

AIP 3-40-0090-026-2018 Bid #1-18/19

Rehabilitate Runway 4-22 and Replace Existing Lighting with LED Lighting

Bid were opened in the office of the City Clerk, City Hall, 723 South Lewis
(P. O. Box 1449), Rm. 1112B, Stillwater, Oklahoma 74076, at 3:00 P.M., on August 8, 2018.

Stillwater Regional Airport, Stillwater, Oklahoma

Item	Description	Quantity	Unit	Ellsworth		Haskell Lemon		Engineer's Estimate LBR Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
BASE BID A									
1	Traffic Maintenance	1	LS	\$175,000.00	\$175,000.00	\$70,000.00	\$70,000.00	\$80,000.00	\$80,000.00
2	Mobilization, Bonds, Permits, and Temporary Erosion Control	1	LS	320,000.00	320,000.00	150,000.00	150,000.00	300,000.00	300,000.00
3	Saw Cut - Full Depth Asphalt or Concrete	8,000	LF	4.00	32,000.00	3.15	25,200.00	6.00	48,000.00
4	Break-Up, Removal, and Disposal of Existing Pavement - Material and Thickness May Vary - Waste On Airport Property	2,000	SY	12.00	24,000.00	16.50	33,000.00	10.00	20,000.00
5	Unclassified Excavation: Strip Topsoil 6" Thick, Stockpile or Waste on Airport Property	2,400	CY	10.50	25,200.00	10.00	24,000.00	6.00	14,400.00
6	Embankment in Place: Borrow	2,900	CY	18.00	52,200.00	25.00	72,500.00	20.00	58,000.00
7	Embankment in Place: Normal Embankment to Required Grades (Shouldering)	2,900	CY	10.00	29,000.00	15.00	43,500.00	8.00	23,200.00
8	Embankment in Place: Replace Topsoil 6" Thick	2,400	CY	10.50	25,200.00	15.00	36,000.00	7.00	16,800.00
9	Milling of Existing Asphalt or Concrete Pavement - 0 to 3" Depth	9,700	SY	12.00	116,400.00	7.00	67,900.00	14.00	135,800.00
10	Construct P-401 Bituminous Surface Course	6,000	Tons	97.00	582,000.00	128.50	771,000.00	140.00	840,000.00
11	Install Low Elongation Paving Fabric with Bituminous Binder	47,200	SY	5.50	259,600.00	4.50	212,400.00	5.50	259,600.00
12	Construct P-403 Bituminous Base Course / Leveling Course	8,600	Tons	95.00	817,000.00	136.50	1,173,900.00	130.00	1,118,000.00
13	Bituminous Tack Coat - Est'd at 0.10 Gal / SY	4,800	Gal	3.30	15,840.00	4.15	19,920.00	6.00	28,800.00
14	Crack Seal the Existing Runway 4-22 (Cracks 1/2" to 1")	14,000	LF	4.50	63,000.00	2.75	38,500.00	4.00	56,000.00
15	Crack Seal the Existing Runway 4-22 (Cracks 1" to 3")	2,700	LF	18.00	48,600.00	22.50	60,750.00	4.50	12,150.00
16	Construct ~10" Thick Concrete Repair in Existing Paving	800	CY	400.00	320,000.00	220.00	176,000.00	150.00	120,000.00
17	Permanent Painting with Reflective Media (White or Yellow Paint)	17,000	SF	3.50	59,500.00	1.45	24,650.00	2.00	34,000.00
18	Permanent Painting with Reflective Media (Black Paint)	120	SF	5.00	600.00	2.20	264.00	4.00	480.00
19	Permanent Painting with Reflective Media (Red Paint)	120	SF	5.00	600.00	3.30	396.00	4.00	480.00
20	Paint Removal	200	SF	10.00	2,000.00	13.80	2,760.00	10.00	2,000.00
21	Seeding (Permanent or Temporary) Including Fertilizer and Watering	4	AC	6,200.00	24,800.00	3,300.00	13,200.00	3,500.00	14,000.00
22	Solid Slab Bermuda Grass Sodding (Including Fertilizer and Watering)	12,000	SY	6.25	75,000.00	4.40	52,800.00	4.00	48,000.00
23	Insurance Premium to Add City & Engineer as Additional Insureds to Contractor's Liability Policy	1	LS	0.00	0.00	1,200.00	1,200.00	500.00	500.00
Total Base Bid A					3,067,540.00		3,069,840.00		3,230,210.00

