Ivins City Staff Report
City Council Meeting 7/7/2022

Agenda Item: Approve Federal Aid Agreement Modification #3 and approve the commitment of additional funds for the Old Highway 91 Widening Project

Submitted by: Charles R. Gillette, P.E., City Engineer

Recommended City Council Action:
The City approves Federal Aid Agreement Modification #3 and approves the commitment of an additional $2,092,000 of additional funding for the Old Highway 91 Widening/Trail Extension.

BACKGROUND:
The City Council has been kept informed on the status of the Old Highway 91 Project and the huge impact of inflationary escalation of the cost of the project. Ivins City needs to commit the additional funds necessary to bid the project out starting advertising of the bid next month.

FINDINGS AND ANALYSIS:
The most recent Engineer's Estimate is as follows:

Item	Cost	Notes
Design Engineering	$565,000	90% complete
Right-of-Way	$710,000	Paid by COG
Construction Cost	6,929,000	Includes 10% contingency and $50,000 of construction incentives
Utility Adjustments	$160,000	To adjust St. George Power Poles to the Design
Construction Engineering Services	$525,000	
Total	$8,889,000	

Available Funding is as follows:

- Dixie Metropolitan Planning Organization: $3,562,000
- UDOT (TAP and TTIFF): $809,000
- Council of Governments (COG): $710,000
- Total Funds (not Ivins): $5,081,000

- Remaining amount to be covered by Ivins City: $3,808,000

Ivins City had already committed $1,716,000 to the project in 2021. This action would increase the city's commitment by $2,092,000.

SUPPORT MATERIALS:

- Federal Aid Agreement Modification #3
- Engineering Estimate

FINANCIAL IMPACT:

The approved budget is based on the following commitment:

- $1,050,000 Street Impact Fee Fund, GL 44-4071.0
- $50,000 Street General Funds Transfer, GL 44-4071.0
- $600,000 Trail Funds, GL 44-4069.9
- $1,750,000 Capital Funds, GL 44-4071.0

- Total Budgeted Amount: $3,450,000
- An additional $358,000 needs to be committed above and beyond the approved budget to the project to proceed with the Bid.

Please note that the City has received a $2,000,000 earmark for Old Highway 91 but this money cannot be used until October of 2023. The plan is to use the money to fund next phase of the project.

Respectfully Submitted:

Charles R. Gillette, P.E., City Engineer

Content Review:

Dale Coulam, City Manager

State of Utah
Department of Transportation

Federal Aid Agreement Supplement for Local Agency Project CFDA No. 20.205	Ivins City - Charles Gillette	Maximum Project Value Authorized $5,551,512
PIN Number 16707 FINET Number 55236 FMIS Number F013954 DUNS Number 067375688	Project Number F-3184(10)4 PIN Description Old Hwy 91; 200 E. to Shivwits	Agreement Number (Original Agreement No.) 208933 Mod No. 3 Date Executed

The Local Agency(ies) desires to supplement the agreement entered into and executed on 7/26/2021. All provisions in the basic agreement remain in effect except as expressly modified by this supplement. The changes to the agreement are described as follows:

Updated funding for this Federal Aid Agreement Mod #3:

State Wide Transportation Improvement Program STIP 2022 - 2025

Fund	Prior	2022	2023	2024	2025	Total	Fed Aid	State	Other	Pct
LOCAL_GOVT	$89,108	$832,323	$0	$0	$0	$921,431	$0	$0	$921,431	100.00%
STP_HIF_SU	$426,500	$6,100	$0	$0	$0	$432,600	$403,313	$0	$29,287	6.77%
STP_SU_DMPO	$230,892	$2,953,792	$0	$0	$0	$3,184,684	$2,969,081	$0	$215,603	6.77%
ST_PVMT	$28,109	$471,891	$0	$0	$0	$500,000	$0	$500,000	$0	.00%
ST_TIF_HB433	$0	$0	$0	$0	$0	$0	$0	$0	$0	.00%
ST_TTIF	$0	$309,000	$0	$0	$0	$309,000	$0	$309,000	$0	.00%
TAP_SU_DMPO	$0	$203,797	$0	$0	$0	$203,797	$190,000	$0	$13,797	6.77%
Total:	$774,609	$4,776,903	$0	$0	$0	$5,551,512	$3,562,394	$809,000	$1,180,118	21.26%

