CERTIFICATE OF AUTHORIZATION NUMBER <u>A 32</u>

CONSTRUCTION CONTRACT

STATE PROJECT NUMBER:	N/A
STATE JOB/PIECE NUMBER:	N/A
by and between the Board of County	day of June Commissioners of Kingfisher
County (the County) and <u>Circuit Engineering Distr</u> address is 909 Westlakes Dr. Alva. OK 73717	rict 8 (the Engineer) whose

PROJECT LOCATION, DESCRIPTION AND/OR BRIDGE LOCATION NUMBER

Construction Management- Kingfisher Co- 2025 Asphalt Overlay District #1

Big 4 EW76 Start NS286 to NS292 With Bridge Exception

NS292 From EW76 to EW77

The Engineer agrees to furnish all labor, equipment and incidentals to perform all Registered Professional Engineering and other professional services required by the County and the Department of Transportation (the Department) and necessary to the making of surveys, preparation of design plans, specification, estimates, right of way plans and easements and to provide all necessary professional engineering supervision for the proper preliminary design or said project. All costs and fees for work not listed on the attached detailed work proposal shall be paid under separate contracts to be negotiated prior to work being performed. The Engineer warrants and agrees to begin work to be performed under this contract promptly upon acceptance of this contract by the County; to diligently pursue said work to completion; to devote the Registered Professional Engineering services as requited for prompt completion of said work; and to assign only qualified, experienced personnel to this project. Hydraulics and geotechnical investigation reports as may be required will be submitted along with the design to the Department for review.

The Engineer agrees to ensure that all design and pay quantity computations are independently checked in detail by competent personnel. The Engineer agrees that the County or the Department reserves the right, but does not commit itself, to review the Engineer's plans for errors, omissions, and which is contrary to standards or sound engineering practice. It is specifically agree that a review of the plans by the County or the Department, if any, does not relieve the Engineer of responsibility as a professional engineering consultant to prepare and provide the Department with a set of plans based on accepted standards and sound engineering principles. In no event shall the Engineer assume that the County or the Department will review the Engineer's plans for errors or omissions. The Engineer shall assume that the plans called for under this contract will not be reviewed by the County of the Department and will provide plans which are in all respects ready for use in the construction of the project set forth in this contract.

The Engineer agrees to be held responsible for the accuracy of engineering details and quantities of work to be performed and will hold and save the County and the Department harmless from any and all claims for damage or causes of action resulting from plan errors or omissions which amount to professional negligence on the part of the Engineer or its subcontractors; that prior to beginning the work the Engineer shall obtain and furnish current certifications of Professional Liability Insurance which shall include errors and omissions insurance to the County and the Department; and that this insurance shall be maintained in full force and effect during the life of this engineering contract. The Engineer agrees to be held responsible for any mistakes or omissions in the work of the Engineer which appear during a review, if any, by the County or the Department prior to advertising for contract, during the letting process, or during the construction, and agrees to do any work on the plans necessary to correct the mistakes or omissions in the work, including submitting computations to support said corrections to plans without additional compensation. The Engineer shall be given timely written notice and the opportunity to correct any errors or omissions in plan documents. The Engineer agrees it may thereafter be held liable for any additional cost incurred by the County and the Department for construction or construction delays which resulted from plan errors or omission which amount to professional negligence as defined below and the frequent occurrence of irregularities in engineering details or quantities will be a basis for withholding future engineering contracts from the Engineer. Professional negligence shall be defined as failure to conform with accepted engineering standards to include the exercise of reasonable care and professional skill in the preparation of plans.

The Engineer shall submit an invoice and supporting documentation not more than twice per month based upon the engineers incurred costs. Should the project be abandoned through no fault of the Engineer, the Engineer shall be paid for that portion of the engineering services actually performed. Upon request all field notes, tracings and other documents prepared by the Engineer under this contract shall be delivered to and become the property of the County who may submit same to the Department for its retention and use.

