

BID SCHEDULE

Engineers Estimate

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

The bidder shall insert a unit bid price for each pay item listed below. Type or print legibly.

Pay Item Number	Pay Item Description	Pay Unit	Quantity	Unit Bid Price	Amount Bid
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Basic Bid

G-100a	Mobilization and Demobilization	L.S.	All Req'd	\$
G-130a	Field Office	L.S.	All Req'd	\$
G-130b	Field Laboratory	L.S.	All Req'd	\$
G-131b	Engineering Transportation (ATV)	Each	1	\$
G-135a	Construction Surveying by the Contractor	L.S.	All Req'd	\$
G-135b	Conditional Survey Party	hr	15	\$
G-150a	Equipment Rental, Wide Pad Dozer 65 HP min.	hr	30	\$
P-152j	Porous Backfill	C.Y.	7300	\$
P-157a	Erosion and Pollution Control Administration	L.S.	All Req'd	\$
P-157b	Temporary Erosion and Pollution Control	C.S.	All Req'd	\$
P-208a	Crushed Aggregate Surface Course	C.Y.	35	\$
P-209a	Crushed Aggregate Base Course	C.Y.	550	\$
P-31Xx	Emulsion Stabilized Base Course	S.Y.	1600	\$
P-31Xx	Asphalt Cement	Ton	132	\$
P-31Xx	Portland Cement	Ton	45	\$
P-680a	Silt Fence	ft	18500	\$
P-681a	Geotextile, Separation	S.Y.	15400	\$

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Total Basic Bid (BB):

Project Design (PD) @ 15%:

Construction Engineering (CE) @ 15%:

ICAP @ 4.05%:

Project Total (BB + PD + CE + ICAP):

INTERIM PROJECT ESTIMATE 

*** Estimate based on the following:**

Access Road:

- 1.6 mile two-way single lane access road with pullouts every 1000'
- Typical section: geotextile, separation overlain with 18" of material less than 8"

Runway Repairs:

- Runway repairs based on 566' x 75' area.
- Typical section: 12" Emulsion Treated Base capped with single High Float application.

Backup information is located in the project file.

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Basic Bid

D-701a	Corrugated Metal Pipe, 36 inch	L.F.	850	\$
D-760c	Thaw Wire Installation	L.F.	850	\$
F-162a	8-ft. Chain Link Fence	L.F.	9500	\$
F-162b	12-ft. Single Swing Gate	Each	1	\$
G-100a	Mobilization and Demobilization	L.S.	All Req'd	\$
G-130a	Field Office	L.S.	All Req'd	\$
G-130b	Field Laboratory	L.S.	All Req'd	\$
G-131a	Engineering Transportation (Truck)	Each	1	\$
G-131b	Engineering Transportation (ATV)	Each	1	\$
G-135a	Construction Surveying by the Contractor	L.S.	All Req'd	\$
G-135b	Conditional Survey Party	hr	40	\$
G-135c	Monuments by the Contractor	L.S.	All Req'd	\$
G-150a	Equipment Rental, Wide Pad Dozer 65 HP min.	hr	30	\$
X-XXXx	Runway Lighting	L.S.	All Req'd	\$
X-XXXx	Taxiway Lighting	L.S.	All Req'd	\$
X-XXXx	Temporary Edge Lighting	L.S.	All Req'd	\$
L-101b	Rotating Beacon - Medium Intensity, L-801A	Each	1	\$

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Pay Item Number	Pay Item Description	Pay Unit	Quantity	Unit Bid Price	Amount Bid
L-107a	8-ft. Lighted Wind Cone, In Place	Each	1	\$	
L-107c	8-ft. Unlighted Wind Cone, In Place	Each	1	\$	
L-109c	Electrical Enclosure and Foundation in Place	Each	1	\$	
L-109d	Installation of Electrical Equipment in New or Existing Structure	Each	1	\$	
P-152h	Borrow Embankment	C.Y.	548350	\$	
P-157a	Erosion and Pollution Control Administration	L.S.	All Req'd	\$	
P-157b	Temporary Erosion and Pollution Control	C.S.	All Req'd	\$	
P-160a	Excavation and Disposal of Pavement	S.Y.	40000	\$	
P-165a	Removal and Disposal of Existing Structures	L.S.	All Req'd	\$	
P-208a	Crushed Aggregate Surface Course	C.Y.	3150	\$	
P-209a	Crushed Aggregate Base Course	C.Y.	38650	\$	
P-401a	Asphalt Concrete (PG 52-28)	Ton	16300	\$	
P-401c	Asphalt Cement (PG 52-28)	Ton	897	\$	
P-603a	Bituminous Tack Coat	Ton	27	\$	
P-620c	Runway and Taxiway Painting	L.S.	All Req'd	\$	
P-630a	Pavement Grooving	S.Y.	37500	\$	
P-640b	Segmented Circle (Panel Type)	L.S.	All Req'd	\$	
P-650a	Soil Anchor Tie-down	Set	3	\$	
P-660x	Reflective Markers	L.S.	All Req'd	\$	
P-660d	Delineator, Flexible	L.S.	All Req'd	\$	
P-661x	Standard Sign	L.S.	All Req'd	\$	

