Department of Engineering Tim Bryan, P.E., County Engineer 3137 South Liberty Street, Canton, MS 39046 Office (601) 790-2525 FAX (601) 859-3430

## **MEMORANDUM**

February 13, 2023

To: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
Karl Banks, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Tim Bryan, P.E. County Engineer

Re: Approval of Lowest Construction Bid Reunion Parkway Phase 3 Project Project STP-6988-00(003)LPA/106992-701000

On February 7, 2023, construction bids were received from 2 companies for the Reunion Parkway Phase 3 Project.

The Engineering Department recommends that the Board approve the lowest bidder, Hemphill Construction Company, Inc. to construct the project for a bid of \$22,738,264.00. Upon concurrence from MDOT, it is requested that the Board President be authorized to sign the construction contract.

As part of the MDOT concurrence package, it is requested that the Board President be authorized to sign the following items:

- Letter to MDOT requesting concurrence
- MDOT checklist to award the project to the lowest bidder



February 8, 2023

Attention: Mr. Tim Bryan P.E., County Engineer Madison County, Mississippi 3137 South Liberty Street Canton, MS 39046

Dear Mr. Bryan,

Reference: Reunion Parkway Phase 3 Project

Project STP-6988-00(003)LPA/106992-701000

Sealed bids were received by Madison County, MS on February 7, 2023, for the construction of the referenced project. As indicated by the enclosed certified bid tabulation, two (2) sealed bids from the following construction companies were opened and read aloud:

Hemphill Construction Company, Inc. \$22,738,264.00 Key, LLC . \$27,320,611.33

The low bid amount was for <u>\$22,738,264.00</u>. We have reviewed the bids, find it to be in order and recommend the referenced project be awarded to Hemphill Construction Company, Inc. following approval by Madison County personnel and concurrence from MDOT.

Regards,

Stantec Consulting Services Inc.

Brad Engels Senior Associate

Attachment: Bid Tabulation

### Madison County BOS - Reunion Parkway Phase 3 Project

### PROJECT: STP-6988-00(003)LPA/106992-701000

# MADISON COUNTY

### BID TABULATION

						Hemphill Construc	tion Company, Inc.	Key, LLC	
Line No.	Pay Item No.	Fuel Adjustment Code	Plan Quantity	Unit	Description	Unit Price	Item Total	Unit Price	Item Total
					Roadway				
10	201-A001		1	LS	Clearing and Grubbing	XXXXX	\$1,200,000.00	XXXXX	\$300,000.00
20	201-B001		4	ACRE	Clearing and Grubbing	\$11,080.50	\$44,322.00	\$3,865.00	\$15,460.00
30	202-A001		1	LS	Removal of Obstructions	XXXXX	\$50,000.00	XXXXX	\$35,000.00
40	202-B052		53	SY	Removal of Concrete Driveways, All Depths	\$26.50	\$1,404.50	\$28.00	\$1,484.00
50	202-B126		2,536	LF	Removal of Fence, All Types	\$4.00	\$10,144.00	\$5.00	\$12,680.00
60	202-B191		135	LF	Removal of Pipe, 8" And Above	\$27.00	\$3,645.00	\$50.00	\$6,750.00
70	203-A001	E	37,803	CY	Unclassified Excavation, FM, AH	\$10.50	\$396,931.50	\$6.65	\$251,389.95
80	203-D001	Е	5,000	CY	Muck Excavation, FM	\$14.50	\$72,500.00	\$26.00	\$130,000.00
90	203-EX012	Е	20,000	CY	Borrow Excavation, AH, FME, Class B3	\$38.00	\$760,000.00	\$42.00	\$840,000.00
100	203-EX042	E	144,640	CY	Borrow Excavation, AH, FME, Class B9-10	\$23.85	\$3,449,664.00	\$40.00	\$5,785,600.00
110	203-G001	Е	25,000	CY	Excess Excavation, FM, AH	\$14.25	\$356,250.00	\$26.00	\$650,000.00
120	206-A001	S	2,000	CY	Structure Excavation	\$22.50	\$45,000.00	\$32.00	\$64,000.00
130	209-A005		5,000	SY	Geotextile Stabilization, Type V, Non-Woven	\$2.00	\$10,000.00	\$6.00	\$30,000.00
140	211-B001	Е	5,000	CY	Topsoil for Slope Treatment, Contractor Furnished	\$23.85	\$119,250.00	\$1.00	\$5,000.00
150	216-A001		1,957	SY	Solid Sodding	\$4.50	\$8,806.50	\$6.20	\$12,133.40
160	217-A001		501	SY	Ditch Liner	\$2.00	\$1,002.00	\$2.00	\$1,002.00
170	220-A001		18	ACRE	Insect Pest Control	\$30.00	\$540.00	\$30.00	\$540.00
180	221-A001	S	141	CY	Concrete Paved Ditch	\$908.00	\$128,028.00	\$840.00	\$118,440.00
190	224-A001		1,825	SY	Soil Reinforcing Mat	\$4.25	\$7,756.25	\$3.10	\$5,657.50
200	225-A001		27	ACRE	Grassing	\$1,426.00	\$38,502.00	\$1,435.00	\$38,745.00
210	226-A001		27	ACRE	Temporary Grassing	\$1,307.50	\$35,302.50	\$925.00	\$24,975.00
220	230-B022		46	EA	Tree Planting, Crape Myrtle	\$416.00	\$19,136.00	\$425.00	\$19,550.00
230	907-234-A001		21,300	LF	Temporary Silt Fence	\$3.50	\$74,550.00	\$3.85	\$82,005.00
240	907-234-F001		400	LF	Turbidity Barrier	\$21.50	\$8,600.00	\$43.00	\$17,200.00
250	236-A008		3	EA	Silt Basin, Type D	\$12,137.50	\$36,412.50	\$7,500.00	\$22,500.00
260	237-A002		1,000	LF	Wattles, 20"	\$5.50	\$5,500.00	\$8.25	\$8,250.00
270	245-A001		530	LF	Silt Dike	\$13.00	\$6,890.00	\$11.00	\$5,830.00
280	246-B002		530	LF	Rockbags	\$62.50	\$33,125.00	\$11.00	\$5,830.00