BASE BID B									
1	Traffic Maintenance	1	LS	\$170,000.00	\$170,000.00	\$70,000.00	\$70,000.00	\$80,000.00	\$80,000.00
2	Mobilization, Bonds, Permits, and Temporary Erosion Control	1	LS	315,000.00	315,000.00	235,000.00	235,000.00	300,000.00	300,000.00
3	Saw Cut - Full Depth Asphalt or Concrete	8,000	LF	4.00	32,000.00	3.15	25,200.00	6.00	48,000.00
4	Break-Up, Removal, and Disposal of Existing Pavement - Material and Thickness May Vary - Waste On Airport Property	2,000	SY	12.00	24,000.00	16.50	33,000.00	10.00	20,000.00
5	Unclassified Excavation: Strip Topsoil 6" Thick, Stockpile or Waste on Airport Property	2,000	CY	10.50	21,000.00	12.00	24,000.00	6.00	12,000.00
6	Embankment in Place: Borrow	1,600	CY	18.00	28,800.00	27.50	44,000.00	20.00	32,000.00
7	Embankment in Place: Normal Embankment to Required Grades (Shouldering)	1,600	CY	10.00	16,000.00	20.00	32,000.00	8.00	12,800.00
8	Embankment in Place: Replace Topsoil 6" Thick	2,000	CY	10.50	21,000.00	20.00	40,000.00	7.00	14,000.00
9	Milling of Existing Asphalt or Concrete Pavement - 0 to 3" Depth	9,700	SY	12.00	116,400.00	7.00	67,900.00	14.00	135,800.00
10	Construct P-401 Bituminous Surface Course	6,900	Tons	97.00	669,300.00	152.50	1,052,250.00	140.00	966,000.00
11	Install Low Elongation Paving Fabric with Bituminous Binder	47,200	SY	5.50	259,600.00	4.50	212,400.00	5.50	259,600.00
12	Construct P-403 Bituminous Base Course / Leveling Course	1,200	Tons	95.00	114,000.00	187.50	225,000.00	130.00	156,000.00
13	Bituminous Tack Coat - Est'd at 0.10 Gal / SY	4,800	Gal	3.30	15,840.00	4.15	19,920.00	6.00	28,800.00
14	Crack Seal the Existing Runway 4-22 (Cracks 1/2" to 1")	14,000	LF	4.50	63,000.00	2.75	38,500.00	4.00	56,000.00
15	Crack Seal the Existing Runway 4-22 (Cracks 1" to 3")	2,700	LF	18.00	48,600.00	22.00	59,400.00	4.50	12,150.00
16	Construct ~10" Thick Concrete Repair in Existing Paving	800	CY	400.00	320,000.00	220.00	176,000.00	150.00	120,000.00
17	Permanent Painting with Reflective Media (White or Yellow Paint)	17,000	SF	3.50	59,500.00	1.45	24,650.00	2.00	34,000.00
18	Permanent Painting with Reflective Media (Black Paint)	120	SF	5.00	600.00	2.20	264.00	4.00	480.00
19	Permanent Painting with Reflective Media (Red Paint)	120	SF	5.00	600.00	3.30	396.00	4.00	480.00
20	Paint Removal	200	SF	10.00	2,000.00	13.80	2,760.00	10.00	2,000.00
21	Seeding (Permanent or Temporary) Including Fertilizer and Watering	3	AC	6,200.00	18,600.00	3,300.00	9,900.00	3,500.00	10,500.00
22	Solid Slab Bermuda Grass Sodding (Including Fertilizer and Watering)	12,000	SY	6.25	75,000.00	4.40	52,800.00	4.00	48,000.00
23	Insurance Premium to Add City & Engineer as Additional Insureds to Contractor's Liability Policy	1	LS	0.00	0.00	1,200.00	1,200.00	500.00	500.00
Total Base Bid B					2,390,840.00		2,446,540.00		2,347,910.00

