
Affiant further states the relationships and the post follows:		•	•
(If none of the business state.)	·	bove mentioned exist	,
BIDDER (Company Name)		Title:	
SUBSCRIBED and SWC	ORN to before me this	day of	, <u>20</u>
MY COMMISSION EXPI	RES:	NOTARY PUBLIC	;
COMMISSION NO.:			

#### **INTEREST AFFIDAVIT**

STATE OF	
COUNTY OF)ss.	
["Services Provider"] to submit the attache employee of the City of Tulsa either direct more in the Services Provider's business of interest. Affiant further states that the follo	wful age, being first duly sworn, state that I am the Architect or provider of professional service ed Agreement. Affiant further states that no officer or ly or indirectly owns a five percent (5%) interest or r such a percentage that constitutes a controlling owing officers and/or employees of the City of Tulsa business which is less than a controlling interest, either
	BySignature
	Title
Subscribed and sworn to before me this	
Notary Public	
My Commission Expires:	
Notary Commission Number:	
County & State Where Notarized:	

The Affidavit must be signed by an authorized agent and notarized.

# ELECTRONIC BID PROPOSAL INSTRUCTIONS - EXCEL SPREADSHEET PROJECT NO. CDBG/HUD GRANT & TMUA-W 19-10 P2 & ES2019-11 P2 RIVER WEST CHOICE NEIGHBORHOODS INITIATIVE PHASE III & IV

#### Please read the following instructions carefully.

- 1. After opening this file re-save it as your company's name.
- 2. Open the BID FORM Sheet from the tabs below.
- 3. Input the unit price of the appropriate pay item in the cells highlighted in blue.
- 4. Review all data input and check calculations to ensure accuracy of Bid.
- 5. Print 1hardcopy of the "PROPOSAL" tab, BID FORM and the "SIGNATURE PAGE" tab.
- 6. Complete and sign the "Signature Page" document.
- 6. Submit hardcopy and electronic disk with Contract Documents and Specifications for Bid opening date.

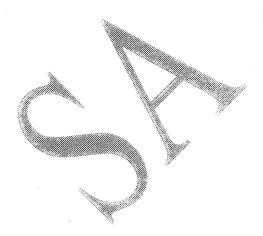
#### AGREEMENT FOR USING ELECTRONIC BID PROPOSAL

By and Between: Wallace Structural Consultants, Inc., (ENGINEER) and RECIPIENT. The enclosed electronic media is provided pursuant to your request and is for your limited use in connection with your submittal of Bid Proposal for Project No. 148170 & TMUA-W 19-10 & ES2019-11 RIVERWES PHASE III & IV NEIGHBORHOODS INITIATIVE. In no event shall the information be used for any other purpose or be released to third parties without the written consent of the ENGINEER. In the event of a discrepancy between the hard copy and this electronic media at delivery or in the future, the hard copy shall govern. ENGINEER hereby disclaims any and all liability for the consequences from use of the electronic media and makes no warranty or guarantee of accuracy. RECIPIENT shall assume full responsibility for the uses and consequences of the electronic media. It is agreed that ENGINEER has and retains ownership of the electronic data is compatible with RECIPIENT'S computer hardware or software, and ENGINEER'S responsibility for the electronic media is limited to replacement of defective media for a period of thirty (30) days after delivery to RECIPIENT.!!! By opening and using this FILE, You AGREE to these TERMS AND CONDITIONS!!!

This form is made available for example purposes only and is not intended to be legal advice nor intended to be relied upon in lieu of consultation with an attorney.

#### Certificate of Secretary

The	undersigned	(Assistant) Secretary of
		corporation, (the "Corporation") true and correct copy of a Resolution duly adopted oration on the day of, 20
		is enter into bids, contracts, bonds, y documents, on behalf of the
	_	this Resolution is in full force and effect as of the en amended, modified, revoked or rescinded.
IN WI 20	TNESS WHEREOF, I have exc	ecuted this Certificate this day of,
		(Signature)
		Printed Name
		(Assistant) Secretary



#### [SAMPLE CONSENT OF MEMBERS]

#### [NAME OF COMPANY], LLC

#### Consent of Members

The undersigned, being all of the Members of Name of Company, LLC, an
Oklahoma Limited Liability Company, hereby authorize, consent to, approve and ratify
the execution by on behalf of [Name of Company], LLC of bid
proposals, contracts, affidavits and related documents in connection with [Name of
Project] of the City of Tulsa.
DATED, this day of ,20.  Name printed
Name Printed:
[ADD ADDITIONAL LINES FOR ADDITIONAL MEMBERS]

Disclaimer Statement: This form is made available for example purposes only and is not intended to be legal advice nor intended to be relied upon in lieu of consultation with an attorney."

Date

Contractor

RE: City of Tulsa Project No. 148170 C4 & TMUA-W 19-10 P2 & ES2019-11 RIVERWEST PHASE III & IV NEIGHBORHOODS INITIATIVE

#### TO WHOM IT MAY CONCERN:

Please be advised that the City of Tulsa, Oklahoma, a municipal corporation, has contracted for the construction of a public improvement project as referenced above, and that pursuant to Title 68 § Section 1356 (10), sales on tangible personal property or services to be wholly consumed in the performance of such projects are exempt from Oklahoma and City of Tulsa Sales Tax when:

"...Any person making purchases on behalf of such subdivision or agency of the state shall certify, in writing, on the copy of the invoice or sales ticket to be retained by the vendor that the purchases are made for and on behalf of such subdivision or agency of this state and set out the name of such public subdivision or agency."

This letter of authorization expires.

A photostatic copy of this letter may be considered as the original.

CITY OF TULSA

Paul D. Zachary, P.E. City Engineer

cc: Ryan McKaskle

HAS:AT:

STED-1

<u>EXTENSION OF TIME REQUEST</u> (to be submitted with eack partial payment application)

<b>DATE</b> :	
ADDRESS	
CONTRACT NO.:	
ARE THERE ANY CHANGES TO YOUR SBE	
IF YES, GIVE REASON AND ATTACH CHAN	GE REQUEST FORM (SBE-4):
EXTENSION OF CONTRACT TIME REQUI	RED:NO
TOTAL OF EXTENSION TIME REQUES	TED:
	SIGNATURE - CONTRACTOR
CONSULTING ENGINEER OR	DEPARTMENT OF PUBLIC WORKS STAFF RECOMMENDATIONS
APPROVED:	REJECTED:
REASON:	
	SIGNATURE
	DATE

ACTION WILL BE TAKEN WITHIN 30 DAYS FROM RECEIPT OF REQUEST

ETR-1

# CONTRACT FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS TULSA, OKLAHOMA

THIS CONTRACT made ar	entered into the day	of, 2020, by
and betweenan (list sta	(Corporation or I	Limited Liability Company)
of , Oklahoma, her	nafter called the "CONTRA	CTOR", and the CITY OF
TULSA - TULSA, OKLAHO	A, a Municipal Corporation,	herein called the "CITY."

#### WITNESSETH:

<u>WHEREAS</u>, the City has caused to be prepared the necessary Drawings, Specifications, and other Contract Documents for the public improvements herein described, and has invited bids for the construction thereof in accordance with the terms of this Contract, all of which is hereby designated as:

### PROJECT NO. 148170 C4 & TMUA-W 19-10 P2 & ES2019-11 RIVERWEST PHASE III & IV NEIGHBORHOODS INITIATIVE

<u>WHEREAS</u>, the Contractor, in response to the Advertisement, has submitted to the City, in the manner and at the time specified, a sealed bid in accordance with the terms of this Contract; and,

<u>WHEREAS</u>, the City, in the manner prescribed by law, has publicly opened, examined, and canvassed the bids submitted, and has determined the above named Contractor to be the lowest responsible bidder for the work and has duly awarded to the said Contractor therefore, for the sum or sums named in the Contractor's bid, a copy of the Bid Form being attached to and made a part of this Contract;

<u>NOW</u>, <u>THEREFORE</u>, in consideration of the compensation to be paid to the Contractor and of the mutual agreements and covenants herein contained, the parties to this Contract have agreed and hereby agree, as follows:

ARTICLE I. That the Contractor shall (a) furnish all tools, equipment, supplies, superintendent, transportation, and other construction accessories, services, and facilities; (b) furnish all materials, supplies, and equipment specified and required to be incorporated in and form a permanent part of the completed work; (c) provide and perform all necessary labor; and (d) in a good, substantial, and workmanlike manner and in accordance with the requirements, stipulations, provisions, and conditions of the Contract as defined in the attached General Provisions, sometimes referred to as General Conditions in the Contract Documents, said documents forming the Contract and being as fully a part thereof as if repeated verbatim herein, perform, execute, construct, and complete all work included in and covered by the City's official award of this Contract to the said Contractor, such award being based on the acceptance by the City of the Contractor's bid, or part thereof, as follows:

# PROJECT NO. 148170 C4 & TMUA-W 19-10 P2 & ES2019-11 RIVERWEST PHASE III & IV NEIGHBORHOODS INITIATIVE

embraced in this Contract, and the sum (subject to adjustment as /100 Dollars (\$	I pay to the Contractor for performance of the work e Contractor will accept as full compensation therefor, provided by the Contract) of AND _) for all work covered by and included in the Contract going Article I; payments therefore to be made in cash ovided in the General Provisions.
stipulated in a written order fron	shall start work within ten (10) days following the date the City to proceed with the work to be performed work within the number of consecutive calendar days as stipulated below:
All Work Con	npleted: <u>500</u> calendar days
ARTICLE IV. The sworn, notarize this Contract will become effective	d statement below shall be signed and notarized before e.
	a final payment request, the Contractor shall furnish a ontractors and suppliers have been paid.
IN WITNESS WHEREOF, the par	ties have hereto set their hands and seals,
this day of2	2020.

# CITY OF TULSA, OKLAHOMA a municipal corporation

Ву:		ATTEST:	(SEAL)
Date: Mayor	City Clerk	D	ate:
APPROVED:	APPROVED		
Date: City Attorney	City Engine	Dat	e:
CONTRACTOR			
Ву:			
Printed Name			
Title Date:_	Title	Dat	te:
ATTEST:			
Corporate Secretary			
(SEAL)			

#### **AFFIDAVIT**

STATE OF			
COUNTY OF)			
	, of	lawful age, bei	ng first duly
sworn, on oath says that (s)he is the a the above Contract to the CITY OF			actor to submit
Signature			
Subscribed and sworn to before me thi	is da	ay of	, 2020
NO	OTARY PUB	BLIC	
My Commission Expires:			

#### PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: That we, the undersigned, , (hereinafter called the Contract	or").
duly authorized by law to do business as a construction contractor in the State Oklahoma, and	e of
(hereinafter called the "Surety"), a corporation organized under the laws of the State of, and authorized to transact business in the Stat Oklahoma, as Surety, are hereby held and firmly bound unto the City of Tulsa Tulsa, Oklahoma (hereinafter called the "City"), in the penal sum of	te of
Dollars (full amount of the Contract), (\$) lawful money of t United States, for the payment of which, well and truly to be made unto the sa City, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents, as follows:	id
THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH THAT, WHEREAS, the Contractor has on the day of, entered into a written contract with the City of Tulsa, Tulsa, Oklahoma, for furnishing all materials, labor, tools, equipment, and transportation necessary	

# PROJECT NO. 148170 C4 & TMUA-W 19-10 P2 & ES2019-11 RIVERWEST PHASE III & IV NEIGHBORHOODS INITIATIVE

NOW, THEREFORE, if said Contractor shall well and truly perform and complete said project in accordance with said Contract, Advertisement for Bids, General Conditions, Instructions to Bidders, Bid Form, Plans and Specifications, and related documents, shall comply with all the requirements of the laws of the State of Oklahoma; shall pay as they become due all just claims for work or labor performed and materials furnished in connection with said contract, and shall defend, indemnify and save harmless said City against any and all liens, encumbrances, damages, claims, demands, expenses, costs and charges of every kind, including patent infringement claims except as otherwise provided in said specifications and other contract documents, arising out of or in relation to the performance of said work and the provisions of said Contract, then these presents shall be void; otherwise, they shall remain in full force and effect.

This obligation is made for the use of said City and also for the use and benefit of all persons who may perform work or labor, or furnish any material in the execution of said Contract, and may be sued on thereby in the name of the City.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract, or to the work to be performed thereunder, or the specifications accompanying same, shall in any way affect its obligation on this bond; and it does hereby waive notice of any such change, extension of time, alteration or addition of the terms of the Contract, or to the work or to the specifications.

06/13/06

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its duly authorized officers, and the said Surety has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its attorney-in-fact, duly authorized so to do, the day and year first above written.

CON	ITRACTOR (Princ	ipal)	
BY:		ATTEST:	(SEAL)
Title:	Date:	Title:	Date:
Attorney In Fact	Date:*	Surety	Date:
**This date shall mate	ch the notarized c	ertificate on the	Power-of-Attorney
(Accompany this Bon	d with Power Of A	Attorney)	
APPROVED AS TO F	<u>-ORM</u> :		
City Attorney		Date:	· · · · · · · · · · · · · · · · · · ·
City Clerk		Date:	

#### **STATUTORY BOND**

WHERE	AS, the undersig	gned						
has entere	ed into a certain	contract da	ated the	d	ay of		, , desi	gnated
as Proje	ct No. 148170 C	C4 & TMU	A-W 19	9-10 P2	& $ES^{2}$	2019-11, fo	or the constructi	on of
	ıblic improveme							
	BORHOODS IN							the
	described in said						_	
	ract, and to be p			_				
	ce with the term		-	_		-	•	the
	the office of the			υ	1		,	
		•						
NOW,	THEREFORE,	KNOW	ALL	MEN	BY	THESE	PRESENTS:	That
		•		_, as Pri	ncipal,	and		
			, a C	Corporati	on org	anized und	der the laws of th	e State
Surety, ar	e held and firml	y bound un	to the S	State of C	Oklaho	ma in the	penal sum of	
D 11 (T	7 11 A	0 4 1) (0	h		\ 1 (	` 1	C.1 II ': 1C:	<u> </u>
	Full Amount of C							
	ent of which sun		•			na ourselv	es, our successo	rs, and
assigns, jo	ointly and severa	ally firmly	by these	present	S.			
NOW TI	IEDEEODE :£4	ha aaid Duin	ماء احساء	all fail a		at ta mari al	1 in dahtada assim	. commend
	HEREFORE, if the		-		_			
	oal or sub-contra							
			_	_				
	mance of said (	comiraci wi	uum uu	กเขา (วบา	uavs a	mer me sa	ame becomes di	ue and
-	he person, firm o			•	•			
	for labor and mar		_	_			used and consumance becomes du	

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

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its duly authorized officers, and the said Surety has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its attorney-in-fact, duly authorized so to do, the day and year first above written.

	CONTRACTOR (Principal)				
BY:		ATTEST:	(SEAL)		
T'41	Date:	Title:	Date:		
Title:		itte:			
	Date:		Date:		
Attorney-In-Fact	**	Surety (SEA	L)		
**This date shall m	atch the date of the	notarized certificate	e on the Power-of- Attorney		
	(Accompany this	Bond with Power-C	Of-Attorney)		
	<u>APPRO</u>	OVED AS TO FORM	<u>1</u> :		
City Attorney	·	Date:			
City Clerk		Date:			

#### **MAINTENANCE BOND**

KNOW ALL MEN BY THESE PRESENTS:	
That	, as Principal, and
	, a
corporation organized under the laws of the State	of and authorized to transact
business in the State of Oklahoma, as Surety, are he the Penal sum of	ld and firmly bound unto the City of Tulsa in
Dollars (full amount of Contract) (\$	be made, we bind ourselves and each of us,
The condition of this obligation is such that:	
WHEREAS, said Principal entered into a written dated,	

#### Project No. 148170 C4 & TMUA-W 19-10 P2 & ES2019-11 RIVERWEST PHASE III & IV NEIGHBORHOODS INITIATIVE

all in compliance with the drawings and specifications therefore, made a part of said Contract and on file in the office of the City Clerk, Tulsa, Oklahoma.

NOW, THEREFORE, if said Principal shall pay or cause to be paid to the City of Tulsa, Oklahoma, all damage, loss, and expense which may result by reason of defective materials and/or workmanship in connection with said work, occurring within a period of one (1) year for all projects, from and after acceptance of said project by the City of Tulsa, Oklahoma; and if Principal shall pay or cause to be paid all labor and materials, including the prime contractor and all subcontractors; and if principal shall save and hold the City of Tulsa, Oklahoma, harmless from all damages, loss, and expense occasioned by or resulting from any failure whatsoever of said Principal, then this obligation shall be null and void, otherwise to be and remain in full force and effect.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in said Contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of releasing the sureties, or any of them, from the obligation of this Bond.

06/13/06

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its duly authorized officers, and the said Surety has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its attorney-in-fact, duly authorized so to do, the day and year first above written.

CONTRACTOR (Principal)			cipal)	
BY:			ATTEST:	(SEAL)
Title:	Date:		Title:	Date:
Attorney-In-Fact	Date:	**	Surety (	Date:
** This date shall ma				te on the Power of Attorney
	<u>AP</u>	<u>PROVI</u>	ED AS TO FO	<u>DRM</u> :
City Attorney		I	Date:	
City Clerk		I	Date:	

#### **AFFIDAVIT OF CLAIMANT**

STATE OF	*:	
COUNTY OF		
The undersigned, of lawful age, being first Affiant further states that the work, service the contract, plans, specifications, orders (s)he has made no payment directly or ir official, officer or employee of the City of obtain or procure the contract or purchase	es or materials will be com or requests furnished th adirectly of money or any Tulsa or any public trust	pleted or supplied in accordance with e affiant. Affiant further states that other thing of value to any elected
	Sign	nature
<b>3</b>	Name:	
	Company:	
	Title:	
Subscribed and sworn to before me this _	day of	, 20
Notary Public		
My Commission Expires:		
Notary Commission Number:		

# PROPOSAL PROJECT NO. CDBG/HUD GRANT & TMUA-W 19-10 P2 & ES2019-11 P2 RIVER WEST CHOICE NEIGHBORHOODS INITIATIVE PHASE III & IV

TO: HONORABLE MAYOR
CITY OF TULSA, OKLAHOMA

THE UNDERSIGNED BIDDER, having carefully examined the drawings, specifications, and other Contract Documents of the above project presently on file in the City Clerk, City of Tulsa Oklahoma:

CERTIFIES THAT he has inspected the site of the proposed work and has full knowledge of the extent and character of the work involved, construction difficulties that may be encountered, and materials necessary for construction, class and type of excavation, and all other factors affecting or which may be affected by the specified work; and

CERTIFIES THAT he has not entered into collusion with any other bidder or prospective bidder relative to the project and/or bid: and

HEREBY PROPOSES: to enter into a contract to provide all necessary labor, materials, equipment and tools to completely construct and finish all the work required by the Contract Documents hereto attached and other documents referred to therein: to complete said work within <u>500</u> calendar days after the work order is issued; and to accept in full payment therefore the amount set forth below for all work actually performed as computed by the Engineer as set forth in the Contract.

#### **Basis of Award**

THE BID PROPOSAL INCLUDES A BASE BID WITH TWO STORM MATERIAL OPTIONS AND THREE WATERLINE MATERIAL OPTIONS. THE BIDDERS SHALL BID ALL OPTIONS OR ALTERNATES. IT SHOULD BE NOTED THAT THE LOWEST RESPONSIBLE BID SHALL BE DETERMINED BY THE TOTAL BASE BID PLUS THE LOWEST STORM MATERIAL OPTION PLUS THE LOWEST WATERLINE MATERIAL OPTION. ANY PROPOSAL SUBMITTED WITH ANY BID OPTION OR ALTERNATE INCOMPLETE SHALL BE CONSIDERED NON-RESPONSIVE. THE CITY OF TULSA RESERVES THE RIGHT TO SELECT EITHER STORM MATERIAL OPTION OR ANY OF THE THREE WATERIAL OPTIONS, OR A COMBINATION OF ANY OF THESE, IN THE EVENT THE BID COSTS OF ANY MATERIAL OPTION ARE EQUAL.

