

State of Alaska Department of Transportation & Public Facilities Southeast Region	Engineer's Estimate JNU - LYNN CANAL HIGHWAY, ECHO COVE TO ANTLER RIVER, FULL BUILDOUT 2008	AKSAS No.: 68519 Federal No.: Version ID: 17352 Printed: 1/26/2009 4:22:50 PM
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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
201 (1A)	Clearing	150	Acre	6,900.00	1,035,000.00
201 (6)	Selective Tree Removal	150	Each	320.00	48,000.00
202 (4)	Removal of Culvert Pipe	530	Linear Foot	15.00	7,950.00
203 (2)	Rock Excavation	1,209,100	Cubic Yard	12.00	14,509,200.00
203 (3)	Unclassified Excavation	132,100	Cubic Yard	5.00	660,500.00
203 (10)	Controlled Blasting	80,000	Square Yard	19.00	1,520,000.00
203 (12)	Drain Holes	6,000	Linear Foot	3.25	19,500.00
203 (13)	Stabilization - Rock Bolt	1,800	Each	1,500.00	2,700,000.00
205 (3)	Foundation Fill	1,911	Cubic Yard	25.00	47,775.00
301 (1)	Aggregate Base Course, Grading ___	48,075	Ton	25.00	1,201,875.00
306 (1)	Asphalt Treated Base	23,500	Ton	42.00	987,000.00
401 (1)	Asphalt Concrete, Type II, Class B	24,260	Ton	50.00	1,213,000.00
401 (2)	Asphalt Cement, Grade 58-28	2,517	Ton	700.00	1,761,900.00
402 (1)	STE-1 Asphalt for Tack Coat	59	Ton	700.00	41,300.00
501 (1)	Class A Concrete	All required	Lump Sum	491,880.00	491,880.00
501 (2)	Class A-A Concrete	All required	Lump Sum	179,400.00	179,400.00
501 (7A)	Precast Concrete Member (128' Decked Bulb Tee)	12	Each	60,000.00	720,000.00
501 (7B)	Precast Concrete Member (143' Decked Bulb Tee)	6	Each	70,000.00	420,000.00
501 (8)	Concrete Price Adjustment	All required	Contingent Sum	0.00	0.00
501 (11)	Precast Concrete Headwall	5	Each	5,000.00	25,000.00
503 (1)	Reinforcing Steel	All required	Lump Sum	156,590.00	156,590.00
503 (2)	Epoxy-Coated Reinforcing Steel	All required	Lump Sum	126,440.00	126,440.00
505 (5)	Furnish Structural Steel Pipe Piles - 24 in dia	1,656	Linear Foot	125.00	207,000.00

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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
505 (6b)	Drive Structural Steel Pipe Piles - 24 in dia	24	Each	7,500.00	180,000.00
507 (1)	Steel Bridge Railing	1,048	Linear Foot	225.00	235,800.00
507 (6)	Safety Railing	1,553	Linear Foot	3.50	5,435.50
511 (1)	Mechanically Stabilized Earth Wall	22,306	Square Foot	50.00	1,115,300.00
602 (3A)	Structural Plate Arch 20' Span, 8'3 1/2" Rise, 7 Gage	50	Linear Foot	2,120.00	106,000.00
602 (3B)	Structural Plate Arch 35' 4" Span, 11' 5' Rise, 7 Gage	52	Linear Foot	3,900.00	202,800.00
603 (17-24)	24 Inch Pipe	5,097	Linear Foot	80.00	407,760.00
603 (17-36)	36 Inch Pipe	2,704	Linear Foot	140.00	378,560.00
603 (17-48)	48 Inch Pipe	874	Linear Foot	190.00	166,060.00
603 (17-60)	60 Inch Pipe	324	Linear Foot	290.00	93,960.00
603 (17-72)	72 Inch Pipe	114	Linear Foot	350.00	39,900.00
603 (17-144)	144 Inch Pipe	120	Linear Foot	750.00	90,000.00
606 (1)	W-beam Guardrail	1,800	Linear Foot	27.50	49,500.00
606 (11)	Extruder Terminal (ET-2000)	12	Each	2,750.00	33,000.00
606 (12)	Guardrail/bridge Rail Connection	12	Each	3,000.00	36,000.00
611 (1A)	Riprap, Class II	1,385	Cubic Yard	10.00	13,850.00
611 (3)	Riprap Slope Stabilization	1,716	Square Yard	10.50	18,018.00
615 (1)	Standard Sign	880	Square Foot	55.00	48,400.00
618 (1)	Seeding	50	Acre	2,150.00	107,500.00
619 (2)	Matting	1,000	Square Yard	2.50	2,500.00
630 (1)	Geotextile, Separation	2,000	Square Yard	2.50	5,000.00
631 (2)	Geotextile, Erosion Control, Class 1	1,240	Square Yard	2.00	2,480.00
633 (1)	Silt Fence	5,000	Linear Foot	4.00	20,000.00
637 (1)	Reinforced Soil Slope	500	Square Foot	20.00	10,000.00
640 (1)	Mobilization And Demobilization	All required	Lump Sum	3,780,490.00	3,780,490.00
641 (1)	Erosion And Pollution Control Administration	All required	Lump Sum	10,600.00	10,600.00

