APPENDIX H

Planning-Level Construction Cost Estimates

I-1 Main St & Lapwai Rd
Project No.
Key No. I-1
October 7, 2016

PRE-DESIGN

Signalized Intersection

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Traffic Signal System	LS	1	$ 300,000.00	$300,000
Pedestrian Ramps	EA	6	$ 1,500.00	$9,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$309,000***
Mobilization	%	10%	$ 30,900	$30,900
Contingency	%	15%	$ 50,985	$50,985
Construction Engineering & Inspection	%	20%	$ 78,177	$78,177
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$470,000***
Design	%	20%	$ 94,000	$94,000
Right-of-Way	LS	0	$ -	$0
TOTAL *(Rounded up to the nearest $1,000)*				***$564,000***

I-1 Main St & Lapwai Rd
Project No.
Key No. I-1
October 7, 2016

PRE-DESIGN

Roundabout

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Removal of Bituminous Surface (3" depth)	SY	5,900	$ 3.00	$17,700
Roadway Excavation (18" depth)	SY	5,900	$ 5.00	$29,500
Granular Subbase (12" depth)	SY	5,900	$ 8.00	$47,200
Base (6" depth)	SY	5,900	$ 7.00	$41,300
Asphalt Paving (3" depth)	SY	4,700	$ 13.00	$61,100
Tack Coat	SY	4,700	$ 0.15	$705
Concrete Island Work	SY	1,200	$ 150.00	$180,000
Traffic Control Items	LS	1	$ 20,000.00	$20,000
				$0
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$398,000***
Mobilization	%	10%	$ 39,800	$39,800
Contingency	%	15%	$ 65,670	$65,670
Construction Engineering & Inspection	%	20%	$ 100,694	$100,694
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$605,000***
Design	%	20%	$ 121,000	$121,000
Right-of-Way	LS	0	$ -	$0
TOTAL *(Rounded up to the nearest $1,000)*				***$726,000***

I-2 Lapwai Rd & Gun Club Rd
Project No.
Key No. I-2
October 7, 2016

PRE-DESIGN

Signalized Intersection

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Traffic Signal System	LS	1	$ 300,000.00	$300,000
Pedestrian Ramps	EA	6	$ 1,500.00	$9,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$309,000***
Mobilization	%	10%	$ 30,900	$30,900
Contingency	%	15%	$ 50,985	$50,985
Construction Engineering & Inspection	%	20%	$ 78,177	$78,177
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$470,000***
Design	%	20%	$ 94,000	$94,000
Right-of-Way	LS	0	$ -	$0
TOTAL *(Rounded up to the nearest $1,000)*				***$564,000***

I-2 Lapwai Rd & Gun Club Rd
Project No.
Key No. I-2
October 7, 2016

PRE-DESIGN

Turn Lanes on Lapwai Rd

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Roadway Excavation (18" depth)	SY	250	$ 5.00	$1,250
Granular Subbase (12" depth)	SY	250	$ 8.00	$2,000
Base (6" depth)	SY	250	$ 7.00	$1,750
Asphalt Paving (3" depth)	SY	250	$ 13.00	$3,250
Tack Coat	SY	250	$ 0.15	$38
Traffic Control Items	LS	1	$ 20,000.00	$20,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$29,000***
Mobilization	%	10%	$ 2,900	$2,900
Contingency	%	15%	$ 4,785	$4,785
Construction Engineering & Inspection	%	20%	$ 7,337	$7,337
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$45,000***
Design	%	20%	$ 9,000	$9,000
Right-of-Way	LS	1	$ 20,000	$20,000
TOTAL *(Rounded up to the nearest $1,000)*				***$74,000***