Line No.	Pay Item No.	Fuel Adjustment Code	Plan Quantity	Unit	Description	Unit Price	Item Total	Unit Price	Item Total
290	249-A001		1,498	TON	Riprap for Erosion Control	\$105.00	\$157,290.00	\$100.00	\$149,800.00
300	907-253-A001		619	LF	Coir Fiber Baffle	\$11.50	\$7,118.50	\$12.25	\$7,582.75
310	304-F001	GT	2,969	TON	3/4" and Down Crushed Stone Base				
					OR				
320	304-F002	GT	2,969	TON	Size 610 Crushed Stone Base	\$67.50	\$200,407.50	\$69.00	\$204,861.00
					OR				
330	304-F003	GT	2,969	TON	Size 825B Crushed Stone Base				
340	307-C002	М	32,213	SY	12" Soil-Lime-Water Mixing, Class C	\$5.50	\$177,171.50	\$2.96	\$95,350.48
350	307-D001		870	TON	Lime	\$375.00	\$326,250.00	\$415.00	\$361,050.00
360	307-S001	A3	8,054	GAL	Bituminous Curing Seal	\$7.25	\$58,391.50	\$6.00	\$48,324.00
370	403-A002	BA1	3,480	TON	12.5-mm, MT, Asphalt Pavement	\$167.50	\$582,900.00	\$153.00	\$532,440.00
380	403-A005	BA1	4,084	TON	19-mm, MT, Asphalt Pavement	\$159.25	\$650,377.00	\$147.00	\$600,348.00
390	403-A006	BA1	4,084	TON	19-mm, ST, Asphalt Pavement	\$156.75	\$640,167.00	\$143.00	\$584,012.00
400	403-A014	BA1	2,645	TON	9.5-mm, MT, Asphalt Pavement	\$186.50	\$493,292.50	\$171.00	\$452,295.00
410	502-A001	С	446	SY	Reinforced Cement Concrete Bridge End Pavement	\$306.50	\$136,699.00	\$524.00	\$233,704.00
420	503-C010		100	LF	Saw Cut, Full Depth	\$9.00	\$900.00	\$20.00	\$2,000.00
430	601-B001	S	3	CY	Class "B" Structural Concrete, Minor Structures	\$1,248.00	\$3,744.00	\$8,825.00	\$26,475.00
440	602-A001	S	72	LBS	Reinforcing Steel	\$2.50	\$180.00	\$2.00	\$144.00
450	603-ALT006	S	112	LF	24" Type A Alternate Pipe	\$131.50	\$14,728.00	\$184.00	\$20,608.00
460	603-CA026	S	192	LF	24" Reinforced Concrete Pipe, Class III	\$110.50	\$21,216.00	\$110.00	\$21,120.00
470	603-CA055	S	304	LF	36" Reinforced Concrete Pipe, Class III	\$133.00	\$40,432.00	\$135.00	\$41,040.00
480	603-CB004	S	3	EA	24" Reinforced Concrete End Section	\$1,220.50	\$3,661.50	\$1,790.00	\$5,370.00
490	603-CB006	S	4	EA	36" Reinforced Concrete End Section	\$1,848.50	\$7,394.00	\$2,000.00	\$8,000.00
500	604-B001		250	LBS	Gratings	\$5.00	\$1,250.00	\$5.40	\$1,350.00
510	605-X002	GY	165	CY	Filter Material for Filter Beds, Type A	\$120.50	\$19,882.50	\$119.00	\$19,635.00
520	605-X003	GY	5,000	CY	Filter Material for Filter Beds, Type B	\$38.00	\$190,000.00	\$44.00	\$220,000.00
530	606-B001		650	LF	Guard Rail, Class A, Type 1	\$33.00	\$21,450.00	\$31.00	\$20,150.00
540	606-D022		8	EA	Guard Rail, Bridge End Section, Type I	\$3,916.00	\$31,328.00	\$3,655.00	\$29,240.00
550	606-E005		8	EA	Guard Rail, Terminal End Section, Flared	\$4,086.00	\$32,688.00	\$3,815.00	\$30,520.00
560	609-D012	S	896	LF	Combination Concrete Curb and Gutter Type 3A Modified	\$32.00	\$28,672.00	\$29.00	\$25,984.00
570	614-B001	S	53	SY	Concrete Driveway, With Reinforcement	\$144.50	\$7,658.50	\$103.00	\$5,459.00
580	615-A002	S	80	LF	Concrete Bridge End Barrier, 33.5"	\$62.50	\$5,000.00	\$58.00	\$4,640.00
590	617-A001		45	EA	Right-of-Way Marker	\$250.00	\$11,250.00	\$500.00	\$22,500.00