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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
641 (2)	Temporary Erosion And Pollution Control	All required	Contingent Sum	176,470.00	176,470.00
641 (5)	Preliminary Seeding	25	Acre	2,500.00	62,500.00
641 (6)	Temporary Rock Check Dam	171	Each	100.00	17,100.00
641 (7)	Erosion And Pollution Control Price Adjustment	All required	Contingent Sum	0.00	0.00
641 (8)	Settling Pool	2	Each	530.00	1,060.00
642 (1)	Construction Surveying	All required	Lump Sum	500,000.00	500,000.00
642 (3)	Three Person Survey Party	450	Hour	250.00	112,500.00
644 (1)	Field Office	1	Each	25,000.00	25,000.00
644 (2)	Field Laboratory	1	Each	25,000.00	25,000.00
644 (3)	Curing Shed	All required	Lump Sum	5,300.00	5,300.00
644 (4)	Meal	All required	Contingent Sum	424,000.00	424,000.00
644 (5)	Lodging	All required	Contingent Sum	318,000.00	318,000.00
644 (8a)	Vehicle, 4X4 SUV	108	Each/Month	400.00	43,200.00
644 (8b)	Vehicle, 4X4 ATV	144	Each/Month	150.00	21,600.00
644 (15)	Nuclear Testing Equipment Storage Shed	All required	Lump Sum	26,500.00	26,500.00
644 (16)	Storage Container	All required	Lump Sum	5,333.00	5,333.00
645 (1)	Training Program, 2 Trainees/Apprentices	1,000	Labor Hour	10.00	10,000.00
646 (1)	CPM Scheduling	All required	Lump Sum	10,600.00	10,600.00
670 (1)	Painted Traffic Markings	All required	Lump Sum	58,300.00	58,300.00
PROJECT Summary	Pay Items:	68 Items		Subtotal:	37,080,686.50
	Construction Engineering (Percentage)	6%		CENG Subtotal	2,224,841.19
	Indirect Cost Allocation Plan (ICAP)	4.66%			1,831,637.59
	TOTAL PARTICIPATING				41,137,165.28
	ADDED COSTS (Not part of the Contract)				
	Construction Contingency (5%)				1,854,034.30
	PROJECT TOTAL				42,991,199.58

State of Alaska Department of Transportation & Public Facilities Southeast Region	Engineer's Estimate JNU - LYNN CANAL HIGHWAY, BERNERS BAY CROSSING FULL BUILDOUT 2008	AKSAS No.: 68501 Federal No.: Version ID: 17374 Printed: 1/26/2009 4:24:15 PM
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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
201 (1B)	Clearing - Zones 2,3 & 5	18	Acre	5,300.00	95,400.00
201 (6)	Selective Tree Removal	50	Each	320.00	16,000.00
203 (5)	Borrow	242,500	Cubic Yard	4.00	970,000.00
203 (19)	Barrier Rocks	4,000	Linear Foot	8.00	32,000.00
205 (3)	Foundation Fill	4,740	Cubic Yard	25.00	118,500.00
301 (1)	Aggregate Base Course, Grading ____	4,590	Ton	25.00	114,750.00
306 (1)	Asphalt Treated Base	2,225	Ton	42.00	93,450.00
401 (1)	Asphalt Concrete, Type II; Class B	4,640	Ton	50.00	232,000.00
401 (2)	Asphalt Cement, Grade 58-28	380	Ton	700.00	266,000.00
402 (1)	STE-1 Asphalt for Tack Coat	12	Ton	700.00	8,400.00
501 (1)	Class A Concrete	All required	Lump Sum	9,141,360.00	9,141,360.00
501 (2)	Class A-A Concrete	All required	Lump Sum	1,064,960.00	1,064,960.00
501 (7A)	Precast Concrete Member (128' Decked Bulb Tee)	6	Each	60,000.00	360,000.00
501 (7B)	Precast Concrete Member (143' Decked Bulb Tee)	210	Each	70,000.00	14,700,000.00
501 (7C)	Precast Concrete Member (118' Decked Bulb Tee)	12	Each	60,000.00	720,000.00
501 (8)	Concrete Price Adjustment	All required	Contingent Sum	0.00	0.00
501 (9)	Bridge Expansion Joint	660	Linear Foot	1,100.00	726,000.00
503 (1)	Reinforcing Steel	All required	Lump Sum	2,684,130.00	2,684,130.00
503 (2)	Epoxy-Coated Reinforcing Steel	All required	Lump Sum	1,153,320.00	1,153,320.00
504 (2)	Structural Steel	1,150,000	Pound	2.50	2,875,000.00
505 (5B)	Furnish Structural Steel Piles - 24 in	5,012	Linear Foot	125.00	626,500.00
505 (5C)	Furnish Structural Steel Pipe Piles - 48 in dia	14,865	Linear Foot	500.00	7,432,500.00
505 (6B)	Drive Structural Steel Pipe Piles - 24 in dia	54	Each	7,500.00	405,000.00