**Note:** - Item numbers omitted are not a part of the Contract.

## PROPOSAL PROJECT NO. CDBG/HUD GRANT & TMUA-W 19-10 P2 & ES2019-11 P2 RIVER WEST CHOICE NEIGHBORHOODS INITIATIVE PHASE III & IV

		·			DATA INPUT	1
BID ITEM	SPEC NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL EACH ITEM
ROADWAY BASE						
1	201(A)	CLEARING AND GRUBBING	ACRE	1		\$0.00
2	202(A)	UNCLASSIFIED EXCAVATION	CY	1484 412		\$0.00 \$0.00
3	202(D)	UNCLASSIFIED BORROW	CY	135		\$0.00
4	205(A)	TYPE A - SALVAGED TOPSOIL SWPPP DOCUMENTATION AND MANAGEMENT	EA	1		\$0.00
5	220 221(C)	TEMPORARY SILT FENCE	LF	162		\$0.00
6 7	221(D)	TEMPORARY SEDIMENT FILTER	EA	19		\$0.00
8	232(A)	SEEDING	ACRE	1		\$0.00
9	230(A)	SOLID SLAB SODDING	SY	330		\$0.00
10	303(A)	AGGREGATE BASE TYPE A	CY	1166		\$0.00
11	310(B)	SUBGRADE METHOD B	SY	2755		\$0.00 \$0.00
12	325	SEPARATOR FABRIC	SY	3411 2933		\$0.00
13	326(B)	GEOGRID REINFORCEMENT (TRIAXIAL TENSAR TX7 OR ENGINEER APPROVED EQUAL)	SY	2200		\$0.00
14	409	FABRIC REINFORCEMENT SUPERPAVE, TYPE S3 (PG 70-24)	TON	551		\$0.00
15	411(B) 411(C)	SUPERPAVE, TYPE S3 (FG 70-24) (INSOLUBLE)	TON	703		\$0.00
16 17	411(D)	SUPERPAVE, TYPE S5 (PG 70-24)	TON	6		\$0.00
18	412	COLD MILL PAVEMENT	SY	2200		\$0.00
19	609(B)	COMBINED CURB AND GUTTER (6" BAR)	LF	2126		\$0.00
20	609(B)	CONCRETE VALLEY GUTTER	LF	74		\$0.00 \$0.00
21	610(A)	CONCRETE SIDEWALK (4" THICK)	SY	1271		\$0.00
22	610(l)	TACTILE WARNING DEVICE-NEW	SF	180 544		\$0.00
23	610(B)	CONCRETE DRIVEWAY	EA	4		\$0.00
24	611(A)	MANHOLE, 4' I.D., COMPLETE IN PLACE (STORM SEWER)  ADDITIONAL DEPTH IN 4' I.D. MANHOLE	VF	3		\$0.00
25 26	611(B) 611(A)	MANHOLE, 6' I.D., COMPLETE IN PLACE (STORM SEWER)	EA	1		\$0.00
27	611(B)	ADDITIONAL DEPTH IN 6' I.D. MANHOLE	VF	1		\$0.00
28	611(A)	MANHOLE, 8' I.D., COMPLETE IN PLACE (STORM SEWER)	EA	2		\$0.00
29	611(B)	ADDITIONAL DEPTH IN 8' I.D. MANHOLE	VF	4		\$0.00
30	611(G)	INLET, CICI DESIGN NO. 2, COMPLETE IN PLACE	EA	17		\$0.00 \$0.00
31	611(G)	INLET, CICI DESIGN NO. 2, COMPLETE IN PLACE	EA EA	1 1		\$0.00
32	611(G)	INLET, CICI DESIGN NO. 2B, COMPLETE IN PLACE	EA	3		\$0.00
33	611(G)	INLET, CICI DESIGN NO. 3, COMPLETE IN PLACE ADD'L DEPTH IN INLET, CICI DESIGN NO. 3	VF	5		\$0.00
34 35	611(H) 611(G)	INLET, CICI DESIGN NO. 3A, COMPLETE IN PLACE	ĒA	2		\$0.00
36	611(G)	INLET, CICI DESIGN NO. 4, COMPLETE IN PLACE	EA	1		\$0.00
37	611(H)	ADD'L DEPTH IN INLET, CICI DESIGN NO. 4	VF	1		\$0.00
38	611(G)	INLET, CICI DESIGN NO. 4(2A), COMPLETE IN PLACE	EA	1		\$0.00
39	611(H)	ADD'L DEPTH IN INLET, CICI DESIGN NO. 4(2A)	EA	1		\$0.00
40	611(G)	INLET, STANDARD MEDIAN DRAIN, DESIGN SMD-4, COMPLETE IN PLACE	VF	2		\$0.00 \$0.00
41	612(A)	MANHOLE ADJUSTED TO GRADE (PUBLIC)	EA EA	1		\$0.00
42	612(E)	VALVE BOX ADJUSTED TO GRADE	LF	61		\$0.00
43	613(A)	RCP, 15" ROUND, COMPLETE IN PLACE RCP, 18" ROUND, COMPLETE IN PLACE	LF	271		\$0.00
44 45	613(A) 613(A)	RCP, 18 ROUND, COMPLETE IN PLACE	LF	228		\$0.00
46	613(A)	RCP, 30" ROUND, COMPLETE IN PLACE	LF	108		\$0.00
47	613(A)	RCP, 36" ROUND, COMPLETE IN PLACE	LF	200		\$0.00
48	613(A)	RCP, 43"X68" ELLIPTICAL, COMPLETE IN PLACE	LF	173		\$0.00
49	619(B)	REMOVAL OF STORM MANHOLE	EA	7		\$0.00 \$0.00
50	619(B)	REMOVAL OF INLET	LF	7 2095		\$0.00
51	619(B)	REMOVAL OF CURB AND GUTTER	SY	540		\$0.00
52	619(B)	REMOVAL OF ASPHALT OVERLAYED CONCRETE PAVEMENT REMOVAL OF CONCRETE PAVEMENT	SY	2086		\$0.00
53	619(B) 619(B)	REMOVAL OF CONCRETE SIDEWALK	SY	469		\$0.00
54 55	619(B)	REMOVAL OF CONONCTE SIDEWALK	SY	236		\$0.00
56	619(B)	REMOVAL OF LIGHTPOLES AND POWERPOLES	EA	3		\$0.00
57	619(B)	REMOVAL OF 18" DRAIN PIPE	LF	384		\$0.00
58	619(B)	REMOVAL OF 27" DRAIN PIPE	LF	640		\$0.00
59	619(C)	SAWING PAVEMENT	LF	1570		\$0.00 \$0.00
60	641	MOBILIZATION	EA EA	1 1		\$0.00
61	642	CONSTRUCTION STAKING	EA	6		\$0.00
62	805(A)	REMOVAL OF TRAFFIC ITEMS (SIGNS) TRAFFIC STRIPE 4" PLASTIC	LF	1429		\$0.00
63	855(A) 880(B)	SIGNS 0.00 TO 6.25 SF	SD	240		\$0.00
64 65	880(B)	SIGNS 6.26 TO 15.99 SF	SD	1800		\$0.00
66	880(B)	SIGNS 16.00 AND UP	SD	240		\$0.00
67	880(C)	BARRICADES (TYPE III)	SD	2,880		\$0.00
68	880(E)	TYPE "A" WARNING LIGHT	SD	5,760		\$0.00
69	880(E)	TYPE "C" WARNING LIGHT	SD	2,040	ļ	\$0.00
70	880(F)	DRUMS	SD	3,600 3,600		\$0.00 \$0.00
	880(G)	TUBE CHANNELIZERS				

BID ITEM	SPEC NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL EACH ITEM
72	SPECIAL	PROJECT SIGN (CITY OF TULSA)	EA	2		\$0.00
73	SPECIAL	TYPE I AC PATCH (NON-ARTERIAL)	CY	10		\$0.00
74	SPECIAL	TYPE I APC PATCH (NON-ARTERIAL	CY	52		\$0.00
75	SPECIAL	TYPE I APC PATCH (ARTERIAL)	CY	11		\$0.00
76	SPECIAL	TYPE I PCC PATCH (ARTERIAL)	CY	8		\$0.00
77	SPECIAL	URBAN RIGHT-OF-WAY RESTORATION	EA	1	040 000 00	\$0.00
78	SPECIAL	OWNER ALLOWANCE	ALLOW	1	\$10,000.00	\$10,000.00
79	SPECIAL	SIGNAGE FOR LOCAL BUSINESS ACCESS (BAS-1)	SD	84		\$0.00
80	(SP) COT 202	QUICK SET FLOWABLE FILL	CY EA	20		\$0.00 \$0.00
81	(SP) COT 643	CONTRACTOR'S QUALITY CONTROL	SF	1 88		\$0.00
82	(SP) COT 608(A)	GROUND SIGN 1-1/2" SIGN POST	LF	5		\$0.00
83 84	(SP) COT 608(C)	1-3/4" SIGN POST	LF	126		\$0.00
85	(SP) COT 608(D) (SP) COT 608(E)	2" SIGN POST	LF	36		\$0.00
86	(SP) COT 608(E)	4" PVC SCH 40 CONDUIT (TRENCHED)	LF	581		\$0.00
87	SPECIAL	CURB RAMP TYPE "A"	EA	9	-	\$0.00
88	SPECIAL	CURB RAMP TYPE "A/B"	ĒĀ	2		\$0.00
89	SPECIAL	CURB RAMP TYPE "D"	EA	6		\$0.00
90	SPECIAL	4 FOOT WIDE SIDEWALK W/ INTEGRAL RETAINING WALL, COMPLETE, IN-PLACE	LF	63		\$0.00
91	SPECIAL	TRIM TREE	EA	1.		\$0.00
LANDSCAPING ITE		TIVIM TIVEE				Ψ0.00
92	203(A), SPECIAL	ISOLID SLAB SODDING	SF	6740	T I	\$0.00
93	231(A) SPECIAL	LEGACY SUGAR MAPLE (3"CP. SINGLE TRUNK)	EA	6		\$0.00
94	231(A) SPECIAL	SARAH'S FAVORITE CRAPEMYRTLE (2.5"CP, SINGLE TRUNK)	EA	11		\$0.00
95	231(A) SPECIAL	AERYN TRIDENT MAPLE (2.5"CP, SINGLE TRUNK)	EA	10		\$0.00
96	SPECIAL	IRRIGATION SYSTEM COMPLETE	SY	748		\$0.00
97	SPECIAL	24" DEPTH TOPSOIL & SOIL PREP	CY	300		\$0.00
98	SPECIAL	LANDSCAPE FINE GRADING	SY	748		\$0.00
99	SPECIAL	4" ID. PERFORATED DRAINLINE	LF	1340		\$0.00
100	SPECIAL	TREE GROUND ANCHORS	EA	27		\$0.00
101	SPECIAL	2" DEPTH WOOD MULCH	CY	20		\$0.00
102	SPECIAL	LANDSCAPE WARRANTY	EA	1		\$0.00
103	SPECIAL	LANDSCAPE MAINTENANCE	EA	1		\$0.00
ELECTRICAL ITEM	MS					
104	SPECIAL	SITE LIGHTING 2" CONDUIT, TRENCHING, ACCESSORIES	LF	2000		\$0.00
105	SPECIAL	IRRIGATION CONTROLLER POWER (1"C, 1 COUNT)	LF	400		\$0.00
106	SPECIAL	IRRIGATION CONTROLLER POWER (#10 WIRE, 1 COUNT)	LF	400		\$0.00
107	SPECIAL	PULL BOXES	EA	22		\$0.00
108	SPECIAL	NEW UNDERGROUND FEED TO CELL TOWER - TRENCH, 4" CONDUIT AND ACCESSORIES	LF	70		\$0.00
109	SPECIAL	RENTAL TEMPORARY GENERATOR FOR CELL TOWER	EA	1		\$0.00
		SUBTOTAL BASE BID				\$10,000.00
WATERLINE BASE						
110	COT 301	RIGHT OF WAY CLEARING AND RESTORING	LF	1088		\$0.00
111	COT 302	EXCAVATION AND BACKFILL, UNCLASSIFIED	CY	433		\$0.00
112	COT 303	MOBILIZATION	EA	1		\$0.00
113	SPECIAL	CONSTRUCTION AS-BUILTS	EA	1		\$0.00
114			EA	25		\$0.00
	SPECIAL	WATER LOCATOR BALLS				
115	COT 312	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ)	EA	1		\$0.00
116	COT 312 COT 312	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ)	EA EA	1 4		\$0.00
116 117	COT 312 COT 312 COT 312	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ)	EA EA EA	1 4 1		\$0.00 \$0.00
116 117 118	COT 312 COT 312 COT 312 COT 312	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH BLIND FLANGE (RJ)	EA EA EA	1 4 1 4		\$0.00 \$0.00 \$0.00
116 117 118 119	COT 312 COT 312 COT 312 COT 312 COT 315	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH BLIND FLANGE (RJ) PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBEF	EA EA EA EA	1 4 1 4		\$0.00 \$0.00 \$0.00 \$0.00
116 117 118 119 120	COT 312 COT 312 COT 312 COT 312 COT 315 COT 315	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH BLIND FLANGE (RJ) PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBEF 2 INCH WATER SERVICE CONNECTION (SHORT)	EA EA EA EA EA	1 4 1 4 1 4		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
116 117 118 119 120 121	COT 312 COT 312 COT 312 COT 312 COT 315 COT 315 COT 315	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH BLIND FLANGE (RJ) PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBEF 2 INCH WATER SERVICE CONNECTION (SHORT) 2 INCH WATER METER CAN, LID & RIM	EA EA EA EA EA EA	1 4 1 4 1 4 4		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
116 117 118 119 120 121 122	COT 312 COT 312 COT 312 COT 312 COT 315 COT 315 COT 315 COT 315	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH SUND FLANGE (RJ) PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBEF 2 INCH WATER SERVICE CONNECTION (SHORT) 2 INCH WATER METER CAN, LID & RIM 2 INCH TAPPED CAP W BLOWOFF	EA EA EA EA EA EA EA	1 4 1 4 1 4 4 4		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
116 117 118 119 120 121 122 123	COT 312 COT 312 COT 312 COT 312 COT 312 COT 315 COT 315 COT 315 COT 315 COT 315 COT 317	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH BLIND FLANGE (RJ) PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBEF 2 INCH WATER SERVICE CONNECTION (SHORT) 2 INCH WATER METER CAN, LID & RIM 2 INCH TAPPED CAP W/ BLOWOFF 6 INCH GATE VALVE (RJ)	EA EA EA EA EA EA EA EA	1 4 1 4 1 4 4 4 4 9		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
116 117 118 119 120 121 122 123 124	COT 312 COT 312 COT 312 COT 312 COT 315 COT 315 COT 315 COT 315 COT 315 COT 317	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH BLIND FLANGE (RJ) PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBEF 2 INCH WATER SERVICE CONNECTION (SHORT) 2 INCH WATER METER CAN, LID & RIM 2 INCH TAPPED CAP W/ BLOWOFF 6 INCH GATE VALVE (RJ) 8 INCH GATE VALVE (RJ)	EA EA EA EA EA EA EA EA EA	1 4 1 4 1 4 4 4 4 9 6		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
116 117 118 119 120 121 122 123 124 125	COT 312 COT 312 COT 312 COT 312 COT 312 COT 315 COT 315 COT 315 COT 315 COT 317 COT 317 COT 317	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH BLIND FLANGE (RJ) PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBEF 2 INCH WATER SERVICE CONNECTION (SHORT) 2 INCH WATER METER CAN, LID & RIM 2 INCH TAPPED CAP W/ BLOWOFF 6 INCH GATE VALVE (RJ) 8 INCH GATE VALVE (RJ) 2 INCH AIR RELIEF VALVE	EA EA EA EA EA EA EA EA EA EA	1 4 1 4 1 4 4 4 9 6		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
116 117 118 119 120 121 122 123 124 125 126	COT 312 COT 312 COT 312 COT 312 COT 315 COT 315 COT 315 COT 315 COT 315 COT 317 COT 317 COT 317 COT 317	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH BLIND FLANGE (RJ) PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBEF 2 INCH WATER SERVICE CONNECTION (SHORT) 2 INCH WATER METER CAN, LID & RIM 2 INCH TAPPED CAP W BLOWOFF 6 INCH GATE VALVE (RJ) 8 INCH GATE VALVE (RJ) 2 INCH AIR RELIEF VALVE 3-WAY FIRE HYDRANT, IN PLACE	EA EA EA EA EA EA EA EA EA EA	1 4 1 4 1 4 4 4 9 6		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
116 117 118 119 120 121 122 123 124 125 126 127	COT 312 COT 312 COT 312 COT 312 COT 312 COT 315 COT 315 COT 315 COT 315 COT 317 COT 317 COT 317 COT 317 COT 317	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH BLIND FLANGE (RJ) PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBEF 2 INCH WATER SERVICE CONNECTION (SHORT) 2 INCH WATER METER CAN, LID & RIM 2 INCH TAPPED CAP W/ BLOWOFF 6 INCH GATE VALVE (RJ) 8 INCH GATE VALVE (RJ) 8 INCH AIR RELIEF VALVE 3-WAY FIRE HYDRANT, IN PLACE 6 INCH FIRE HYDRANT EXTENSION	EA E	1 4 1 4 4 4 4 9 6 1 1		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
116 117 118 119 120 121 122 123 124 125 126 127 128	COT 312 COT 312 COT 312 COT 312 COT 312 COT 315 COT 315 COT 315 COT 315 COT 317	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH BLIND FLANGE (RJ) PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBEF 2 INCH WATER SERVICE CONNECTION (SHORT) 2 INCH WATER METER CAN, LID & RIM 2 INCH WATER METER CAN, LID & RIM 2 INCH TAPPED CAP W/ BLOWOFF 6 INCH GATE VALVE (RJ) 8 INCH GATE VALVE (RJ) 2 INCH AIR RELIEF VALVE 3-WAY FIRE HYDRANT, IN PLACE 6 INCH FIRE HYDRANT EXTENSION VALVE BOX	EA E	1 4 1 4 1 4 4 4 9 6 1 1		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
116 117 118 119 120 121 122 123 124 125 126 127	COT 312 COT 312 COT 312 COT 312 COT 312 COT 315 COT 315 COT 315 COT 315 COT 317 COT 317 COT 317 COT 317 COT 317	8 INCH X 6 INCH DUCTILE IRON REDUCER (RJ) 6 INCH DUCTILE IRON 45 DEGREE BEND (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH BLIND FLANGE (RJ) PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBEF 2 INCH WATER SERVICE CONNECTION (SHORT) 2 INCH WATER METER CAN, LID & RIM 2 INCH TAPPED CAP W/ BLOWOFF 6 INCH GATE VALVE (RJ) 8 INCH GATE VALVE (RJ) 8 INCH AIR RELIEF VALVE 3-WAY FIRE HYDRANT, IN PLACE 6 INCH FIRE HYDRANT EXTENSION	EA E	1 4 1 4 4 4 4 9 6 1 1		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