Funding from Federal Aid Agreement Mod #2:

State Wide Transportation Improvement Program STIP 2021 - 2024

Fund	Prior	2021	2022	2023	2024	Total	Fed Aid	State	Other	Pct
LOCAL_GOVT	$0	$89,108	$832,323	$0	$0	$921,431	$0	$0	$921,431	100.00%
STP_HIF_SU	$0	$432,600	$0	$0	$0	$432,600	$403,313	$0	$29,287	6.77%
STP_SU_DMPO	$160,892	$230,892	$1,024,922	$0	$0	$1,416,707	$1,320,796	$0	$95,911	6.77%
ST_PVMT	$0	$500,000	$0	$0	$0	$500,000	$0	$500,000	$0	.00%
ST_TIF_HB433	$0	$0	$1,767,977	$0	$0	$1,767,977	$0	$1,767,977	$0	.00%
ST_TTIF	$0	$309,000	$0	$0	$0	$309,000	$0	$309,000	$0	.00%
TAP_SU_DMPO	$0	$190,000	$0	$0	$0	$190,000	$177,137	$0	$12,863	6.77%
Total:	$160,892	$1,751,600	$3,625,222	$0	$0	$5,537,715	$1,901,246	$2,576,977	$1,059,492	19.13%

Upon signing this agreement, the Local Agency(ies) agrees to pay its estimated matching share in phases when requested by UDOT. Phases typically include environmental, design, right-of-way and construction. The local match for this project is represented by the percentages of the Total Project Value shown above. In addition, the Local Agency(ies) agrees to pay 100% of the overruns that exceed $5,551,512 and any ineligible costs when requested by UDOT.

UDOT will request payment of matching shares and overruns through an email that will be sent to Charles Gillette at CGILLETTE@IVINS.COM, Local Agency(ies) Contact. The Local Agency(ies) shall pay within 30 days after each payment request. The Local Agency(ies) shall make the check payable to the Utah Department of Transportation referencing the project number above and mail to UDOT Comptroller's Office, Box 141510, 4501 South 2700 West, Salt Lake City, Utah 84119-5998.

As part of this Federal Aid Agreement modification, the following additional requirements apply to section VI. Federal Aid Project Compliance of the original Federal Aid Agreement:

VI. Federal Aid Project Compliance. Local Agency shall comply with Title 23, USC, 23 CFR, 2 CFR Part 200, UDOT Local Government and State Aid Project Guide, UDOT's Right of Way Operational Manual and the Federal Aid Project Agreement between UDOT and Federal Highway Administration concerning federal aid projects. They will also follow the Local Government Design and Process Manuals.

Compliance with the John S. McCain National Defense Authorization Act: The Local Agency certifies conformance and continued conformance with Public Law 115-232, § 889 and 2 CFR § 200.216.

LOCAL AGENCY

By _____

Date _____
Ivins City Official

Utah Department of Transportation

By _____
Region Director

Date _____

UDOT Comptroller

By _____
Comptroller's Office

Date _____

Consultant Services
Federal Aid Agreement Review/Approval Routing Form

STATE OF UTAH
UTAH DEPARTMENT OF TRANSPORTATION
ENGINEERING SERVICES

TODAY'S DATE	6/24/2022
PM REQUEST DATE	6/24/2022
FEDERAL AID AGREEMENT NO.	208933
MOD NO.	3

Project No.: F-3184(10)4 **PIN No.:** 16707
PIN Description: Old Hwy 91; 200 E. to Shivwits **FINET Prog Code No.:** 55236

UDOT Project Manager	UDOT Contract Administrator
Ryan L Anderson 210 West 800 South Richfield, UT 84701 (435)633-5095 rlanderson@utah.gov	Michael R. Butler (Acting as UDOT) PO Box 148490 Salt Lake City Utah 84114-8490 (801)815-4367 michaelbutler@utah.gov

Local Government
Ivins City 55 N MAIN Ivins, UT 84738 Charles Gillette, (435) 634-0689 CGILLETTE@IVINS.COM

Project Value	$5,551,512
Federal Match	$3,562,394
Local Government Match	$1,180,118
State Match	$809,000

This Federal Aid Agreement will follow the current Consultant Services electronic signature process. Please follow the email instructions for processing the Federal Aid Agreement. If legal reviews are required by your entity, the contract will still need to ultimately follow the electronic signature process.