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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
505 (6C)	Drive Structural Steel Pipe Piles - 48 in dia	108	Each	25,000.00	2,700,000.00
505 (9)	Structural Steel Sheet Piles	3,200	Square Foot	45.00	144,000.00
507 (1)	Steel Bridge Railing	12,427	Linear Foot	225.00	2,796,075.00
606 (1)	W-beam Guardrail	2,000	Linear Foot	27.50	55,000.00
606 (11)	Extruder Terminal (ET-2000)	20	Each	2,750.00	55,000.00
606 (12)	Guardrail/bridge Rail Connection	20	Each	3,000.00	60,000.00
611 (1A)	Riprap, Class II	2,500	Cubic Yard	10.00	25,000.00
615 (1)	Standard Sign	176	Square Foot	55.00	9,680.00
618 (1)	Seeding		Acre	2,150.00	0.00
631 (2)	Geotextile, Erosion Control, Class 1	2,500	Square Yard	2.00	5,000.00
633 (1)	Silt Fence	2,000	Linear Foot	4.00	8,000.00
640 (1)	Mobilization And Demobilization	All required	Lump Sum	6,048,780.00	6,048,780.00
641 (1)	Erosion And Pollution Control Administration	All required	Lump Sum	5,300.00	5,300.00
641 (2)	Temporary Erosion And Pollution Control	All required	Contingent Sum	58,820.00	58,820.00
641 (5)	Preliminary Seeding		Acre	2,150.00	0.00
641 (7)	Erosion And Pollution Control Price Adjustment	All required	Contingent Sum	0.00	0.00
642 (1)	Construction Surveying	All required	Lump Sum	100,000.00	100,000.00
642 (3)	Three Person Survey Party	50	Hour	250.00	12,500.00
644 (1)	Field Office	1	Each	25,000.00	25,000.00
644 (2)	Field Laboratory	1	Each	25,000.00	25,000.00
644 (15)	Nuclear Testing Equipment Storage Shed	All required	Lump Sum	26,500.00	26,500.00
644 (16)	Storage Container	All required	Lump Sum	5,333.00	5,333.00

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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
645 (1)	Training Program, 2 Trainees/Apprentices	1,000	Labor Hour	10.00	10,000.00
646 (1)	CPM Scheduling	All required	Lump Sum	10,600.00	10,600.00
670 (1)	Painted Traffic Markings	All required	Lump Sum	11,660.00	11,660.00
PROJECT Summary	Pay Items:	48 Items		Subtotal:	56,032,518.00
	Construction Engineering (Percentage)	6%		CENG Subtotal	3,361,951.08 59,394,469.08
	Indirect Cost Allocation Plan (ICAP)	4.66%			2,767,782.26
	TOTAL PARTICIPATING				62,162,251.34
	ADDED COSTS (Not part of the Contract) CONSTRUCTION CONTINGENCY (5%)				2,801,625.90
	PROJECT TOTAL				64,963,877.24

