COUNCIL DECISION REQUEST

SUBJECT: Mud Springs Road Phase 1 Construction

MEETING DATE: 7-18-07

CSP ITEM: Yes ☐ No ☒ KRA#

ITEM NO.:

TENTATIVE SCHEDULE:

SUBMITTED BY: LaRon G. Garrett, Public Works

AMOUNT BUDGETED: $ 775,000

SUBMITTAL TO AGENDA
APPROVED BY TOWN MANAGER

EXPENDITURE REQUIRED: $726,897.20

CONT. FUNDING REQUIRED: $ 0

EXHIBITS (If Applicable, To Be Attached): Bid Tabulation

RECOMMENDED MOTION

I move to award the contract for construction of Mud Springs Road Phase 1 , Mud Springs Road from north of Frontier Elementary School to Granite Dells Road, to Empire Excavation Inc. and authorize the Mayor to sign all necessary contract documents.

SUMMARY OF THE BASIS FOR RECOMMENDED MOTION:

The construction of Mud Springs Road Phase 1 has been planned for several years. The project is to construct a new road consisting of one traffic lane in each direction, one bike lane in each direction, curb and gutter on both sides, and a sidewalk on the west side. Traffic control at the intersection of Mud Springs Road and Granite Dells Road will be accomplished with a roundabout. The roundabout design for a three-legged intersection will accommodate the present construction with the ability to add a fourth leg to the north when Mud Springs Road is extended to Highway 260.

On July 3, 2007 we received 5 sealed bids for this project. All bids were from acceptable contractors. The apparent low bid was from Empire Excavation Inc, a local contractor that reconstructed McLane Road from the High School to Main Street.

The bid amounts received are as follows.

Contractor	Total Bid
Empire Excavation Inc.	$726,897.00
Intermountain West	$871,606.22
Spire Engineering, LLC	$888,000.00
Hayden Building Corp	$899,729.55
Asphalt Services of AZ	$1,030,597.60

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Staff recommends awarding this project to Empire Excavation Inc. based on their bid. Actual final contract price will be determined by final quantities as measured in the field.

PROS: This project will allow an alternative access into the southeast part of town. It will also provide an additional access to Frontier Elementary School and transfer some of the traffic from Bently and Bonita to this new roadway.

CONS: There will be some inconvenience caused by the construction by the final product should be well worth the wait.

PUBLIC INPUT (if any): We have received numerous requests from the public for the construction of this roadway

BOARD/COMMITTEE/COMMISSION ACTIONS/RECOMMENDATIONS (if any) (give dates and attach minutes): This project is listed as the Number 1 priority on the Town Council and Surface Transportation Advisory Committee (STAC) list of street priorities.