I-2 Lapwai Rd & Gun Club Rd
Project No.
Key No. I-2
October 7, 2016

PRE-DESIGN

Roundabout

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Removal of Bituminous Surface (3" depth)	SY	920	$ 3.00	$2,760
Roadway Excavation (18" depth)	SY	2,800	$ 5.00	$14,000
Granular Subbase (12" depth)	SY	2,800	$ 8.00	$22,400
Base (6" depth)	SY	2,800	$ 7.00	$19,600
Asphalt Paving (3" depth)	SY	2,140	$ 13.00	$27,820
Tack Coat	SY	2,140	$ 0.15	$321
Concrete Island Work	SY	660	$ 150.00	$99,000
Traffic Control	LS	1	$ 20,000.00	$20,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$206,000***
Mobilization	%	10%	$ 20,600	$20,600
Contingency	%	15%	$ 33,990	$33,990
Construction Engineering & Inspection	%	20%	$ 52,118	$52,118
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$313,000***
Design	%	20%	$ 62,600	$62,600
Right-of-Way	LS	0	$ 45,000	$45,000
TOTAL *(Rounded up to the nearest $1,000)*				***$421,000***

I-3 10th St & Warner Ave
Project No.
Key No. I-3
October 7, 2016

PRE-DESIGN

Add Left Turn Lane and Separator Curb

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Restriping	LS	1	$ 5,000.00	$5,000
Traffic Separator Curb	LF	150	$ 20.00	$3,000
Traffic Control Items	LS	1	$ 10,000.00	$10,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$18,000***
Mobilization	%	10%	$ 1,800	$1,800
Contingency	%	20%	$ 3,960	$3,960
Construction Engineering & Inspection	%	20%	$ 4,752	$4,752
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$29,000***
Design	%	20%	$ 5,800	$5,800
Right-of-Way	LS	0	$ -	$0
TOTAL *(Rounded up to the nearest $1,000)*				***$35,000***

I-3 10th St & Warner Ave
Project No.
Key No. I-3
October 7, 2016

PRE-DESIGN

Stop-Controlled Northwestbound & Southeastbound, Remove Existing Northeastbound Stop Sign

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Remove Existing Stop Sign	EA	1	$ 150.00	$150
Obliteration of Pavement Markings	SF	50	$ 15.00	$750
Special Pavement Markings	SF	100	$ 10.00	$1,000
Install Stop Signs	EA	2	$ 2,500.00	$5,000
Install Advance Warning Signs	EA	2	$ 2,500.00	$5,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$12,000***
Mobilization	%	10%	$ 1,200	$1,200
Contingency	%	10%	$ 1,320	$1,320
Construction Engineering & Inspection	%	20%	$ 2,904	$2,904
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$18,000***
Design	%	20%	$ 3,600	$3,600
Right-of-Way	LS	0	$ -	$0
TOTAL *(Rounded up to the nearest $1,000)*				***$22,000***

I-4 Thain Rd & 10th St
Project No.
Key No. I-4
October 7, 2016

PRE-DESIGN

ADA Pedestrian Ramps

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Reconstruct Pedestrian Ramps	EA	2	$ 1,500.00	$3,000
Traffic Control Items	LS	1	$ 1,000.00	$1,000
				$0
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$4,000***
Mobilization	%	10%	$ 400	$400
Contingency	%	10%	$ 440	$440
Construction Engineering & Inspection	%	10%	$ 484	$484
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$6,000***
Design	%	10%	$ 600	$600
Right-of-Way	LS	0	$ -	$0
TOTAL *(Rounded up to the nearest $1,000)*				***$7,000***

I-4 Thain Rd & 10th St
Project No.
Key No. I-4
October 7, 2016

PRE-DESIGN

Add Flashing Yellow Arrow on 10th Street Left Turns

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Traffic Signal Modifications	LS	1	$ 5,000.00	$5,000
Traffic Control Items	LS	1	$ 1,000.00	$1,000
				$0
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$6,000***
Mobilization	%	10%	$ 600	$600
Contingency	%	20%	$ 1,320	$1,320
Construction Engineering & Inspection	%	10%	$ 792	$792
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$9,000***
Design	%	10%	$ 900	$900
Right-of-Way	LS	0	$ -	$0
TOTAL *(Rounded up to the nearest $1,000)*				***$10,000***