State of Alaska Department of Transportation & Public Facilities Southeast Region	Engineer's Estimate JNU - LYNN CANAL HIGHWAY, LACE RIVER TO SWEENEY CREEK FULL BUILDOUT 2008	AKSAS No.: 68501 Federal No.: Version ID: 17375 Printed: 1/26/2009 3:09:27 PM
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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
201 (1B)	Clearing - Zones 2,3 & 5	126	Acre	5,300.00	667,800.00
201 (6)	Selective Tree Removal	150	Each	320.00	48,000.00
203 (2)	Rock Excavation	595,600	Cubic Yard	12.00	7,147,200.00
203 (3)	Unclassified Excavation	654,800	Cubic Yard	5.00	3,274,000.00
203 (10)	Controlled Blasting	68,000	Square Yard	19.00	1,292,000.00
203 (12)	Drain Holes	5,000	Linear Foot	3.25	16,250.00
203 (13)	Stabilization - Rock Bolt	1,530	Each	1,500.00	2,295,000.00
205 (3)	Foundation Fill	1,300	Cubic Yard	25.00	32,500.00
301 (1)	Aggregate Base Course, Grading ____	44,455	Ton	25.00	1,111,375.00
306 (1)	Asphalt Treated Base	21,800	Ton	42.00	915,600.00
401 (1)	Asphalt Concrete, Type II; Class B	22,460	Ton	50.00	1,123,000.00
401 (2)	Asphalt Cement, Grade 58-28	2,335	Ton	700.00	1,634,500.00
402 (1)	STE-1 Asphalt for Tack Coat	54	Ton	700.00	37,800.00
501 (1)	Class A Concrete	All required	Lump Sum	339,840.00	339,840.00
501 (2)	Class A-A Concrete	All required	Lump Sum	59,800.00	59,800.00
501 (7B)	Precast Concrete Member (143' Decked Bulb Tee)	12	Each	70,000.00	840,000.00
501 (8)	Concrete Price Adjustment	All required	Contingent Sum	0.00	0.00
501 (11)	Precast Concrete Headwall	9	Each	5,000.00	45,000.00
503 (1)	Reinforcing Steel	All required	Lump Sum	101,270.00	101,270.00
503 (2)	Epoxy-Coated Reinforcing Steel	All required	Lump Sum	52,730.00	52,730.00
505 (5A)	Furnish Structural Steel Piles - HP14X117	787.5	Linear Foot	65.00	51,187.50
505 (5C)	Furnish Structural Steel Pipe Piles - 48 in dia	296.4	Linear Foot	500.00	148,200.00
505 (6A)	Drive Structural Steel Piles - HP14X117	6	Each	5,000.00	30,000.00

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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
505 (6C)	Drive Structural Steel Pipe Piles - 48 in dia	3	Each	25,000.00	75,000.00
507 (1)	Steel Bridge Railing	660	Linear Foot	225.00	148,500.00
603 (17-24)	24 Inch Pipe	5,780	Linear Foot	80.00	462,400.00
603 (17-36)	36 Inch Pipe	4,608	Linear Foot	140.00	645,120.00
603 (17-48)	48 Inch Pipe	560	Linear Foot	190.00	106,400.00
603 (17-60)	60 Inch Pipe	340	Linear Foot	290.00	98,600.00
603 (17-72)	72 Inch Pipe	390	Linear Foot	350.00	136,500.00
606 (1)	W-beam Guardrail	600	Linear Foot	27.50	16,500.00
606 (11)	Extruder Terminal (ET-2000)	4	Each	2,750.00	11,000.00
606 (12)	Guardrail/bridge Rail Connection	4	Each	3,000.00	12,000.00
610 (3)	Ditch Lining	25	Station	750.00	18,750.00
611 (3)	Riprap Slope Stabilization	1,506	Square Yard	10.50	15,813.00
615 (1)	Standard Sign	816	Square Foot	55.00	44,880.00
618 (1)	Seeding	44	Acre	2,150.00	94,600.00
619 (2)	Matting	58,000	Square Yard	2.50	145,000.00
630 (1)	Geotextile, Separation	128,000	Square Yard	2.50	320,000.00
633 (1)	Silt Fence	50,000	Linear Foot	4.00	200,000.00
640 (1)	Mobilization And Demobilization	All required	Lump Sum	3,024,390.00	3,024,390.00
641 (1)	Erosion And Pollution Control Administration	All required	Lump Sum	10,600.00	10,600.00
641 (2)	Temporary Erosion And Pollution Control	All required	Contingent Sum	294,120.00	294,120.00
641 (5)	Preliminary Seeding	22	Acre	2,500.00	55,000.00
641 (6)	Temporary Rock Check Dam	369	Each	100.00	36,900.00
641 (7)	Erosion And Pollution Control Price Adjustment	All required	Contingent Sum	0.00	0.00
641 (8)	Settling Pool	6	Each	530.00	3,180.00
642 (1)	Construction Surveying	All required	Lump Sum	265,000.00	265,000.00
642 (3)	Three Person Survey Party	200	Hour	250.00	50,000.00

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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
644 (1)	Field Office	1	Each	25,000.00	25,000.00
644 (2)	Field Laboratory	1	Each	25,000.00	25,000.00
644 (4)	Meal	All required	Contingent Sum	424,000.00	424,000.00
644 (5)	Lodging	All required	Contingent Sum	318,000.00	318,000.00
644 (8a)	Vehicle, 4X4 SUV	108	Each/Month	400.00	43,200.00
644 (8b)	Vehicle, 4X4 ATV	144	Each/Month	150.00	21,600.00
644 (15)	Nuclear Testing Equipment Storage Shed	All required	Lump Sum	26,500.00	26,500.00
644 (16)	Storage Container	All required	Lump Sum	5,334.00	5,334.00
645 (1)	Training Program, 2 Trainees/Apprentices	1,000	Labor Hour	10.00	10,000.00
646 (1)	CPM Scheduling	All required	Lump Sum	31,800.00	31,800.00
670 (1)	Painted Traffic Markings	All required	Lump Sum	54,050.00	54,050.00
PROJECT Summary	Pay Items:	60 Items		Subtotal:	28,537,789.50
	Construction Engineering (Percentage)	6%		CENG Subtotal	1,712,267.37 30,250,056.87
	Indirect Cost Allocation Plan (ICAP)	4.66%			1,409,652.65
	TOTAL PARTICIPATING				31,659,709.52
	ADDED COSTS (Not part of the Contract)				
	CONSTRUCTION CONTINGENCY				1,426,889.48
	PROJECT TOTAL				33,086,599.00