Any projects that utilize BIA, military or other FHWA administered funds for the development of plans or other engineering services must meet the federal requirements for consultant selection as described in The Brooks Act (Public Law 92-582) also known as Qualifications Based Selection (QBS). The Brooks Act requires agencies to promote open competition by advertising, ranking, selecting and negotiating contracts based on demonstrated competence and qualifications for the type of engineering and design services being procured, and at a fair and reasonable price. Engineering and design related are defined in 23 U.S.C. § 112 (b) (2) (A) and 23 CFR § 172.3 to include program management, construction management, feasibility studies, preliminary engineering, design engineering, surveying, mapping or other related services. These other services may include professional engineering related services or incidental services that may be performed by a professional engineer, or individuals working under their direction, who may logically or justifiably perform these services.

The low bid for construction cost for this project is \$2,002,079.37.

The County and the Engineer agree that an amount not to exceed Sixty-One Thousand Eight Hundred and Seventy-Six Dollars and Thirteen Cents. (\$61,876.13). for the construction management fee as supported by the attached detailed work proposal. The construction management fee shall constitute the total amount eligible to be paid to the Engineer for services rendered under this contract. Failure to list a required action in the detailed work proposal does not relieve the Engineer from the responsibility of performing a required task. Payments shall be made as work is completed. Any fees exceeding the attached detailed work proposal must be approved.

The County and the Engineer agree that all work to be completed under this contract shall be performed by the Engineer in compliance with all applicable state and federal laws, rule and regulations.

This contract may be terminated by either party upon thirty (30) days written notice to the other party.

The County and Engineer agree that it will comply with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42, U.S.C. 200d-et seq., and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, "Nondiscrimination of Federally-Assisted Programs of the Department of Transportation-Effectuation of Title VI of the Civil Rights Act of 1964".

The Engineer of duty authorized agent of the Engineer who has executed this contract on behalf of the Engineer, warrants and affirms that he or she is fully aware of the facts and circumstances surrounding the making of this contract and that neither the Engineer nor anyone subject to the Engineer's direction or control has paid, given, donated or agreed to pay, give or donate any money or other things of value, either directly or indirectly, to any officer or employee of the County or of the State of Oklahoma in procuring this contract or in obtaining acceptance and payment hereunder.

In witness whereof, the parties hereto have affixed their hands and seal.