S-1 Lapwai Rd (Main St to Gun Club Rd)
Project No.
Key No. S-1
October 7, 2016

PRE-DESIGN

Four-Lane Minor Arterial

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Removal of Bituminous Surface (3" depth)	SY	20,300	$ 3.00	$60,900
Earthwork/Rock Blasting	LS	1	$ 100,000.00	$100,000
Roadway Excavation (18" depth)	SY	20,300	$ 5.00	$101,500
Granular Subbase (12" depth)	SY	20,300	$ 8.00	$162,400
Base (6" depth)	SY	20,300	$ 7.00	$142,100
Asphalt Paving (3" depth)	SY	20,300	$ 13.00	$263,900
Tack Coat	SY	20,300	$ 0.15	$3,045
Curb and Gutter	LF	7,100	$ 20.00	$142,000
Sidewalk	SY	4,300	$ 40.00	$172,000
Traffic Control Items	LS	1	$ 25,000.00	$25,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$1,173,000***
Mobilization	%	10%	$ 117,300	$117,300
Contingency	%	10%	$ 129,030	$129,030
Construction Engineering & Inspection	%	20%	$ 283,866	$283,866
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$1,704,000***
Design	%	20%	$ 340,800	$340,800
Right-of-Way	LS	1	$ 567,000	$567,000
TOTAL *(Rounded up to the nearest $1,000)*				***$2,612,000***

S-1 Lapwai Rd (Main St to Gun Club Rd)
Project No.
Key No. S-1
October 7, 2016

PRE-DESIGN

Three-Lane Minor Arterial

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Removal of Bituminous Surface (3" depth)	SY	20,300	$ 3.00	$60,900
Earthwork/Rock Blasting	LS	1	$ 100,000.00	$100,000
Roadway Excavation (18" depth)	SY	20,300	$ 5.00	$101,500
Granular Subbase (12" depth)	SY	20,300	$ 8.00	$162,400
Base (6" depth)	SY	20,300	$ 7.00	$142,100
Asphalt Paving (3" depth)	SY	20,300	$ 13.00	$263,900
Tack Coat	SY	20,300	$ 0.15	$3,045
Curb and Gutter	LF	7,100	$ 20.00	$142,000
Sidewalk	SY	4,300	$ 40.00	$172,000
Traffic Control Items	LS	1	$ 25,000.00	$25,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$1,173,000***
Mobilization	%	10%	$ 117,300	$117,300
Contingency	%	10%	$ 129,030	$129,030
Construction Engineering & Inspection	%	20%	$ 283,866	$283,866
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$1,704,000***
Design	%	20%	$ 340,800	$340,800
Right-of-Way	LS	1	$ 567,000	$567,000
TOTAL *(Rounded up to the nearest $1,000)*				***$2,612,000***

S-1 Lapwai Rd (Main St to Gun Club Rd)
Project No.
Key No. S-1
October 7, 2016

PRE-DESIGN

Five-Lane Minor Arterial

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Removal of Bituminous Surface (3" depth)	SY	27,300	$ 3.00	$81,900
Earthwork/Rock Blasting	LS	1	$ 200,000.00	$200,000
Roadway Excavation (18" depth)	SY	27,300	$ 5.00	$136,500
Granular Subbase (12" depth)	SY	27,300	$ 8.00	$218,400
Base (6" depth)	SY	27,300	$ 7.00	$191,100
Asphalt Paving (3" depth)	SY	27,300	$ 13.00	$354,900
Tack Coat	SY	27,300	$ 0.15	$4,095
Curb and Gutter	LF	7,100	$ 20.00	$142,000
Sidewalk	SY	4,300	$ 40.00	$172,000
Traffic Control Items	LS	1	$ 25,000.00	$25,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$1,526,000***
Mobilization	%	10%	$ 152,600	$152,600
Contingency	%	10%	$ 167,860	$167,860
Construction Engineering & Inspection	%	20%	$ 369,292	$369,292
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$2,216,000***
Design	%	15%	$ 332,400	$332,400
Right-of-Way	LS	1	$ 567,000	$567,000
TOTAL *(Rounded up to the nearest $1,000)*				***$3,116,000***