State of Alaska Department of Transportation & Public Facilities Southeast Region	Engineer's Estimate JNU - LYNN CANAL HIGHWAY, SWEENEY CK TO KATZ RIVER, FULL BUILDOUT 2008 2008 PRELIMINARY ESTIMATE	AKSAS No.: 68967 Federal No.: Version ID: 18912 Printed: 1/29/2009 1:17:09 PM
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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
201 (1A)	Clearing	333	Acre	6,900.00	2,297,700.00
203 (2)	Rock Excavation	2,983,460	Cubic Yard	12.00	35,801,520.00
203 (3)	Unclassified Excavation	315,210	Cubic Yard	5.00	1,576,050.00
203 (10)	Controlled Blasting	84,610	Square Yard	19.00	1,607,590.00
203 (12)	Drain Holes	16,850	Linear Foot	3.25	54,762.50
203 (13)	Stabilization - Rock Bolt	1,910	Each	1,500.00	2,865,000.00
301 (1)	Aggregate Base Course, Grading ____	114,120	Ton	25.00	2,853,000.00
306 (1)	Asphalt Treated Base	50,980	Ton	42.00	2,141,160.00
401 (1)	Asphalt Concrete, Type II; Class B	52,260	Ton	50.00	2,613,000.00
401 (2)	Asphalt Cement, Grade 58-28	5,430	Ton	700.00	3,801,000.00
402 (1)	STE-1 Asphalt For Tack Coat	120	Ton	700.00	84,000.00
501 (10)	Screening Structure	6,510	Linear Foot	145.00	943,950.00
501 (13a)	Zone 4 Bridges, Standard	2,015	Linear Foot	8,250.00	16,623,750.00
501 (13b)	Zone 4 Bridges, Special	789	Linear Foot	11,550.00	9,112,950.00
501 (13c)	Zone 4 Bridges, Heavy Duty	400	Linear Foot	16,500.00	6,600,000.00
507 (6)	Safety Railing	37,262	Linear Foot	3.50	130,417.00
511 (1)	Mechanically Stabilized Earth Wall	832,920	Square Foot	50.00	41,646,000.00
514 (1)	Tunnel, Dual Lane/Bi-Directional (300' to <800')	1,250	Linear Foot	9,200.00	11,500,000.00
515 (1)	Debris Flow Mitigation Structure	18	Each	250,000.00	4,500,000.00
602 (3B)	Structural Plate Arch 31'9" Span, 10'2" Rise, 7 Gage	572	Linear Foot	3,900.00	2,230,800.00
603 (17-24)	24 Inch Pipe	14,840	Linear Foot	80.00	1,187,200.00
603 (17-36)	36 Inch Pipe	7,930	Linear Foot	140.00	1,110,200.00

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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
603 (17-48)	48 Inch Pipe	2,300	Linear Foot	190.00	437,000.00
603 (17-60)	60 Inch Pipe	990	Linear Foot	290.00	287,100.00
603 (17-72)	72 Inch Pipe	250	Linear Foot	350.00	87,500.00
603 (17-144)	144 Inch Pipe	250	Linear Foot	750.00	187,500.00
606 (1)	W-beam Guardrail	86,807	Linear Foot	27.50	2,387,192.50
606 (11)	Extruder Terminal (ET-2000)	128	Each	2,750.00	352,000.00
611 (1B)	Riprap, Class IV	105,380	Cubic Yard	10.00	1,053,800.00
611 (3)	Riprap Slope Stabilization	28,800	Square Yard	10.50	302,400.00
614 (1a)	Monumentation with case	169	Each	530.00	89,570.00
615 (1)	Standard Sign	1,780	Square Foot	55.00	97,900.00
618 (1)	Seeding	100	Acre	2,150.00	215,000.00
630 (1)	Geotextile, Separation	40,940	Square Yard	2.50	102,350.00
633 (1)	Silt Fence	13,350	Linear Foot	4.00	53,400.00
640 (1)	Mobilization And Demobilization	All required	Lump Sum	17,800,000.00	17,800,000.00
641 (1)	Erosion And Pollution Control Administration	All required	Lump Sum	47,170.00	47,170.00
641 (2)	Temporary Erosion And Pollution Control	All required	Contingent Sum	1,335,000.00	1,335,000.00
641 (7)	Erosion And Pollution Control Price Adjustment	All required	Contingent Sum	0.00	0.00
642 (1)	Construction Surveying	All required	Lump Sum	623,000.00	623,000.00
670 (1)	Painted Traffic Markings	All required	Lump Sum	117,920.00	117,920.00
PROJECT Summary	Pay Items:	41 Items		Subtotal:	176,855,852.00
	Construction Engineering (Percentage)	6%		CENG	10,611,351.12
				Subtotal	187,467,203.12
	Indirect Cost Allocation Plan (ICAP)	4.66%			8,735,971.67
	TOTAL PARTICIPATING				196,203,174.79
	ADDED COSTS (Not part of the Contract)				
	CONSTRUCTION CONTINGENCY (15%)				26,528,377.80
	PROJECT TOTAL				222,731,552.59