Line No.	Pay Item No.	Fuel Adjustment Code	Plan Quantity	Unit	Description	Unit Price	Item Total	Unit Price	Item Total
600	618-A001		1	LS	Maintenance of Traffic	XXXXX	\$40,000.00	XXXXX	\$320,000.00
610	618-B001		1	SF	Additional Construction Signs	10.00	\$10.00	10.00	\$10.00
620	620-A001		1	LS	Mobilization	XXXXX	\$1,593,626.25	XXXXX	\$2,556,000.00
630	626-A003		1,473	LF	6" Thermoplastic Traffic Stripe, Skip White	\$1.00	\$1,473.00	\$1.55	\$2,283.15
640	626-B003		13,851	LF	6" Thermoplastic Traffic Stripe, Continuous White	\$1.50	\$20,776.50	\$2.20	\$30,472.20
650	626-E003		10,294	LF	6" Thermoplastic Traffic Stripe, Continuous Yellow	\$1.50	\$15,441.00	\$2.10	\$21,617.40
660	626-G002		633	LF	Thermoplastic Detail Stripe, White	\$2.25	\$1,424.25	\$2.20	\$1,392.60
670	626-G003		8,879	LF	Thermoplastic Detail Stripe, Yellow	\$2.25	\$19,977.75	\$2.10	\$18,645.90
680	626-H004		180	SF	Thermoplastic Legend, White	\$7.00	\$1,260.00	\$52.00	\$9,360.00
690	627-K001		26	EA	Red-Clear Reflective High Performance Raised Markers	\$8.00	\$208.00	\$15.00	\$390.00
700	627-L001		432	EA	Two-Way Yellow Reflective High Performance Raised Markers	\$8.00	\$3,456.00	\$16.00	\$6,912.00
710	630-A001		28	SF	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	\$22.50	\$630.00	\$20.00	\$560.00
720	630-A003		102	SF	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	\$24.00	\$2,448.00	\$23.00	\$2,346.00
730	630-C003		259	LF	Steel U-Section Posts, 3.0 lb/ft	\$20.50	\$5,309.50	\$20.00	\$5,180.00
740	630-E004		56	LBS	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar	\$7.00	\$392.00	\$6.00	\$336.00
750	630-F006		40	EA	Delineators, Guard Rail, White	\$25.00	\$1,000.00	\$22.00	\$880.00
760	630-G004		8	EA	Type 3 Object Markers, OM-3R or OM-3L	\$96.50	\$772.00	\$85.00	\$680.00
770	630-K001		14	LF	Welded & Seamless Steel Pipe Posts, 3 1/2"	\$79.50	\$1,113.00	\$70.00	\$980.00
780	630-K003		16	LF	Welded & Seamless Steel Pipe Posts, 4"	\$85.00	\$1,360.00	\$80.00	\$1,280.00
790	699-A001		1	LS	Roadway Construction Stakes	XXXXX	\$100,000.00	XXXXX	\$150,000.00
800	815-A002	S	454	TON	Loose Riprap, Size 100	\$108.50	\$49,259.00	\$99.00	\$44,946.00
810	815-F002	S	240	TON	Sediment Control Stone	\$67.50	\$16,200.00	\$93.00	\$22,320.00
820	907-899-A001		1	LS	Railway-Highway Provisions	XXXXX	\$816,425.00	XXXXX	\$400,000.00
830	L00074 - 907-209-A500		86,464	SY	Geotextile Stabilization TYPE X	\$16.00	\$1,383,424.00	\$14.50	\$1,253,728.00
					Bridge				
840	501-K001		5,640	SY	Transverse Grooving	\$4.00	\$22,560.00	\$2.50	\$14,100.00
850	907-607-PP001		200	LF	Safety Fence	\$267.50	\$53,500.00	\$176.00	\$35,200.00
860	907-803-B001	S	2	EA	Conventional Static Pile Load Test	5000.00	\$10,000.00	5000.00	\$10,000.00
870	803-C002	S	1,785	LF	14" x 14" Prestressed Concrete Piling	\$65.00	\$116,025.00	\$71.00	\$126,735.00
880	803-C003	S	3,250	LF	16" x 16" Prestressed Concrete Piling	\$85.00	\$276,250.00	\$87.00	\$282,750.00
890	803-C004	S	6,500	LF	18" x 18" Prestressed Concrete Piling	\$100.00	\$650,000.00	\$97.00	\$630,500.00
900	907-803-I002	S	8	EA	PDA Test Pile, Concrete Pile	\$10,584.00	\$84,672.00	\$21,000.00	\$168,000.00