S-2 11th Ave (29th St to Gun Club Rd)
Project No.
Key No. S-2
October 7, 2016

PRE-DESIGN

Two-Lane Collector

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Earthwork/Rock Blasting	LS	1	$ 1,000,000.00	$1,000,000
Roadway Excavation (18" depth)	SY	16,700	$ 5.00	$83,500
Granular Subbase (12" depth)	SY	16,700	$ 8.00	$133,600
Base (6" depth)	SY	16,700	$ 7.00	$116,900
Asphalt Paving (3" depth)	SY	16,700	$ 13.00	$217,100
Tack Coat	SY	16,700	$ 0.15	$2,505
Sidewalk	SY	4,200	$ 40.00	$168,000
Curb and Gutter	LF	7,500	$ 20.00	$150,000
Traffic Control Items	LS	1	$ 5,000.00	$5,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$1,877,000***
Mobilization	%	10%	$ 187,700	$187,700
Contingency	%	20%	$ 412,940	$412,940
Construction Engineering & Inspection	%	20%	$ 495,528	$495,528
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$2,974,000***
Design	%	15%	$ 446,100	$446,100
Right-of-Way	LS	1	$ 393,000	$393,000
TOTAL *(Rounded up to the nearest $1,000)*				***$3,814,000***

S-2 11th Ave (29th St to Gun Club Rd)
Project No.
Key No. S-2
October 7, 2016

PRE-DESIGN

Three-Lane Collector

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Earthwork/Rock Blasting	LS	1	$ 1,100,000.00	$1,100,000
Roadway Excavation (18" depth)	SY	18,400	$ 5.00	$92,000
Granular Subbase (12" depth)	SY	18,400	$ 8.00	$147,200
Base (6" depth)	SY	18,400	$ 7.00	$128,800
Asphalt Paving (3" depth)	SY	18,400	$ 13.00	$239,200
Tack Coat	SY	18,400	$ 0.15	$2,760
Sidewalk	SY	4,200	$ 40.00	$168,000
Curb and Gutter	LF	7,500	$ 20.00	$150,000
Traffic Control Items	LS	1	$ 5,000.00	$5,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$2,033,000***
Mobilization	%	10%	$ 203,300	$203,300
Contingency	%	20%	$ 447,260	$447,260
Construction Engineering & Inspection	%	20%	$ 536,712	$536,712
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$3,221,000***
Design	%	15%	$ 483,150	$483,150
Right-of-Way	LS	1	$ 393,000	$393,000
TOTAL *(Rounded up to the nearest $1,000)*				***$4,098,000***

S-3 16th Ave (29th St to Gun Club Rd)
Project No.
Key No. S-3
October 7, 2016

PRE-DESIGN

Two-Lane Collector

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Earthwork/Rock Blasting	LS	1	$ 1,200,000.00	$1,200,000
Roadway Excavation (18" depth)	SY	13,400	$ 5.00	$67,000
Granular Subbase (12" depth)	SY	13,400	$ 8.00	$107,200
Base (6" depth)	SY	13,400	$ 7.00	$93,800
Asphalt Paving (3" depth)	SY	13,400	$ 13.00	$174,200
Tack Coat	SY	13,400	$ 0.15	$2,010
Sidewalk	SY	3,400	$ 40.00	$136,000
Curb and Gutter	LF	3,000	$ 20.00	$60,000
Traffic Control Items	LS	1	$ 5,000.00	$5,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$1,846,000***
Mobilization	%	10%	$ 184,600	$184,600
Contingency	%	20%	$ 406,120	$406,120
Construction Engineering & Inspection	%	20%	$ 487,344	$487,344
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$2,925,000***
Design	%	15%	$ 438,750	$438,750
Right-of-Way	LS	1	$ 204,000	$204,000
TOTAL *(Rounded up to the nearest $1,000)*				***$3,568,000***

S-3 16th Ave (29th St to Gun Club Rd)
Project No.
Key No. S-3
October 7, 2016

PRE-DESIGN

Three-Lane Collector

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Earthwork/Rock Blasting	LS	1	$ 1,300,000.00	$1,300,000
Roadway Excavation (18" depth)	SY	14,700	$ 5.00	$73,500
Granular Subbase (12" depth)	SY	14,700	$ 8.00	$117,600
Base (6" depth)	SY	14,700	$ 7.00	$102,900
Asphalt Paving (3" depth)	SY	14,700	$ 13.00	$191,100
Tack Coat	SY	14,700	$ 0.15	$2,205
Sidewalk	SY	3,400	$ 40.00	$136,000
Curb and Gutter	LF	3,000	$ 20.00	$60,000
Traffic Control Items	LS	1	$ 5,000.00	$5,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$1,989,000***
Mobilization	%	10%	$ 198,900	$198,900
Contingency	%	20%	$ 437,580	$437,580
Construction Engineering & Inspection	%	20%	$ 525,096	$525,096
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$3,151,000***
Design	%	15%	$ 472,650	$472,650
Right-of-Way	LS	1	$ 204,000	$204,000
TOTAL *(Rounded up to the nearest $1,000)*				***$3,828,000***

