



COLLIN COUNTY

Office of the Purchasing Agent
2300 Bloomdale Road
Suite 3160
McKinney, Texas 75071
www.collincountytx.gov

ADDENDUM NO. Two (2)

IFB 2021-084

INVITATION FOR BID

FOR

CONSTRUCTION, ROAD: COUNTY ROAD 317 (ORR RD) FROM STACY RD TO SOUTH NTMWD DRIVE

Date: January 15, 2021

NOTICE TO ALL PROSPECTIVE BIDDERS:

PLEASE MAKE THE FOLLOWING CHANGES TO THE INVITATION FOR BID:

DELETE: Base Bid Schedule (Excel format)
REPLACE WITH: ADDENDUM No. 2 REVISED Base Bid Schedule (Excel format)

DELETE: Contract Documents/Specification Book
REPLACE WITH: ADDENDUM No. 2 REVISED Contract Documents/Specification Book

ADD DOCUMENT: ADDENDUM No. 2 – Pre-bid Q&A, Clarifications, Revisions

ADD DOCUMENT: ADDENDUM No. 2 – Pre-bid Attendance

ADD ATTRIBUTE: #21 - ADDENDUM 2 ACKNOWLEDGEMENT

PLEASE NOTE ALL OTHER TERMS, CONDITIONS, SPECIFICATIONS, DRAWINGS, ETC. REMAIN UNCHANGED.

SINCERELY,
MICHELLE CHARNOSKI, CPPB
PURCHASING AGENT

BID PROPOSAL FOR CONSTRUCTION
 CR 317 (Orr Rd) from Stacy Rd to south NTMWD Driveway

BID ITEM NO.	SPEC. ITEM NO.	QTY.	UNIT	BID ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT PRICE BID IN NUMBERS	AMOUNT BID
1	500	1	LS	MOBILIZATION for _____ DOLLARS AND _____ CENTS PER LUMP SUM	\$ _____	\$ _____ 0.00
2	100	4	AC	ROW PREP for _____ DOLLARS AND _____ CENTS PER ACRE	\$ _____	\$ _____ 0.00
3	110	700	CY	UNCLASSIFIED CHANNEL EXCAVATION for _____ DOLLARS AND _____ CENTS PER CUBIC YARD	\$ _____	\$ _____ 0.00
4	110	2781	CY	UNCLASSIFIED ROADWAY EXCAVATION for _____ DOLLARS AND _____ CENTS PER CUBIC YARD	\$ _____	\$ _____ 0.00
5	560	6	EA	REMOVE AND REPLACE MAILBOXES for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____ 0.00
6	644	11	EA	REMOVE AND REPLACE STREET SIGNS for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____ 0.00

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7	550 & 552	500	LF	REMOVE AND REPLACE FENCE for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____ 0.00
8	360	10812	SY	CONCRETE PAVEMENT (10") for _____ DOLLARS AND _____ CENTS PER SQUARE YARD	\$ _____	\$ _____ 0.00
9	360	139	SY	CONSTR 10" CONCRETE DRIVEWAY for _____ DOLLARS AND _____ CENTS PER SQUARE YARD	\$ _____	\$ _____ 0.00
10	360	389	SY	CONSTR 6" CONCRETE DRIVEWAY for _____ DOLLARS AND _____ CENTS PER SQUARE YARD	\$ _____	\$ _____ 0.00
11	105	10204	SY	REMOVE TREATED AND UNTREATED ASPHALT AND BASE MATERIAL for _____ DOLLARS AND _____ CENTS PER SQUARE YARD	\$ _____	\$ _____ 0.00
12	340	102	SY	DENSE-GRADED HOT-MIX ASPHALT (SMALL QUANTITY) for _____ DOLLARS AND _____ CENTS PER SQUARE YARD	\$ _____	\$ _____ 0.00

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13	100	2	EA	REMOVE CONC HEADWALL for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____ 0.00
14	100	50	LF	REMOVE STRUCTURE, PIPE (84" STEEL) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____ 0.00
15	100	72	LF	REMOVE STRUCTURE, PIPE (24" CMP) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____ 0.00
16	100	50	LF	REMOVE STRUCTURE, PIPE (42" CMP) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____ 0.00
17	100	242	LF	REMOVE DRWY CULVERT (PIPE) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____ 0.00
18	460	80	LF	INSTALL 42" CMP (GALV STL) (POLYMER COATED) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____ 0.00