BID ITEM	SPEC NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL EACH ITEM
WASTEWATER I	BASE BID		•			
130	COT 301	RIGHT OF WAY CLEARING AND RESTORING, COMPLETE IN PLACE	LF	1589		\$0.00
131	COT 302	EXCAVATION AND BACKFILL, UNCLASSIFIED	CY	2882		\$0.00
132	COT 309	8 INCH PVC, SDR-35	LF	476		\$0.00
133	COT 309	18 INCH PVC, SDR-26	LF	1113		\$0.00
134	COT 314(A)	4' DIA MANHOLE	EA	3		\$0.00
135	COT 314(B)	4' DIA MANHOLE (ADD'L DEPTH)	VF	14		\$0.00
136	COT 314(A)	5' DIA MANHOLE	EA	4		\$0.00
137	COT 314(B)	5' DIA MANHOLE (ADD'L DEPTH)	VF	67		\$0.00
138	COT 314(A)	5' DIA DROP MANHOLE	EA	1		\$0.00
139	COT 314(B)	5' DIA DROP MANHOLE (ADD'L DEPTH)	VF	12		\$0.00
140	COT 315	CONNECTION TO EXISTING MANHOLE	EA	1		\$0.00
141	COT 315	CONNECT TO EX. 8" SS	EA	11		\$0.00
142	COT 315	CONNECT TO EX. 18" SS	EA	1		\$0.00
143	COT 315	8 INCH BY 6" IN-LINE TEE FOR SERVICE CONNECTION	EA	16 1	***************************************	\$0.00
144	COT 400	PHOTOGRAPHIC DOCUMENTATION	EA	3		\$0.00 \$0.00
145	COT 404	5 FT ID MANHOLE DEMOLITION	EA LF	40		
146 147	COT 405 COT 405, 408	POINT REPAIR, 8" OPEN CUT REPLACEMENT, SDR 26 PVC 4" PVC SERVICE RECONNECTIONS	EA EA	1		\$0.00 \$0.00
147	COT 405, 408 COT 405, 408	4" PVC SERVICE RECONNECTIONS 4" PVC SERVICE LINE	LF	1		\$0.00
149	COT 405, 408	6" PVC SERVICE RECONNECTIONS	EA	1		\$0.00
150	COT 405, 408	6" PVC SERVICE LINE	LF	5		\$0.00
151	COT 409	8" SLIPLINE REPLACEMENT, SDR 21 HDPE	LF	957		\$0.00
152	COT 409	15" SLIPLINE REPLACEMENT, 12" SDR 21 HDPE	LF	167		\$0.00
153	COT 410	6" PVC SERVICE RECONNECTIONS (CIPP OR SLIPLINING)	EA	1		\$0.00
154	COT 415	PRE-CONSTRUCTION TELEVISION INSPECTION	LF	1124		\$0.00
155	COT 415	COMPLETE DROP MANHOLE REPLACEMENT, 4' I.D. (0-6' DEPTH)	EA	5		\$0.00
156	COT 415	COMPLETE DROP MANHOLE REPLACEMENT, 4' I.D. (>6' DEPTH)	VF	29		\$0.00
157	COT 415	COMPLETE MANHOLE REPLACEMENT, 5' I.D. (0-6' DEPTH)	EA	1		\$0.00
158	COT 415	COMPLETE MANHOLE REPLACEMENT, 5' I.D. (>6' DEPTH)	VF	17		\$0.00
159	COT 415	COMPLETE DROP MANHOLE REPLACEMENT, 5' I.D. (0-6' DEPTH)	EA	1		\$0.00
160	COT 415	COMPLETE DROP MANHOLE REPLACEMENT, 5' I.D. (>6' DEPTH)	VF	12		\$0.00
161	COT 418	REPLACEMENT OF MANHOLE FRAME SEAL AND CHIMNEY (TYPE D REPAIR)	EA	1		\$0.00
162	COT 420	MANHOLE STEP REMOVAL AND STEP INSTALLATION (TYPE I REPAIR)	EA	1		\$0.00
163	COT 421	MANHOLE WALL REHABILITATION (TYPE Gg REPAIR)	SF	10		\$0.00
164	COT 423	OBSTRUCTION REMOVAL	EA	1		\$0.00
		SUBTOTAL WASTEWATER BASE BID				\$0.00
	ODTON 4 (DOD)					
	AL - OPTION 1 (RCP)			150		
165	613(A)	RCP, 42" ROUND, COMPLETE IN PLACE	LF	152		\$0.00
166	613(A)	RCP, 48" ROUND, COMPLETE IN PLACE	LF	93		\$0.00
OTODU MATERI	L OPTON & (OPP)	SUBTOTAL STORM MATERIAL OPTION 1				\$0.00
	AL - OPTION 2 (CPP)			450		20.00
167	COT 215	CPP, 42" ROUND, COMPLETE IN PLACE	LF	152		\$0.00
168	COT 215	CPP, 48" ROUND, COMPLETE IN PLACE SUBTOTAL STORM MATERIAL OPTION 2	LF	93		\$0.00 \$0.00
		OOD TO THE O'CHAIN WATER OF THE A				40.00
WATER MATERIA	AL - OPTION 1 (PVC)				<del> </del>	
169	COT 309	6 INCH PVC AWWA C900 CLASS 200 DR-14 (RJ)	LF	398		\$0.00
170	COT 309	6 INCH PVC AWWA C900 CLASS 200 DR-14	LF	96		\$0.00
171	COT 309	8 INCH PVC AWWA C900 CLASS 200 DR-14 (RJ)	LF LF	525		\$0.00
172	COT 309	8 INCH PVC AWWA C900 CLASS 200 DR-14	LF	101		\$0.00
173	COT 312	8 INCH DUCTILE IRON 22.5 DEGREE BEND (RJ)	EA	4		\$0.00
174	COT 312	8 INCH DUCTILE IRON 45 DEGREE BEND (RJ)	EA	2		\$0.00
175	COT 312	6 INCH DUCTILE IRON 22.5 DEGREE BEND (ŔJ)	EA	3		\$0.00
173		IS INCLUDITED FOR AS DECREE DEND (D.)	EA	4		\$0.00
176	COT 312	6 INCH DUCTILE IRON 45 DEGREE BEND (RJ)		4		Ψ0.00]
	COT 312 COT 312	8 INCH X 6 INCH DUCTILE IRON TEE (RJ)	EA	8		\$0.00
176 177 178	COT 312 COT 312	8 INCH X 6 INCH DUCTILE IRON TEE (RJ) 6 INCH DUCTILE IRON SLEEVE (RJ)	EA EA	8		\$0.00 \$0.00
176 177	COT 312	8 INCH X 6 INCH DUCTILE IRON TEE (RJ)	EA	8		\$0.00

BID ITEM	SPEC NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL EACH ITEM
WATER MATERIAL	- OPTION 2 (DIP)					
180	COT 307	6 INCH DIP, C51 POLYETHYLENE WRAPPED, RJ	LF	398	T	\$0.00
181	COT 307	6 INCH DIP, C51 POLYETHYLENE WRAPPED	LF	96		\$0.00
182	COT 307	8 INCH DIP, C51 POLYETHYLENE WRAPPED, RJ	LF	525		\$0.00
183	COT 307	8 INCH DIP, C51 POLYETHYLENE WRAPPED	LF	101		\$0.00
184	COT 312	8 INCH DUCTILE IRON 22.5 DEGREE BEND (RJ)	EA	4		\$0.00
185	COT 312	8 INCH DUCTILE IRON 45 DEGREE BEND (RJ)	EA	2		\$0.00
186	COT 312	6 INCH DUCTILE IRON 22.5 DEGREE BEND (RJ)	EA	3		\$0.00
187	COT 312	6 INCH DUCTILE IRON 45 DEGREE BEND (RJ)	EA	4		\$0.00
188	COT 312	8 INCH X 6 INCH DUCTILE IRON TEE (RJ)	EA	8		\$0.00
189	COT 312	6 INCH DUCTILE IRON SLEEVE (RJ)	EA	1		\$0.00
190	COT 312	8 INCH DUCTILE IRON SLEEVE (RJ)	EA	1		\$0.00
		SUBTOTAL WATER MATERIAL OPTION 2				\$0.00

WATER MATERIA	AL - OPTION 3 (HDPE)				
191	COT 309	6 INCH PVC AWWA C900 CLASS 200 DR-14 (RJ)	L	127	\$0.00
192	COT 309	8 INCH PVC AWWA C900 CLASS 200 DR-14 (RJ)	LF	100	\$0.00
193	COT 309A	10 INCH HDPE AWWA C906 PE4710 DR-11 (DIPS)	LF	392	\$0.00
194	COT 309A	12 INCH HDPE AWWA C906 PE4710 DR-11 (DIPS)	LF	494	\$0.00
195	COT 312	8 INCH DUCTILE IRON 45 DEGREE BEND (RJ)	EA	1	\$0.00
196	COT 312	6 INCH DUCTILE IRON 45 DEGREE BEND (RJ)	EA	4	\$0.00
197	COT 312	8 INCH X 6 INCH DUCTILE IRON TEE (RJ)	EA	8	\$0.00
198	COT 312	6 INCH DUCTILE IRON SLEEVE (RJ)	EA	1	\$0.00
199	COT 312	8 INCH DUCTILE IRON SLEEVE (RJ)	EA	1	\$0.00
200	COT 312	10 INCH X 6 INCH DIP REDUCER	EA	2	\$0.00
201	COT 312	12 INCH X 8 INCH DIP REDUCER	EA	8	\$0.00
202	COT 312A	10 INCH HDPE MJ ADAPTOR (DIPS) (RJ)	EA	4	\$0.00
203	COT 312A	12 INCH HDPE MJ ADAPTOR (DIPS) (RJ)	EA	8	\$0.00
204	COT 312A	10 INCH HDPE WALL ANCHOR (DIPS) (RJ)	EA	4	\$0.00
205	COT 312A	12 INCH HDPE WALL ANCHOR (DIPS) (RJ)	EA	8	\$0.00
		SUBTOTAL WATER MATERIAL OPTION 3			\$0.00

Base Bid + Storm Pipe Material Option 1 (RCP) + Water Material Option 1 (PVC)	\$10,000.00
Base Bid + Storm Pipe Material Option 1 (RCP) + Water Material Option 2 (DIP)	\$10,000.00
Base Bid + Storm Pipe Material Option 1 (RCP) + Water Material Option 3 (HDPE)	\$10,000.00
Base Bid + Storm Pipe Material Option 2 (CPP) + Water Material Option 1 (PVC)	\$10,000.00
Base Bid + Storm Pipe Material Option 2 (CPP) + Water Material Option 2 (DIP)	\$10,000.00
Base Bid + Storm Pipe Material Option 2 (CPP) + Water Material Option 3 (HDPE)	\$10,000.00

Enclosed is a (	) Bidder's Surety Bond, (	) Certified Check, (	) Cashier's Check for	
	%			
			,	
contract for the w days, or within ni fails to execute sa	ork covered by this proposal inety (90) days if Federal fund	, provided the Contract is its are utilized, from the dequired bonds and other r	the event that the undersigned fails to enter into s awarded to the undersigned within thirty (30) late fixed for opening of bids and the undersigned requirements as called for in these Contract	
Dated at Tulsa, O	oklahoma, this day	of	, 20	
	Respectfully submitt	ed,		
	(Complete legal name	of company)		
	(State of Organ	ization)		
Ву:			ATTEST:	
Title:			Title: Corporate Secretary	
DUNS Number:			(SEAL)	
		Address:		
Telephone Numb	er:		Fax Number:	
The undersigned	acknowledge receipt of the fo	llowing Addenda (give n	number and date of each):	

BASE BID ( Base Bid plus Lowest of Two Storm Material Options plus Lowest of Three Water Material Options \$10,000.00

# GENERAL PROVISIONS AND SPECIFICATIONS

(Published in the Tulsa World,

Ordinance No. 23427

AN ORDINANCE AMENDING TITLE 11, TULSA REVISED ORDINANCES ENTITLED "PUBLIC WORKS DEPARTMENT" BY AMENDING CHAPTER 10 ENTITLED "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION," AMENDING SECTION 1001, TO REVISE STANDARD SPECIFICATIONS SET FORTH IN PARTS 411.04.N AND 414.04.R; AND PROVIDING FOR SEVERABILITY; AND PROVIDING FOR REPEAL OF CONFLICTING ORDINANCES.

#### BE IT ORDAINED BY THE CITY OF TULSA:

Section I. That Title 11, Chapter 10, Tulsa Revised Ordinances, be and the same is hereby amended and shall read as follows:

#### "CHAPTER 10. STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION

Section 1000. Adoption of State Standard Specifications.

Section 1001. Additions, Revisions, Deletions and Exceptions

#### SECTION 1000. ADOPTION OF STATE STANDARD SPECIFICATIONS.

Those certain documents, three (3) copies of which have been filed in the Office of the City Clerk of the City of Tulsa, being marked and designated as <u>Standard Specifications for Highway Construction</u>, 2009 Edition, as published by the Oklahoma Department of Transportation, are hereby adopted as the standard specifications for public improvement projects for the City with the exceptions given in SECTION 1001.

#### SECTION 1001. ADDITIONS, REVISIONS, DELETIONS AND EXCEPTIONS.

1001.A. The following terms, listed as numbered in the 2009 Edition of the <u>Standard Specifications for Highway Construction</u>, are hereby revised for all sections of this chapter:

101.05. Definitions.

101.05.A. Acceptance Date. Delete

101.05.P. Bond. All references to the "Department" shall mean "City of Tulsa," a municipal corporation.

- 101.05.V. Commission. All references to the "Commission" shall mean "The City of Tulsa, Oklahoma, a municipal corporation acting by and through its duly authorized officers and agents."
- 101.05.Y. Contract. Replace definition with the following: "The written agreement between the City and the Contractor setting forth obligations of the parties thereunder, including, but not limited to, the performance of the work, the furnishing of labor and materials, and the basis of payment."

The Contract includes the Notice to Bidders, Proposal, Contract Form, all Contract Bonds, Specifications, Special Specifications, Special Provisions, all Plans, Work Orders and Change Orders that are required to complete the construction of the work in an acceptable manner, including authorized extensions.

- 101.05.AG. Department. Replace definition with the following: "Engineering Services Department of the City of Tulsa, Oklahoma."
- 101.05.AI. Director. Replace definition with the following: "The Director of the Engineering Services Department of the City of Tulsa."
- 101.05.AL. Engineer. Replace definition with the following: "The City Engineer of the City of Tulsa or his designee."
- 101.05.AT. Holiday. Replace definition with the following: "Those days declared to be holidays for regular Civil Service employees of the City of Tulsa."
- 101.05.AV. Inspector. Replace definition with the following: "The City of Tulsa's Engineering Services Department authorized representative assigned to make inspections of the work."
- 101.05.AX. Letter of Credit. All references to the "State" shall mean "The City of Tulsa, Oklahoma, a municipal corporation acting by and through its duly authorized officers and agents."
- 101.05.BF. Materials Division. Replace definition with the following: "The Director of the Engineering Services Department of the City of Tulsa."
- 101.05.BG. Materials Engineer. Replace definition with the following: "The City Engineer of the City of Tulsa or his designee".
- 101.05.BZ. Resident Engineer. Replace definition with "The direct representative of the Engineering Services Department of the City of Tulsa for the oversight of construction projects with authority for oversight of all aspects of the construction project."
- 101.05.CC. Right-of-Way. Replace definition with the following: "Right-of-Way or ROW shall mean the surface, the airspace above ground, and the area below the surface of any public street, highway, parkway, lane, path, alley, sidewalk, boulevard, drive, bridge, tunnel,

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stormwater drainage system, easement, park, or similar property in which the City now or hereafter holds a property interest and/or a maintenance responsibility which, consistent with the purposes for which it was granted or dedicated, may be used to install, operate and maintain Facilities.

101.05.CH. State. All references to the "State" shall mean the "The City of Tulsa, Oklahoma, a municipal corporation acting by and through its duly authorized officers and agents."

#### 101.05.CP. Supplemental Agreement. Delete

1001.B. City of Tulsa exceptions to the following provisions, listed as numbered in the 2009 Edition of the Standard Specifications for Highway Construction, are hereby described as follows:

102.01. Pre-Qualification. Replace section with "The City of Tulsa requires General / Prime Contractors to be Prequalified according to Title 11 Chapter 11 of the City of Tulsa Ordinances."

102.06. Examination of Plans, Specifications, Special Provisions, and the Work Site. Replace the fourth paragraph with, "If the City has boring logs and subsurface investigation results, bidders may contact the Contract Administrator at the following address during normal business hours:

City of Tulsa Engineering Services Department 2317 S. Jackson Ave. Tulsa. OK 74107"

102.10. Delivery of Proposal. Replace section with the following: "Each bid Proposal shall be completed electronically on the electronic media provided, then printed, signed and submitted along with the electronic media and the complete bound copy of the contract documents or as instructed in the Notice to Bidders. In the event of a discrepancy between the pricing on the electronic media and the hard copy of a Proposal, the hard copy pricing will govern. If an electronic media is not provided and the bid Proposal is manual, the bid Proposal shall be submitted in ink. The written words shall govern over the figures. Erroneous entries shall be lined out, initialed by the bidder, and the correct entry inserted. The unit price bid must cover all expense for furnishing the labor, materials, tools, equipment, and apparatus of every description to construct, erect, and furnish all work required by and in conformance with the Plans and Specifications.

Each bid shall be enclosed in a sealed envelope addressed to the:

City Clerk's Office
The City of Tulsa
One Technology Center
175 E. 2<sup>nd</sup> Street, Suite 260
Tulsa, Oklahoma 74103

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or as otherwise instructed in the Notice to Bidders, and identified on the outside with the words:

PROJECT NO.

Pre-qualification Certificate Number

All addenda to the contract documents shall accompany the bid when submitted. Any bid turned in prior to 96 hours before opening is non-responsive."

- 102.13. Public Opening of Proposals. Replace section with the following: "Proposals shall be publicly opened and read on the date and at the hour and place set forth in the advertisement and Notice to Bidders in the manner established by the City."
- 102.16. Non-Collusive Bidding Certification. Replace ODOT form and replace with the form provided in the Bid Documents.
- 103.08. Approval of Contract. Replace section with the following: "The Contract shall not be binding upon the City until it has been executed and approved in the manner set forth in the Tulsa City Charter."
- 105.17.C. Final Acceptance. Replace definition with the following: "The date on which the Request for Action (RFA) for final payment has been signed by the Mayor of the City of Tulsa."
- 105.18. Claims for Adjustment. Delete section.
- 106.03. Samples, Tests and Cited Specifications. Insert the following after the second sentence: "FAST Guide shall mean current City of Tulsa testing guidance as shown in the Special Provisions."
- 106.04.D. Distribution of Certifications. Replace section with the following: "The Contractor shall submit certifications to the Engineer with another copy mailed to:

Construction Engineer City of Tulsa Engineering Services Department 2317 S. Jackson Ave. Tulsa, OK 74107"

- 106.05. Plant Inspections. In this section, "Oklahoma City" shall mean "Tulsa."
- 106.11. Guarantees and Warranties. In this paragraph replace "six month" with "twelve month."
- 107.14. No Waiver of Legal Rights. Delete section.

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- 107.19. Regulated Floodways. Add the sentence, "The Contractors shall also follow the requirements of Title 11A of the City ordinances."
- 107.20. Stormwater Management. Insert after the first sentence, "The Contractors shall also follow the requirements of Title 11A of the City ordinances."
- 108.02. Notice to Proceed and Preconstruction Conference. Modify the second paragraph to read: "After the Contractor and Resident Engineer hold a preconstruction conference, the Contractor shall receive a Notice to Proceed, before the start of construction."
- 108.07.B. Calendar Day Contract. Delete the second paragraph and replace with the following: "There are fifteen (15) working days in every month of the year."
- 108.08. Incentive/Disincentive for Early/Late Completion. Delete section.
- 108.09. Failure to Complete on Time. Delete Table 108:1.
- 109.04.B. Submitting a Claim. Delete Sections 1 through 4. Insert the following after the first paragraph: "Change Orders to be processed according to City policy."
- 109.06. Progress Payments. In the second paragraph delete language regarding "semi-monthly progressive estimates."
- 109.08. Final Payment. Delete last paragraph of the section and replace with the following: "Contractor shall submit final payment within 90 days of completion of job unless otherwise approved by the City."
- 109.10.A. Recoverable Costs. Delete section.
- 109.11. Payment to Subcontractors. Delete last paragraph of the section.
- **220.04.C.** Contractor Responsibilities for SWPPP. Delete the first sentence of the second paragraph and replace with the following: "A Contractor Certification statement for subcontractors is "required."
- 401.04.A. Tolerances. Delete entire section and replace with the City of Tulsa Special Provision for Pavement and Bridge Deck Smoothness provided in the contract documents.
- 411.04.N. (2) Acceptance. Replace this section with the following: "ODOT pay factors for average lot density, asphalt cement content, and air voids shall not be used for this project. Failure to reach average lot density of 92% to 97%, asphalt cement content of +/- 0.40 of job mix formula, or air voids greater than 1.5 deviation from target will result in rejection of the work. In addition the thickness of the asphalt must be equal to or greater than what is specified."
- 414.02 Materials. Delete Fly Ash. Fly Ash is not allowed in any concrete mixture unless specifically specified in the Special Provisions / Plans.

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- 414.03.B. Placing and Finishing Equipment. In the first paragraph add the sentence, "If paving is not performed by a slip form paver a hand vibrator shall be required."
- 414.04.R. Acceptance of Pavement. Replace this section with the following: "ODOT pay factors for strength and thickness shall not be used on this project. Failure to reach less than 300 psi of the target strength from the mix design will result in rejection of the work. In addition, the thickness of the Portland Cement Concrete Pavement must be equal to or greater than what is specified."
- 509.06. Basis of Payment. Delete pay factors for air content.
- **516.06.** Basis of Payment. Delete the Obstructions pay item.
- 701.01.B. Cement Substitution. Delete Fly Ash. Fly Ash is not allowed in any concrete mixture unless specifically specified in the Special Provisions / Plans.
- **702.01.** Fly Ash. Delete Fly Ash. Fly Ash is not allowed in any concrete mixture unless specifically specified in the Special Provisions / Plans.
- 801.02. Materials. Replace Department's Traffic Engineering Division Qualified Products List (QPL) with the City of Tulsa Traffic Engineering's Approved Products List (APL).
- 801.04.B. Bonding and Diagram. Delete and replace section with the following:

"Provide mechanically and electrically secure conduit, poles, and highway lighting cabinets to form a continuous system.

Provide No. 8 AWG copper wire for grounding traffic signal cabinet.

Provide at least No. 6 AWG THHN green stranded copper wire for bond and ground jumpers for all other equipment.

Provide at least No. 6 AWG THHN green stranded copper wire for ground poles, securely attached to the pole and the ground rod, as shown on Plans.

All identified neutrals shall be white."

- 802. Electrical Conduit. Delete section and refer to City of Tulsa Specification 602, Electrical Conduit.
- 803. Pull Boxes and Ground Boxes. Delete section and refer to City of Tulsa Specification 601, Pull Boxes.
- 804. Concrete Footings. Delete section and refer to City of Tulsa Specification 603, Signal Pole Footings.