Line No.	Pay Item No.	Fuel Adjustment Code	Plan Quantity	Unit	Description	Unit Price	Item Total	Unit Price	Item Total
910	907-803-J001	S	8	EA	Pile Restrike	\$1,258.50	\$10,068.00	\$3,600.00	\$28,800.00
920	907-804-A002	S	830	CY	Bridge Concrete, Class AA	\$1,104.00	\$916,320.00	\$2,195.00	\$1,821,850.00
930	907-804-A004	S	1,688	CY	Bridge Concrete, Class BD	\$1,112.50	\$1,877,900.00	\$1,500.00	\$2,532,000.00
940	907-804-B001	S	365	CY	Box Bridge Concrete, Class B	\$942.50	\$344,012.50	\$1,119.00	\$408,435.00
950	804-C002	S	1,193	LF	100' Prestressed Concrete Beam, Type IV	\$251.50	\$300,039.50	\$285.00	\$340,005.00
960	804-C026	S	7,215	LF	110' Prestressed Concrete Beam, Type IV	\$243.50	\$1,756,852.50	\$285.00	\$2,056,275.00
970	805-A001	S	604,975	LBS	Reinforcement	\$1.70	\$1,028,457.50	\$2.00	\$1,209,950.00
980	813-A002	S	2,830	LF	Concrete Railing, 32"	\$62.50	\$176,875.00	\$58.00	\$164,140.00
990	815-A007	S	1,745	TON	Loose Riprap, Size 300	\$80.50	\$140,472.50	\$100.00	\$174,500.00
1000	815-D001	S	129	CY	Concrete Slope Paving	\$765.50	\$98,749.50	\$1,500.00	\$193,500.00
1010	815-E001	S	1,588	SY	Geotextile under Riprap	\$3.00	\$4,764.00	\$6.00	\$9,528.00
Total Bid Amount \$22,738,264.00							\$27,320,611.33		

I certify this to be a true and accurate tabulation of the bids received by the Madison County Board of Supervisors by 10:00 AM on Tuesday, February 7, 2023 and opened and read aloud at the Madison County Chancery Clerk's Office.

Brad Engels, PE

Stantec



# MADISON COUNTY BOARD OF SUPERVISORS

125 West North Street • Post Office Box 608 Canton, Mississippi 49046 601-855-5500 • Facsimile 601-855-5759

www.madison-co.com

February 21, 2023

Mr. Josh Tillery, P.E. District 5 LPA Engineer Mississippi Department of Transportation 7759 Highway 80 Newton, MS 39345

Re:

Reunion Parkway Phase 3 Project

Project Number STP-6988-00(003)LPA/106992-701000

Madison County, Mississippi

Dear Mr. Tillery:

This letter shall serve as Madison County's request for MDOT authorization to award the contract for the referenced project.

