

Engineer's Estimate

City of Wasilla -- Wasilla Airport Master Plan

Project Name:

Complete and Pave GA Apron Expansion and Airport Access Road

Item No	Pay Item	Pay Unit	Quantity	Unit Price	Amount
G-100a	Mobilization and Demobilization	Lump Sum	All Required	\$80,000.00	\$80,000.00
G-131a	Engineering Transportation (Truck)	Each	1	\$12,000.00	\$12,000.00
G-135a	Construction Surveying by the Contractor	Lump Sum	All Required	\$50,000.00	\$50,000.00
G-135b	Extra Three Person Survey Party	Hour	10	\$300.00	\$3,000.00
G-150a	Equipment Rental, Forklift	Hour	50	\$300.00	\$15,000.00
P-151a	Clearing	Acre	17	\$1,500.00	\$25,500.00
P-152a	Unclassified Excavation	Cubic Yard	155,600	\$12.00	\$1,867,200.00
P-152h	Borrow	Cubic Yard	138,600	\$12.00	\$1,663,200.00
P-154b	Subbase	Ton	18,700	\$14.00	\$261,800.00
P-157a	Erosion, Sediment, and Pollution Control Administration	Lump Sum	All Required	\$10,000.00	\$10,000.00
P-157b	Temporary Erosion, Sediment, and and Pollution Control	Lump Sum	All Required	\$20,000.00	\$20,000.00
P-157e	Erosion, Sediment, and Pollution Control Price Adjustment	Lump Sum	All Required	\$0.00	\$0.00
P-157f	SWPPP Manager	Lump Sum	All Required	\$15,000.00	\$15,000.00
P-209b	Crushed Aggregate Base Course	Ton	16,800	\$45.00	\$756,000.00
P-401a	Hot Mix Ashphalt	Ton	5,700	\$125.00	\$712,500.00
P-401b	Hot Mix Ashphalt Price Adjustment	Contingent Sum	All Required	\$52,000.00	\$52,000.00
P-401c	Asphalt Cement	Ton	320	\$1,000.00	\$320,000.00
T-901b	Seeding	Pound	600	\$75.00	\$45,000.00
T-901c	Water for Maintenance	M-Gal	2,750	\$40.00	\$110,000.00
T-905a	Topsoil	Square Yard	60,900	\$3.50	\$213,150.00

Project Subtotal: \$6,231,350.00

Design Contingency (20%) \$1,246,270.00

Subtotal: \$7,477,620.00

CA (15%) \$1,121,643.00

Design (6%) \$448,657.20

ICAP (5%) \$373,881.00

Project Total: \$9,421,801.20

Engineer's Estimate

City of Wasilla -- Wasilla Airport Master Plan

Project Name:

Seaplane Base -Parallel Water Lane

Item No	Pay Item	Pay Unit	Quantity	Unit Price	Amount
G-100a	Mobilization and Demobilization	Lump Sum	All Required	\$80,000.00	\$80,000.00
G-131a	Engineering Transportation (Truck)	Each	1	\$12,000.00	\$12,000.00
G-135a	Construction Surveying by the Contractor	Lump Sum	All Required	\$50,000.00	\$50,000.00
G-135b	Extra Three Person Survey Party	Hour	10	\$300.00	\$3,000.00
G-150a	Equipment Rental, Forklift	Hour	50	\$300.00	\$15,000.00
P-151a	Clearing	Acre	200	\$1,500.00	\$300,000.00
P-152a	Unclassified Excavation	Cubic Yard	722,000	\$6.00	\$4,332,000.00
P-152a(1)	Common Excavation	Cubic Yard	77,000	\$3.50	\$269,500.00
P-154b	Subbase	Ton	12,200	\$14.00	\$170,800.00
P-157a	Erosion and Pollution Control Administration	Lump Sum	All Required	\$10,000.00	\$10,000.00
P-157b	Temporary Erosion and Pollution Control	Lump Sum	All Required	\$20,000.00	\$20,000.00
P-157e	Erosion and Pollution Control Price Adjustment	Lump Sum	All Required	\$0.00	\$0.00
P-157f	SWPPP Manager	Lump Sum	All Required	\$15,000.00	\$15,000.00
P-208c	Crushed Aggregate Surface Course	Ton	8000	\$18.00	\$144,000.00
P-209b	Crushed Aggregate Base Course	Ton	3900	\$18.00	\$70,200.00
P-401a	Hot Mix Asphalt	Ton	1650	\$125.00	\$206,250.00
P-401b	Hot Mix Asphalt Price Adjustment	Contingent Sum	All Required	\$10,500.00	\$10,500.00
P-510a	Portland Cement Concrete	Cubic Yard	100	\$450.00	\$45,000.00
P-650a	Soil Anchor Tie-down	Set	60	\$1,000.00	\$60,000.00
T-901b	Seeding	Pound	200	\$75.00	\$15,000.00
T-901c	Water for Maintenance	M-Gal	900	\$40.00	\$36,000.00
T-905a	Topsoil	Square Yard	21,500	\$3.50	\$75,250.00
	Dam	Lump Sum	All Required	\$1,500,000	\$1,500,000.00

Project Subtotal: \$7,439,500.00

Design Contingency (10%) \$743,950.00

Subtotal: \$8,183,450.00

Design/CA (12%) \$982,014.00

ICAP (5%) \$409,172.50

Project Total: \$9,574,636.50

Engineer's Estimate

City of Wasilla -- Wasilla Airport Master Plan

Project Name:

Runway and Parallel Taxiway Extension, and ILS Equipment Installation

Item No	Pay Item	Pay Unit	Quantity	Unit Price	Amount
G-100a	Mobilization and Demobilization	Lump Sum	All Required	\$80,000.00	\$80,000.00
G-131a	Engineering Transportation (Truck)	Each	1	\$12,000.00	\$12,000.00
G-135a	Construction Surveying by the Contractor	Lump Sum	All Required	\$50,000.00	\$50,000.00
G-135b	Extra Three Person Survey Party	Hour	10	\$300.00	\$3,000.00
G-150a	Equipment Rental, Forklift	Hour	50	\$300.00	\$15,000.00
L-100a	Airport Lighting	Lump Sum	All Required	\$150,000.00	\$150,000.00
L-XXX	Localizer and Glide Slope Installation	Lump Sum	All Required	\$1,500,000.00	\$1,500,000.00
P-151a	Clearing	Acre	15	\$1,500.00	\$22,500.00
P-152h	Borrow	Cubic Yard	597,200	\$12.00	\$7,166,400.00
P-154b	Subbase	Ton	56,600	\$14.00	\$792,400.00
P-157a	Erosion, Sediment, and Pollution Control Administration	Lump Sum	All Required	\$10,000.00	\$10,000.00
P-157b	Temporary Erosion, Sediment, and and Pollution Control	Lump Sum	All Required	\$20,000.00	\$20,000.00
P-157e	Erosion, Sediment, and Pollution Control Price Adjustment	Lump Sum	All Required	\$0.00	\$0.00
P-157f	SWPPP Manager	Lump Sum	All Required	\$15,000.00	\$15,000.00
P-208c	Crushed Aggregate Surface Course	Ton	3,425	\$45.00	\$154,125.00
P-209b	Crushed Aggregate Base Course	Ton	12,500	\$45.00	\$562,500.00
P-401a	Hot Mix Asphalt	Ton	3,300	\$125.00	\$412,500.00
P-401b	Hot Mix Asphalt Price Adjustment	Contingent Sum	All Required	\$30,000.00	\$30,000.00
P-401c	Asphalt Cement	Ton	185	\$1,000.00	\$185,000.00
T-901b	Seeding	Pound	200	\$75.00	\$15,000.00
T-901c	Water for Maintenance	M-Gal	300	\$40.00	\$12,000.00
T-905a	Topsoil	Square Yard	21,500	\$3.50	\$75,250.00