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- 805.01. Description. Delete section and replace with the following: "This work consists of the removal and delivery of traffic signal and highway lighting items, to the City of Tulsa Operations facility, which equipment shall remain the property of the City of Tulsa: Traffic signal poles, signal heads, pedestrian heads, backplates, controller cabinet assembly, cabinet guard, mast arm signs, astro-brackets, span wire equipment and any other traffic signal equipment removed except for the pull boxes, conduit and wire which shall become the property of the contractor. Work to include the removal of all footings below ground or a directed by the engineer. Footings shall become the property of the contractor."
- 805.04. Construction Methods. Replace the second paragraph with the following: "Do not damage traffic signal equipment during removal and storage. Remove all footings to below ground level or as directed by the engineer. Footings, pull boxes, conduit and wire shall become property of the contractor."
- 806. Poles and Mast Arms. Delete section and refer to City of Tulsa Specification 617, Poles and Mast Arms.
- 810. Power Supplies. Delete section and refer to City of Tulsa Specification 607, Power Supplies.
- 811. Electrical Conductors Highway Lighting. Delete section and refer to City of Tulsa specification 621, Electrical Conductors Highway Lighting.
- 825. Traffic Signal Controller Assembly. Delete section and refer to City of Tulsa specification 610, Traffic Signal Controller Assembly.
- 828. Vehicle Loop Detector and Loop Detector Wire. Delete section and refer to City of Tulsa specification 604, Detector Wire.
- 830. Pedestrian Push Button. Delete section and refer to City of Tulsa specification 613, Pedestrian Push Button.
- 831. Traffic Signal Heads. Delete section and refer to City of Tulsa specification 614, Traffic Signal Heads.
- 832. Optically Programmed Adjustable Traffic Signal Heads. Delete section.
- 833. Traffic Signal Backplanes. Delete section.
- 834. Electrical Conductors for Traffic Signals. Delete section and refer to City of Tulsa specification 611, Electrical Conductors for Traffic Signals.

7

Section 2. SEVERABILITY. If any section, subsection, paragraph, subparagraph, sentence, clause or phrase of this Ordinance shall be declared invalid for any reason whatsoever, such decision shall not affect the remaining portions of this Ordinance, which shall remain in full force and effect, and to this end the provisions of this Ordinance are hereby declared to be severable.

ADOPTED by the Council:	JAN 14 2016	
	Date awa	
	Chairman of t	the Council
	OFFICE OF THE MAYOR	
Received by the Mayor:		at
	Date	Time
	Dewe	y F. Bartlett, Jr.
	By:	
	Secretary	
APPROVED by the Mayor of	of the City of Tulsa, Oklahoma	ı: JAN 2 2 2016
at		Date
Time		
	Kley Hol	
	Mayor	
ATTEST:		•
3 That Isto		
Ti Gity Clerk	_	
APPROVED:		

### **SPECIFICATIONS**

- A. Oklahoma Department of Transportation Standard Specifications for Highway Construction, 2009 Edition, shall be used on this project including Section 100-General Provisions, as modified by Ordinance No. 23427
- B. City of Tulsa, Engineering Services Department Construction Specifications October 2013 are incorporated herein as if fully set forth and are on file, including all revisions posted on internet prior to bid opening, with the Engineering Services Department, Engineering Design Division, 2317 S. Jackson Ave. Tulsa, Oklahoma or access on the internet at: <a href="http://www.cityoftulsa.org/government/departments/engineering-servicess/specification-checklists-and-details">http://www.cityoftulsa.org/government/departments/engineering-servicess/specification-checklists-and-details</a>

# FEDERAL REQUIREMENTS

"General Decision Number: OK20200028 08/14/2020

Superseded General Decision Number: OK20190028

State: Oklahoma

Construction Type: Heavy

County: Tulsa County in Oklahoma.

HEAVY CONSTRUCTION PROJECTS (including sewer/water line construction; heavy construction projects on treatment plants and industrial sites) (excludes heavy dredging and water well drilling)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number

Publication Date

1

01/03/2020 08/14/2020

\* ELEC1002-005 07/05/2020

	Rates	Fringes	
ELECTRICIAN	\$ 39.32	29.5%+7.50	
ENGINCOZ 014 06/01/2010			_

ENGI0627-014 06/01/2019

	Rates	Fringes
POWER EQUIPMENT OPERATOR:		
Group 1	\$ 31.05	13.75
Group 2	\$ 29.35	13.75
Group 3	\$ 28.80	13.75
Group 4		13.75
Group 6		13.75
Group10		13.75

#### POWER EQUIPMENT OPERATOR

GROUP 1: All Crane Type Equipment 200 ton and larger and including 400 ton capacity cranes. All Tower Cranes.

GROUP 2: All Crane Type Equipment 100 ton capacity and larger cranes, and less than 200 ton capacity.

GROUP 3: All Crane Type Equipment 50 ton capacity and larger cranes, and less than 100 ton capacity. Crane Equipment (as rated by mfg.) 3 cu. yd. and over Guy derrick Whirley Power Driven Hole Digger (with 30' and longer mast).

GROUP 4: CRANES with Boom Incl. Jib less than 100 ft and less than 3 cu. Yd.; Overhead Monorail Crane GROUP 6: ROLLER (ASPHALT AND DIRT) GROUP 10:OILER

IRON0584-019 06/01/2019

	Rates	Fringes
IRONWORKER (Structural, Reinforcing, and Ornamental)	\$ 26.00	15.35
SUOK2012-006 05/18/2012		
	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	\$ 14.00	3.95
FORM WORKER	\$ 11.77	0.00
LABORER: Common or General	\$ 11.37	2.53
LABORER: Pipelayer	\$ 12.94	2.42
OPERATOR: Backhoe/Excavator	\$ 16.62	3.10
OPERATOR: Bulldozer	\$ 17.98	1.75
OPERATOR: Drill	\$ 17.15	0.78
OPERATOR: Grader/Blade	\$ 17.76	3.87
OPERATOR: Loader (Front End)	\$ 14.01	0.00
OPERATOR: Mechanic	\$ 19.61	9.39
OPERATOR: Scraper	\$ 16.00	1.55
OPERATOR: Trackhoe	\$ 16.28	1.73
TRUCK DRIVER: Dump Truck	\$ 14.64	1.71

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

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any

solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

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

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

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates

the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

#### WAGE DETERMINATION APPEALS PROCESS

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

- an existing published wage determination
- a survey underlying a wage determination
- a Wage and Hour Division letter setting forth a position on a wage determination matter
- a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

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

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

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

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

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

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

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

# THIS PROJECT WILL BE PAID WITH FEDERAL FUNDS AND IS SUBJECT TO THE FOLLOWING SPECIAL PROVISIONS

#### FEDERAL REQUIREMENTS

All Bidders must register in the System for Award Management (SAM) and submit a copy of their registration with their bid.

The System for Award Management (SAM) is an official website of the U.S. government and includes information regarding entities debarred, suspended, proposed for debarment, excluded or disqualified under the non-procurement common rule, or otherwise declared ineligible from receiving Federal contracts, certain subcontracts, and certain Federal assistance and benefits. In order to be eligible to bid, applicants must register in SAM.

To register, go to www.sam.gov and create an account by clicking the "Create User Account" and follow the directions. You will need your DUNS number and about 30 minutes to complete the process. If you need help call 1-866-606-8220. Registration is FREE.

If you do not yet have an "Active" registration in SAM when the bid is due, provide a printout from the SAM website with your bid showing the Registration Status as either "Submitted" or "In Progress".

<u>NOTICE:</u> No contract can be executed without being accompanied with a dated System of Award Management "Entity Overview" printout showing the Registration Status as Active with No Exclusions.

#### **CERTIFICATION REGARDING LOBBYING**

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,00 0 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

* APPLICANT'S ORGANIZATION	
* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE Prefix:	Middle Name: Suffix:
* SIGNATURE:	* DATE:

#### SPECIAL PROVISIONS

## SUPPLEMENTAL CONTRACT REQUIREMENTS HUD/CDBG FUNDING REQUIREMENTS

#### A. Civil Rights

#### 1. Compliance

The Contractor agrees to comply with all local and state civil rights laws and ordinances and with Title VI of the Civil Rights Act of 1964 as amended, Title VIII of the Civil Rights Acts of 1968 as amended, Section 104(b) and Section 109 of Title I of the Housing and Community Development Act of 1974 as amended, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, Executive Order 11063, and Executive Order 11246 as amended by Executive Orders 11375, 11478, 12107 and 12086.

#### 2. Nondiscrimination

The Contractor agrees to comply with the non-discrimination in employment and contracting opportunities laws, regulations, and executive orders referenced in 24 CFR 570.607 (CDBG), as revised by Executive Order 13279. The applicable non-discrimination provisions in Section 109 of the HCDA are still applicable.

#### 3. Section 504

The Contractor agrees to comply with all Federal regulations issued pursuant to compliance with Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794), which prohibits discrimination against the individuals with disabilities or handicaps in any Federally assisted program. The City shall provide the Contractor with any guidelines necessary for compliance with that portion of the regulations in force during the term of this Agreement.

#### **B.** Affirmative Action

#### 1. Approved Plan

The Contractor agrees that it shall be committed to carry out an Affirmative Action Program in keeping with the principles of and as required by President's Executive Order 11246 of September 24, 1965. The City shall provide Affirmative Action guidelines to the Contractor to assist in the formulation of such program if necessary. Where applicable, the Contractor shall submit a written plan for an Affirmative Action Program prior to the reimbursement of funds.

#### 2. Women-and Minority-Owned Business (W/MBE)

The Contractor will use its best efforts to afford small business, minority business enterprises, and women's business enterprises the maximum practicable opportunity to participate in the performance of this Agreement. As used in this Agreement, the term "small business" means a business that meets the criteria set forth in section 3(a) of the Small Business Act, as amended (15 U.S.C. 632), and the term "minority and female business enterprise" means a business at least fifty-one (51) percent owned and controlled by "minority group members or women." For the purpose of this definition, "minority group members" are Afro-Americans, Spanish-speaking, Spanish surnamed or Spanish-heritage Americans, Asian-Americans, and American Indians. The contractor may rely on written representation by businesses regarding their status as minority and female business enterprises in lieu of an independent investigation.

#### 3. Equal Employment Opportunity

During the performance of this Federally assisted construction contract, Contractor agrees as follows:

- (1) Contractor will 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. such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- (2) Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.
- (3) Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (4) 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.
- (5) Contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

- (6) In the event of the Contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (7) Contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency the contractor may request the United States to enter into such litigation to protect the interests of the United States.

#### 4. Subcontract Provisions

The Contractor will include the provisions of Paragraphs A. Civil Rights, and B. Affirmative Action, in every subcontract or purchase order, specifically or by reference, so that such provisions will be binding upon each of its own Contractor or subcontractors.

#### C. Employment Restrictions

#### 1. Prohibited Activity

The Contractor is prohibited from using funds provided herein or personnel employed in the administration of the program for: political activities; inherently religious activities; lobbying; political patronage; and nepotism activities.

#### 2. Drug-Free Workplace

Contractor shall provide a drug-free workplace in accordance with the Drug-Free Workplace Act of 1988.

#### 3. Lobbying

The Contractor hereby certifies that:

- a. No Federal appropriated funds have been paid or will be paid, by or on behalf of it, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- b. If any funds other than Federal appropriated fund have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, it will complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions; and
- c. It will require that the language of paragraph (d) of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all Contractors shall certify and disclose accordingly;
- d. Lobbying Certification

  This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S.C. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

#### D. Labor Standards

The Contractor agrees to comply with the requirements of the Secretary of Labor in accordance with the Davis-Bacon Act as amended, the provisions of Contract Work Hours and Safety Standards Act (40 U.S.C. 327 et seq.) and all other applicable Federal, state and local laws and regulations pertaining to labor standards insofar as those acts apply to the performance of this Agreement. The Contractor agrees to comply with the Copeland Anti-Kick Back Act (18 U.S.C. 874 et seq) and its implementing regulations of the U.S. Department of Labor at 29 CFR Part 5. The Contractor shall maintain documentation that demonstrates compliance with hour and wage requirements of this part. Such documentation shall be made available to the City, HUD or its agents, or other authorized Federal officials for review upon request.

The Contractor agrees that, except with respect to the rehabilitation or construction of residential property containing less than eight (8) units, all contractors engaged under contracts in excess of \$2,000.00 for construction, renovation or repair work financed in whole or in part with assistance provided under this Agreement, shall comply with Federal requirements adopted by the HUD pertaining to such contracts and with the applicable

requirements of the regulations of the Department of Labor, under 29 CFR Parts 1, 3, 5 and 7 governing the payment of wages and ratio of apprentices and trainees to journey workers; provided that, if wage rates higher than those required under the regulations are imposed by state or local law, nothing hereunder is intended to relieve the Contractor of its obligation, if any, to require payment of the higher wage. The Contractor shall cause or require to be inserted in full, in all such contracts subject to such regulations, provisions meeting the requirements of this paragraph.

Wage rates shall be retrieved from the Department of Labor and each wage decision verified as current. All laborers and mechanics employed or working upon the work sites 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). The full amount of wages and bona fide fringe benefits due at time of payment shall be computed at rates not less than those contained in the wage determination of the Secretary of Labor. An original certified copy of weekly payrolls for all contractors performing work on the structure will be mailed weekly to the City of Tulsa at the following address:

Grants Administration City of Tulsa 175 E. 2<sup>nd</sup> Street – Suite 480 Tulsa, OK 74103

Contractor shall comply with additional Federal Labor Standards Provisions contained in form HUD-4010 below.

#### E. "Section 3" Clause

#### 1. Compliance

Compliance with the provisions of Section 3 of the HUD Act of 1968, as amended, and as implemented by the regulations set forth in 24 CFR 135, and all applicable rules and orders issued hereunder prior to the execution of this Agreement, shall be a condition of the Federal financial assistance provided under this Agreement and binding upon the City, the Contractor and any of the Contractor's Contractors and subcontractors. Failure to fulfill these requirements shall subject the City, the Contractor and any of the Contractors' Contractors and subcontractors, their successors and assigns, to those sanctions specified by the Agreement through which Federal assistance is provided. The Contractor certifies and agrees that no contractual or other disability exists that would prevent compliance with these requirements. The Contractor further agrees to comply with these "Section 3" requirements and to include the following language in all subcontracts executed under this Agreement:

"The work to be performed under this Agreement is a project assisted under a program providing direct Federal financial assistance from HUD and is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended (12 U.S.C. 1701). Section 3 requires that to the greatest extent feasible opportunities for training and

employment be given to low- and very low-income residents of the project area, and that contracts for work in connection with the project be awarded to business concerns that provide economic opportunities for low and very low-income persons residing in the metropolitan area in which the project is located."

The Contractor further agrees to ensure that opportunities for training and employment arising in connection with a housing rehabilitation (including reduction and abatement of lead-based paint hazards), housing construction, or other public construction project are given to low- and very low-income persons residing within the metropolitan area in which the HUD-funded project is located; where feasible, priority should be given to low income participants in other HUD programs; and award contracts for work undertaken in connection with a housing rehabilitation (including reduction and abatement of lead-based paint hazards), housing construction or other public construction project to business concerns that provide economic opportunities for low income and very low income persons residing within the metropolitan area in which the HUD-funded project is located; where feasible, priority should be given to business concerns that provide economic opportunities to low income and very low income residents within the service area or the neighborhood in which the project is located, and to low income and very low income participants in other HUD programs. The Contractor certifies and agrees that no contractual or other legal incapacity exists that would prevent compliance with these requirements.

#### 2. Notification

The Contractor agrees to each labor organization or representative of workers with which it has a collective bargaining agreement or other contract or understanding, if any, a notice advising said labor organization or worker's representative of its commitments under this Section 3 clause and shall post copies of the notice in conspicuous places available to employees and applicants for employment or training.

#### 3. Subcontracts

The Contractor will include this Section 3 clause in every subcontract and will take appropriate action pursuant to the subcontract upon a finding that the subcontractor is in violation of regulations issued by HUD. The Contractor will not subcontract with any entity 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 entity has first provided it with a preliminary statement of ability to comply with the requirements of these regulations.

#### D. Conduct

#### 1. Assignability

The Contractor shall not assign or transfer any interest in this Agreement without the prior written consent of the City thereto; provided, however, that claims for money due or to become due to the Contractor from the City under this Agreement may be assigned to a bank,

trust company, or other financial institution without such approval. Notice of any such assignment or transfer shall be furnished promptly to the City.

#### 2. Subcontracts

#### a. Monitoring

The Contractor will monitor all subcontracted services on a regular basis to assure contract compliance. Results of monitoring efforts shall be summarized in written reports and supported with documented evidence of follow-up actions taken to correct areas of noncompliance.

#### b. Content

The Contractor shall cause all of the provisions of this Agreement in its entirety to be included in and made a part of any subcontract executed in the performance of this Agreement.

#### c. Selection Process

The Contractor shall undertake to insure that all subcontracts let in the performance of this Agreement shall be awarded on a fair and open competition basis in accordance with applicable procurement requirements.

#### 3. Hatch Act

The Contractor agrees that no funds provided, nor personnel employed under the Agreement, shall be in any way or to any extent engaged in the conduct of political activities in violation of Chapter 15 of Title V of the United States Code.

#### 4. Conflict of Interest

The Contractor agrees to abide by the provisions of 24 CFR 84.42 and 570.611, which include (but are not limited to) the following:

- a. The Contractor shall maintain a written code or standards of conduct that shall govern the performance of its officers, employees or agents engaged in the award and administration of contracts supported by Federal funds.
- b. No employee, officer or agent of the Contractor shall participate in the selection, or in the award, or administration of, a contract supported by Federal funds if a conflict of interest, real or apparent, would be involved.
- c. No covered persons who exercise or have exercised any functions or responsibilities with respect to HUD-assisted activities, or who are in a position to participate in a decision-making process or gain inside information with regard to such activities,

may obtain a financial interest in any contract, or have a financial interest in any contract, subcontract, or agreement with respect to the HUD-assisted activity, either for themselves or those with whom they have business or immediate family ties, during their tenure or for a period of one (1) year thereafter. For purposes of this paragraph, a "covered person" includes any person who is an employee, agent, consultant, officer, or elected or appointed official of the City, the Contractor, or any designated public agency.

#### 5. Copyright

If this Agreement results in any copyrightable material or inventions, the City and/or grantor agency reserves the right to royalty-free, non-exclusive and irrevocable license to reproduce, publish or otherwise use and to authorize others to use, the work or materials for governmental purposes.

#### 6. Religious Activities

The Contractor agrees that funds provided under this Agreement will not be utilized for inherently religious activities prohibited by 24 CFR 570.200(j)(CDBG), such as worship, religious instruction, or proselytization.

#### E. Environmental Conditions

#### 1. Air and Water

The Contractor agrees to comply with the following requirements insofar as they apply to the performance of this Agreement:

- a. Clean Air Act, 42 U.S.C., 7401, et seq.;
- b. Federal Water Pollution Control Act, as amended, 33 U.S.C., 1251, et seq., as amended, 1318 relating to inspection, monitoring, entry, reports, and information, as well as other requirements specified in said Section 114 and Section 308, and all regulations and guidelines issued thereunder.

#### 2. Energy

Mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 U.S.C. 6201)

#### F. General

The contractor must obtain a Dun & Bradstreet DUNS (Data Universal Numbering System) number for this project as it is funded by Federal Grant funds. The DUNS number is a unique, nine-digit number that identifies each physical location, division and/or branch of your company and is used by the federal government to verify and monitor businesses.

Contractors may obtain a DUNS number at the following link: <a href="http://www.sba.gov/content/getting-d-u-n-s-number">http://www.sba.gov/content/getting-d-u-n-s-number</a>.

No contract shall be made to parties listed on the General Services Administration's List of Parties Excluded from Federal Procurement or Nonprocurement Programs in accordance with E.O.s 12549 and 12689, "Debarment and Suspension," as set forth at 24 CFR part 24. Contractor must register in the federal government's System for Award Management (SAM) database located at the following link: <a href="www.sam.gov">www.sam.gov</a>. This database identifies those parties excluded throughout the United States from receiving Federal contracts or certain subcontracts and from certain types of Federal financial and nonfinancial assistance and benefits.

#### A dated copy of the SAM's Entity Overview must be submitted with bid.

At July 15<sup>th</sup> and at the conclusion of the project, the contractor must provide information to the City that is required for Housing & Urban Development forms HUD-2516 and HUD-60002. See attached forms. This information is to be sent to the City of Tulsa, Finance Department, Grants Administration in order to complete the required Federal documentation of the project. Please send this information to the following address:

City of Tulsa Finance Department Grants Administration 175 E. 2<sup>nd</sup> Street, Suite 480 Tulsa, OK 74103

OR email to the following: grantsadmin@cityoftulsa.org

#### G. Access to Records

The Contractor shall furnish and cause each of its own Contractors or subcontractors to furnish all information and reports required hereunder and will permit access to its books, records and accounts by the City, HUD or its agents, or other authorized Federal officials for purposes of investigation to ascertain compliance with the rules, regulations and provisions stated herein.