Sealed bids were received by Madison County on February 7, 2023, for the construction of the referenced project. As indicated by the enclosed certified bid tabulation, two (2) sealed bids from the following construction companies were opened and read aloud:

Hemphill Construction Company, Inc.

\$22,738,264.00

Key, LLC

\$27,320,611.33

The lowest bid was submitted by **Hemphill Construction Company, Inc.** for a total bid amount of **\$22,738,264.00**. This bid is approximately 131% of the Engineers Estimate of \$17,409,956.00. We contribute this increase to a significant increase in the cost of materials over the past year causing the unit prices to be higher. We have reviewed the bids and found them to be in order and request authorization from MDOT to award the referenced project to **Hemphill Construction Company, Inc.** 

The officials employed by the LPA that will be authorized to sign estimates are the Project Director (Gerald Steen), the Project Manager (Tim Bryan, P.E.) and the County Administrator (Greg Higginbotham). The LPA's Registered Professional Engineer, Safety Officer and Certified Stormwater Inspector assigned to this project is Brad Engels with Stantec Consulting Services Inc. All Sampling and Testing for this project will be handled by Burns Cooley Dennis, Inc.

Sincerely,

**Madison County Board of Supervisors** 

Stantec Consulting Services Inc.

Gerald Steen

President, Madison County Board of Supervisors

Brad Engels, P.E.

Tim Bryan, PE, Madison County Engineer

Greg Higginbotham, Madison County Administrator

#### Checklist to award project to the lowest bidder

If the LPA recommendation is to award the project to the lowest bidder, the following initialed items must be submitted to the MDOT District LPA Engineer.

- 1. Cone (1) original of Non-Collusion Affidavit for the recommended bidder.

  a. This cannot be printed on the front and back
- 2. BE One (1) original Bidding Statement from the LPA's Consultant stating that the bidding procedures were performed in accordance with State law.
- 3. LE Two (2) original signed certified Bid Tabulations for all bidders, including the LPA's construction estimate.
- 4. Real A detailed evaluation of bids and recommendation to award the bids subject to authorization by MDOT. The LPA and its professional must sign this document. An example can be found here.
- 5. **BE** One (1) copy of the **entire** Section 905 Proposal bid sheets for the recommended bidder including the DBE commitment.
- 6. **BE** One (1) legible copy of the OCR-481-LPA(s) to be completed by the successful bidder according to the instructions on the form. This form must be approved, signed and dated by the LPA and included in the data packet submission to MDOT. An Example of the supporting documentation can be found here. The form shall be stamped or dated to verify it was received within the required 3 days.
- 7. **BE** One (1) copy of the completed original OCR-485-LPA(s) from all bidders on the project.
- 8. BE One (1) copy of the Sworn Proof of Publication.
- A copy of the executed contract between the LPA and the LPA's CE&I Engineer/Architect.
- 10. **E** The name of the **Traffic Control Supervisor** (if required by the **MDOT** District LPA Engineer) assigned to the project. A copy of the certification(s) must be included. Training must meet the requirements, and training frequency set forth in section 618.01.2 (Contractors and Consultants are both required to meet these requirements).
- 11. **<u>9**</u> The name of the Certified Stormwater Inspector. A copy of the Certification by a **MDOT** approved certifying agency must be included.
- 12. 6 The names and signatures of three (3) publicly employed persons authorized to sign estimates for the LPA. One of these must be the assigned Project Director or Project Manager.
- A copy of the official Minutes of the LPA ACCEPTING THE BID OF THE 13 RECOMMENDED BIDDER AND GIVING THE CHIEF LPA OFFICIAL APPROVAL TO **EXECUTE THE CONTRACT**. These Minutes do not have to be APPROVED prior to
- 14. BE A copy of the completed contractor's UEI form.

with all supporting backup documentation Reimbursement checklist can be found If allowed, P.E. Reimbursement will be au approved by FHWA. P.E. Reimbursement	lenial must accompany the PS&E package along for MDOT review. A Preliminary Engineering dhere detailing required items for approval. Ithorized at the same time project funds are cannot be requested after a project has been services during the receiving, checking, and
	12
Chief LPA Official	LPA Professional