BASE BID C									
1	Traffic Maintenance	1	LS	\$175,000.00	\$175,000.00	\$70,000.00	\$70,000.00	\$80,000.00	\$80,000.00
2	Mobilization, Bonds, Permits, and Temporary Erosion Control	1	LS	320,000.00	320,000.00	225,000.00	225,000.00	300,000.00	300,000.00
3	Saw Cut - Full Depth Asphalt or Concrete	8,000	LF	4.00	32,000.00	3.15	25,200.00	6.00	48,000.00
4	Break-Up, Removal, and Disposal of Existing Pavement - Material and Thickness May Vary - Waste Off Airport Property	2,000	SY	12.00	24,000.00	16.50	33,000.00	10.00	20,000.00
5	Unclassified Excavation: Strip Topsoil 6" Thick, Stockpile or Waste on Airport Property	2,400	CY	10.50	25,200.00	10.00	24,000.00	6.00	14,400.00
6	Embankment in Place: Borrow	2,100	CY	18.00	37,800.00	27.50	57,750.00	20.00	42,000.00
7	Embankment in Place: Normal Embankment to Required Grades (Shouldering)	2,100	CY	10.00	21,000.00	17.50	36,750.00	8.00	16,800.00
8	Embankment in Place: Replace Topsoil 6" Thick	2,400	CY	10.50	25,200.00	15.00	36,000.00	7.00	16,800.00
9	Milling of Existing Asphalt or Concrete Pavement - 0 to 3" Depth	9,500	SY	12.00	114,000.00	7.00	66,500.00	14.00	133,000.00
10	Construct P-401 Bituminous Surface Course	6,600	Tons	97.00	640,200.00	142.00	937,200.00	140.00	924,000.00
11	Install Low Elongation Paving Fabric with Bituminous Binder	47,200	SY	5.50	259,600.00	4.50	212,400.00	5.50	259,600.00
12	Construct P-403 Bituminous Base Course / Leveling Course	4,000	Tons	95.00	380,000.00	152.50	610,000.00	130.00	520,000.00
13	Bituminous Tack Coat - Est'd at 0.10 Gal / SY	4,800	Gal	3.30	15,840.00	4.15	19,920.00	6.00	28,800.00
14	Crack Seal the Existing Runway 4-22 (Cracks 1/2" to 1")	14,000	LF	4.50	63,000.00	2.75	38,500.00	4.00	56,000.00
15	Crack Seal the Existing Runway 4-22 (Cracks 1" to 3")	2,700	LF	18.00	48,600.00	22.50	60,750.00	4.50	12,150.00
16	Construct ~10" Thick Concrete Repair in Existing Paving	800	CY	400.00	320,000.00	220.00	176,000.00	150.00	120,000.00
17	Permanent Painting with Reflective Media (White or Yellow Paint)	17,000	SF	3.50	59,500.00	1.45	24,650.00	2.00	34,000.00
18	Permanent Painting with Reflective Media (Black Paint)	120	SF	5.00	600.00	2.20	264.00	4.00	480.00
19	Permanent Painting with Reflective Media (Red Paint)	120	SF	5.00	600.00	3.30	396.00	4.00	480.00
20	Paint Removal	200	SF	10.00	2,000.00	13.80	2,760.00	10.00	2,000.00
21	Seeding (Permanent or Temporary) Including Fertilizer and Watering	4	AC	6,200.00	24,800.00	3,300.00	13,200.00	3,500.00	14,000.00
22	Solid Slab Bermuda Grass Sodding (Including Fertilizer and Watering)	12,000	SY	6.25	75,000.00	4.40	52,800.00	4.00	48,000.00
23	Insurance Premium to Add City & Engineer as Additional Insureds to Contractor's Liability Policy	1	LS	0.00	0.00	1,200.00	1,200.00	500.00	500.00
Total Base Bid C					2,663,940.00		2,724,240.00		2,691,010.00

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 (P. O. Box 1449), Rm. 1112B, Stillwater, Oklahoma 74076, at 3:00 P.M., on August 8, 2018.

Stillwater Regional Airport, Stillwater, Oklahoma

Item	Description	Quantity	Unit	Ellsworth		Haskell Lemon		Engineer's Estimate LBR Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

ALTERNATE 1A

1	Mobilization, Bonds, Permits, and Temporary Erosion Control	1	LS	\$1,500.00	\$1,500.00	\$1,086.00	\$1,086.00	\$500.00	\$500.00
2	Adjust Existing Stake Mounted Lights to Grade	46	Each	100.00	4,600.00	83.60	3,845.60	100.00	4,600.00
3	Adjust Existing Base Mounted Lights to Grade	10	Each	466.00	4,660.00	421.50	4,215.00	600.00	6,000.00
Total Alternate 1A					10,760.00		9,146.60		11,100.00