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19	460	48	LF	INSTALL 84" CMP (GALV STL) (POLYMER COATED) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____ 0.00
20	460	96	LF	INSTALL 24" CMP (GALV STL) (POLYMER COATED) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____ 0.00
21	464	252	LF	INSTALL 18" RCP (CLASS IV) (DRIVEWAY) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____ 0.00
22	464	65	LF	INSTALL 24" RCP (CLASS IV) (DRIVEWAY) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____ 0.00
23	467	16	EA	18" PSET-SP CONC HEADWALL (TY II) (RCP) (6:1) for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____ 0.00
24	467	4	EA	24" PSET-SP CONC HEADWALL (TY II) (RCP) (6:1) for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____ 0.00

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25	466	1	EA	42" CONCRETE HEADWALL CH-FW-0 (2:1) for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____ 0.00
26	466	2	EA	24" CONCRETE HEADWALL CH-FW-15 (3:1) for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____ 0.00
27	466	2	EA	84" CONCRETE HEADWALL CH-FW-0 (3:1) for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____ 0.00
28	432	25	SY	CONCRETE RIP RAP (5IN) for _____ DOLLARS AND _____ CENTS PER SQUARE YARD	\$ _____	\$ _____ 0.00
29	432	212	SY	STONE RIP RAP (COMMON) (18") (DRY) for _____ DOLLARS AND _____ CENTS PER SQUARE YARD	\$ _____	\$ _____ 0.00
30	100	1	EA	REMOVE INLET for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____ 0.00

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31	DRAWING	1	EA	48" CMP DROP INLET for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ 0.00
32	132	500	CY	EMBANKMENT (FINAL) (DENS CONT) (TY B) for _____ DOLLARS AND _____ CENTS PER CUBIC YARD	\$ _____	\$ 0.00
33	341	2573	TON	4" HMAC TYPE "B" BASE COURSE for _____ DOLLARS AND _____ CENTS PER TON	\$ _____	\$ 0.00
34	210	11696	SY	SUBGRADE PREPARATION (6" MOISTURE CONDITION & COMPACTION) for _____ DOLLARS AND _____ CENTS PER SQUARE YARD	\$ _____	\$ 0.00
35	401	70	CY	FLOWABLE FILL for _____ DOLLARS AND _____ CENTS PER CUBIC YARD	\$ _____	\$ 0.00
36	666	8030	LF	REF PAV MRK TY II (Y) 4" (SLD) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ 0.00

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37	666	8030	LF	REF PAVE MRK TY II (W) 4" (SLD) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ 0.00
38	164	19320	SY	STRAW/HAY MULCH SEEDING (PERM) (URBAN)(CLAY) for _____ DOLLARS AND _____ CENTS PER SQUARE YARD	\$ _____	\$ 0.00
39	DRAWING	1	LS	EROSION CONTROL for _____ DOLLARS AND _____ CENTS PER LUMP SUM	\$ _____	\$ 0.00
40	502	8	MO	BARRICADES, SIGNS & TRAFFIC HANDLING for _____ DOLLARS AND _____ CENTS PER MONTH	\$ _____	\$ 0.00
41	540	100	LF	METAL BEAM GUARD FENCE (MBGF) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ 0.00
42	544	4	EA	SINGLE GUARDRAIL TERMINAL (SGT) for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ 0.00
43	402	130	LF	TRENCH EXCAVATION PROTECTION	\$ _____	\$ 0.00

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				for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT		
44	DRAWING	2	EA	PROJECT SIGN for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____ 0.00
TOTAL BID						\$ _____ 0.00

ADDENDUM No. Two (2) -- Pre-bid meeting Q&A; Clarifications; Revisions

CLARIFICATIONS

Temporary Paving

Any additional temporary paving width necessary for traffic control shall be Hot Mix Asphalt Concrete and shall be considered incidental to the Barricades, Signs & Traffic Handling bid item in accordance with Traffic Control Notes No. 20 on Sheet TCP1 of the plan set. It is the contractor's responsibility to maintain efficient drainage throughout the construction.

Duration of Temporary Road Closures

With approval, the required one-lane two-way traffic segment(s) is/are may be allowed to be closed to allow construction equipment to efficiently perform their functions. The maximum consecutive time length Orr Road may be closed temporarily without a detour or diversion is 15 minutes during the daytime. A flagger or uniformed law enforcement officer is required, and additional signage will be needed in accordance with "Typical Application 13 – Temporary Road Closure" outlined in Part 6 of the Texas MUTCD. Portable electronic message boards shall be required in advance to alert motorists of minor delays associated with closure. If in the opinion of County's designated construction inspector, engineer, staff, law enforcement officer, or emergency responders, the traffic queuing becomes excessive, the County shall require the road to be re-opened immediately. If, in the opinion of the County or its representatives the frequency or duration of the shutdowns become excessive, then the Contractor shall be required to adjust accordingly.

Portable Electronic Message Boards in Advance of Construction

Two (2) portable electronic message boards for CR 317 (southbound) and CR317 (northbound), or as directed by County, shall be placed two weeks prior to construction to alert motorists of upcoming activities/lane closures. This shall be covered by the bid item for Barricades, Signs & Traffic Handling which has a quantity of 8 months to account for this time.