Engineer's Estimate Report
Utah Department of Transportation

PIN:	16707	**Project Manager:**	Christopher Hall
Project Number:	F-3184(10)4	**Resident Engineer:**	
Project Name:	Old Hwy 91; 200 E. to Shivwits	**Designed By:**	Nick Bjorkman
Concept:	Widen Existing Facility	**Checked By:**	Civil Science
County:	Washington County	**Status:**	PS & E
Region:	Region 4	**Delivery Method:**	Design Bid Build
Location:	Cnty:FA-3184; MP 3.54 - 6.64	**Estimate Number:**	EE-16707-003
Bike Lane (mi):	0.00		

Paved Surface Type	Quantity(sq. ft.)
Micro Surface	0
1 1/2" Treatments (HMA & SMA)	0
2" Treatments (HMA & SMA)	0
Rehabilitation - unspecified	0
Major Rehabilitation - unspecified	0
Reconstruct - unspecified	0
Concrete Repair with Grind	0

Paved Surface Type	Quantity(sq. ft.)
Chip seal	0
1" Treatments (BWC & OGSC)	0
Preservation - unspecified	0
3" Treatments (HMA)	0
4" Treatments (HMA)	0
> 4" Treatments (HMA)	0
Concrete Repair	0
New PCC	0

Engineer's Estimates are UDOT Confidential until the Project is awarded and should be kept within the limits of the project team until such time

	Base Bid Items						
Container	**Description**						
	Line No.	**Item No.**	**Item Name**	**Quantity**	**Unit**	**Unit Price**	**Amount**
10 - ROADWAY	Base						
	1	00830701U	On the Job Training	600	Hour	$10.00	$6,000.00
	2	015017010	Mobilization	1	Lump	$345,000.00	$345,000.00
	3	01554700*	Traffic Control	1	Lump	$330,000.00	$330,000.00
	4	01571702P	Check Dam - Fiber Roll	100	Each	$100.00	$10,000.00
	5	015717030	Silt Fence	14136	ft	$2.50	$35,340.00

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Utah Department of Transportation

PIN: 16707

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	Base Bid Items						
Container	**Description**						
	Line No.	**Item No.**	**Item Name**	**Quantity**	**Unit**	**Unit Price**	**Amount**
10 - ROADWAY	Base						
	6	01571707P	Drop-Inlet Barrier - Fiber Roll	32	Each	$250.00	$8,000.00
	7	015717130	Stabilized Construction Entrance	2	Each	$2,500.00	$5,000.00
	8	017217010	Survey	1	Lump	$45,000.00	$45,000.00
	9	018927010	Reconstruct Catch Basin	4	Each	$2,700.00	$10,800.00
	10	018927030	Reconstruct Meter Box	1	Each	$800.00	$800.00
	11	018927040	Reconstruct Valve Box	22	Each	$700.00	$15,400.00
	12	018927050	Reconstruct Manhole	32	Each	$1,200.00	$38,400.00
	13	01893701*	Reconstruct Fire Hydrant	1	Each	$1,000.00	$1,000.00
	14	02056701*	Granular Borrow (Plan Quantity)	14260	cu yd	$26.00	$370,760.00
	15	02216700*	Test Hole - Utility (Contingent Item)	25	Each	$800.00	$20,000.00
	16	022217030	Remove Catch Basin	4	Each	$1,000.00	$4,000.00
	17	022217050	Remove Tree	2	Each	$700.00	$1,400.00
	18	022217056	Remove Concrete Headwall 18 inch - 36 inch Pipe	7	Each	$1,500.00	$10,500.00
	19	022217080	Remove Fence	8700	ft	$1.50	$13,050.00
	20	02221708P	Salvage and Relocate Gate	1	Each	$500.00	$500.00
	21	022217095	Remove Pipe	381	ft	$25.00	$9,525.00
	22	02221709P	Remove Junction Box	1	Each	$1,000.00	$1,000.00
	23	02221714P	Remove Raised Island	62	ft	$50.00	$3,100.00
	24	022217165	Remove Asphalt Pavement	2636	sq yd	$12.00	$31,632.00
	25	023167020	Roadway Excavation (Plan Quantity)	38092	cu yd	$11.00	$419,012.00
	26	023187010	Small Ditch Excavation (Plan Quantity)	5	cu yd	$100.00	$500.00
	27	02612701*	12 Inch Sewer Line	480	ft	$176.00	$84,480.00