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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
201 (1B)	Clearing	25	Acre	5,300.00	132,500.00
203 (2)	Rock Excavation	122,350	Cubic Yard	12.00	1,468,200.00
203 (3)	Unclassified Excavation	2,350	Cubic Yard	5.00	11,750.00
203 (10)	Controlled Blasting	6,170	Square Yard	19.00	117,230.00
203 (12)	Drain Holes	1,227	Linear Foot	3.25	3,987.75
203 (13)	Stabilization - Rock Bolt	138	Each	1,500.00	207,000.00
301 (1)	Aggregate Base Course, Grading ____	10,555	Ton	25.00	263,875.00
306 (1)	Asphalt Treated Base	5,084	Ton	42.00	213,528.00
401 (1)	Asphalt Concrete, Type II; Class B	6,120	Ton	50.00	306,000.00
401 (2)	Asphalt Cement, Grade 58-28	596	Ton	700.00	417,200.00
402 (1)	STE-1 Asphalt For Tack Coat	14	Ton	700.00	9,800.00
501 (13a)	Zone 4 Bridges, Standard	130	Linear Foot	8,250.00	1,072,500.00
501 (14)	Katzehin Bridge	2,590	Linear Foot	8,250.00	21,367,500.00
507 (6)	Safety Railing	650	Linear Foot	3.50	2,275.00
511 (1)	Mechanically Stabilized Earth Wall	5,310	Square Foot	50.00	265,500.00
603 (17-24)	24 Inch Pipe	1,160	Linear Foot	80.00	92,800.00
603 (17-36)	36 Inch Pipe	610	Linear Foot	140.00	85,400.00
603 (17-48)	48 Inch Pipe	190	Linear Foot	190.00	36,100.00
603 (17-60)	60 Inch Pipe	120	Linear Foot	290.00	34,800.00
603 (17-72)	72 Inch Pipe	60	Linear Foot	350.00	21,000.00
606 (1)	W-beam Guardrail	10,850	Linear Foot	27.50	298,375.00
606 (11)	Extruder Terminal (ET-2000)	21	Each	2,750.00	57,750.00

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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
611 (1B)	Riprap, Class IV	16,620	Cubic Yard	10.00	166,200.00
611 (3)	Riprap Slope Stabilization		Square Yard	10.50	0.00
614 (1a)	Monumentation with case	21	Each	530.00	11,130.00
615 (1)	Standard Sign	220	Square Foot	55.00	12,100.00
618 (1)	Seeding	12	Acre	2,150.00	25,800.00
630 (1)	Geotextile, Separation	5,060	Square Yard	2.50	12,650.00
633 (1)	Silt Fence	1,650	Linear Foot	4.00	6,600.00
640 (1)	Mobilization And Demobilization	All required	Lump Sum	2,200,000.00	2,200,000.00
641 (1)	Erosion And Pollution Control Administration	All required	Lump Sum	5,830.00	5,830.00
641 (2)	Temporary Erosion And Pollution Control	All required	Contingent Sum	165,000.00	165,000.00
641 (7)	Erosion And Pollution Control Price Adjustment	All required	Contingent Sum	0.00	0.00
642 (1)	Construction Surveying	All required	Lump Sum	77,000.00	77,000.00
670 (1)	Painted Traffic Markings	All required	Lump Sum	14,580.00	14,580.00
PROJECT Summary	Pay Items:	35 Items		Subtotal:	29,181,960.75
	Construction Engineering (Percentage)	6%		CENG Subtotal:	1,750,917.65 30,932,878.40
	Indirect Cost Allocation Plan (ICAP)	4.66%			1,441,472.13
	TOTAL PARTICIPATING				32,374,350.53
	ADDED COSTS (Not part of the Contract) CONSTRUCTION CONTINGENCY (5%)				1,459,098.04
	PROJECT TOTAL				33,833,448.57

