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# ADDENDUM NO. 1 Friday, July 16, 2021

# **RIPARIAN TRAIL PHASE 2**

This addendum is to provide additional information not originally included in the bid package. This addendum is hereby made a part of the Invitation to Bid.

<u>Please attach this addendum to the documents in your possession, and confirm</u> receipt of Addendum No. 1 in your proposal.

## REVISION #1: JSP J – Pedestrian Bridges

The following manufacturers have submitted and been approved as an equal for pedestrian bridges on the project.

- Pioneer Bridge
- Wheeler Bridge
- Bridge Brothers

These bridge manufacturers shall submit the same required documents as described and the bridges must be of a similar style to the one specified in the contract documents.

#### REVISION #2: Earthwork Quantities

The bid form has been revised to update the quantities and to add a pay item for borrow material and compacting in place. The previously provided earthwork quantities have been slightly updated and are as follows.

203-10.00	CLASS A EXCAVATION	1,606 CY
203-55.00	EMBANKMENT IN PLACE	1,680 CY
203-60.00	COMPACTING EMBANKMENT	1,393 CY

The following sheets have been revised and are included in this addendum: Itemized Bid Form – Project Manual Sheet 12 – 13 Plan Sheet 3 – Quantities

## REVISION #3: Aggregate Base Quantity

The bid form has been updated to reduce the quantity of aggregate base on the project due to an error in the quantity on the current form. The new quantity is as follows:

304-05-06 TYPE 5 AGGREGATE FOR BASE (6 INCH THICK) 4,631 SY

The following sheets have been revised and are included in this addendum: Itemized Bid Form – Project Manual Sheet 12 – 13

## CLARIFICATION #4: Crossings at Bridge Locations

No low water crossings will be allowed within the streams or channels where the bridges are to be constructed due to U.S. Army Corps of Engineers Regulations and a Conservation Easement on the properties.

## CLARIFICATION #5: Limits of Disturbance

The limits of disturbance for the project should be kept within the shown grading limits to the maximum extent practicable. The trail alignment is within an established conservation easement and the disturbance needs to be kept to a minimum. If additional disturbance or access locations are needed those need to be kept to the uphill side of the trail and away from the creek.

#### CLARIFICATION #6: Standards

There is a discrepancy between the plans and project manual on the standard specifications that should be used on the project. The standards to be used should be MoDOT's "Missouri Standard Specifications for Highway Construction" of the latest edition.

**ITEMIZED BID**: The bidder should complete the following section in accordance with Sec 102.7. The bidder proposes to furnish all labor, materials, equipment, services, etc. required for the performance and completion of the work, as follows:

# RIPARIAN TRAIL PHASE 2 IMPROVEMENTS BID FORM

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENSION
TRAIL ITEMS			L		
201-20.10	CLEARING AND GRUBBING	ACRE	3.0		
201-20.22	TREE REMOVAL 6"-15"	EA	45		
201-20.23	TREE REMOVAL 15" AND ABOVE	EA	12		
202-20.10	REMOVAL OF IMPROVEMENTS	LS	1		
203-10.00	CLASS A EXCAVATION	CY	1606		
203-55-00	EMBANKMENT IN PLACE	CY	1680		
203-60.00	COMPACTING EMBANKMENT	CY	1393		
304-05.06	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	SY	4361		
310-50.02	GRAVEL (A) OR CRUSHED STONE (B)	TONS	101		
401-12.09	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)	TONS	856		
407-10.05	TACK COAT	GAL	25		
604-14.04	AREA INLET (4 SIDES OPEN)	EA	1		
604-20.10	ADJUST TO GRADE (SEWER MANHOLE)	EA	5		
608-40.24	SIDEWALK HAND RAILING WITH BALLUSTERS	LF	779		
611-30.10	FURNISHING AND PLACING TYPE 2 ROCK BLANKET	SY	3		
618-10.00	MOBILIZATION	LS	1		
627-40.00	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1		
720-10.00	MECHANICALLY STABILIZED EARTH WALL SYSTEMS	SF	4464		
726-10.12	12 IN. PIPE GROUP A	LF	12		
726-10.24	24 IN. PIPE GROUP A	LF	80		
732-06.12a	12 IN. OR ALL SUB. GROUP A FLARED END SECTION	EA	1		
805-10.00	SEEDING – COOL SEASON MIXTURES	ACRE	1		
806-10.17	TEMPORARY SEEDING AND MULCHING	ACRE	1		
806-10.19	SILT FENCE	LF	5722		
			TRAIL ITEMS	- SUBTOTAL	
BRIDGE ITEM	S				
	CLASS 1 EXCAVATION	CY	70		