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	Base Bid Items						
Container	**Description**						
	Line No.	**Item No.**	**Item Name**	**Quantity**	**Unit**	**Unit Price**	**Amount**
10 - ROADWAY	**Base**						
	28	02621702*	12 Inch Existing Sewer Manhole Tie-In	1	Each	$5,000.00	$5,000.00
	29	02633702P	5 Foot Dia. Sewer Manhole	3	Each	$11,200.00	$33,600.00
	30	027217020	Untreated Base Course (Plan Quantity)	13796	cu yd	$34.00	$469,064.00
	31	02726700*	Gravel Access	3	Each	$800.00	$2,400.00
	32	02737701*	Asphalt Pavement Soft Spot Repair (Contingent Item)	151	Ton	$130.00	$19,630.00
	33	02737702*	UTBC Soft Spot Repair (Contingent Item)	62	cu yd	$60.00	$3,720.00
	34	02737703*	Borrow Soft Spot Repair (Contingent Item)	170	cu yd	$70.00	$11,900.00
	35	02741705*	HMA - 1/2 inch	13050	Ton	$91.50	$1,194,075.00
	36	02743704P	HMA - Bike / Ped Path	2774	Ton	$105.75	$293,350.50
	37	027487020	Emulsified Asphalt (Tack)	42	Ton	$640.00	$26,880.00
	38	02771705P	Bicycle Access Ramp	5	Each	$4,000.00	$20,000.00
	39	02771706P	Splitter Island Pedestrian Access Ramp	8	Each	$3,500.00	$28,000.00
	40	02771707P	Perpendicular/Parallel Pedestrian Access Ramp	25	Each	$3,100.00	$77,500.00
	41	027767007	Concrete Curb Type B4	517	ft	$36.00	$18,612.00
	42	027767010	Concrete Sidewalk	845	sq ft	$5.75	$4,858.75
	43	027767017	Concrete Curb Type B5	1973	ft	$18.00	$35,514.00
	44	02776701P	Concrete Curb and Gutter - Mountable	697	ft	$25.00	$17,425.00
	45	027767025	Concrete Curb and Gutter Type B1	2531	ft	$19.55	$49,481.05
	46	02776705P	Concrete Flatwork, 7 inch thick (Apron)	8271	sq ft	$9.00	$74,439.00
	47	02776706P	Concrete Flatwork, 8 inch thick	5470	sq ft	$10.00	$54,700.00
	48	02777700*	Reconstruct Raised Island	18	ft	$875.00	$15,750.00