S-4 Nez Perce Dr (Juniper Dr to Lindsay Creek Rd)
Project No.
Key No. S-4
October 7, 2016

PRE-DESIGN

Two-Lane Collector

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Earthwork/Rock Blasting	LS	1	$ 1,500,000.00	$1,500,000
Roadway Excavation (18" depth)	SY	11,200	$ 5.00	$56,000
Granular Subbase (12" depth)	SY	11,200	$ 8.00	$89,600
Base (6" depth)	SY	11,200	$ 7.00	$78,400
Asphalt Paving (3" depth)	SY	11,200	$ 13.00	$145,600
Tack Coat	SY	11,200	$ 0.15	$1,680
Sidewalk	SY	2,800	$ 40.00	$112,000
Curb and Gutter	LF	2,500	$ 20.00	$50,000
Traffic Control Items	LS	1	$ 5,000.00	$5,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$2,039,000***
Mobilization	%	10%	$ 203,900	$203,900
Contingency	%	20%	$ 448,580	$448,580
Construction Engineering & Inspection	%	20%	$ 538,296	$538,296
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$3,230,000***
Design	%	15%	$ 484,500	$484,500
Right-of-Way	LS	1	$ 342,000	$342,000
TOTAL *(Rounded up to the nearest $1,000)*				***$4,057,000***

Nez Perce Drive Improvements

ENGINEERS IMPROVEMENT ESTIMATE

ITEM	QUANTITY	UNIT	AMOUNT	EXTEND
Excavation	537,000	CY	$ 4.00	$ 2,148,000.00
Asphalt (with rock base)	144,228	SF	$ 3.50	$ 504,798.00
Sidewalk	30,906	SF	$ 5.50	$ 169,983.00
Curb and Gutter	6,868	LF	$ 15.00	$ 103,020.00
8"SDR 35 PVC	1,950	LF	$ 40.00	$ 78,000.00
12" Waterline PVC C900	3,184	LF	$ 42.50	$ 135,320.00
F.H. Meuller 1500	10	EA	$ 2,500.00	$ 25,000.00
12" Waterline Fittings	8	EA	$ 1,500.00	$ 12,000.00
Concrete Thrust Blocks	8	EA	$ 500.00	$ 4,000.00
6" Gate Valves	10	EA	$ 1,000.00	$ 10,000.00
12" Gate Valves	6	EA	$ 2,000.00	$ 12,000.00
12" - S.D. ADS N-12	370	LF	$ 35.00	$ 12,950.00
Storm Drain C.B.	4	EA	$ 1,500.00	$ 6,000.00
Storm Drain Manhole	2	EA	$ 2,500.00	$ 5,000.00
Street Lights	16	EA	$ 1,250.00	$ 20,000.00
Centerline Monuments	5	EA	$ 400.00	$ 2,000.00
Cap and Plug Waterline	1	EA	$ 750.00	$ 750.00
Signage	10	EA	$ 100.00	$ 1,000.00
Erosion Control Monitoring	1	LS	$ 7,000.00	$ 7,000.00
Mobilization	1	LS	$ 35,000.00	$ 35,000.00
Sanitary Sewer Manholes	8	EA	$ 2,500.00	$ 20,000.00
Driveway Approach	6	EA	$ 1,750.00	$ 10,500.00
Traffic Light	1	EA	$ 250,000.00	$ 250,000.00
Striping	1	LS	$ 2,950.00	$ 2,950.00
Handicap / Ped Ramps w/ Truncated domes	4	EA	$ 450.00	$ 1,800.00
			SUBTOTAL :	$ 3,577,071.00
CONTINGENCIES	10%			$ 357,707.10
ENGINEER	15%			$ 536,560.65
			GRAND TOTAL :	**$ 4,471,338.75**