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Basic Bid

Item Number	Description	Quantity	Unit	Unit Price	Amount
201 (1A)	Clearing	483	Acre	6,900.00	3,332,700.00
201 (1B)	Clearing - Zones 2,3 & 5	169	Acre	5,300.00	895,700.00
201 (6)	Selective Tree Removal	350	Each	320.00	112,000.00
202 (4)	Removal of Culvert Pipe	530	Linear Foot	15.00	7,950.00
203 (2)	Rock Excavation	4,910,510	Cubic Yard	12.00	58,926,120.00
203 (3)	Unclassified Excavation	1,104,460	Cubic Yard	5.00	5,522,300.00
203 (5)	Borrow	242,500	Cubic Yard	4.00	970,000.00
203 (10)	Controlled Blasting	238,780	Square Yard	19.00	4,536,820.00
203 (12)	Drain Holes	29,077	Linear Foot	3.25	94,500.25
203 (13)	Stabilization - Rock Bolt	5,378	Each	1,500.00	8,067,000.00
203 (19)	Barrier Rocks	4,000	Linear Foot	8.00	32,000.00
205 (3)	Foundation Fill	7,951	Cubic Yard	25.00	198,775.00
301 (1)	Aggregate Base Course, Grading ____	221,795	Ton	25.00	5,544,875.00
306 (1)	Asphalt Treated Base	103,589	Ton	42.00	4,350,738.00
401 (1)	Asphalt Concrete, Type II; Class B	109,740	Ton	50.00	5,487,000.00
401 (2)	Asphalt Cement, Grade 58-28	11,258	Ton	700.00	7,880,600.00
402 (1)	STE-1 Asphalt for Tack Coat	259	Ton	700.00	181,300.00
501 (1)	Class A Concrete	All required	Lump Sum	9,973,080.00	9,973,080.00
501 (2)	Class A-A Concrete	All required	Lump Sum	1,304,160.00	1,304,160.00
501 (7A)	Precast Concrete Member (128' Decked Bulb Tee)	18	Each	60,000.00	1,080,000.00
501 (7B)	Precast Concrete Member (143' Decked Bulb Tee)	228	Each	70,000.00	15,960,000.00
501 (7C)	Precast Concrete Member (118' Decked Bulb Tee)	12	Each	60,000.00	720,000.00

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Item Number	Description	Quantity	Unit	Unit Price	Amount
501 (8)	Concrete Price Adjustment	All required	Contingent Sum	0.00	0.00
501 (9)	Bridge Expansion Joint	660	Linear Foot	1,100.00	726,000.00
501 (10)	Screening Structure	6,510	Linear Foot	145.00	943,950.00
501 (11)	Precast Concrete Headwall	14	Each	5,000.00	70,000.00
501 (13a)	Zone 4 Bridges, Standard	2,145	Linear Foot	8,250.00	17,696,250.00
501 (13b)	Zone 4 Bridges, Special	789	Linear Foot	11,550.00	9,112,950.00
501 (13c)	Zone 4 Bridges, Heavy Duty	400	Linear Foot	16,500.00	6,600,000.00
501 (14)	Katzehin Bridge	2,590	Linear Foot	8,250.00	21,367,500.00
503 (1)	Reinforcing Steel	All required	Lump Sum	2,941,990.00	2,941,990.00
503 (2)	Epoxy-Coated Reinforcing Steel	All required	Lump Sum	1,332,490.00	1,332,490.00
504 (2)	Structural Steel	1,150,000	Pound	2.50	2,875,000.00
505 (5A)	Furnish Structural Steel Piles - HP14X117	787.5	Linear Foot	65.00	51,187.50
505 (5B)	Furnish Structural Steel Pipe Piles - 24 in	6,668	Linear Foot	125.00	833,500.00
505 (5C)	Furnish Structural Steel Pipe Piles - 48 in dia	15,161.4	Linear Foot	500.00	7,580,700.00
505 (6A)	Drive Structural Steel Piles - HP14X117	6	Each	5,000.00	30,000.00
505 (6b)	Drive Structural Steel Pipe Piles - 24 in dia	78	Each	7,500.00	585,000.00
505 (6C)	Drive Structural Steel Pipe Piles - 48 in dia	111	Each	25,000.00	2,775,000.00
505 (9)	Structural Steel Sheet Piles	3,200	Square Foot	45.00	144,000.00
507 (1)	Steel Bridge Railing	14,135	Linear Foot	225.00	3,180,375.00
507 (6)	Safety Railing	39,465	Linear Foot	3.50	138,127.50
511 (1)	Mechanically Stabilized Earth Wall	860,536	Square Foot	50.00	43,026,800.00
514 (1)	Tunnel, Dual Lane/Bi-Directional (300' to <800')	1,250	Linear Foot	9,200.00	11,500,000.00
515 (1)	Debris Flow Mitigation Structure	18	Each	250,000.00	4,500,000.00
602 (3A)	Structural Plate Arch 20' Span, 8'3 1/2" Rise, 7 Gage	50	Linear Foot	2,120.00	106,000.00
602 (3B)	Structural Plate Arch 31'9" Span, 10'2" Rise, 7 Gage	624	Linear Foot	3,900.00	2,433,600.00