Project Subtotal: \$11,282,675.00

Design Contingency (20%) \$2,256,535.00

Subtotal: \$13,539,210.00

CA (15%) \$2,030,881.50

Design (6%) \$812,352.60

ICAP (5%) \$676,960.50

Project Total: \$17,059,404.60

Engineer's Estimate

City of Wasilla -- Wasilla Airport Master Plan

Project Name:

**North Airpark Development (Taxiways C, D, Crosswind Court
Extension, and Lease Lot Development)**

Item No	Pay Item	Pay Unit	Quantity	Unit Price	Amount
G-100a	Mobilization and Demobilization	Lump Sum	All Required	\$80,000.00	\$80,000.00
G-131a	Engineering Transportation (Truck)	Each	1	\$12,000.00	\$12,000.00
G-135a	Construction Surveying by the Contractor	Lump Sum	All Required	\$50,000.00	\$50,000.00
G-135b	Extra Three Person Survey Party	Hour	10	\$300.00	\$3,000.00
G-150a	Equipment Rental, Forklift	Hour	50	\$300.00	\$15,000.00
P-151a	Clearing	Acre	30	\$1,500.00	\$45,000.00
P-152a	Unclassified Excavation	Cubic Yard	346,000	\$12.00	\$4,152,000.00
P-152h	Borrow	Cubic Yard	66,800	\$12.00	\$801,600.00
P-154b	Subbase	Ton	42,800	\$14.00	\$599,200.00
P-157a	Erosion, Sediment, and Pollution Control Administration	Lump Sum	All Required	\$10,000.00	\$10,000.00
P-157b	Temporary Erosion, Sediment, and and Pollution Control	Lump Sum	All Required	\$20,000.00	\$20,000.00
P-157e	Erosion, Sediment, and Pollution Control Price Adjustment	Lump Sum	All Required	\$0.00	\$0.00
P-157f	SWPPP Manager	Lump Sum	All Required	\$15,000.00	\$15,000.00
P-209b	Crushed Aggregate Base Course	Ton	10,600	\$45.00	\$477,000.00
P-401a	Hot Mix Asphalt	Ton	5,000	\$125.00	\$625,000.00
P-401b	Hot Mix Asphalt Price Adjustment	Contingent Sum	All Required	\$46,000.00	\$46,000.00
P-401c	Asphalt Cement	Ton	285	\$1,000.00	\$285,000.00
T-901c	Water for Maintenance	M-Gal	5,800	\$40.00	\$232,000.00

Project Subtotal: \$7,467,800.00

Design Contingency (20%) \$1,493,560.00

Subtotal: \$8,961,360.00

CA (15%) \$1,344,204.00

Design (6%) \$537,681.60

ICAP (5%) \$448,068.00

Project Total: \$11,291,313.60

Engineer's Estimate

City of Wasilla -- Wasilla Airport Master Plan

Project Name:

Taxiway K, Heliport, and Lease Lot Development

Item No	Pay Item	Pay Unit	Quantity	Unit Price	Amount
G-100a	Mobilization and Demobilization	Lump Sum	All Required	\$80,000.00	\$80,000.00
G-131a	Engineering Transportation (Truck)	Each	1	\$12,000.00	\$12,000.00
G-135a	Construction Surveying by the Contractor	Lump Sum	All Required	\$50,000.00	\$50,000.00
G-135b	Extra Three Person Survey Party	Hour	10	\$300.00	\$3,000.00
G-150a	Equipment Rental, Forklift	Hour	50	\$300.00	\$15,000.00
P-151a	Clearing	Acre	20	\$1,500.00	\$30,000.00
P-152a	Unclassified Excavation	Cubic Yard	2,100	\$12.00	\$25,200.00
P-152h	Borrow	Cubic Yard	535,600	\$12.00	\$6,427,200.00
P-154b	Subbase	Ton	67,200	\$14.00	\$940,800.00
P-157a	Erosion, Sediment, and Pollution Control Administration	Lump Sum	All Required	\$10,000.00	\$10,000.00
P-157b	Temporary Erosion, Sediment, and and Pollution Control	Lump Sum	All Required	\$20,000.00	\$20,000.00
P-157e	Erosion, Sediment, and Pollution Control Price Adjustment	Lump Sum	All Required	\$0.00	\$0.00
P-157f	SWPPP Manager	Lump Sum	All Required	\$15,000.00	\$15,000.00
P-209b	Crushed Aggregate Base Course	Ton	6,800	\$45.00	\$306,000.00
P-401a	Hot Mix Asphalt	Ton	3,350	\$125.00	\$418,750.00
P-401b	Hot Mix Asphalt Price Adjustment	Contingent Sum	All Required	\$31,000.00	\$31,000.00
P-401c	Asphalt Cement	Ton	190	\$1,000.00	\$190,000.00
T-901b	Seeding	Pound	200	\$75.00	\$15,000.00
T-901c	Water for Maintenance	M-Gal	300	\$40.00	\$12,000.00
T-905a	Topsoil	Square Yard	21,500	\$3.50	\$75,250.00

Project Subtotal: \$8,676,200.00

Design Contingency (20%) \$1,735,240.00

Subtotal: \$10,411,440.00

CA (15%) \$1,561,716.00

Design (6%) \$624,686.40

ICAP (5%) \$520,572.00

Project Total: \$13,118,414.40

Engineer's Estimate

City of Wasilla -- Wasilla Airport Master Plan

Project Name:

East Apron Expansion

Item No	Pay Item	Pay Unit	Quantity	Unit Price	Amount
G-100a	Mobilization and Demobilization	Lump Sum	All Required	\$80,000.00	\$80,000.00
G-131a	Engineering Transportation (Truck)	Each	1	\$12,000.00	\$12,000.00
G-135a	Construction Surveying by the Contractor	Lump Sum	All Required	\$50,000.00	\$50,000.00
G-135b	Extra Three Person Survey Party	Hour	10	\$300.00	\$3,000.00
G-150a	Equipment Rental, Forklift	Hour	50	\$300.00	\$15,000.00
P-151a	Clearing	Acre	14	\$1,500.00	\$21,000.00
P-152a	Unclassified Excavation	Cubic Yard	203,700	\$12.00	\$2,444,400.00
P-152h	Borrow	Cubic Yard	29,150	\$12.00	\$349,800.00
P-154b	Subbase	Ton	42,400	\$14.00	\$593,600.00
P-157a	Erosion, Sediment, and Pollution Control Administration	Lump Sum	All Required	\$10,000.00	\$10,000.00
P-157b	Temporary Erosion, Sediment, and and Pollution Control	Lump Sum	All Required	\$20,000.00	\$20,000.00
P-157e	Erosion, Sediment, and Pollution Control Price Adjustment	Lump Sum	All Required	\$0.00	\$0.00
P-157f	SWPPP Manager	Lump Sum	All Required	\$15,000.00	\$15,000.00
P-209b	Crushed Aggregate Base Course	Ton	21,500	\$45.00	\$967,500.00
P-401a	Hot Mix Asphalt	Ton	7,300	\$125.00	\$912,500.00
P-401b	Hot Mix Asphalt Price Adjustment	Contingent Sum	All Required	\$66,000.00	\$66,000.00
P-401c	Asphalt Cement	Ton	405	\$1,000.00	\$405,000.00
T-901c	Water for Maintenance	M-Gal	300	\$40.00	\$12,000.00

Project Subtotal: \$5,976,800.00

Design Contingency (20%) \$1,195,360.00

Subtotal: \$7,172,160.00

CA (15%) \$1,075,824.00

Design (6%) \$430,329.60

ICAP (5%) \$358,608.00

Project Total: \$9,036,921.60