New 6/20/14

S-4 Nez Perce Dr (Juniper Dr to Lindsay Creek Rd)
Project No.
Key No. S-4
October 7, 2016

PRE-DESIGN

Three-Lane Collector Grade Adjusted

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Earthwork/Rock Blasting	LS	1	$ 1,800,000.00	$1,800,000
Roadway Excavation (18" depth)	SY	12,300	$ 5.00	$61,500
Granular Subbase (12" depth)	SY	12,300	$ 8.00	$98,400
Base (6" depth)	SY	12,300	$ 7.00	$86,100
Asphalt Paving (3" depth)	SY	12,300	$ 13.00	$159,900
Tack Coat	SY	12,300	$ 0.15	$1,845
Sidewalk	SY	2,800	$ 40.00	$112,000
Curb and Gutter	LF	2,500	$ 20.00	$50,000
Traffic Control Items	LS	1	$ 5,000.00	$5,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$2,375,000***
Mobilization	%	10%	$ 237,500	$237,500
Contingency	%	20%	$ 522,500	$522,500
Construction Engineering & Inspection	%	20%	$ 627,000	$627,000
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$3,762,000***
Design	%	15%	$ 564,300	$564,300
Right-of-Way	LS	1	$ 342,000	$342,000
TOTAL *(Rounded up to the nearest $1,000)*				***$4,669,000***

S-5 Nez Perce Dr (Gun Club Rd to Lindsay Creek Rd)
Project No.
Key No. S-5
October 7, 2016

PRE-DESIGN

Two-Lane Collector

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Earthwork/Rock Blasting	LS	1	$ 3,000,000.00	$3,000,000
Roadway Excavation (18" depth)	SY	26,700	$ 5.00	$133,500
Granular Subbase (12" depth)	SY	26,700	$ 8.00	$213,600
Base (6" depth)	SY	26,700	$ 7.00	$186,900
Asphalt Paving (3" depth)	SY	26,700	$ 13.00	$347,100
Tack Coat	SY	26,700	$ 0.15	$4,005
Sidewalk	SY	6,700	$ 40.00	$268,000
Curb and Gutter	LF	6,000	$ 20.00	$120,000
Box Culvert	EA	1	$ 50,000.00	$50,000
Traffic Control Items	LS	1	$ 5,000.00	$5,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$4,329,000***
Mobilization	%	10%	$ 432,900	$432,900
Contingency	%	20%	$ 952,380	$952,380
Construction Engineering & Inspection	%	20%	$ 1,142,856	$1,142,856
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$6,858,000***
Design	%	15%	$ 1,028,700	$1,028,700
Right-of-Way	LS	1	$ 810,000	$810,000
TOTAL *(Rounded up to the nearest $1,000)*				***$8,697,000***

S-5 Nez Perce Dr (Gun Club Rd to Lindsay Creek Rd)
Project No.
Key No. S-5
October 7, 2016

PRE-DESIGN

Three-Lane Collector

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Earthwork/Rock Blasting	LS	1	$ 3,200,000.00	$3,200,000
Roadway Excavation (18" depth)	SY	29,400	$ 5.00	$147,000
Granular Subbase (12" depth)	SY	29,400	$ 8.00	$235,200
Base (6" depth)	SY	29,400	$ 7.00	$205,800
Asphalt Paving (3" depth)	SY	29,400	$ 13.00	$382,200
Tack Coat	SY	29,400	$ 0.15	$4,410
Sidewalk	SY	6,700	$ 40.00	$268,000
Curb and Gutter	LF	6,000	$ 20.00	$120,000
Box Culvert	EA	1	$ 50,000.00	$50,000
Traffic Control Items	LS	1	$ 5,000.00	$5,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$4,618,000***
Mobilization	%	10%	$ 461,800	$461,800
Contingency	%	20%	$ 1,015,960	$1,015,960
Construction Engineering & Inspection	%	20%	$ 1,219,152	$1,219,152
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$7,315,000***
Design	%	15%	$ 1,097,250	$1,097,250
Right-of-Way	LS	1	$ 810,000	$810,000
TOTAL *(Rounded up to the nearest $1,000)*				***$9,223,000***

S-6 Gun Club Rd (Lapwai Rd to Stewart Ave)
Project No.
Key No. S-6
October 7, 2016