#### 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

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)(ii) 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)

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 the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to 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;

- (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, fallure 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

Previous editions are obsolete

form HUD-4010 (06/2009)

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.
- 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 lwo 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 filed 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.

- (3) Withholding for unpaid 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 seg.
- (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.

Confract and Subcontract Activity

U.S. Department of Housing and Urban Dovelopment

OMB Approval No.: 2577-0088

OMB Approval No.: 2502-0355 Public reporting burden for this collection of information is estimated to average 5. hours per response, including the time for reviewing instructions, searching existing data sources, geathering and maintaining the dara needed, and completing and reviewing the collection of information. The Information is voluntary. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB Control Number.

Executive Orders dated July 14, 1933, directs the Minority Business Development Plans shall be developed by each Federal Agency and the these enrual plans shall entablish minority business the Minority Business are opice (AMB2) goals. The Department requires the information to provide guidance and oversight for programs for the development of minority business enterprise concerning Minority Business Development. If the information is

Privacy Act Notice—The United States Department of Housing and Urban Development. Federal Housing Administration is authorized to solicit the Information requested in this form by virue of This 12, United States Code, Section 1701 et seq., and regulation. It will not be disclosed or relessed outside the United States Department of Housing and Urban Development without you'reconsent, except as required or permitted by Law.

1. Grantee-Project Owner/Developer/%gonzor/Builder/Agency	eveloper/Sponsor/B	uilder/Agency												
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53. Naibe of Course Person				3b. Phote Number (Including Area Code)	देशकु Arta Codey	4. Reporting Penod	ng Penod	100	$\vdash$	5. Frogam Code (Not applicable for CPD programs.) See explanation of Codes at bostom of Page Use a	programs.)	6. Date Submitted to Field Office		
GrantProject Number or HUD Case Number or other identification of property, subdivision, dwelling unit, etc.	Amount of Contract	Type of Trade Code	Contractor or Subcontractor Business Radal/Ethole		Woman Owned Business Prince Contractor I dentification (ID)		Subcontrador Identification (ID)		7	Coulta	Contractor/Subcontractor Name and Address	Vame and Address		
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2 - Education		I = New Construction		6 = Professional		2 = Black Americans	Trenicans		2= 13eed	2= Mexible Subside	9	5 = Section 202		
3 = Other		2 = Substantial Rehab 3 = Remair		7 = Tenant Services		3 = Native Americans	Chericons		3=560	on S Nottingued, Non	HPDA	1 - Behindark Handa		
		4 = Service 5 = Project Manga.		o – zestembo minong 9 = Arch/Ergsp. Apprelsal 0 = Other	7	4 = Bispanic Americans 5 = Asian/Patific Americ 7 = Trains Tone	4 = Hispanic Americans 5 = Asian/Padiic Americans 6 = Hodina		P. M J.	4 = Instred (Management)	i i	8 = Section 811		
Previous editions are obsolete.						- VINCOLI I	2445							
												form HUD-2516 (8/98)	!	

This ropor is to be completely by garantee, evel-poets, squores, builders, agreencies, and/or project rowars for reporting contact and naticeonard activities of \$10,000 or more under the following programs: Community Deselvoment Block Grants (entitlement and small cities). Urbon Deselvoment Action Grants, Housing Development Grants, Multifarmily Insured and Nominsured. Public and Indian Housing Authorities; and contrasts entered into by recipients of CDBG rehabilitation assessance.	completed for public and finlant loosing and most community development programs. From HUD. 60022 is to be completed by all other HUD programs including States administered community development programs covered under Settions. A Section 3 Contract constitutions are a business conscion that provides accouncil opportunities to law and very Low-income residents of the conscionation of the provides accouncil opportunities to law and very Low-income residents of the convector by low-an come residents.	tosts or unusually high or low-income families. Very low-income families (archulung single persons) whose incomes don or exceed by oper cenum of the incuriod in the income for law may as determined by the Exercise with adjointness for smaller and larger families, except that the secretary may establish income cellings higher or lower than 50 per centum of the medium for the mea on the basis of the Secretary's findings that such variations are necessary because of unusually high or low family incomes.
Contracts subcentrats of less than S.O.(00) need be reported only if such contracts represent a significant portion of your total contracting activity. Include only contracts executed during this reporting period.	or provides subcontracting or business development opportunities to businesses owned by low or low- income residents. Low and very low-income residents; include participants in Youthfullid programs established under Subitle Do of Title IV of the Crauston-Genzalez National Alfractable Housing Act.	Submit two (2) cepies of this report to year local HUD Office within ten (10) days after the ead of the reporting period you checked in item 4 on the From. Complete item 7h, Only once for each contractorisab contractor on each seme-annual report.
This form has been modified to capture Section 3 content data in columns 7g and 71. Section 3 requires that the employment and other conomic opportunities generated by HUD financial assistance for husning and community development programs and half, to be generated cortal that the directed toward thow and very low-introne presons, particularly those who are respinants of government assistance for housing. Recipients using this form to report Section 3 contract data man also uses Paul 10 from HUD-60002 to report complayment and training apportunities data. Form HUD-2516 is to be	The terms "low-income persons" and "very low-income persons" have the same mensings given the terms in section (by)(2) of the United States Housing Act of 1597. Low-income persons mean limitist (instituting supperpersons) which income to the caces of super-centum of the ancient income for the sex of etermined by the Secretary, with adjustments for smaller an larger finallists, except that the Secretary may establish income cellings higher or lower than 80 per centum of the median for the even out the behave of the secretary's findings that such variations are necessary because of percenting lords of construction.	Enter the prime contractor's ID in stem 7f. for all contracts and subcontracts. Include only contract capacital during this reporting period. PHASIHAS are to report all contracts subcontracts.
Community Development Programs	Multifamily Housing Programs	Public Housing and Indian Housing Programs
1. Grantee: Enter the name of the unit of government submitting this report.	1. GrantevProject Owner:Enter the name of the unit of govenment, agency or mortgagor entry submitting this report.	PITAMILA are to report all contracts/subcontracts. Include only contracts executed during this reporting period.
3. Contact Person: Enter name and phone of person responsible for maintaining and submitting contract/subcontract data.	3. Contact Person:Same as iten 3 unter CPD Programs.	1. Project Owner: Exter the name of the unit of government, agency or mortgagor entity submitting this fresort, Check how as anovements.
*a. Grant Number-Fatter the HUD Community Development Block Grant Identification Number (with dashes), For example: B-32-MC-23-0334. For Entifernett Programs and Small City multi- ) sear comprehensive programs, enser the latest approved grant number.	4. Reporting Periodi Check only one period	3. Contact Person: Same as item 3 under CPD Programs.
2b. Amount of Contract/SubcontractEnter the dollar univant rounded to the nearest dollar. If subcorractor Dimméric is provided in '7t, the dollar figure would be for the subcontract only and the other prime contract.	S. Program Code (Dater the appropriate program code.	4. Reporting Period: Check only one period.
?c. Type of Trade: Bater the numeric codes which best indicates the contractor/shobcontractor's service Tradectractor Dumber is produced in 7. the type of Trade code would be for the subcontractor only and not for the prime contractor.	$\gamma_{a}$ Grant/Polect Number-Finer the HID Project Number or Housing Development Grant or number assigned.	S. Program Code: Linter the appropriate program code.
The "other" category includes supply, professional services and all other activities except construction and education training activities.	B. Amount of ContractSubcontractSane as ten B. under CPD Programs.	7a. Grand/Project Number: Exter the HUD Project Number or Housing Develoyment Grant or Aminjer assigned,
"d. Business Rartal Ethnic Cender Code Enier the numers code which indicates the racial/ethnic/sender character of the owner(s) and controller(s) of 51% of the business.	7c. Type of Trade: Sancas item 7c. under CPD Programs.	To. Amount of Confract/Subcontract; Surve as item 7b. under CPD Programs.
With 31% or mree as not owned and controlled by may single metalefuluicgualer catagory, enter the code which secrets most appropriate I foll subcommeter TD number is provided. the code would stuply to the subcontractor and rate to the prince contractor.	7d. Business Ractal/PUndo/Gender CodesSume as item 7d. under CIVD Program.	7c. Type of Irrade: Same as item 7c. under CPD Programs.
e. Wonnan Owned Business:Enter Yes or No.	7e. Wonnan Owned Business:Enter Yes er No.	7d. Business Racial/Ethnic/Gender Code: Same as item 7d urder CPD Programs.
11 Contractor Identification (ID) Number Enter the Employe (IRS) Number of the Pinne Contractor as the unique featurite it of partier recipient of ILID Junia, Note that the Employer (IRS) Number ransa be provided for each contract/absolutes awarded.	77. Contractor Identification (ID) NumberSame as iten 72 under CPD Programs.	Te. Woman Owned Bushnasi Ener Yes of No.
2. Sedion 3 Contractor: Enter Yea or No.	7s. Section 3 Contractor Enter Yes or No.	7f. Centractor Identification (ID) Number Some sa item 7f. under CPD Program
Th. Sub-contract or Identification (ID) NumbertEnter the Emphyse tiBS) Namper of the sub-contracts as the unique identifier for each sub-contract sowarded from HUD fands. When the spectraction to Distribute is provided, the respective Prime Contractor ID Namber must also be provided	Th. Subcontractor Identification (ID) NumberSame es item 7h. under CPD Programs.	'19. Section 3 Contractor: Edier Ves et No.
7. Section 3 Contractor:Enter Yes or No.	71. Section 3 Contractor: Enter Yes or No.	71. Subcontractor Identification (ID) NumberSame as item 70. under CPD Programs.
<ol> <li>Contractor/Subcontractor Name and AddressEnter this information for each firm receiving contract/subcontract activity only one time on each remon for each firm.</li> </ol>	7). Contractor/Subcontractor Name and Addressame se item 7), under CFD Programs.	7. Section 3 Contractor; Edger 15s or No.
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Section 3 Summary Report Economic Opportunities for

U.S. Department of Housing and Urban Development Office of Fair Housing

OMB Approval No. 2529-0043 (exp. 8/31/2007)

Recipiont Name & Address: (stroot, city, stat	a, zip)	2 Fc	edoral Identification (confect/a	wardno)	3 Dollar Amount of Award
		4. C	onlact Person:		5. Phone: (include area code)
		6 Re	porling Pariod		7 Date Report Submitted:
Program Code * (Use a separat		m Namo:			A STATE OF THE STA
art I: Employment and Training	(** Include New I	lires in columns	E&F.)		
A Job Calegory	B Number of New Hires	C Number of New Hires that are Sec. 3 Residents	D % of Aggregrate Number of Staff Hours of New Hiros that are Sec. 3 Residents	E** % of Tolal Staff Ho for Section 3 Employ and Trainees	
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ogram Codes 3 = F	Public/Indian Hou	•	4 = Homeless Assistance		•

Part II:	Contracts Awarded					
1	Construction Contracts:					
	A. Total dollar amount of all contracts awarded on the project	\$				
	B. Total dollar amount of contracts awarded to Section 3 businesses	\$				
	C. Percentage of the total dollar amount that was awarded to Section 3 businesses	%				
	D. Total number of Section 3 businesses receiving contracts					
2.	Non-Construction Confracts:	and the same of th				
	A. Total dollar amount of all non-construction contracts awarded on the project/activity	\$				
	B. Total dollar amount of non-construction contracts awarded to Section 3 businesses	\$				
	C. Percentage of the total dollar amount that was awarded to Section 3 businesses	%				
	D. Total number of Section 3 businesses receiving non-construction contracts					
Part III:	Summary					
and	cate the efforts made to direct the employment and other economic opportunities generated by community development programs, to the greatest extent feasible, toward low- and very low-ind recipients of government assistance for housing. (Check all that apply.)					
	Attempted to recruit low-income residents through: local advertising media, signs prominently with community organizations and public or private agencies operating within the metropoli in which the Section 3 covered program or project is located, or similar methods.					
5,55,59	Participated in a HUD program or other program which promotes the training or employment of Section 3 residents.					
	Participated in a HUD program or other program which promotes the award of contracts to business concerns which meet definition of Section 3 business concerns.					
	Coordinated with Youthbuild Programs administered in the metropolitan area in which the S	Section 3 covered project is located.				

Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number. Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u., mandates that the Department ensure that employment and other economic opportunities generated by its housing and community development assistance programs are directed toward low- and very low-income persons, particularly those who are recipients of government assistance for housing. The regulations are found at 24 CFR Part 135. The information will be used by the Department to monitor program recipients' compliance with Section 3, to assess the results of the Department's efforts to meet the statutory objectives of Section 3, to prepare reports to Congress, and by recipients as a self-monitoring tool. The data is entered into a data base and will be analyzed and distributed. The collection of information involves recipients receiving Federal financial assistance for housing and community development programs covered by Section 3. The information will be collected annually to assist HUD in meeting its reporting requirements under Section 808(e)(6) of the Fair Housing Act and Section 916 of the HCDA of 1992. An assurance of confidentiality is not applicable to this form. The Privacy Act of 1974 and OMB Circular A-108 are not applicable. The reporting requirements do not contain sensitive questions. Data is cumulative; personal identifying information is not included.

form HUD-60002 (6/2001) ref 24 CFR 135

Form HUD-60002, Section 3 Summary Report, Economic Opportunities for Low- and Very Low-Income Persons.

Instructions: This form is to be used to report annual accomplishments regarding employment and other economic opportunities provided to low-and very low-income persons under Section 3 of the Housing and Urban Development Act of 1968. The Section 3 regulations apply to any public and Indian Housing programs that receive: (1) development assistance pursuant to Section 5 of the U.S. Housing Act of 1937; (2) operating assistance pursuant to Section 9 of the U.S. Housing Act of 1937; or (3) modernization grants pursuant to Section 14 of the U.S. Housing Act of 1937 and to recipients of housing and community development assistance in excess of \$200,000 expended for: (1) housing rehabilitation (including reduction and abatement of lead-based paint hazards); (2) housing construction; or (3) other public construction projects; and to contracts and subcontracts in excess of \$100,000 expended in connection with the Section-3-covered activity.

Form HUD-60002 has three parts which are to be completed for all programs covered by Section 3. Part I relates to *employment and training*. The recipient has the option to determine numerical employment/training goals either on the basis of the number of hours worked by new hires (columns B, D, E and F) or the number of new hires utilized on the Section 3 covered project (columns B, C and F). Part II of the form relates to *contracting*, and Part III summarizes recipients' *efforts* to comply with Section 3.

Recipients or contractors subject to Section 3 requirements must maintain appropriate documentation to establish that HUD financial assistance for housing and community development programs were directed toward low- and very low-income persons.\* A recipient of Section 3 covered assistance shall submit two copies of this report to the local HUD Field Office. Where the program providing assistance requires an annual performance report, this Section 3 report is to be submitted at the same time the program performance report is submitted. Where an annual performance report is not required, this Section 3 report is to be submitted by January 10 and, if the project ends before December 31, within 10 days of project completion. Only Prime Recipients are required to report to HUD. The report must include accomplishments of all recipients and their Section 3 covered contractors and subcontractors.

HUD Field Office: Enter the Field Office name forwarding the Section 3 report.

- Recipient: Enter the name and address of the recipient submitting this
  report.
- Federal Identification: Enter the number that appears on the award form (with dashes). The award may be a grant, cooperative agreement or contract
- Dollar Amount of Award: Enter the dollar amount, rounded to the nearest dollar, received by the recipient.
- 4 & 5. Contact Person/Phone: Enter the name and telephone number of the person with knowledge of the award and the recipient's implementation of Section 3.
- Reporting Period: Indicate the time period (months and year) this report covers.
- 7. Date Report Submitted: Enter the appropriate date.

Submit two (2) copies of this report to the to the HUD Field Office of Fair Housing and Equal Opportunity, Program Operations and Compliance Center Director, at the same time the performance report is submitted to the program office. For those programs where such a report is not required, the Section 3 report is submitted by January 10. Include only contracts executed during the reporting period specified in item 8. PHAs/HAs are to report all contracts/subcontracts.

• The terms "low-income persons" and "very low-income persons" have the same meanings given the terms in section 3(b)(2) of the United States Housing Act of 1937. *Low-Income persons* mean families (including single persons) whose incomes do not exceed 80 per centum of the median income for the area, as determined by the Secretary, with adjustments for

- 8. Program Code: Enter the appropriate program code as listed at the bottom of the page.
- Program Name:Enter the name of the HUD Program corresponding with the "Program Code" in number 8.

#### Part I: Employment and Training Opportunities

Column A: Contains various job categories. Professionals are defined as people who have special knowledge of an occupation (i.e., supervisors, architects, surveyors, planners, and computer programmers). For construction positions, list each trade and provide data in columns B through F for each trade where persons were employed. The category of "Other" includes occupations such as service workers.

Column B: Enter the number of new hires for each category of workers identified in Column A in connection with this award. New Hire refers to a person who is not on the contractor's or recipient's payroll for employment at the time of selection for the Section 3 covered award or at the time of receipt of Section 3 covered assistance.

Column C: Enter the number of Section 3 new hires for each category of workers identified in Column A in connection with this award. Section 3 new hire refers to a Section 3 resident who is not on the contractor's or recipient's payroll for employment at the time of selection for the Section 3 covered award or at the time of receipt of Section 3 covered assistance.

Column D: Enter the percentage of all the staff hours of new hires (Section 3 residents) in connection with this award.

Column E: Enter the percentage of the total staff hours worked for Section 3 employees and trainees (including new hires) connected with this award. Include staff hours for part-time and full-time positions.

Column F: Enter the number of Section 3 residents that were employed and trained in connection with this award.

#### Part II: Contract Opportunities

Block 1: Construction Contracts

Item A: Enter the total dollar amount of all contacts awarded on the project/ program.

Item B: Enter the total dollar amount of contracts connected with this project/program that were awarded to Section 3 businesses.

Item C: Enter the percentage of the total dollar amount of contracts connected with this project/program awarded to Section 3 businesses.

Item D: Enter the number of Section 3 businesses receiving awards.

Block 2: Non-Construction Contracts

Item A: Enter the total dollar amount of all contacts awarded on the project/ program.

Item B: Enter the total dollar amount of contracts connected with this project awarded to Section 3 businesses.

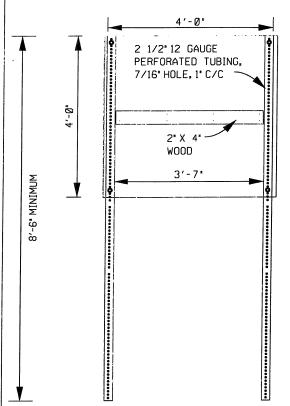
Item C: Enter the percentage of the total dollar amount of contracts connected with this project/program awarded to Section 3 businesses.

Item D: Enter the number of Section 3 businesses receiving awards.

Part III: Summary of Efforts - Self-explanatory

smaller and larger families, except that the Secretary may establish income ceilings higher or lower than 80 per centum of the median for the area on the basis of the Secretary's findings such that variations are necessary because of prevalling levels of construction costs or unusually high- or low-income families. Very low-income persons mean low-income families (including single persons) whose incomes do not exceed 50 per centum of the median family income for the area, as determined by the Secretary with adjustments for smaller and larger families, except that the Secretary may establish income ceilings higher or lower than 50 per centum of the median for the area on the basis of the Secretary's findings that such variations are necessary because of unusually high or low family incomes.

THIS PROJECT WAS
FINANCED IN WHOLE
OR IN PART BY FUNDS
FROM THE U.S.
DEPARTMENT
OF HOUSING AND URBAN
DEVELOPMENT
AS ADMINISTERED BY
THE CITY OF TULSA



#### NOTE:

- 1. SIGN TO BE CONSTRUCTED FROM 1/2" PLYWOOD (EXTERIOR).
- 2. PAINT: SILK SCREEN ENAMEL, WHITE BACKGROUND, BLACK LETTERING
- 3. FONT: ARIAL BOLD, HELVETICA BOLD, OR EQUAL.
- 4. BOLTS: 5/16" DIA. GR. 5 FLANGED GALVANIZED BOLT WITH 2 FLAT WASHERS AND GR. 5 SERRATED FLANGED NUT.
- 5. POST TUBE SHALL MEET ASTM A1011 GRADE 50. POST TUBE GALVANIZED AS PER ASTM A653 GRADE 90.
- 6. PRICE BID FOR URBAN DEVELOPMENT SIGN SHALL INCLUDE ALL MATERIALS, EQUIPMENT, LABOR, AND INCIDENTALS REQUIRED FOR COMPLETE SIGN.
- 7. SIGN SHALL BE MADE MOBILE AND TRANSPORTED TO EACH JOBSITE
- 8. SIGN WILL BECOME PROPERTY OF THE CITY OF TULSA UPON COMPLETION OF CONTRACT.