MUD SPRINGS ROAD IMPROVEMENTS BID TAB 7/3/07													
				Empire		Intermountain		Spire Engineering		Hayden		Asphalt Services	
Item	Quant	Units	Description	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
A1	2.9	AC	Clearing and Gr	5500.00	15950.00	8500.00	24650.00	20000.00	58000.00	5000.00	14500.00	7995.00	23185.50
A2	1	LS	Excavation	42500.00	42500.00	133500.00	133500.00	37489.00	37489.00	109000.00	109000.00	86100.00	86100.00
A3	8970	SY	Subgrade Prep	1.75	15697.50	2.00	17940.00	4.00	35880.00	1.85	16594.50	3.14	28165.80
A4	232	SY	2" Pavement	18.00	4176.00	45.00	10440.00	25.00	5800.00	24.65	5718.80	36.96	8574.72
A5	7264	SY	3" Pavement	22.50	163440.00	24.00	174336.00	30.00	217920.00	27.30	198307.20	30.75	223368.00
A6	40	LF	Pavement Term	20.00	800.00	50.00	2000.00	15.00	600.00	6.85	274.00	14.76	590.40
A7	1	LS	Match Driveway	750.00	750.00	1500.00	1500.00	2000.00	2000.00	1000.00	1000.00	4305.00	4305.00
A8	182	SY	Compacted ABC	15.00	2730.00	7.00	1274.00	45.00	8190.00	13.00	2366.00	18.45	3357.90
A9	3294	LF	Curb and Gutter	16.00	52704.00	18.00	59292.00	11.00	36234.00	13.30	43810.20	19.68	64825.92
A10	407	LF	Single Curb	15.00	6105.00	17.00	6919.00	11.00	4477.00	24.75	10073.25	20.91	8510.37
A11	305	LF	Roll Curb	15.00	4575.00	17.00	5185.00	11.00	3355.00	24.25	7396.25	20.91	6377.55
A12	8341	SF	5' Sidewalk	4.25	35449.25	5.00	41705.00	3.50	29193.50	4.20	35032.20	6.15	51297.15
A13	1121	SF	4' Sidewalk	4.00	4484.00	5.00	5605.00	3.50	3923.50	4.75	5324.75	6.15	6894.15
A14	86	SF	Detectable Warr	25.00	2150.00	60.00	5160.00	100.00	8600.00	55.00	4730.00	79.95	6875.70
A15	6	EA	Sidewalk Ramp	3100.00	18600.00	1450.00	8700.00	3000.00	18000.00	2100.00	12600.00	4305.00	25830.00
A16	35	SY	Valley Gutter	90.00	3150.00	120.00	4200.00	175.00	6125.00	100.00	3500.00	125.46	4391.10
A17	669	SF	Driveway	15.00	10035.00	8.50	5686.50	12.00	8028.00	11.00	7359.00	12.92	8643.48
A18	152	LF	Box Culvert	560.00	85120.00	850.00	129200.00	900.00	136800.00	800.00	121600.00	246.00	37392.00
A19	42	LF	12" CMP	20.00	840.00	30.00	1260.00	20.00	840.00	77.00	3234.00	49.20	2066.40
A20	411	LF	18" CMP	25.00	10275.00	45.00	18495.00	25.00	10275.00	60.00	24660.00	55.35	22748.85
A21	2	EA	Metal End Reloc	450.00	900.00	100.00	200.00	225.00	450.00	325.00	650.00	123.00	246.00
A22	2	EA	Metal End Secti	450.00	900.00	200.00	400.00	225.00	450.00	900.00	1800.00	202.95	405.90
A23	2	EA	Headwall	6500	13000.00	1440	2880.00	8000	16000.00	7000	14000.00	4059	8118.00
A24	6	LF	Catch Basin	3800	22800.00	4300	25800.00	2000	12000.00	5000	30000.00	615	3690.00
A25	1437	SY	Pavement Remo	4	5748.00	7	10059.00	8	11496.00	8	11496.00	7.38	10605.06
A26	1	LS	Removals	15000	15000.00	15000	15000.00	9000	9000.00	3600	3600.00	43050	43050.00
A27	215	LF	Sawcut	6	1290.00	2	430.00	10	2150.00	2	430.00	6.77	1455.55
A28	136	LF	Drain Swale	35	4760.00	8	1088.00	20	2720.00	5	680.00	34.44	4683.84
A29	339	LF	Graded Channe	35	11865.00	8	2712.00	10	3390.00	3	1017.00	46.05	15610.95
A30	22	SY	6" RipRap	65	1430.00	34	748.00	90	1980.00	110	2420.00	66.42	1461.24
A31	170	SY	9" RipRap	65	11050.00	42	7140.00	70	11900.00	64	10880.00	66.42	11291.40
A32	104	SY	12" RipRap	65	6760.00	58	6032.00	80	8320.00	83	8632.00	71.34	7419.36
A33	2	EA	Adj. MH Covers	550	1100.00	850	1700.00	500	1000.00	4000	8000.00	1168.5	2337.00
A34	1	LS	Retain Sewer Li	5500	5500.00	2500	2500.00	700	700.00	1000	1000.00	6765	6765.00
A35	1	LS	Adj. Valve Cove	550	550.00	1000	1000.00	1500	1500.00	525	525.00	2460	2460.00
Subtotal					$582,183.75		$734,736.50		$714,786.00		$722,210.15		$743,099.29
B1	1664	LF	Double Yellow	0.6	998.40	0.6	998.40	1	1664.00	1.15	1913.60	4.31	7171.84
B2	3526	LF	6" Solid White	0.4	1410.40	0.42	1480.92	1	3526.00	0.85	2997.10	3.69	13010.94
B3	90	LF	8" Solid White	0.9	81.00	0.9	81.00	1	90.00	1.15	103.50	6.15	553.50