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			FEE PROPOSAL			
Bridges	Blq 4			Task Order#		
Compensation Method	N				Task	Order Budget Total
Additional Project Expenses		\$5,800,00	Hourly	\$ 41,345,80	5	61,876,1
Materials Testing	\$	14,929.33	Cost Plus Fixed Fee	5	100	01,070,11
			Project Timo Estimates			
Construction Contract Time	160 Days					
Estimated Start Date				Complete by Date Estimated Work Weeks	-	
				Estimated Work Weeks		
294 2945 10			Project Labor			
Classification Donnie Head	5	Hourly Rate 95.16	Anticipated Overtime	Time on Project		Total Cost
Tyler Schroder	3	95,76 86,57		20	5	1,903,20
Jason Brintey	s	83,14		10	5	855.70
Cola Roberts	:	52,35		10	S	831.40
Royce White	S			150	5	7,852,50
Greg Johnson	3	48,35			\$	5.00
	2	42,16		500	\$	25,080,00
Brian Rauh	\$	35.16		7.7	\$	
Jerrod Reed	5	33.06			5	
Tyson Rosp	\$	32.45				
Amy Grimsiey	5	29,01			\$	-
Melissa White	s			100	5	2,901.00
Menasa Amile	•	39,42		150	\$	5,913.00
Labor Total					S	41,346,80
					•	71,010,00
			Materials Testing			
CEDB			Materials Testing			
Test Type		Quantity	Unit	Cost per Unit of Work		Total Cost
Test Type Proctors		1		Cost per Unit of Work \$ 100,01	3	Total Cost
Test Type Proctors Extraction & Gradation		1 22	Unit	\$ 100,01	\$ \$	100,01
Test Type Proctors Extraction & Gradation		1	Unit Ea.	\$ 100,01 \$ 152,90	3	100,01 3,353,80
Test Type Proctors Extraction & Gradation		1 22 275	Unit Ea. Ea. Ea.	\$ 100,01 \$ 152,90 \$ 18,24	5	100,01 3,353,80 5,016,00
Test Type Proctors Extraction & Gradation		1 22 275 22	Unit Ea. Ea. Ea. Ex.	\$ 100,01 \$ 152,90 \$ 18,24 \$29,70	\$ 5 5	100,01 3,353,80 5,016,00 653,40
Test Type Proctors Extraction & Gradation		1 22 275 27 22 22	Unit Ea. Ea. Ea. Ex.	\$ 100.01 \$ 152.50 \$ 18.24 \$29.70 \$212.39	\$ \$ \$	100,01 3,353,80 5,016,00 653,40 4,672,58
Test Type Proctors Extraction & Gradation		1 22 275 22	Unit Ea. Ea. Ea. Ex.	\$ 100,01 \$ 152,90 \$ 18,24 \$29,70	\$ 5 5	100,01 3,353,80 5,016,00 653,40
Test Type Proctors Extraction & Gradation		1 22 275 27 22 22	Unit Ea. Ea. Ea. Ex.	\$ 100.01 \$ 152.50 \$ 18.24 \$29.70 \$212.39	\$ \$ \$	100,01 3,353,80 5,016,00 653,40 4,672,58
Test Type Proctors Extraction & Gradation		1 22 275 27 22 22	Unit Ea. Ea. Ea. Ex.	\$ 100.01 \$ 152.50 \$ 18.24 \$29.70 \$212.39	\$ \$ \$	100,01 3,353,80 5,016,00 653,40 4,572,58
Test Type Proctors Extraction & Gradation Asphalt Nuc Density Test Specific Gravil (Rice) ab Molds (Set of 2) Roadway Cores (Sat of 3)		1 22 275 27 22 22	Unit Ea. Ea. Ea. Ex.	\$ 100.01 \$ 152.50 \$ 18.24 \$29.70 \$212.39	\$ \$ \$	100,01 3,353,80 5,016,00 653,40 4,672,58
Test Type Proctors Extraction & Gradation Asphalt Nuc Density Test Specific Gravily (Rice) ab Molds (Set of 2) Roadway Cores (Set of 3)		1 22 275 22 22 22 22 22	Unit Ea. Ea. Ea. Ex. Ex. Ex. Ex.	\$ 100.01 \$ 152.50 \$ 18.24 \$29.70 \$212.39	\$ \$ \$ \$ \$	100,0 3,358,4 5,016,01 653,4 4,072,5 1,123,5 1,123,5
Test Type Proctors Extraction & Gradation Asphalt Nuc Density Test Specific Gravil (Rice) ab Molds (Set of 2) Roadway Cores (Sat of 3)		1 22 275 27 22 22	Unit Ea. Ea. Ea. Ex. Ex.	\$ 100.01 \$ 152.50 \$ 18.24 \$29.70 \$212.39	\$ \$ \$ \$ \$	100,07 3,853,80 5,016,00 653,40 4,672,59 1,123,54
Test Type Proctors Extraction & Gradation Asphalt Nuc Density Test Specific Gravily (Rice) ab Molds (Set of 2) Roadway Cores (Set of 3)		1 22 275 22 22 22 22 22	Unit Ea. Ea. Ea. Ex. Ex. Ex. Ex.	\$ 100.01 \$ 152.50 \$ 18.24 \$29.70 \$212.39	\$ \$ \$ \$ \$	100.01 3,353.80 5,016.00 653.40 4,672.58 1,123.54
Test Type Proctors Extraction & Gradullon Asphati Nuc Density Test Specific Gravil (Rice) ab Molds (Set of 2) loadway Cores (Set of 3)		1 22 275 22 22 22 22 22	Unit Ea. Ea. Ea. Ex. Ex. Ex. Ex.	\$ 100.01 \$ 152.50 \$ 18.24 \$29.70 \$212.39	\$ \$ \$ \$ \$	100.01 3,353.02 5,016,00 653.40 4,672.38 1,123.54