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Pay Item Number	Pay Item Description	Pay Unit	Quantity	Unit Bid Price	Amount Bid
P-671a	Runway Closure Marker	Each	2	\$	
P-680a	Silt Fence	L.F.	8600	\$	
P-681a	Geotextile, Separation	S.Y.	174650	\$	
S-142c	Equipment Storage Building (Steel Floor on Skid)	Each	2	\$	
S-142d	Rotating Beacon Roof Access System	Each	1	\$	
S-142e	Hoist System	Each	1	\$	
S-142f	Heating System	Each	1	\$	
S-143a	Heating Fuel Tank (1000 G)	Each	1	\$	
S-143b	Fuel (2000 G)	L.S.	All Req'd	\$	
S-143d	Electric Dispensing System	Each	1	\$	
S-143e	Motor Vehicle Fuel-Dispensing Tank (1000 G)	Each	1	\$	
T-901b	Seeding	lb	215	\$	
T-908d	Mulching	lb	7534	\$	

Total Basic Bid (BB):
Project Design (PD) @ 15%:
Construction Engineering (CE) @ 15%
ICAP @ 4.05%:
Project Total (BB + PD + CE + ICAP):

EXISTING AIRPORT RECONSTRUCTION ESTIMATE -

BID SCHEDULE

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Possible Additive Alternates:

X-XXXXx	Crosswind Runway	L.S.	All Req'd	\$
X-XXXXx	Electrical Line Extension	Mile	0.3	\$
X-XXXXx	Beach Access Road	L.S.	All Req'd	\$
X-XXXXx	Erosion Repair	L.S.	All Req'd	\$

*** Estimate based on the following:**

The utilization of the existing facilities has been considered in preparation of this estimate

Design Criteria:

- Design Aircraft: DC-6 (B-III)
- NPI w/visibility > 1 mile / PAPI & REIL pads will be constructed
- Medium intensity lighting, wind cones, segmented circle, rotating beacon included
- Two single bay SRE buildings (steel skid) included
- Chain link fence will surround AOA
- Geotextile will be placed under all embankment
- Assume existing right of way sufficient for possible crosswind runway

Runway:

- 4500' x 75' w/ 5100' x 150' safety area
- Typical section: 4' embankment (above existing) / 1' CABG / 4 inches asphalt

Apron:

- 900' x 300' w/ 20' access road
- Typical section: Variable embankment / surface same as runway
- 5 150' x 150' lease lots & 150' x 150' SRE building pad

Taxiway:

- Parallel taxiways - 400' x 50' w/ 400' x 120' safety area
- Typical section: 6.5' embankment / surface same as runway

Access Road:

- 7920' x 18' two-lane road
- Typical section: 5' embankment / 6 inches CASC

Typical sections located in Appendix IV

Backup information is located in the project file.

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Basic Bid

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D-760c	Thaw Wire Installation	L.F.	1650	\$
F-162a	8-ft. Chain Link Fence	L.F.	16450	\$
F-162b	12-ft. Single Swing Gate	Each	1	\$
G-100a	Mobilization and Demobilization	L.S.	All Req'd	\$
G-130a	Field Office	L.S.	All Req'd	\$
G-130b	Field Laboratory	L.S.	All Req'd	\$
G-131a	Engineering Transportation (Truck)	Each	1	\$
G-131b	Engineering Transportation (ATV)	Each	1	\$
G-135a	Construction Surveying by the Contractor	L.S.	All Req'd	\$
G-135b	Conditional Survey Party	hr	40	\$
G-135c	Monuments by the Contractor	L.S.	All Req'd	\$
G-150a	Equipment Rental, Wide Pad Dozer 65 HP min.	hr	30	\$
X-XXXx	Runway Lighting	L.S.	All Req'd	\$
X-XXXx	Taxiway Lighting	L.S.	All Req'd	\$
X-XXXx	Temporary Edge Lighting	L.S.	All Req'd	\$
L-101b	Rotating Beacon - Medium Intensity, L-801A	Each	1	\$