URBAN DEVELOPMENT SIGN

CITY OF TULSA, OKLAHOMA
STREETS & STORMWATER DEPARTMENT

DRAWN BY: DJL
CHECKED BY:
DATE: 10/24/2017

NOT TO SCALE

UDS-1

ASSEMBLY OF PLYWOOD SIGN

# SPECIAL PROVISIONS

# SPECIAL PROVISION SUPPLEMENTAL CONTRACT REQUIREMENTS PROJECT NO. 148170 C4 & TMUA-W 19-10 P2 & ES 2019-11 RIVERWEST PHASE III & IV NEIGHBORHOODS INITIATIVE

- 1. Successful Contractor shall return fully executed contract documents (including bonds and insurance) to the City of Tulsa, Contract Administration Section, Room N-103, 2317 South Jackson Avenue within two (2) weeks after bid opening.
- 2. If the successful Contractor can provide proper bonds and insurance and the contract is executed, the Pre-Construction Conference for this project will be held within eight (8) weeks after bid opening.

#### SPECIAL PROVISIONS

### INSURANCE REQUIREMENTS

In reference to Ordinance No. 23427 Adoption of State Specification for Highway Construction, Section 107.12 shall be modified as follows:

The CONTRACTOR (and any subcontractors) shall carry and keep in force during this Contract, policies of insurance issued by an insurer authorized to transact business in Oklahoma in minimum amounts as set forth below or as required by the laws of the State of Oklahoma. The CONTRACTOR shall also furnish an Owner's Protective Policy in the same amounts naming the City of Tulsa as the assured, issued by the same insurance company as the CONTRACTOR'S liability coverage and indemnifying the City of Tulsa against any and all actions, claims, judgments or demands arising from injuries of any kind and character sustained by any person or persons because of work performed by the CONTRACTOR.

General Liability Insurance with a bodily injury and property damage combined single limit of not less than \$1,000,000.00 for each occurrence.

Employer's Liability and Workmen's Compensation in the amounts as required by law.

The CONTRACTOR shall provide proof of such coverage:

- (a) By providing Certificate(s) of Insurance prior to the execution of this contract; and
- (b) By submitting updated Certificate(s) of Insurance with each and every subsequent request for payment. The Certificate(s) should show that the policies are current and should be dated within 30 days of payment request.

The CONTRACTOR shall not cause any required insurance policy to be cancelled or permit it to lapse. If the CONTRACTOR cancels, allows to lapse, fails to renew or in any way fails to keep any required insurance policy in effect, the City will suspend all progress and/or final payments for the project until the required insurance is obtained. Further, a CONTRACTOR who fails to keep required insurance policies in effect may be deemed by the City to be in breach of contract, ineligible to bid on future projects, and/or ineligible to engage in any new contracts.

The Contractor shall execute and furnish a Statutory Bond for the protection of laborers, mechanics, and material men in a sum equal to one hundred percent (100%) of the contract price.

The Contractor shall execute and furnish a Performance Bond in a sum equal to one hundred percent (100%) of the contract price.

The Contractor shall execute and furnish a Maintenance Bond in a sum equal to one hundred percent (100%) of the contract price.

Prior to doing blasting, the Contractor shall furnish a Certificate of Insurance, which shall certify that any damage caused by blasting is within the coverage of the Contractor's liability insurance to the full limits thereof.

All bonds and insurance must be executed by a company licensed to do business in the State of Oklahoma and must be acceptable to the City.

### SPECIAL PROVISIONS GENERAL

- 1. Work Days: All work to be completed within **500 calendar days** for the Base Bid.
- 2. No work shall be done between the hours of 7:00 p.m. and 7:00 a.m., nor on Saturday, Sunday, or legal holidays without the prior written approval or permission of the Engineer in each case, except such work as may be necessary for the proper care, maintenance, and protection or work already done, or of equipment, or in the case of an emergency.
- 3. Traffic Control: All work shall be done in cooperation with the City to establish, install, maintain and operate complete, adequate and safe traffic control during the entire construction period. Barricades, signs, lights, flags and all other traffic control devices shall meet the requirements and specifications of the Standard Drawings entitled "Typical Applications of Traffic Control Devices", and shall be approved by the Traffic Engineer of the City of Tulsa. Two-way traffic shall be maintained at all times, unless otherwise approved by the Engineer. All contractors shall contact the City of Tulsa Traffic Engineering Section before removing or replacing traffic devices, detector loops and street signs. A traffic plan must be submitted for any temporary street closure at least 2 working days prior to planned closing.
- 4. Contractor shall provide an acceptable 10' straightedge for this Project. All transverse joints shall be straight edged and approved by the Engineer. Surface elevation will meet ODOT 401.04 and all other contract requirements.
- The Engineer may do quality assurance testing in addition to that performed by the Contractor. The Engineer or a testing laboratory designated by the Engineer will do any testing for quality assurance. The City will pay all costs of quality assurance.
- 6. Full depth sawing of patches is required. This area to be removed shall be marked by the Contractor under the direction of the Engineer. The Contractor will provide personnel and equipment for marking of the patches as directed by the Engineer. Cost of full depth sawing shall be included in bid item for patching areas.
- 7. Areas to be patched shall be delineated in a straight-line geometric pattern. When completed, the patch shall be level and provide a smooth riding surface. Portland Cement Concrete patches will be protected from all traffic for a minimum period of 24 hours before removal of protective devices. No open excavations will be left overnight.
- 8. All asphalt patch work will require that asphalt rollers and an asphalt laydown machine be available for use on the job as directed by the Engineer.
- 9. Contractor will be required to employ the use of an Automatic Grade Referencing System. The equipment shall be capable of accurately and automatically establishing grades along each edge of the machine by referencing the existing pavement by means of a ski or joint matching shoe, or from an independent grade control. Minimum length of ski shall be 40'.

- 10. Prior to application of tack coat, the street shall be blown clean with compressed air to the satisfaction of the Engineer.
- 11. The tack coat must be uniformly distributed and adequately cured prior to beginning the overlay.
- 12. Contractor shall be responsible for cleanup and/or removal of any excessive over spray of any tack coat material to the satisfaction of the Engineer.
- 13. Debris from routing of cracks and cold milling shall be swept and vacuumed from the street to the satisfaction of the Engineer.
- 14. Contractor will be responsible for preparation and distribution of a written notice to residents within 48 hours of beginning milling and overlay operations. Costs associated with this requirement will be included in other items of work.
- 15. Contractor shall provide a continuous work effort towards total completion of the work in an area prior to moving to a different location.
- 16. All full depth asphalt patches will be made only after milling is complete, if milling is required, and prior to overlay.
- 17. No masonry structures shall be used in street right of way. Either precast or cast-in-place structures shall be used.
- 18. No lifting holes will be allowed in any reinforced concrete pipes or reinforced concrete boxes.
- 19. No fly ash is allowed to be used on this project.
- 20. The Contractor certifies that it and all of its Subcontractors to be used in the performance of the Contract are in compliance with 25 O.S. Sec. 1313 and participate in the Status Verification System. The Status Verification System is defined in 25 O. S. Sec. 1312 and includes but is not limited to the free Employee Verification Program (E-Verify) available at www.dhs.gov/E-Verify.
- 21. **Driveways**. Access to properties and businesses adjacent to the right of way must be provided and maintained at all times unless otherwise directed/approved by the Engineer. The Contractor will contact the business or property owner at least 5 days in advance of any driveway closure. Driveways and patches in front of driveways, which are removed, shall not be left unusable overnight. If concrete cannot be placed the same day as removal, the Contractor shall furnish screening or other suitable aggregate material to maintain temporary access until concrete can be placed. The cost of placing and removing the material for temporary

access shall be included in the pay item for Concrete Driveway (High Early Strength). Failure to leave any driveway usable will subject the Contractor to a \$1000.00 per day fine for each and every calendar day that the driveway remains non-useable. The only exception for a driveway to be non-useable is to allow for curing time for concrete. Cure time will not exceed 48 hours.

- 22. Driveways in excess of 18-feet in width shall be constructed in half-sections and access shall be maintained at all times.
- 23. Contractor shall prepare and present a schedule and plan for lane and driveway closures throughout the project. The Contractor shall include in the plan, driveway signage for local business access. Payment for signs will be included under the pay item "Signage for Local Business Access" and will be paid for by the square foot. Coordination with the City of Tulsa and local business operators shall be required before a driveway schedule and plan is approved.
- 24. Contractor shall coordinate with the City of Tulsa and local business operators to identify opportunities to perform weekend or "after business hours" construction on driveways to minimize impacts to the area.
- 25. Local and through traffic shall be maintained at all times through the project unless otherwise permitted by the Engineer. All public and private streets shall be accessible at all times. All detours, horizontal traffic movements, etc. are directly related to the sequence of work; therefore, the Contractor shall proceed with his construction operation in conformity with the details shown on the plans and as required by this special provision.
- 26. Traffic must be handled appropriately through the entire project during construction and it shall be the responsibility of the Contractor to provide for the safety and comfort of the traveling public at all times. The Contractor shall be required to give the traveling public at least 48 hours advance notice of any lane and/or street closures.
- 27. The Contractor may propose/recommend modifications to the sequence of work for consideration by the Engineer. Any major recommended modification by the contractor shall include any changes to the various pay items, impact to traffic, and effect of overall project in time and cost, etc. The Contractor shall not proceed with any construction operations based on a revised phase/sequence until the Contractor obtains written approval from the Engineer.

28. Two lanes shall remain open to traffic, one in each direction, throughout all phases of construction, unless otherwise approved/directed by the Engineer. Left turn lanes shall remain open to traffic throughout all phases of construction, unless otherwise approved/directed by the Engineer. Transitions from pavement elevations through construction areas to access driveways or intersections shall be the Contractor's responsibility. Contractor shall maintain signs and markings on a continuous basis.

### SPECIAL PROVISIONS TIME FOR COMPLETION

- 1. The work shall commence within ten days from and after the date of a written work order from the City. The Contractor agrees that the work shall be prosecuted regularly, diligently and uninterruptedly at a uniform rate of progress so as to ensure completion within the number of days after the day on which the work order is issued. If the Contractor shall fail to complete all work within the time specified, then the Contractor agrees to pay the City, not as a penalty, but as liquidated damages for Breach of Contract, the Sum of Twenty-Five Hundred Dollars (\$2,500.00) for each and every calendar day for failure to complete all work within the time specified. The said amount is fixed and agreed upon because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the City would in such event sustain. It is expressly understood and agreed that the said time for completion of the work described herein is a reasonable time for the completion of same.
- 2. If the Contractor shall fail to complete reconstruction of a segment of roadway within **thirty** (30) days of beginning the reconstruction operation, then the Contractor agrees to pay the City, not as a penalty, but as liquidated damages for such breach of contract, the sum of **Two Thousand Five Hundred Dollars** (\$2,500.00) for each and every calendar day of failure to complete the work after the specified time. The said amount is fixed and agreed upon because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the City would in such event sustain. This time constraint applies only to roadways to be reconstructed and includes all subsidiary work items required to complete the reconstruction. Subsidiary items not required to complete the reconstruction are not subject to this time constraint.
- 3. If the Contractor shall fail to complete overlaying of any separately milled segment of roadway within **twenty (20)** days of beginning the milling operation, then the Contractor agrees to pay the City, not as a penalty, but as liquidated damages for such breach of contract, the sum of **Two Thousand Five Hundred Dollars (\$2,500.00)** for each and every calendar day of failure to complete the work after the specified time. The said amount is fixed and agreed upon because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the City would in such event sustain. The City will authorize when milling is to be done based on weather conditions. This time constraint applies only to segments to be milled and includes all subsidiary work items required to complete the overlay. Subsidiary items not required to complete the overlay are not subject to this time constraint.
- 4. The Contractor shall commence work within 24 hours of traffic control devices being established at the project location. If the Contractor shall fail to commence work within 24 hours of traffic control devices being established at the project

Location, then the Contractor agrees to pay the City, not as a penalty, but as liquidated damages for such breach of contract, the sum of **One Thousand Dollars (\$1000.00)** per lane for each day of failure to commence work after the specified time set forth. The amount is fixed and agreed upon because of the impracticability and extreme difficulty of fixing and ascertaining the actual damage the City would in such event sustain.

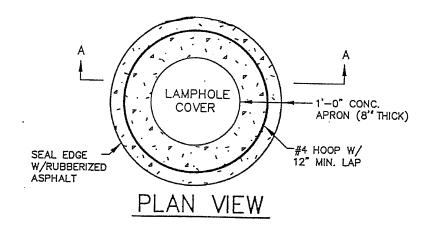
- 5. Within 14 days after Bid Opening and prior to Award of Bid the successful Contractor will be required to furnish the Engineer with a progress schedule, in a format approved by the Engineer, setting forth in detail the procedure he proposes to follow, and giving the dates on which he expects to start and to complete separate portions of the work. If at any time, in the opinion of the Engineer, proper progress is not being maintained, such changes shall be made in the schedule of operations, which will satisfy the Engineer that the work will be completed within the period stated in the Proposal. Monthly progress meetings will be conducted to maintain coordination between all project entities.
- 6. The Contractor will be required to provide a full-time, onsite English speaking superintendent for this Project for direct contact with City and coordination of subcontractors. A working foreman is not acceptable as a project superintendent. The superintendent shall be required to be present at the work site whenever the Contractor or subcontractors are performing work. The superintendent shall be a representative of the Contractor with the authority to make decision. If the Contractor shall fail to provide a non-working superintendent on a day when work is being performed, then the Contractor agrees to pay the City, not as a penalty, but as liquidated damages for such breach of contract, the sum of **One Thousand Dollars (\$1000.00)** for each and every calendar day of failure to provide a non-working superintendent at the work site. The said amount is fixed and agreed upon because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the City would in such event sustain.
- 7. It is further agreed that time is of the essence of each and every portion of this Contract and the specifications wherein a definite and certain time is fixed for the performance of any act whatsoever; and where under the contract an allowance of additional time for completion of any work is made, the new time fixed by such extension shall be of the essence of this Contract.
- 8. Should the Contractor be delayed in the final completion of the work by any act or neglect of the City of Tulsa, or of any employees of either, or by strikes, injunctions, fire or other cause or causes outside of and beyond the control of the Contractor and which, in the opinion of the Engineer, could have been neither anticipated or avoided, then an extension of time sufficient to compensate for the delay as determined by the Engineer, shall be granted by the City, provided however, that the Contractor shall give the City and the Engineer notice in writing

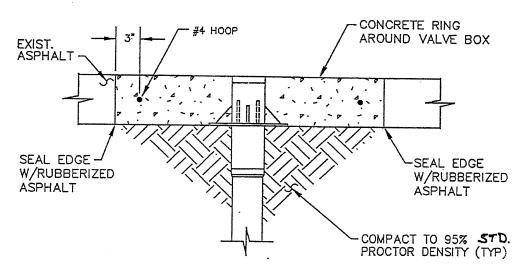
of the cause of the delay in each case on the Extension of Time Request Form enclosed in these documents, and agrees that any such claim shall be fully compensated for by an extension of time to complete performance of the work included herein.

- 9. The Contractor shall submit the Extension of Time Request Form with each partial payment application. Failure to submit the Extension of Time Request with a partial payment application shall constitute a complete waiver of any claim for time extension for the period covered by the partial payment.
- 10. Extension of time may be granted for delays caused by unsuitable weather. Extension of time will not be granted for delays caused by ground condition, inadequate construction force or the failure of the Contractor to place orders for equipment or materials a sufficient time in advance to ensure delivery when needed. Any extension of time by the City shall not release the Contractor and surety herein from the payment of liquidated damages for a period of time not included in the original contract or the time extension as herein provided.
- 11. Failure to complete project within specified time, as set forth in the Contract, may be grounds for disqualification for future consideration for contracts with the City of Tulsa.
- 12. Final Acceptance of the Project will be in strict accordance with ODOT Specification
  105.17— Project Completion and Acceptance and ODOT Specification 104.10—
  Final Cleaning Up and defined as "The date on which the Request for Action (RFA) for final payment has been signed by the Mayor of the City of Tulsa."
- 13. Contract Evaluation forms will be compiled by City staff upon completion of this Project to provide a record of the Contractor's performance for use in subsequent projects.

### SPECIAL PROVISIONS FOR ADJUSTMENT OF ROADWAY UTILITIES

- 1. Contractor is to remove the rings and covers of manholes and water valves and the frames and grates of single grate drop inlets and double grate drop inlets. If these items are to be reused, the Contractor is to mark, store and protect these materials for later placement in the exact orientation existing at the beginning of the Project. After removal of these obstructions, the Contractor shall place over each hole 5/8" thick steel plate cut to the proper size as directed by the Engineer. After placement of steel plate, the hole shall be filled with compacted asphalt to the established street grade. It shall be the Contractor's responsibility to make the necessary measurements to ensure that all utilities can be easily located after overlay. After the overlay the Contractor shall raise the utilities to the new grade.
- 2. Manholes and inlet basins shall be raised or lowered as required by using a solid, continuous layer of bricks and mortar. The upper portion of manhole or basin shall be removed as required for correct raising or lowering adjustment. If existing basin or manhole walls are concrete, the Contractor may dowel apron into wall in lieu of removing the upper portion of wall. Dowels shall be #4, at 1' 0" O.C. grade 60 steel.
- 3. All existing I-beams on double or triple grate frames shall be re-established under grates.
- 4. Where basins or manholes are covered for construction or other purposes, curbs shall be marked with green paint.
- 5. Silicone construction joint material per Public Works Standards shall be used where concrete aprons meet existing or new concrete pavement. Bituminous construction joint material per Public Works Standards shall be used where concrete aprons meet existing or new asphalt pavement.
- 6. The Contractor shall place a minimum ½" thick flexible gasket bitumastic sealant material in two concentric rings, along the inside and outside edge of the top of the manhole prior to reinstalling the frame. The gasket shall be E-Z STIK Butyl Rubber Sealant, PRO-STIK Performed Joint Sealant or equal. The material shall be able to withstand hydrogen sulfide and other corrosive gasses. After the frame has been set, a normal ½ coat of trowelable bitumastic joint sealant shall be applied to the entire outside circumference of the manhole. The sealant shall be applied from the top of the lower flange down a minimum of 6" below the frame connection. It shall then be wrapped with a 6 mil plastic to protect against damage from backfill. The trowelable material shall be Joint Mastic Sewer Joint Compound or equal. The cost of the material and labor associated with installing it shall be included in the price bid for manholes, adjust to grade.



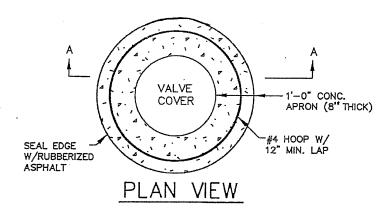


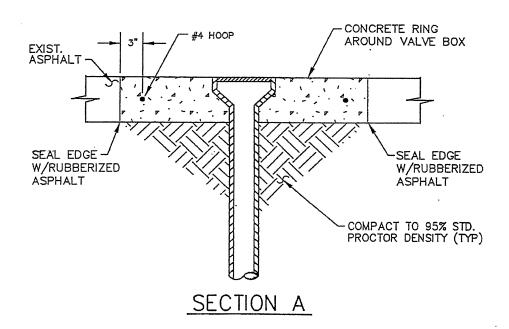
### SECTION A

# LAMPHOLES IN ASPHALT ADJUST TO GRADE

ARU-2

8/30/05





## WATER VALVES TO GRADE IN ASPHALT STREET

N.T.S.

ARU-3

3/30/08

### SPECIAL PROVISIONS FOR COLD MILLING BITUMINOUS PAVEMENT

- 1. Contractor will perform milling operation in accordance with ODOT Specifications as stated in Section 417.
- 2. Contractor will be required to perform the following as a minimum:
  - A. Milling of Asphalt Pavement per Specifications and Special Provision.
  - B. Provide all Traffic Control per Specifications and Special Provision.
  - C. Clean-up Milling Operation as directed by Engineer. This will include removal of unbonded asphalt overlays and sweeping.
- 3. All streets designated for milling shall be milled as shown on typical sections. If street is full depth Asphalt the depth of cut shall be as specified for each segment. If street is concrete with an Asphalt Overlay then all existing asphalt shall be removed. Boring logs are included as Appendix A. No payment will be made for any additional passes necessary to remove asphalt to the required cross section. Care should be exercised not to mill into the underlying concrete pavement. The Contractor will be responsible for damage to concrete caused by excessive milling.
- 4. The Contractor shall provide a power operated milling machine capable of planing a minimum depth of three inches in a single pass. The equipment shall be self-propelled with sufficient power, traction and stability to maintain accurate depth of cut and slope. The equipment shall be capable of accurately and automatically establishing profile grades along each edge of the machine by referencing the existing pavement by means of a ski, or matching shoe or from an independent grade control, and shall have an automatic system for controlling cross slope at a given rate. The machine shall be equipped with an integral loading means to remove the material being cut from the pavement surface and to discharge the cuttings into a truck, all in a single operation.
- 5. Milled material to remain the property of the contractor.
- 6. The Contractor shall provide butt joints as directed by the Engineer. Wherever the planned overlay of an asphalt street meets existing pavement, or at the end of a paving run, butt joints shall be provided to a depth matching the planned overlay thickness. The transition shall extend a minimum of 10 feet longitudinally from the joint for residential streets and a sufficient length to provide a smooth riding surface for arterial streets. Butt joints will not be paid for directly, but the cost shall be included in the price bid for milling.