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CAST-IN-PLACE CONCRETE ABUTMENTS	CY	24	
PREFABRICATED WEATHERING STEEL PEDESTRIAN TRUSS BRIDGE 8'X50'	EA	1	
PREFABRICATED WEATHERING STEEL PEDESTRIAN TRUSS BRIDGE 8'X40'	EA	1	
PLACEMENT AND INSTALLATION OF PREFAB TRUSSES	EA	2	
CONCRETE FLOOR DECK	SY	80	
	B	RIDGE ITEMS	- SUBTOTAL

Total Bid (BASE BID) (Numbers):

Total Bid (BASE BID) (Written):

# ACCEPTANCE FOR PROVISION FOR ASPHALT CEMENT PRICE INDEX:

Bidders have the option to accept the provision for Asphalt Cement Price Index in accordance with Sec. 109.15. The bidder must mark the Yes box below if they choose to accept the provision. No price adjustment will be made, due to asphalt price changes, for bidders who do not accept this provision. This provision applies only to projects that have a quantity of asphalt wet ton mix pay items or converted square yard quantity over 1,000 tons.

 $\Box$ 

Yes

D No

		PAV	'EMENT & BA	SE	
	STATION	Contract of the second second second	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BP-1)	6" TYPE 5 AGGREGATE BASE	6" GRAVEL (A)
SHEET NO.	BEGIN	END	(TON)	(SY)	(TON)
4	0+00	7+41	132.2	814.2	
6	10+62	23+87	237.6	1463.4	
9	24+32	34+89	191.7	1180.8	
11	36+13	39+08	59.1	364.0	
12	39+58	46+70	131.3	808.7	
13			104.1		101.2
		TOTAL	855.9	4631.0	101.2

		CI ACC A	COMPACTING	EMBANKMENT
		CLASS A	그는 가슴 물질 것이 많은 것이 가지 않는 것을 가지 않는 것이 같이 많은 것이 같이 많은 것이 같이	
STATION	STATION	EXCAVATION	EMBANKMENT	IN PLACE
BEGIN	END	(CY)	(CY)	(CY)
0+00.00	7+41.18	265	265	866
10+70.26	23+87.19	345	345	684
24+31.76	34+89.04	692	692	130
36+13.35	39+07.91	165	27	
39+57.91	46+70.04	140	64	
	TOTAL	1606	1393	1680

	TRE	E CLEARI	[ NG
SHEET ND.	SIDE	TREE REMOVAL 6"-15" (EACH)	TREE REMOVAL OVER 15" (EACH)
4	RT	2	
7	LT/RT	21	5
8	LT/RT	12	5
9	LT/RT	6	1
10	LT/RT	4	1
	TOTAL	45	12

				DRAIN	NAGE STR	UCTURES		
SHEET NO.	STATION BEGIN	STATION	SIDE	AREA INLET, SINGLE, OPEN 4 SIDES EA	12 IN. PIPE GROUP A LF	24 IN. PIPE GROUP A LF	12 IN. GROUP A FLARED END SECTION EA	FURNISHING AND PLACING TYPE 2 ROCK BLANKET SY
13	45+28	45+36	LT/RT			80		
13	46+80	46+93	RT	1	12		1	3
		TOTALS		1	12	80	1	3

SHEET	STATION	STATION	SIDE	MSE WALL SYSTEM
NO.	BEGIN	END		(S.F.)
4	0+25.00	2+50.00	LT	1555
5	6+05.00	7+25.00	RT	645
8	22+80.00	23+87.19	LT	525
9	24+31.76	25+34.04	LT	458
9	26+30.00	27+80.00	RT	321
10	29+35.00	30+55.00	RT	304
10	30+75.00	31+60.00	LT	334
11	33+30.00	33+90.00	LT	201
12	38+35.00	38+95.00	LT	121

CLE	ARING	AND G	RUBBING
STATION BEGIN	STATION	SIDE	TREE CLEARING (ACRES)
02+04.91	04+17.93	LT/RT	0.01
15+31.06	23+22.51	LT/RT	2.64
25+19.93	30+53.87	LT/RT	0.32
39+88.50	41+40.85	LT/RT	0.06
		TOTAL	2.97

FENCE							
SHEET NO.	STATION	STATION END	SIDE	SIDEWALK HANDRAIL WITH BALLUSTERS (L.F.)			
4	00+25	02+50	LT	225			
5	06+05	07+25	LT	120			
8	22+80	23+87	LT	107			
9	24+32	25+34	LT	102			
10	30+75	31+60	LT	85			
11	32+50	33+90	LT	140			
	TOTAL			779			



MOBILIZATION 1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING 1 LUMP SUM