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
	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	Pourous 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	$	

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

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.

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

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	$

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
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	$	

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
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

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

Possible Additive Alternates:

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

<u>* Estimate based on the following:</u>

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 embankement
- 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' 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:
- 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.

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

Basic Bid

D-701a	Corrugated Metal Pipe, 36 inch	L.F.	1650	$
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	$

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
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.	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	$	

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
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

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

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.