02/08/16

7. Entrance and Exit Areas to projects:

After an entrance or exit area has been milled, the Contractor shall construct access ramps. These ramps shall be a minimum of 20' in length and shall be placed across full width of street. These ramps shall be maintained by Contractor and shall remain in place until lanes are closed for overlay. Ramps will be provided at driveways and non-arterial streets as needed to maintain a smooth transition for abutting properties during construction. Ramps will not be paid for directly, but the cost shall be included in the price bid for milling.

8. The existing pavement shall be uniformly milled to provide a uniform texture, true to line, grade and cross section; it shall have no deviations in excess of 3/16 inch in ten feet. Any portion of the planed surface not meeting this requirement shall be corrected in a manner approved by the Engineer.

### SPECIAL PROVISIONS FOR CONTRACTOR'S QUALITY CONTROL

The units for this project will be those specified in the project plans.

#### 643.01. DESCRIPTION.

Furnish Quality Control of materials and construction in accordance with the Standard Specifications, Plans and Special Provisions. This includes, but is not limited to preparing and following a Quality Control Plan. Obtain samples and perform tests for Quality Control, provide inspection, and exercise management control to produce materials and workmanship that conforms to contract requirements. Unless otherwise noted in the plans, all pavements and bridges (except culverts) will be subject to requirements of any or all of the Special Provisions which are included in this contract. City of Tulsa will provide Quality Assurance testing at their discretion.

#### 643.02. MATERIALS.

Meet materials quality requirements.

#### 643.03. EQUIPMENT.

Provide equipment at own expense, unless otherwise specified. All equipment and supplies shall conform with Standards and applicable Specifications. Certify the calibration of all equipment.

#### 643.04. CONSTRUCTION.

- a) General. Provide quality of all construction covered in the contract.
- b) Quality Control Personnel Qualifications. All personnel directly involved in sampling and/or testing materials for either control or acceptance purposes shall be certified in the appropriate area(s) by the Oklahoma Highway Construction Materials Technician Certification Board. Manager certification for material sampling and testing is not required unless he or she is directly involved in sampling and/or testing materials.
- c) <u>Contractor's Quality Control Plan</u>. Submit a written Quality Control Plan at least one week prior to the pre-work conference. Include the following in the plan:
  - 1. Sources of principal materials including names of suppliers and locations.
  - 2. Names and resumes of key Quality Control personnel.
  - 3. Duties, responsibilities, and authorities (to suspend production, alter mixtures, etc.) granted to key Quality Control personnel.
  - 4. Description of testing laboratories, including qualifications, key equipment and locations.
  - 5. Description of start-up operations, including but not limited to:
    - a. Review of submittal requirements and all other Contract requirements with the performance of the work.
    - b. Examine the work area to ascertain that all preliminary work has been completed.
    - c. Verify all field dimensions and advise the Engineer of any discrepancies.
  - 6. Detailed testing schedule based on production.
  - 7. Control, verification, and acceptance testing procedures for each specific test to include the test name, specification requiring the test, feature of work to be tested, and person responsible for each test.
  - 8. Procedures for tracking construction deficiencies from identification through acceptable corrective action. These procedures will establish verification that identified deficiencies have been corrected.

- d) <u>Sampling and Testing</u>. Perform sampling and testing according to the accepted Quality Control plan using personnel certified in appropriate areas and laboratories approved by the Engineer. Keep laboratory facilities clean and maintain all equipment in proper working condition.
- e) <u>Inspection</u>. Provide inspection necessary to ensure compliance with applicable standards and specifications.
- f) Records. Maintain complete testing and inspection records and make them accessible to the Engineer.
  - 1. <u>Test Results</u>. Maintain control charts that identify the project number, contract item, test number, each test parameter, the upper and/or lower specification limit applicable to each test parameter, and the test results. Use the control charts as part of the Quality Control system to document process variability, to identify production and equipment problems, to make necessary corrections, and to identify potential pay factor adjustments.
    - i. Post control charts in an accessible location, keep them up to date, and make them available to the Engineer upon request. Make corrections to the process when problems are evident, including ceasing production if necessary.
  - 2. <u>Inspection Results</u>. For each day of work, prepare an "Inspector's Daily Record of Construction Operations" on an approved form. Include the following certification signed by the person with overall responsibility for the inspection system:
    - i. "It is hereby certified that the information contained in this record is accurate, and that all work documented herein complies with the requirements of the contract. Any exceptions to this certification are documented as a part of this record."
  - 3. Submit the record and certification to the Engineer within two working days of the work being performed. If the record is incomplete, in error, or otherwise misleading, a copy of the record will be returned with corrections noted. When chronic errors or omissions occur, correct the procedures by which the records are produced.
- g) <u>Use of Contractor Test Results for Acceptance Purposes</u>. Abbreviated test procedures are allowed for Contractor use. The Quality Control Plan shall list all abbreviated test procedures, describe all deviations from standard procedures for each, and note their intended purpose. Test results from abbreviated procedures will not be used for any purpose by the City of Tulsa. It is the Engineer's discretion to use or not use any of the Contractor's test results for acceptance purposes.
- h) <u>Changes</u>. Submit, in writing, all proposed changes in key Quality Control personnel, equipment or procedures from those previously approved by the Engineer. Submit written changes at least one week prior to the proposed action.

### 643.05. METHOD OF MEASUREMENT.

Payment for Contractor's Quality Control will be measured on a lump sum basis.

#### 643.06. BASIS OF PAYMENT.

Accepted Contractor's Quality Control measured for payment as prescribed above will be paid for at the Contract unit price for:

### CONTRACTOR'S QUALITY CONTROL .....LUMP SUM

This payment will be full compensation for furnishing all materials, facilities, equipment, labor and incidentals to complete the work.

Subject to acceptable performance, payment for Contractor's Quality Control will be made in accordance with the following schedule:

25%		next estimate after the Engineer's approval of the Contractor's Quality  I Plan and other required initial documentation
plus	25%	when 50% of the work subject to Quality Control requirements is complete
plus	25%	when 75% of the work subject to Quality Control requirements is complete
plus	25%	when all test results and records related to Quality Control work have been furnished to and accepted in writing by the Engineer

As stated above, this payment is based upon acceptable performance. Payment will be reduced for unacceptable portions of the Quality Control work. Serious deficiencies in Quality Control work may result in the project being shut down.

### SPECIAL PROVISIONS FOR COLD WEATHER CONCRETE CURING

Placement of asphalt on stret cut repair sections of cold weather concrete or opening of street cut repair sections of cold weather concrete to traffic shall be allowed when the concrete achieves a compressive strength of 3,000 pounds per square inch (psi). Construction equipment loads shall not be applied to the concrete repair section until the 3,000 psi compressive strength is achieved.

### SPECIAL PROVISIONS FOR COLD WEATHER CONCRETE PLACEMENT

- 1. When early traffic placement on a repair is required, the following guidelines are provided as a minimum to assure required strength during cold weather. The Contractor is responsible for the protection and quality of concrete placed during all weather conditions. If circumstances occur which preclude following these guidelines, lower early strength may result in delays in opening areas to traffic as desired.
- Ice, snow, and frost must be removed from the cut prior to placement of concrete.
   Concrete should not be placed on frozen subgrade. Removal of frozen subgrade will be paid as unclassified excavation.
- 3. Fresh concrete temperatures shall be a minimum of 50°F and a maximum of 90°F at time of placement. Hot mix water and preheated aggregate may be necessary to accomplish the minimum temperature during extremely cold weather. The minimum ambient temperature at time of placement should be at least 30°F.
- 4. Insulated blankets should be placed immediately when average daily temperatures are below 50°F or when minimum ambient temperatures are anticipated below 40°F during the curing period and left in place until opening to traffic. Insulated blankets shall be MA KA closed cell insulated blankets or approved equal. The insulated blankets shall have a minimum R-value of 2. Cost of insulated blankets shall be included in the price bid for the concrete where they are used.
- 5. Strict compliance with mix design slumps must be achieved to reach early strengths. "Drying out" of excessive slump mixes will not be allowed to reduce the slump.
- 6. All cold weather practices also apply to cementitious backfill material, except that blankets will not be required.

02/08/16

## SPECIAL PROVISIONS FOR SPECIAL SPECIFICATION OF HANDICAP RAMP

This work shall consist of the construction of concrete handicap ramps in reasonable close conformity with the location, lines and grades shown on the Standard Drawing for "Typical Curb Ramp" or established by the Engineer.

Materials and Methods of Construction shall meet ODOT specification 610.02 and 610.04 of the standard specifications.

The subgrade for ramps shall be compacted to a density of 90% standard density for depth of 6".

The minimum thickness of concrete on any portion of the ramp shall be 6" except in that portion of the ramp which extends over the pavement, which shall be 8".

The handicap ramp shall be flush where it meets the street. This will supersede the standard drawing.

The handicap ramps shall be installed according to City of Tulsa Standard Drawing No. 790—Standard Sidewalk Ramp.

Construction of handicap ramps will be measured by each ramp and shall be paid for at the contract unit price for:

### HANDICAP RAMP

EA.

Which shall be full compensation for performing the work specified and the furnishing of all materials, labor, tools, equipment and incidental necessary to complete the work as specified. Aggregate base, truncated domes and pipe railing, if necessary, shall be paid for separately.

# SPECIAL PROVISIONS FOR SPECIAL SPECIFICATION OF HIGH EARLY STRENGTH CONCRETE

### **DESCRIPTION**

This work shall consist of furnishing and placing, High Early Strength Concrete.

### **MATERIALS**

High Early Strength Concrete shall conform to Section 701, Portland Cement Concrete, of the Oklahoma Department of Transportation (ODOT) Standard Specification for Highway Construction, Current Edition, with the following modifications:

Air Content - 5-7 percent

Maximum Water - Cement Ratio - 0.41

Slump - 1-3 inches

Batching shall measure the weights of each material required within a tolerance of one percent for cement and two percent for aggregates (account for moisture content). The quantity of water used shall be within plus or minus one percent of that required by the design. Water may be measured either by volume or by weight. All materials shall be used in strict accordance with the manufacturer's recommendations.

Submittals shall be delivered to the City of Tulsa at a date set by the Engineer. Submittals shall include the items outlined in ODOT Specification 701.03.

### **CONSTRUCTION METHODS**

The concrete shall be mixed between 70 to 100 revolutions of the ready-mix truck. Mixing shall be in a mechanical mixer capable of combining the aggregates, cement, and water into a thoroughly mixed and uniform mass within the manufacturer's specified mixing period. There shall be no water in the mixing drum prior to adding the aggregates.

### **TESTING**

Following are the testing requirements for the High Early Strength Concrete mix:

Compressive Strength:1

2,500 pounds per square inch (psi) – 12 hours

3,000 psi - 24 hours

Slump:

1 inch minimum

3 inches maximum

Air Content:

5-7 percent

During cool weather (less than 50 degrees Fahrenheit), specimens shall be cured in a fully insulated closed box.

During moderate weather (between 50°F and 80°F), specimens shall be cured in both open and fully insulated closed boxes with compressive strength tests performed on specimens from each curing box.

During warm weather (greater than 80°F), specimens shall be cured in a closed box placed in a shaded area.

### SPECIAL PROVISIONS FOR HOT MIX ASPHALT

### **DESCRIPTION**

This work shall consist of furnishing and placing Hot Mix Asphalt for Residential street within the City of Tulsa.

### **MATERIALS**

Hot Mix Asphalt shall conform to Section 708, Plant Mix Bituminous Bases and Surfaces, of the Oklahoma Department of Transportation (ODOT) Standard Specification for Highway Construction, Current Edition, with the following modifications to Table 708:6

	S3	S4	S5
Asphalt Cement % of mix mass (greater than or equal to )	5.0	6.0	6.0

Submittals shall be delivered to the City of Tulsa at a date set by the Engineer. Submittals shall include the test results of the physical properties of the aggregate and asphalt cement as outlined in ODOT Specification 708.

### SPECIAL PROVISIONS FOR JOINT / CRACK SEAL OF PCC STREETS WITH SILICONE

All joints from 1/2" wide to 1" wide shall be sawed, blown and filled with silicone in accordance with ODOT Specifications 419. All random cracks shall be cleaned by suitable tools (no routing), blown and filled with silicone that meets ODOT specification 701.08G.

### Sealing

Instructions:

All aspects of the material application shall as a minimum meet the specifications of ODOT 701.08G. When material covered by that specification is used for maintenance or resealing of joints that have previously contained either similar or dissimilar sealing material, it is required that the joint be dry, cleaned thoroughly with a plow, wire brush, concrete saw, or other suitable tool or tools that are designed for the purpose of neatly cleaning pavement joints. Loose material shall be blown out. The sidewalls of the joint space to be sealed shall be thoroughly sandblasted, blown free of loose sand with high-pressure air and then sealed with sealant. If the manufacturer of the sealant has specifications that exceed those of ODOT 701.08G, then the manufacturer's specifications will be used.

### Joint Shape Requirements:

Specifications for the dimensions of joints and cracks shall be the

same as those recommended by the sealant manufacturer.

#### Sealant Material:

The construction of concrete joint rehabilitation shall meet the requirements of ODOT 701.08. "Joint Fillers and Sealers", except that the sealant material for concrete joint/crack rehabilitation shall meet or exceed the requirements of ODOT 701.08G.

### Method of Measurement:

Concrete joint rehabilitation and concrete crack seal will be measured by the linear feet of joints/cracks that are sealed, excluding the areas that are patched.

### Basis of Payment:

The accepted quantities measured as provided above will be paid for at the Contract unit price for Crack and Joint Sealer by the linear feet of joints/cracks that are sealed, excluding the areas that are patched, which shall be full compensation for furnishing all materials, equipment, labor and incidentals to complete the work specified. All sawing necessary for sealing shall be included in the cost of the sealant where used.

02/08/16

Approval of Joints: At the City of Tulsa's request, a representative of the sealant supplier will be on site at the beginning of the final cleaning and sealing of the joint to demonstrate to the Contractor and to Inspection the acceptable standard for installation of the sealant. No sealing shall commence until the manufacturer's representative has approved the joints. Failure of the sealant to bond to the joint/crack surfaces will be cause for rejection and repair shall be at the Contractor's expense.

Concrete Curb:

Concrete curb and combined curb and gutter to be removed and replaced shall receive joints per ODOT specification 609.04(e) and be sealed with silicone. Costs for joints and sealer to be included in the unit price bid for concrete curb and gutter. The sealant for the curbs shall meet the requirements of ODOT 701.08F.

Submittals:

No work shall begin until the Contractor has submitted the following to the City as a minimum:

- A. Manufacturer's Material Specifications
- B. Manufacturer's Installation Specifications
- C. Manufacturer's Joint/Crack Dimension Specifications
- D. A 3 Year History of Sealing Projects

### SPECIAL PROVISION MINIMUM ASPHALT RETAINED STRENGTH

This Special Provision revises, amends, and where in conflict, supersedes applicable sections of the 1999 Oklahoma Department of Transportation Standard Specifications for Highway Construction, (ODOT).

The "% Retained Strength, min." for asphalt as listed in ODOT Section 708 TABLE 6A "PROPERTIES OF LABORATORY MOLDED SPECIMENS" shall be 80%.

### SPECIAL PROVISIONS OWNER ALLOWANCE

The "Owner Allowance" may be used for various work and miscellaneous items not specifically identified in the Contract Documents with the following provisions:

- A. The allowance shall be used for cost of design and construction, including all materials, labor, equipment, profit and overhead, of work items not specifically identified in the Construction Documents, or included in original pay items bid for the contract.
- B. The allowance shall be utilized only at the discretion of the City of Tulsa. Any balance remaining at the completion of the Project will be retained by the City of Tulsa.
- C. The Contractor shall provide, to the City of Tulsa, a written request for the use of any allowance, including a schedule of values and associated backup information, including validity of need, materials, labor, equipment, and time required to perform the associated work.

Contractor shall proceed with the allowance work only after receiving written permission from the City of Tulsa. Proceeding with associated allowance work without written permission from the City of Tulsa will be at the Contractor's sole expense.

#### **SPECIAL PROVISIONS** FOR PATCHING OF CONCRETE AND ASPHALT STREETS

The City of Tulsa Standards for street cut and repair shall be followed for materials and procedures except as modified here.

#### Patching

Instructions: Portland Cement concrete patches will be protected from all traffic for a period of 24 hours before removal of protective devices. Sawing of the patches is required. The area to be removed shall be marked by the Contractor under the direction of the Resident Inspector. The Contractor will provide personnel and equipment for making of patches as directed by Resident Inspector. When completed, the patch shall be level and provide a smooth riding surface. All asphalt patch work will require that asphalt rollers and an asphalt laydown machine be available for use on the job as directed by the engineer. The minimum size of any patch shall be 3' x 3'.

#### Testing of

Materials: The frequency of testing shall be as follows:

Subgrade Compaction: A minimum of one (1) density test of the subgrade shall be done per patch.

Concrete: Three cylinders shall be taken from every 50 cubic yards of concrete and tested for compressive strength.

Asphalt: Compaction and extraction tests shall be taken a minimum of every 50 tons of asphalt.

#### Weather

Limitations: The minimum temperature of the foundation course on which asphalt concrete may be laid shall be as shown in the following table:

Compacted Lift Thickness (inches)	Surface Temperature (minimum)
3 or more	40° F
1 ½ to 3	45° F
less than 1 ½	50° F

#### Asphalt

Materials: All asphaltic concrete used for this Project shall meet the specifications of ODOT Section 708. Under the paragraph, "Course Aggregates", the following sentence shall be added: When tested for soundness, the number of cycles shall be five (5), the solution shall be Na2 SO, the maximum loss shall be

10%.

#### Type I Patch Subgrade

Replacement: Shall consist of the removal of subgrade material as measured from the bottom of the existing pavement. The removed subgrade material shall be replaced with separator fabric meeting the requirement of ODOT Section 325 and aggregate material meeting the requirement of ODOT Section 703.01 Type "A". The existing subgrade shall be compacted to 95% standard proctor density per AASHTO T-99 and the aggregate material shall be compacted to 98% modified proctor density per AASHTO T-180-86 Method as measured by the Nuclear Density Method. Compaction shall be done with a roller or vibratory hand tamper. Certain situations may require substitution of Quick-set Fill Concrete for aggregate material. Fill concrete specifications are shown on the Standards for Pavement Cut and Repair. Separator fabric shall be used at all full depth pavement patches where aggregate base is required, as directed by the Engineer. The fabric shall be cut or overlapped to fit the size of the patch. These items will be paid separately from the bid item for patching.

#### Type A Aggregate

Base:

This material shall have the following gradation, which is ODOT Section

703-01 Type "A".

Sieve (mm)	% Passing
1 ½ in. (37.5)	100
¾ in. (19.0)	40 – 100
3/8 in. (9.5)	30 – 75
No. 4 (4.75)	25 – 60
No. 10 (2.00)	20 – 43
No. 40 (0.425)	8 – 26
No. 200 (0.075)	4 – 12

Type I Patch in PCC

Pavement:

When the patch is made in PCC, the pavement shall be cut with a concrete saw full depth before removal of existing pavement. The area to be patched shall be delineated in a straight-line geometric pattern. Placement of the subgrade stabilization material shall be in accordance with the paragraph; "Type I Patch Subgrade Replacement". After placement of the subgrade stabilization, the pavement shall be replaced with Class A High Early Strength concrete containing 4 to 6 percent air entrainment. The concrete shall have a maximum 3" slump. The concrete shall be placed in accordance with the detail in the drawings titled "Type I PCC Patch". The new concrete shall have a flat finish and match the grade of the adjacent pavement.

Existing joint patterns shall be reestablished and sealed as specified. The concrete shall be sprayed with curing compound and protected from traffic a minimum of 24 hours. Cold Joints around the perimeter of the patch shall be sawed and sealed with silicone in accordance with ODOT specification All sawing, pavement removal, and sealing costs shall be included in the bid item for patching, H.E.S. concrete.