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	Base Bid Items						
Container	**Description**						
	Line No.	**Item No.**	**Item Name**	**Quantity**	**Unit**	**Unit Price**	**Amount**
10 - ROADWAY	Base						
	49	028227010	Right-of-Way Fence, Type A (Metal Post)	6859	ft	$9.00	$61,731.00
	50	028227105	Right-of-Way Brace Post	45	Each	$400.00	$18,000.00
	51	02831700*	Landscape Wall 1 (Flat Faced Sandstone) (Est. Lump Qty: 1505 sq Ft)	1	Lump	$45,150.00	$45,150.00
	52	02831702*	Landscape Wall 2 (Flat Faced Sandstone) (Est. Lump Qty: 438 sq ft)	1	Lump	$13,140.00	$13,140.00
	53	02831703*	Landscape Wall 3 (Flat Faced Sandstone) (Est. Lump Qty: 635 sq ft)	1	Lump	$19,050.00	$19,050.00
	54	02871704*	Landscape Wall 4 (Flat Faced Sandstone) (Est. Lump Qty: 1074 sq ft)	1	Lump	$32,220.00	$32,220.00
	55	029617020	Rotomilling - 1 Inch	20624	sq yd	$1.30	$26,811.20
	56	032117010	Reinforcing Steel - Coated (Plan Quantity)	2536	Lb	$4.00	$10,144.00
10 - ROADWAY	Base - Drainage						
	57	02373701P	Salvage and Place RipRap	159	cu yd	$75.00	$11,925.00
	58	02373702P	Loose Riprap (Plan Quantity)	40	cu yd	$150.00	$6,000.00
	59	02373703P	Compacted Riprap (Plan Quantity)	13	cu yd	$150.00	$1,950.00
	60	02610731*	Drainage Pipe - 12 inch, Smooth, Leak-Resistant	42	ft	$195.00	$8,190.00
	61	02610732*	Drainage Pipe - 18 inch, Smooth, Leak-Resistant	1128	ft	$135.00	$152,280.00
	62	02610733*	Drainage Pipe - 30 inch, Smooth, Leak-Resistant	990	ft	$150.00	$148,500.00
	63	02610734*	Drainage Pipe - 36 inch, Smooth, Leak-Resistant	1487	ft	$165.00	$245,355.00
	64	02610735*	Drainage Pipe - 48 inch, Smooth, Leak-Resistant	18	ft	$350.00	$6,300.00

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	Base Bid Items						
Container	**Description**						
	Line No.	**Item No.**	**Item Name**	**Quantity**	**Unit**	**Unit Price**	**Amount**
10 - ROADWAY	Base - Drainage						
	65	026137030	Circular End Section 18 inch	9	Each	$1,150.00	$10,350.00
	66	02613707P	Circular End Section 48 inch	1	Each	$2,850.00	$2,850.00
	67	02633701P	Concrete Drainage Structure 4 ft Wide x 3 ft to 5 ft Deep - CB 5	14	Each	$6,200.00	$86,800.00
	68	02633702P	Concrete Drainage Structure 4 ft Wide x 5 ft to 7 ft Deep - CB 5	12	Each	$7,200.00	$86,400.00
	69	02633703P	5 Foot Standard Manhole 11 ft to 13 ft Deep - CB 11	2	Each	$9,200.00	$18,400.00
	70	026337060	5 Foot Standard Manhole 3 ft to 5 ft Deep - CB 11	1	Each	$5,400.00	$5,400.00
	71	02633706P	Concrete Drainage Structure 5 ft Wide X 5 ft to 7 ft Deep - CB 5	2	Each	$6,000.00	$12,000.00
	72	026337070	5 Foot Standard Manhole 7 ft to 9 ft Deep - CB 11	2	Each	$6,500.00	$13,000.00
	73	026337075	5 Foot Standard Manhole 9 ft to 11 ft Deep - CB 11	4	Each	$7,000.00	$28,000.00
	74	02633707P	Concrete Drainage Structure 5 ft Wide X 7 ft to 9 ft Deep - CB 5	3	Each	$6,500.00	$19,500.00
	75	02633708P	6 Foot Standard Manhole 15 ft to 17 ft Deep - CB 11	1	Each	$15,000.00	$15,000.00
	76	02633741P	Double Catch Basin 3 ft to 5 ft Deep - CB 8	1	Each	$7,300.00	$7,300.00
30 - LANDSCAPING	Base						
	77	02906700*	Landscape Restoration	1	Lump	$25,000.00	$25,000.00
	78	02911701P	HECP Type 1 (Plan Quantity)	14	Acre	$1,400.00	$19,600.00
	79	02911703P	HECP Type 3 (Plan Quantity)	2	Acre	$3,600.00	$7,200.00
	80	029127050	Strip, Stockpile, and Spread Topsoil (Plan Quantity)	89977	sq yd	$0.65	$58,485.05
	81	02922701P	Drill Seed (Plan Quantity)	14	Acre	$1,200.00	$16,800.00