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L-107c	8-ft. Unlighted Wind Cone, In Place	Each	1	\$	
L-109c	Electrical Enclosure and Foundation in Place	Each	1	\$	
L-109d	Installation of Electrical Equipment in New or Existing Structure	Each	1	\$	
P-152h	Borrow Embankment	C.Y.	526600	\$	
P-157a	Erosion and Pollution Control Administration	L.S.	All Req'd	\$	
P-157b	Temporary Erosion and Pollution Control	C.S.	All Req'd	\$	
P-160a	Excavation and Disposal of Pavement	S.Y.	40000	\$	
P-165a	Removal and Disposal of Existing Structures	L.S.	All Req'd	\$	
P-208a	Crushed Aggregate Surface Course	C.Y.	5960	\$	
P-209a	Crushed Aggregate Base Course	C.Y.	38650	\$	
P-401a	Asphalt Concrete (PG 52-28)	Ton	16300	\$	
P-401c	Asphalt Cement (PG 52-28)	Ton	897	\$	
P-603a	Bituminous Tack Coat	Ton	27	\$	
P-620c	Runway and Taxiway Painting	L.S.	All Req'd	\$	
P-630a	Pavement Grooving	S.Y.	37500	\$	
P-640b	Segmented Circle (Panel Type)	L.S.	All Req'd	\$	
P-650a	Soil Anchor Tie-down	Set	3	\$	
P-660x	Reflective Markers	L.S.	All Req'd	\$	
P-660d	Delineator, Flexible	L.S.	All Req'd	\$	

Hooper Bay
Relocation Estimate (12/04)

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Pay Item Number	Pay Item Description	Pay Unit	Quantity	Unit Bid Price	Amount Bid
P-661x	Standard Sign	L.S.	All Req'd	\$	
P-671a	Runway Closure Marker	Each	2	\$	
P-680a	Silt Fence	L.F.	46800	\$	
P-681a	Geotextile, Separation	S.Y.	267360	\$	
S-142c	Equipment Storage Building (Steel Floor on Skid)	Each	2	\$	
S-142d	Rotating Beacon Roof Access System	Each	1	\$	
S-142e	Hoist System	Each	1	\$	
S-142f	Heating System	Each	1	\$	
S-143a	Heating Fuel Tank (1000 G)	Each	1	\$	
S-143b	Fuel (2000 G)	L.S.	All Req'd	\$	
S-143d	Electric Dispensing System	Each	1	\$	
S-143e	Motor Vehicle Fuel-Dispensing Tank (1000 G)	Each	1	\$	
T-901b	Seeding	lb	300	\$	
T-908d	Mulching	lb	10460	\$	
X-XXXx	Stream Crossing	S.F.	1800	\$	

Total Basic Bid (BB):
Project Design (PD) @ 15%:
Construction Engineering (CE) @ 15%
ICAP @ 4.05%:

Project Total (BB + PD + CE + ICAP):

AIRPORT RELOCATION ESTIMATE 

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Possible Additive Alternates:

X-XXXx	Crosswind Runway	L.S.	All Req'd
X-XXXx	Electrical Line Extension	Mile	3.5
X-XXXx	Property Acquisition	Acre	325

*** Estimate based on the following:**

Design Criteria:

- Design Aircraft: DC-6 (B-III)
- NPI w/visibility > 1 mile / PAPI & REIL pads will be constructed
- Medium intensity lighting, wind cones, segmented circle, rotating beacon included
- Two single bay SRE buildings (steel skid) included
- Chain link fence will surround AOA
- Geotextile will be placed under all embankment

Runway:

- 4500' x 75' w/ 5100' x 150' safety area
- Typical section: 9' embankment / 1' CABC / 4 inches asphalt

Apron:

- 900' x 300' w/ 20' access road
- Typical section: Variable embankment / surface same as runway
- 5 150' x 150' lease lots & 150' x 150' SRE building pad

Taxiway:

- Parallel taxiways - 400' x 50' w/ 400' x 120' safety area
- Typical section: 6.5' embankment / surface same as runway

Access Road:

- 3 miles x 18' two-lane road
- Typical section: 5' embankment / 6 inches CASC

Typical sections located in Appendix IV

Backup information is located in the project file.