Type I Patch in Asphalt Pavement:

When the patch is made in asphalt, the pavement shall be cut with a concrete saw full depth before removal of existing pavement. The area to be patched shall be delineated in a straight-line geometric pattern. Placement of the subgrade stabilization material shall be in accordance with the paragraph; "Type I Patch Subgrade Replacement". placement of the subgrade stabilization material, the pavement shall be replaced in accordance with the detail in the drawings titled "Type I AC Patch", a minimum of 8" or existing paving thickness, whichever is greater. All asphalt materials shall meet the specifications of ODOT 708 Plant Mix Bituminous Bases and Surface. The asphalt shall be placed and compacted in maximum 3" lifts. The edges of the patch shall be tacked prior to the placement of asphalt. The asphalt shall be compacted to 92% minimum density as determined by AASHTO T-209 Method. The patch shall be stringlined as required and all areas not matching the adjacent grade shall be immediately corrected. Cold joints around the perimeter of the patch shall be sawed and sealed with rubberized asphalt. All sawing, pavement removal, replacement, and sealing costs shall be included in the bid item for patching, AC.

Type I Patch in APC

Pavements: Patching of PCC pavements with an asphalt overlay shall be performed as follows: Placement of the asphalt portion of the patch shall be in accordance with the paragraph "Type I Patch in Asphalt Pavements". Placement of the PCC portion of the patch shall be in accordance with the paragraph "Type I Patch in PCC Pavements". Placement of the subgrade stabilization material shall be in accordance with the paragraph "Type I Patch Subgrade Replacement". After placement of the subgrade stabilization material, the pavement shall be replaced in accordance with the detail in the drawings titled "Type I APC Patch". Payment will be made separately for each of the three materials: Type "B" AC, H.E.S. PCC and Aggregate Base. Initial sawing,

> pavement removal and sealing costs shall be included in the bid items for patching as listed above. Additional sawing required to go from a Type "III" to a Type "I" patch shall be included in the bid items for H.E.S. PCC.

Type II Patch In APC

Pavement:

The asphalt overlay shall be removed prior to sawing through the PCC Pavement to determine if only the asphalt needs to be patched. Sawing of The asphalt is required, but should not penetrate the PCC pavement. If the PCC pavement needs to be replaced, a Type "I" APC patch shall be made. Payment will me made for Type "B" or Type "C" AC only. If only the asphalt is removed, initial sawing, pavement removal, and sealing costs shall be included in the bid items for asphalt concrete.

### SPECIAL PROVISIONS FOR PAVING OPERATIONS

- 1. If the width of a street is such that it exceeds the paver's ability to pave one-half the street width another paver will be required and shall be operated so as to lay asphalt on at least one-half of the street width at a time.
- 2. The longitudinal joint shall run parallel to the approximate center of the street. Transverse joints shall be kept to a minimum. If it becomes necessary to stop the paving operation short of the end of the job then the two transverse joints shall be no farther apart than 6'.
- 3. If for any reason the Contractor is unable to pave one-half the width of the street with one paver, paving operations shall cease.
- 4. A paving plan, indicting sequence of paving passes, pass widths, pass thickness, and requested temporary street closures, will be submitted prior to paving.
- 5. Once paving begins the Contractor should have sufficient trucks available to deliver asphalt materials in a continuous operation.
- 6. Adequate transitions to side streets and driveways must be provided. In general, paving shall extend to the returns of all side streets. Special consideration should be given to preventing ponding in side street intersections.
- 7. The contractor shall provide butt joints as directed by the Engineer. Wherever the planned overlay of an existing street meets existing pavement, or at the end of a paving run, butt joints shall be provided to a depth matching the planned overlay thickness. The transition shall extend a minimum of 10 feet longitudinally from the joint to provide a smooth riding surface. Butt joints will not be paid for directly but the cost shall be included in the cost of the paving operations where they are used.
- 8. Contractor shall not drive empty or loaded trucks or equipment across newly paved areas for the construction period.
- 9. A leveling or "wedge" course may be required to establish the required to cross-slope for the finished overlay. This item of work will be paid for separately under the bid item designated as Asphalt Concrete Type "S5" in tons.

## SPECIAL PROVISIONS PERMANENT TRAFFIC SIGNS

#### **PART 608 - TRAFFIC SIGNS**

#### 608.1 GENERAL

- This work shall consist of furnishing materials and installing traffic signs in accordance with these specifications and in reasonably close conformity with the location and dimensions shown on the Standards, Plans or established by the Engineer.
- Signs shall be designed in accordance with the 2009 Manual on Uniform Traffic Control Devices (MUTCD) with revisions and the 2004 FHWA Standard Highway Signs (2012 Supplement to the 2009 MUTCD).
- Street name sign proofs shall be submitted to the Traffic Engineer for review and approval prior to fabrication.

#### 608.2 MATERIALS

#### 608.2.1 General

Signs shall be composed of aluminum metal sheeting overlaid with cutout film and a reflective sheeting material. Mounting shall be with posts, hardware and brackets as specified.

#### 608.2.2 Sheet Aluminum

Provide 0.080-ga sheet aluminum signs in accordance with ASTM B 209, alloy 6061-T6 or alloy 5052-H38 with mill finish. Use the dimensions, filleted corners, and hole sizes and locations as shown on the sign standards. Ensure panels are flat and straight within commercial tolerances. Treat sheet aluminum signs with a chromate type chemical conversion coating in accordance with ASTM B 449, Class II.

#### 608.2.3 Reflective Sheeting

Post-Mounted Signs: Sheeting shall be High Intensity Prismatic meeting ASTM D4956 Type III / IV (3M 3930 or approved equal).

Mast-Arm Mounted Signs: Sheeting shall be Diamond Grade meeting ASTM D4956 Type XI (3M DG<sup>3</sup> or approved equal).

All sheeting shall have a Class I adhesive backing.

#### 608.2.4 Overlay

Electronic cuttable sign film designed for use with electronic sign plotters (3M ElectroCut Series 1170 Film, or approved equal).

#### 608.2.5 Mounting Hardware

Bolts, nuts, washers, brackets, and all other hardware needed for mounting shall be suitable for long-term outdoor use

A) Bolts: 5/16" x 3", hex head

B) Nuts: flanged, self-locking, size as needed

C) Washers: 3/4" O.D., maximum

D) Brackets: for mast-arm mounting, use a prefabricated mounting system (Pelco Structural Astro-Brac® or approved equal). See COT Standard 616.

#### 608.2.6 Posts

Sign posts shall be perforated square tube (Telespar® or approved equal). Signs shall be composed of new hot-rolled carbon sheet steel, structural quality, ASTM A 1101. Provide a finish that is in-line, hot-dip galvanized zinc coating in accordance with AASHTO M120, followed by a chromate conversion coating, and a clear organic exterior coating. Provide posts with ½-in. (± ½-in.) diameter holes spaced 1-in. on center along the center of each of the four sides.

#### 608.3 CONSTRUCTION METHODS

#### 608.3.1 General

Construction methods shall involve fabrication and mounting of the sign to the appropriate type mount.

#### 608.4 METHOD OF MEASUREMENT

- 608.4.1 Signs of the size and type specified will be measured by the square foot of area of the vertical front face with no deduction for rounded corners or bolt holes.
- Posts of the size specified will be measured by the linear foot between the ends of the installed post.

608.	5 BASIS OF PAYMENT
608.5.1	Accepted signs, measured as provided above, will be paid for at the contract unit price as follows:
608.5.2	SIGNS
	GROUND SIGN SF OVERHEAD SIGN SF
	payment shall be full compensation for furnishing all materials, ment, labor and incidentals required to complete the work as specified
608.5.3	POSTS
	1-1/2" SIGN POST LF 1-3/4" SIGN POST LF 2" SIGN POST LF

Such payment shall be full compensation for furnishing all materials, equipment, labor and incidentals required to complete the work as specified.

# SPECIAL PROVISIONS FOR PRICE ADJUSTMENT FOR ASPHALT BINDER

These Special Provisions revise, amend, and where in conflict, supersede applicable sections of the 2009 Oklahoma Department of Transportation Standard Specifications for Highway Construction. Units of measurements are provided in the subsections in both English and metric equivalents. The units for this project shall be those specified in the project plans.

(add the following:)

#### 109.12 PRICE ADJUSTMENT FOR ASPHALT BINDER.

A price adjustment clause is included in this contract to provide additional compensation to the Contractor or a credit to the City of Tulsa for fluctuations in asphalt binder process. This price adjustment is dependent upon a change in the average price of asphalt binder which results in an increase or decrease in the price of products utilized on this project.

- a) Payment will be made to the contractor for monthly fluctuation in the cost of asphalt binder used in performing the applicable items of Asphalt Concrete work as listed in the table below when the asphalt binder cost fluctuates by more then 3% from the base price defined below. Payments may be positive, negative, or nonexistent depending on the circumstances. Payments or deductions will only be calculated on that portion of the asphalt binder cost fluctuation that exceeds the 3% specified above. Payments or deductions for the asphalt binder cost adjustment will be included in the contractor's progressive estimates; and the payments or deduction authorized for each estimate will be based upon the algebraic difference between the quantities for applicable items of work.
- b) The Asphalt Binder Cost Adjustment (ACA) for the current estimate will be computed according to the following formula:

 $ACA = Q \times F \times D$ 

Where

ACA = Asphalt binder cost adjustment, in dollars;

Q = The algebraic difference between the quantities for the

applicable items on the current estimate and the quantities shown

on the previous estimate, in tons of mix;

F = The Asphalt Binder Use Factor for the applicable items of work

subject to this price adjustment, as listed in the following table,

are:

ITEM OF WORK	SPECIFICATION NUMBER	ASPHALT BINDER USE FACTOR PER UNIT (metric and U.S. Customary units)	
Aspalt Concrete, Type S5	411	(metric and U.S. Customary units)  0.060 ton of binder per ton of mix	
Aspalt Concrete, Type S4	411	0.060 ton of binder per ton of mix	
Aspalt Concrete, Type S3	411	0.050 ton of binder per ton of mix	

Note: When the units of measure in the contract for the Items of Work listed in the table do not correspond with the units shown in the table (i.e. Asphalt Concrete paid by the square yard, etc.), those Items will not be subject to the terms of this special provision or any asphalt binder price adjustment.

D = Allowable price differential, in dollars;

The allowable price differential, "D" for the current estimate will be computed according to the following formulas:

When the current price, P, is greater than the base price,  $P_{(b)}$ .

D =  $P - [1.03 \times P_{(b)}]$ , but not less than zero.

When the current price, P, is less than the base price, P(b).

D =  $P - [0.97 \times P_{(b)}]$ , but not greater than zero.

In either case,  $P_{(b)}$  shall be the base asphalt binder price, in dollars per ton (mton), defined as the average of the minimum and maximum prices for performance-graded binder using the Selling Price of PG64-22 paving grade, F.O.B. manufacturer's terminal, as listed under "Midwest/Mid-Continent Market – Tulsa, Oklahoma/Southern Kansas area" as published in the last issue of <u>Asphalt Weekly Monitor®</u> furnished be Poten & Partners, Inc. for the month prior to the month in which the bids for the work were received.

In either case, P, shall be the current asphalt binder price, in dollars per ton (mton), as defined above for the base asphalt binder price. The publication used will be the last issue published in the month prior to the month in which the progressive estimate is generated.

c) Items included in the contract that are listed in the table above are subject to the adjustment in accordance with this provision, regardless of any amount of overrun to the plan quantity. Any new items of work added to the contract by supplemental agreement that are listed in the table above, will be subject to the asphalt binder price adjustments in accordance with this provision. The base asphalt binder price,  $P_{(b)}$ , for any newly added eligible items will be the same  $P_{(b)}$  as the eligible items in the contract and the new unit price established by supplemental agreement shall be determined accordingly.

## SPECIAL PROVISIONS REMOVAL OF CASTINGS

All water, sanitary sewer, and storm sewer manhole castings, lids, frames, curb hoods, grates, hydrants, valves, and other fittings removed as part of any construction project are property of the City of Tulsa. Contractor will not take ownership.

All storm sewer and sanitary sewer castings shall be salvaged and delivered by the contractor to the Underground Collections North Sewer Base Stockyard at 9319 East 42<sup>nd</sup> Street North. Contractor will coordinate the return of such items with the Stockyard personnel at 918-669-6130.

All hydrants, valves, and other fittings from abandoned water mains shall be salvaged and delivered by the contractor to the South Yard at 2317 South Jackson Avenue. Contractor will coordinate the return of such items with the South Yard personnel at 918-596-9401.

## SPECIAL PROVISIONS TACTILE MARKERS TRUNCATED DOMES

**DESCRIPTION.** This work shall consist of installing Truncated Domes.

MATERIAL. The Truncated Domes shall be pre-case concrete pavers with a nominal thickness of 7/8 inch to 2 inches. They shall be constructed with a minimum of 4000 psi concrete. They shall be yellow in color and meet all ADA requirements for color contrast and dimensions.

**CONSTRUCTION METHODS.** The panels shall be installed according to the manufacturer's recommendations and in accordance with City of Tulsa Standard Drawing No. 790—Standard Sidewalk Ramp.

**METHOD OF MEASUREMENT.** The Truncated Domes will be measured by the square foot of panel area.

**BASIS OF PAYMENT.** Accepted panels, measured as provided above, will be paid for at the contract unit price as follows:

TRUNCATED DOMES

**SQUARE FOOT** 

Such payment shall be full compensation for furnishing all materials, equipment, labor and incidentals to complete the work as specified.

## SPECIAL PROVISIONS FOR TREE REMOVAL

**DESCRIPTION.** This work shall consist of removing trees where called for on the Plans and shall include cutting such trees, removing their stumps and roots, and properly disposing of the material.

**CONSTRUCTION METHODS.** Trees shall be removed and disposed of in a manner approved by the Engineer. All stumps and roots shall be removed to a depth of not less than 12 inches below the finished subgrade elevation.

**METHOD OF MEASUREMENT.** The size of trees will be determined by the average diameter of the tree trunk taken at a point measured four feet above the base of the tree at the ground line. The diameter will be measured to the nearest full inch.

**BASIS OF PAYMENT.** Trees to be removed under this item will be measured as provided above and will be paid for at the contract unit price per each tree in accordance with the following schedule of size:

(A)	REMOVING TREES 6-12 INCH IN DIAMETER	EA.
(B)	REMOVING TREES 13-18 INCH IN DIAMETER	EA.
(C)	REMOVING TREES 19-24 INCH IN DIAMETER	EA.
(D)	REMOVING TREES 25 INCH AND MORE IN DIAMETER	FΔ

which shall be full compensation for furnishing all materials, equipment, labor and incidentals to complete the work as specified.

Removing trees less than 6 inches in diameter will be considered as incidental work and will not be paid for directly but the cost will be included in other items.

#### **SPECIAL PROVISIONS**

#### **URBAN RIGHT OF WAY RESTORATION**

#### **DESCRIPTION:**

The work under this item shall consist of restoring Rights-of-Way. Contractor shall be responsible for the removal and replacement of mailboxes, drains, traffic signs, and curb street address number, sprinkler system or any other improvement within the right of way that is not paid for in other items of work.

#### **CONSTRUCTION REQUIREMENTS:**

All existing improvements as called for in this special provision to be replaced or reconstructed shall be restored to substantially the same condition as existed prior to the construction. Contractor shall document by photographing all obstructions and improvements prior to the start of construction.

As the work progresses, all streets shall be thoroughly cleaned of all rubbish, excess earth, rock, and other debris resulting from such work. All clean-up operations at the location of such work shall be accomplished at the expense of the contractor and shall be completed to the satisfaction of the engineer.

#### **IRRIGATION SYSTEMS**

#### **DESCRIPTION:**

The work shall consist of repairing any irrigation systems inside or outside the street Right of Ways as a result of damages or adjustments needed during the course of the construction to the satisfaction of the engineer.

#### **CONSTRUCTION REQUIREMENT:**

Contractor shall repair irrigation systems using like materials and shall include all materials necessary for the proper installation and function of the system. Materials such as valves, controllers, pop up spray and rotary heads, risers, seals, backflow preventer and main line pipe damaged during the course of the construction shall be re installed to its original condition. Excavation, placement, testing, back filling and compacting shall be done as required by the city of Tulsa standard specifications.

#### STREET ADDRESS AT CURB

#### **DESCRIPTION:**

The street address of the building, structure or lot served by the reconstructed driveway shall be painted on the curb of the driveway. Location to be approved by the Engineer. The street address shall face traffic flow.

#### **CONSTRUCTION REQUIREMENTS:**

The Street Address to be painted shall conform to city specifications as to size and form, and the

quality of paint to be used, as determined by the City of Tulsa Public Works Department.

Street Address placed on the curb shall be done using a vinyl numbers stencils; letters shall be in black paint in figures of the size of three inches in height, and impressed upon a white background of the size of five by eleven inches. Standard stencil lettering with height, color and style shall be as approved by the engineer or in accordance with the most current City of Tulsa Standards.

#### MAILBOX REMOVAL AND RELOCATION

#### **DESCRIPTION:**

Contractor shall remove, reset and/or reconstruct any and all mailboxes within the street right of way.

#### **CONSTRUCTION REQUIREMENTS:**

The removal, resetting and/or reconstruction of mail boxes in street right of way shall be coordinated with the local postmaster as required. Mailboxes shall be located no closer than I' behind the face of curb to face of box.

Where Special mailboxes such as Stone, masonry brick, or non standard mail boxes exist, contractor shall replace all mailboxes in like kind. The kind and quality of materials in which mailboxes shall be reconstructed shall be to the satisfaction of the property owner and approved by the engineer.

The replaced mailbox shall be capable of withstanding wind loading and lateral load associated with the delivery of the mail.

#### **DRAINS**

#### **DESCRIPTION:**

Contractor shall reestablish drains, roof drains, and other drainage through the curb.

#### **CONSTRUCTION REQUIREMENTS:**

Removal, replacement, salvage of drains in street right of way shall be done during road construction phase.

Contractor shall replace all drains in like kind. The kind and quality of materials in which drains shall be reconstructed shall be to the satisfaction of the property owner and approved by the engineer.

All re-established drains shall include a storm water curb opening as described in City of Tulsa Standard Drawing 758.

#### TRAFFIC SIGNS

#### **DESCRIPTION:**

Unless otherwise directed by the plans and specifications, this item shall consist of removing, storing, and resetting all existing traffic signs. Contractor shall remove, store, and reset all traffic signage as required for construction of this project.

#### **CONSTRUCTION REQUIREMENTS:**

Roadside signs shall be placed at locations shown on the plans or at existing locations and shall be installed in compliance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD).

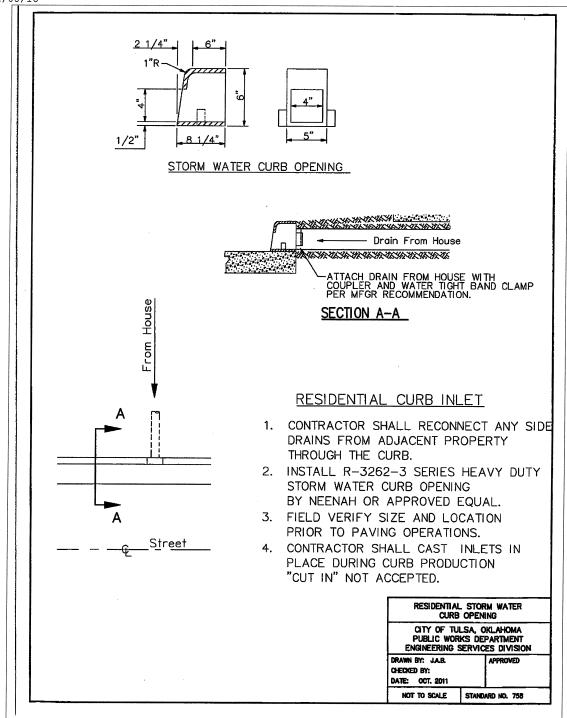
#### **METHOD OF MEASUREMENT:**

Irrigation Systems, Street Address at the Curb, Mailbox Removal and Relocation, Drains, and Traffic Signs will be measured by EACH for the project.

#### **PAYMENT:**

Special (C) Urban Right-Of Way Restoration (measured as provided above) will be paid for at the contract unit price by EACH. Such payment shall be full compensation for all equipment, tools, labor, and incidentals necessary to complete the work as specified.

Special (C) Urban Right-Of-Way Restoration ......EACH



# SPECIAL PROVISION FOR UTILITY RELOCATIONS AND DESIGN ISSUES

It is the intent of this specification to provide no more than seventy-five (75) calendar days due to delays caused by required utility relocations and required design clarifications. Should the Contractor be delayed in the final completion of work by any utility relocation or design issue, additional days as determined by the Engineer shall be granted by the City. However, the Contractor shall give the Engineer notice in writing of the cause of the delay in each case on the Extension of Time Request Form enclosed in these documents, and agrees that any claim shall be fully compensated for by the provisions of this specification to complete performance of the work. An adjustment will not be made to the contract time bid for incentive purposes.

Any time granted for utility relocations or design issues up to (75) calendar days will be in addition to the number of days shown in the proposal for computation of disincentive and liquidated damages.