Temporary Mailboxes

At the County's discretion, a temporary mailbox shall be required to be placed at each property where a permanent mailbox has been removed and is scheduled for replacement. The temporary mailbox shall be placed to allow for construction operations while also providing for safe access by delivery personnel and property owners. The temporary mailbox shall be placed on either side of the road generally at the same paving station as the permanent mailbox and within the limits of the property frontage. The temporary mailbox standard shall be free-standing, capable of withstanding normal wind loads, and installed at the appropriate height for delivery personnel. The standard shall be approved by the County or the County's representative prior to use.

Fly Ash

The NCTCOG Standard Specifications control for paving on this project. As such, fly ash may be used with a maximum cement reduction of 25-percent by weight per cubic-yard of concrete with a minimum substitution ratio of 1:1.

Staging Areas

The County has made no arrangements for staging areas on behalf of the contractor. There are properties, including NTMWD property, along the project limits that could potentially serve as staging areas. The contractor shall be responsible for coordinating those agreements with the property owners and shall provide evidence of such agreements to the County or the County's representative prior to use.

Water for Construction

Water required for construction shall be paid for and coordinated by the contractor.

Existing Asphalt Thickness

Per the boring logs found in the geotechnical report in the appendix of the contract documents, the existing asphalt pavement thickness along the project limits is approximately 4 inches.

Materials Testing Firm

Currently EST, Inc. is scheduled to serve as the County's materials testing firm for the project.

Unit Bid Prices

See Instructions to Bidders 1.9 Preparation of Bid -- All blank spaces in forms shall be correctly filled in, and the bidder shall state the prices, written in words and in figures. Where there is discrepancy between the price written in words and the price written in figures, the price written in words shall govern.

Irrigation

Although none anticipated, the contractor shall protect all existing irrigation systems encountered during construction from damage. Any avoidable (as determined by the County) damage caused to irrigation systems by the contractor's operation shall be repaired to the satisfaction of the County and property owner at the contractor's expense. Any unavoidable damage caused to irrigation systems by the contractor's operation shall be repaired to the satisfaction of the County and property owner. Payment shall be made by the County at the direct cost of the repairs and with documentation backup of the invoices. All irrigation repairs must be performed by a licensed irrigator.

REVISIONS

Corrugated Metal Pipe Requirements

The proposed 24", 42" and 84" CMPs are revised from bituminous coated to polymer coated.

The 24" CMP shall be 14-gauge (0.079-inch wall).

The 42" and 84" CMPs as well as the 48" CMP drop inlet shall be 12-gauge (0.109-inch wall).

The (N=2) designation is removed from the 42" CMP bid item description.

The bid quantity for the 84" CMP is revised from 44 to 48 LF.

The bid quantities for the 24" and 42" CMPs are correct.

2" HMAC Type "B" Base Course

Bid Item 33 is revised from 2" HMAC Type "B" Base Course to 4" HMAC Type "B" Base Course, and the is revised from 1,287 to 2,573 TONS.

This increase in base course thickness is to ensure densities can be taken on the asphalt base course and to help ensure the integrity of the asphalt base course on the compacted subgrade.

The quantity for Bid Item 4, *Unclassified Roadway Excavation*, is revised from 2,130 to 2,781 CY to account for the increased thickness of the asphalt base course.

Conflicting quantities and calls on the plan sheets will be updated prior to construction to conform to this and any other addendum.

Bidders are instructed to use REVISED Based Bid Schedule Excel format. Bid Proposal Sheets 1, 3, 4 and 6 have been updated.



SIGN-IN SHEET

Project: Pre-Bid Meeting – IFB 2021-084 Construction, Road: CR 317 (Orr Rd) from Stacy Rd to South NTMWD Drive

Facilitator: Purchasing, Public Works, Binkley & Barfield, Inc.

Date: 1/6/2021 via Cisco Webex – non mandatory

Name	Company	
Brian Lee	Ed Bell Construction Co.	
Christopher Johnson	J.D. Abrams, L.P.	
James Eaton	Jago-Public Company	
Russell Harris	Pavecon Public Works	
Grant Brown	Tiseo Paving	
Will Mee	McMahon Contracting LP	
Paul Anderson	Harrison Walker and Harper	
Shahab Molavi	DDM Construction	
Jeremiah Brooks	Reliable Paving Inc.	
Richard Arvizu	Binkley & Barfield, Inc.	
Mark Hines	Collin County	
Jon Kleinheksel	Collin County	
Wayne Anderson	Collin County	
Sara Hoglund	Collin County	
Matt Dobecka	Collin County	
Andrea Pease	Collin County	
Gina Zimmer	Collin County	