PRE-DESIGN

Four-Lane Minor Arterial

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Removal of Bituminous Surface (3" depth)	SY	45,100	$ 3.00	$135,300
Earthwork/Rock Blasting	LS	1	$ 1,000,000.00	$1,000,000
Roadway Excavation (18" depth)	SY	45,100	$ 5.00	$225,500
Granular Subbase (12" depth)	SY	45,100	$ 8.00	$360,800
Base (6" depth)	SY	45,100	$ 7.00	$315,700
Asphalt Paving (3" depth)	SY	45,100	$ 13.00	$586,300
Tack Coat	SY	45,100	$ 0.15	$6,765
Replace Lindsay Creek Culvert	LS	1	$ 50,000.00	$50,000
Traffic Control Items	LS	1	$ 30,000.00	$30,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$2,711,000***
Mobilization	%	10%	$ 271,100	$271,100
Contingency	%	10%	$ 298,210	$298,210
Construction Engineering & Inspection	%	20%	$ 656,062	$656,062
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$3,937,000***
Design	%	15%	$ 590,550	$590,550
Right-of-Way	LS	1	$ 903,000	$903,000
TOTAL *(Rounded up to the nearest $1,000)*				***$5,431,000***

S-6 Gun Club Rd (Lapwai Rd to Stewart Ave)
Project No.
Key No. S-6
October 7, 2016

PRE-DESIGN

Two Lanes Up, One Lane Down

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Removal of Bituminous Surface (3" depth)	SY	32,267	$ 3.00	$96,800
Earthwork/Rock Blasting	LS	1	$ 800,000.00	$800,000
Roadway Excavation (18" depth)	SY	32,267	$ 5.00	$161,333
Granular Subbase (12" depth)	SY	32,267	$ 8.00	$258,133
Base (6" depth)	SY	32,267	$ 7.00	$225,867
Asphalt Paving (3" depth)	SY	32,267	$ 13.00	$419,467
Tack Coat	SY	32,267	$ 0.15	$4,840
Traffic Control Items	LS	1	$ 30,000.00	$30,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$1,997,000***
Mobilization	%	10%	$ 199,700	$199,700
Contingency	%	10%	$ 219,670	$219,670
Construction Engineering & Inspection	%	20%	$ 483,274	$483,274
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$2,900,000***
Design	%	15%	$ 435,000	$435,000
Right-of-Way	LS	1	$ 558,000	$558,000
TOTAL *(Rounded up to the nearest $1,000)*				***$3,893,000***

S-6 Gun Club Rd (Lapwai Rd to Stewart Ave)
Project No.
Key No. S-6
October 7, 2016

PRE-DESIGN

Realign Roadway with 11th Street

Opinion of Probable Cost (Major Items)

Item Description	Unit	Approx. Quantity	Unit Price	Bid Price
Earthwork/Rock Blasting	LS	1	$ 1,500,000.00	$1,500,000
Roadway Excavation (18" depth)	SY	77,000	$ 5.00	$385,000
Granular Subbase (12" depth)	SY	77,000	$ 8.00	$616,000
Base (6" depth)	SY	77,000	$ 7.00	$539,000
Asphalt Paving (3" depth)	SY	77,000	$ 13.00	$1,001,000
Tack Coat	SY	77,000	$ 0.15	$11,550
Curb and Gutter	LF	10,500	$ 20.00	$210,000
Sidewalk	SY	14,000	$ 40.00	$560,000
Lindsay Creek Culvert	LS	1	$ 50,000.00	$50,000
Traffic Control Items	LS	1	$ 30,000.00	$30,000
SUBTOTAL *(Rounded up to the nearest $1,000)*				***$4,903,000***
Mobilization	%	10%	$ 490,300	$490,300
Contingency	%	10%	$ 539,330	$539,330
Construction Engineering & Inspection	%	20%	$ 1,186,526	$1,186,526
CONSTRUCTION SUBTOTAL *(Rounded up to the nearest $1,000)*				***$7,120,000***
Design	%	15%	$ 1,068,000	$1,068,000
Right-of-Way	LS	1	$ 1,647,000	$1,647,000
TOTAL *(Rounded up to the nearest $1,000)*				***$9,835,000***