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	Base Bid Items						
Container	**Description**						
	Line No.	**Item No.**	**Item Name**	**Quantity**	**Unit**	**Unit Price**	**Amount**
30 - LANDSCAPING	Base						
	82	02922703P	Broadcast Seed (Plan Quantity)	2	Acre	$1,000.00	$2,000.00
40 - SIGNING	Base						
	83	027657020	Pavement Message Paint	211	Each	$75.00	$15,825.00
	84	027657050	Pavement Marking Paint	387	gal	$40.00	$15,480.00
	85	027657075	Pavement Marking Paint (Stop Line, Crosswalk-12 inch)	1277	ft	$10.00	$12,770.00
	86	02891701*	Sign Type A-1, 24 inch X 8 inch	4	Each	$75.00	$300.00
	87	02891702*	Sign Type A-1, 24 inch X 18 inch	13	Each	$80.00	$1,040.00
	88	02891703*	Sign Type A-1, 24 inch X 30 inch	7	Each	$130.00	$910.00
	89	02891704*	Sign Type A-1, 30 inch X 18 inch	16	Each	$100.00	$1,600.00
	90	02891705*	Sign Type A-1, 30 inch X 24 inch	8	Each	$130.00	$1,040.00
	91	02891706*	Sign Type A-1, 30 inch X 36 inch	3	Each	$205.00	$615.00
	92	02891707*	Sign Type A-1, 36 inch X 30 inch	3	Each	$205.00	$615.00
	93	02891708*	Sign Type A-1, 72 inch X 36 inch	1	Each	$300.00	$300.00
	94	02891709*	Sign Type A-1, 30 inch X 30 inch	8	Each	$200.00	$1,600.00
	95	02891710*	Sign Type A-1, 36 inch X 36 inch	28	Each	$245.00	$6,860.00
	96	02891711*	Sign Type A-2, 60 inch x 18 inch	2	Each	$195.00	$390.00
	97	02891712*	Sign Type A-1, 72 inch X 18 inch	2	Each	$480.00	$960.00
	98	02891713*	Sign Type A-2, 36 inch X 36 inch X 36 inch	12	Each	$185.00	$2,220.00
	99	02891714*	Sign Type A-2, 66 inch x 18 inch	4	Each	$200.00	$800.00
	100	028917270	Remove Sign Less Than 20 Square Feet	17	Each	$220.00	$3,740.00
	101	028917285	Relocate Sign Less Than 20 Square Feet	7	Each	$130.00	$910.00
	102	02891728P	Relocate Destination Sign	1	Each	$1,250.00	$1,250.00

Engineer's Estimate Report
Utah Department of Transportation

PIN: 16707

Project Number: F-3184(10)4

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	Base Bid Items						
Container	**Description**						
	Line No.	**Item No.**	**Item Name**	**Quantity**	**Unit**	**Unit Price**	**Amount**
40 - SIGNING	Base						
	103	02891744*	2 Inch Sign Post	98	Each	$80.00	$7,840.00
	104	02891745*	2 1/2 Inch Square Anchor	98	Each	$75.00	$7,350.00
60 - LIGHTING	Base						
	105	16527700*	Lighting System Old Hwy 91 & 400 West	1	Lump	$47,000.00	$47,000.00
	106	16527702*	Lighting System Old Hwy 91 & Kwavasa Drive	1	Lump	$47,000.00	$47,000.00
70 - ATMS	Base						
	107	135537015	One 2-Inch Conduit	15956	ft	$16.00	$255,296.00
	108	13553702P	One 6-Inch Conduit	1030	ft	$22.00	$22,660.00
	109	135537035	1D Conduit	16508	ft	$14.00	$231,112.00
	110	135547030	Polymer Concrete Junction Box, Tier 22, Type II	14	Each	$2,100.00	$29,400.00
	111	13554703P	Polymer Concrete Junction Box, Tier 22, Type A	25	Each	$1,500.00	$37,500.00
	112	135547040	Polymer Concrete Junction Box, Tier 22, Type III	17	Each	$2,500.00	$42,500.00
180 - TIME AND/OR LANE RENTAL	Base						
	113	00221700*	Contract Time	150	Cal d	$2,130.00	$319,500.00
					Base Bid Items Sub Total		$6,633,312.55