B4	1420	LF	8" Solid Yellow	0.9	1278.00	0.9	1278.00	1	1420.00	1.15	1633.00	4.92	6986.40
B5	100	LF	12" White Broke	2.25	225.00	2.4	240.00	1	100.00	1.75	175.00	12.3	1230.00
B6	87	LF	12" White Cross	3.6	313.20	3.6	313.20	1	87.00	2	174.00	12.3	1070.10
B7	64	LF	18" White Stop	4.8	307.20	4.8	307.20	2	128.00	2.95	188.80	18.45	1180.80
B8	4	EA	Zebra Crosswall	480	1920.00	480	1920.00	200	800.00	440	1760.00	615	2460.00
B9	3	EA	Yield Text	240	720.00	240	720.00	300	900.00	220	660.00	861	2583.00
B10	3	EA	Yield Triagle	360	1080.00	360	1080.00	50	150.00	150	450.00	922.5	2767.50
B11	1	EA	Stop Text	240	240.00	240	240.00	300	300.00	200	200.00	1476	1476.00
B12	6	EA	Yield Sign	325	1950.00	250	1500.00	400	2400.00	380	2280.00	461.75	2770.50
B13	3	EA	Yield Ahead Sig	325	975.00	250	750.00	400	1200.00	380	1140.00	461.75	1385.25
B14	4	EA	Ped Xing Sign	325	1300.00	325	1300.00	400	1600.00	380	1520.00	522.75	2091.00
B15	2	EA	25 MPH Sign	325	650.00	250	500.00	400	800.00	300	600.00	461.25	922.50
B16	6	EA	Right Lane Bike	300	1800.00	250	1500.00	400	2400.00	300	1800.00	461.25	2767.50
B17	4	EA	Roundabout Ahe	450	1800.00	325	1300.00	400	1600.00	455	1820.00	522.75	2091.00
B18	3	EA	Keep Right Sign	325	975.00	250	750.00	400	1200.00	300	900.00	461.25	1383.75
B19	3	EA	Exit Guide Sign	325	975.00	350	1050.00	400	1200.00	750	2250.00	492	1476.00
B20	3	EA	Advance Street	650	1950.00	350	1050.00	400	1200.00	750	2250.00	492	1476.00
B21	4	EA	One Way Sign	325	1300.00	250	1000.00	300	1200.00	225	900.00	461.25	1845.00
B22	1	EA	Stop Sign	325	325.00	250	250.00	400	400.00	380	380.00	461.25	461.25
B23	10	EA	Pref. Lane Mark	330	3300.00	330	3300.00	250	2500.00	185	1850.00	615	6150.00
B24	15	EA	Lane Dilineator	250	3750.00	50	750.00	70	1050.00	90	1350.00	61.5	922.50
B25	1	LS	Retaining Wall	21000	21000.00	30000	30000.00	25000	25000.00	50000	50000.00	73800	73800.00
B26	1	LS	Retain and Prote	4500	4500.00	500	500.00	600	600.00	2000	2000.00	7380	7380.00
B27	1	LS	Remove Trees	6500	6500.00	5000	5000.00	6000	6000.00	16000	16000.00	10455	10455.00
B28	7	EA	Survey Marker	450	3150.00	150	1050.00	400	2800.00	265	1855.00	369	2583.00
B29	3	EA	Brass Cap	1800	5400.00	200	600.00	500	1500.00	750	2250.00	307.5	922.50
B30	0			0	0.00	0	0.00	0	0.00	0	0.00		0.00
B31	1	LS	Relocate Fence	6500	6500.00	9350	9350.00	6000	6000.00	2000	2000.00	11070	11070.00
B32	1	LS	Coordinate Utilit	1500	1500.00	1000	1000.00	1000	1000.00	5600	5600.00	6150	6150.00
B33	1	LS	Coordinate APS	1500	1500.00	1000	1000.00	1000	1000.00	4800	4800.00	9840	9840.00
B34	1	LS	Remove Minor S	6500	6500.00	5000	5000.00	3000	3000.00	1500	1500.00	9225	9225.00
Subtotal					$86,173.20		$77,158.72		$74,815.00		$115,300.00		$197,657.83
C1	1	LS	Contingency	5000	5000.00	5000	5000.00	5000	5000.00	5000	5000.00	5000	5000.00
C2	700	LF	Trench	23	16100.00	12	8400.00	25	17500.00	23	16100.00	43.05	30135.00
C3	2653	LF	APS Conduits	2.25	5969.25	2	5306.00	7	18571.00	2.8	7428.40	1.23	3263.19
C4	947	LF	Qwest Conduits	6	5682.00	8	7576.00	15	14205.00	8	7576.00	12.3	11648.10
C5	739	LF	Conduits Street	16	11824.00	15	11085.00	13	9607.00	24	17736.00	49.2	36358.80
C6	2793	LF	NPG Conduits	5	13965.00	8	22344.00	12	33516.00	3	8379.00	1.23	3435.39
Subtotal					$58,540.25		$59,711.00		$98,399.00		$62,219.40		$89,840.48
Total					$726,897.20		$871,606.22		$888,000.00		$899,729.55		$1,030,597.60