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Item Number	Description	Quantity	Unit	Unit Price	Amount
603 (17-24)	24 Inch Pipe	26,877	Linear Foot	80.00	2,150,160.00
603 (17-36)	36 Inch Pipe	15,852	Linear Foot	140.00	2,219,280.00
603 (17-48)	48 Inch Pipe	3,924	Linear Foot	190.00	745,560.00
603 (17-60)	60 Inch Pipe	1,774	Linear Foot	290.00	514,460.00
603 (17-72)	72 Inch Pipe	814	Linear Foot	350.00	284,900.00
603 (17-144)	144 Inch Pipe	370	Linear Foot	750.00	277,500.00
606 (1)	W-beam Guardrail	102,057	Linear Foot	27.50	2,806,567.50
606 (11)	Extruder Terminal (ET-2000)	185	Each	2,750.00	508,750.00
606 (12)	Guardrail/bridge Rail Connection	36	Each	3,000.00	108,000.00
610 (3)	Ditch Lining	25	Station	750.00	18,750.00
611 (1A)	Riprap, Class II	3,885	Cubic Yard	10.00	38,850.00
611 (1B)	Riprap, Class IV	122,000	Cubic Yard	10.00	1,220,000.00
611 (3)	Riprap Slope Stabilization	32,022	Square Yard	10.50	336,231.00
614 (1a)	Monumentation with case	190	Each	530.00	100,700.00
615 (1)	Standard Sign	3,872	Square Foot	55.00	212,960.00
618 (1)	Seeding	206	Acre	2,150.00	442,900.00
619 (2)	Matting	59,000	Square Yard	2.50	147,500.00
630 (1)	Geotextile, Separation	176,000	Square Yard	2.50	440,000.00
631 (2)	Geotextile, Erosion Control, Class 1	3,740	Square Yard	2.00	7,480.00
633 (1)	Silt Fence	72,000	Linear Foot	4.00	288,000.00
637 (1)	Reinforced Soil Slope	500	Square Foot	20.00	10,000.00
640 (1)	Mobilization And Demobilization	All required	Lump Sum	32,853,660.00	32,853,660.00
641 (1)	Erosion And Pollution Control Administration	All required	Lump Sum	79,500.00	79,500.00
641 (2)	Temporary Erosion And Pollution Control	All required	Contingent Sum	2,029,410.00	2,029,410.00
641 (5)	Preliminary Seeding	47	Acre	2,500.00	117,500.00

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Item Number	Description	Quantity	Unit	Unit Price	Amount
641 (6)	Temporary Rock Check Dam	540	Each	100.00	54,000.00
641 (7)	Erosion And Pollution Control Price Adjustment	All required	Contingent Sum	0.00	0.00
641 (8)	Settling Pool	8	Each	530.00	4,240.00
642 (1)	Construction Surveying	All required	Lump Sum	1,565,000.00	1,565,000.00
642 (3)	Three Person Survey Party	700	Hour	250.00	175,000.00
644 (1)	Field Office	3	Each	25,000.00	75,000.00
644 (2)	Field Laboratory	3	Each	25,000.00	75,000.00
644 (3)	Curing Shed	All required	Lump Sum	5,300.00	5,300.00
644 (4)	Meal	All required	Contingent Sum	848,000.00	848,000.00
644 (5)	Lodging	All required	Contingent Sum	636,000.00	636,000.00
644 (8a)	Vehicle, 4X4 SUV	216	Each/Month	400.00	86,400.00
644 (8b)	Vehicle, 4X4 ATV	288	Each/Month	150.00	43,200.00
644 (15)	Nuclear Testing Equipment Storage Shed	All required	Lump Sum	79,500.00	79,500.00
644 (16)	Storage Container	All required	Lump Sum	16,000.00	16,000.00
645 (1)	Training Program, 2 Trainees/Apprentices	3,000	Labor Hour	10.00	30,000.00
646 (1)	CPM Scheduling	All required	Lump Sum	53,000.00	53,000.00
670 (1)	Painted Traffic Markings	All required	Lump Sum	256,510.00	256,510.00
PROJECT Summary	Pay Items:	89 Items		Subtotal:	327,688,806.75
	Construction Engineering (Percentage)	6%		CENG Subtotal	19,661,328.41
	Indirect Cost Allocation Plan (ICAP)	4.66%			16,186,516.30
	TOTAL PARTICIPATING				363,536,651.46
	ADDED COSTS (Not part of the Contract)				
	CONSTRUCTION CONTINGENCY				34,070,025.54
	PROJECT TOTAL				397,606,677.00