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	Base Non Bid Items						
Container	**Description**						
	Line No.	**Item No.**	**Item Name**	**Quantity**	**Unit**	**Unit Price**	**Amount**
77 - MISC NON-BID: UDOT CONTINGENCY FUND	Base						
	114	00007277*	UDOT Contingency Fund	1	Lump	$650,000.00	$650,000.00
	115	00007278*	UDOT RE Contingency Fund	1	Lump	$25,000.00	$25,000.00
79 - NON BID: INCENTIVES	Base						
	116	00007601*	Pavement Smoothness Incentive	1	Lump	$15,000.00	$15,000.00
	117	00007602*	Hot Mix Asphalt (HMA) Incentive	1	Lump	$35,000.00	$35,000.00
95 - CONSTRUCTION ENGINEERING	Base						
	118	00007910*	In-House	1	Lump	$25,000.00	$25,000.00
	119	00007911*	Consultant C.E.	1	Lump	$480,000.00	$480,000.00
	120	00007914*	Construction Public Involvement	1	Lump	$20,000.00	$20,000.00
96 - ADJUSTING UTILITIES	Base						
	121	00007002*	Saint George Power (100% Reimbursement)	1	Lump	$150,000.00	$150,000.00
	122	00007151*	Pacificorp/dba Utah Power & Light (100% Reimbursement)	1	Lump	$10,000.00	$10,000.00
97 - PRELIMINARY ENGINEERING	Base						
	123	00007201*	In-House	1	Lump	$25,000.00	$25,000.00
	124	00007202*	Consultant 1	1	Lump	$550,000.00	$550,000.00
98 - RIGHT OF WAY	Base						
	125	00007300*	Right of Way	1	Lump	$710,000.00	$710,000.00
						Base Non Bid Items Sub Total	$2,695,000.00

Container Summary

Bid		
10 - ROADWAY	Base	$4,502,344.50
10 - ROADWAY	Base - Drainage	$885,500.00

PIN: 16707

Project Number: F-3184(10)4

Engineer's Estimates are UDOT Confidential until the Project is awarded and should be kept within the limits of the project team until such time

30 - LANDSCAPING	Base	$129,085.05
40 - SIGNING	Base	$84,415.00
60 - LIGHTING	Base	$94,000.00
70 - ATMS	Base	$618,468.00
180 - TIME AND/OR LANE RENTAL	Base	$319,500.00
Non-Bid		
77 - MISC NON-BID: UDOT CONTINGENCY FUND	Base	$675,000.00
79 - NON BID: INCENTIVES	Base	$50,000.00
95 - CONSTRUCTION ENGINEERING	Base	$525,000.00
96 - ADJUSTING UTILITIES	Base	$160,000.00
97 - PRELIMINARY ENGINEERING	Base	$575,000.00
98 - RIGHT OF WAY	Base	$710,000.00

Engineer's Estimate Summary

Base Bid	$6,633,312.55
Base Non Bid	$2,695,000.00
Less Base Time and/or Lane Rental	$319,500.00
Less Base Innovative Contracting	$0.00
Base Total	**$9,008,812.55**
Base Bid Total	**$6,313,812.55**
Additive Bid	$0.00
Additive Non Bid	$0.00
Less Additive Time and/or Lane Rental	$0.00
Less Additive Innovative Contracting	$0.00
Additive Total	**$0.00**
Additive Bid Total	**$0.00**
Engineer's Estimate Bid Items Total	**$6,313,812.55**