ALTERNATE 1B

1	Mobilization, Bonds, Permits, and Temporary Erosion Control	1	LS	\$40,000.00	\$40,000.00	\$9,899.00	\$9,899.00	\$8,000.00	\$8,000.00
2	Construct 6" x 24" Trench with Backfill For 2" PVC	12,700	LF	2.25	28,575.00	2.05	26,035.00	2.00	25,400.00
3	Furnish and Install Lighting Cable - No. 8 AWG, 5 kV, 1/C, Type C, Stranded	18,500	LF	1.85	34,225.00	1.65	30,525.00	2.25	41,625.00
4	Construct 6" x 8" Trench with Backfill For Counterpoise	13,600	LF	1.05	14,280.00	0.93	12,648.00	1.25	17,000.00
5	Furnish and Install Counterpoise, #6 AWG, Bare Solid Copper Wire, With Ground Rods	13,600	LF	1.15	15,640.00	1.05	14,280.00	2.00	27,200.00
6	Furnish and Install 2" Schedule 40 PVC Conduit, In Trench	12,700	LF	2.55	32,385.00	2.30	29,210.00	2.25	28,575.00
7	Furnish and Install 2" Schedule 40 PVC Conduit, By Bore	1,500	LF	38.00	57,000.00	34.10	51,150.00	30.00	45,000.00
8	Remove the Existing Above Grade Elements, and Transformers, of the Existing Taxiway, Runway Edge, Runway Threshold Light Fixtures, and Distance Remaining Signs	1	LS	2,980.00	2,980.00	2,695.00	2,695.00	8,000.00	8,000.00
9	Furnish and Install New Base-Mounted L-861T LED Taxiway Light Fixtures with Blue Glassware, Isolation Transformers, and PCC Pads	28	Each	1,167.00	32,676.00	1,056.00	29,568.00	1,100.00	30,800.00
10	Furnish and Install New Base-Mounted L-861 LED MIRL Light Fixtures with White Glassware, Isolation Transformers, and PCC Pads	46	Each	1,310.00	60,260.00	1,182.00	54,372.00	1,100.00	50,600.00
11	Furnish and Install New Base-Mounted L-861E LED MITHL Light Fixtures with Red/Green Glassware, Isolation Transformers, and PCC Pads	12	Each	1,370.00	16,440.00	1,237.00	14,844.00	1,300.00	15,600.00
12	Furnish and Install Junction Box	2	Each	1,065.00	2,130.00	962.50	1,925.00	1,000.00	2,000.00
13	Furnish and Install New L-858B LED Distance Remaining Signs on Existing Foundations and Cans	4	Each	3,375.00	13,500.00	3,052.00	12,208.00	5,500.00	22,000.00
14	Furnish and Install New L-852D LED In-Pavement Runway Light Fixtures with White Glassware, Isolations Transformers, and PCC Pads	1	Each	2,760.00	2,760.00	2,497.00	2,497.00	1,500.00	1,500.00
Total Alternate 1B					352,851.00		291,856.00		323,300.00

corrected math error

ALTERNATE 2A

1	Saw Cut - Full Depth Asphalt or Concrete	400	LF	\$5.50	\$2,200.00	\$7.75	\$3,100.00	\$6.00	\$2,400.00
2	Break-Up, Removal, and Disposal of Existing Pavement - Material and Thickness May Vary - Waste On Airport Property	1,400	SY	11.65	16,310.00	15.60	21,840.00	10.00	14,000.00
3	Unclassified Excavation: Strip Topsoil 6" Thick, Stockpile or Waste on Airport Property	300	CY	22.00	6,600.00	21.10	6,330.00	6.00	1,800.00
4	Unclassified Excavation: Normal Excavation to Required Grades, Stockpile or Waste on Airport Property	300	CY	10.00	3,000.00	23.80	7,140.00	6.50	1,950.00
5	Embankment in Place: Normal Embankment to Required Grades (Shouldering)	100	CY	31.25	3,125.00	90.70	9,070.00	8.00	800.00
6	Embankment in Place: Replace Topsoil 6" Thick	500	CY	22.00	11,000.00	22.70	11,350.00	7.00	3,500.00
7	Remove Existing In-Pavement Light and Furnish and Install All New Stake Mounted, Elevated, Incandescent Runway Light with White Glassware And Isolation Transformer	1	Each	2,800.00	2,800.00	935.00	935.00	1,200.00	1,200.00
8	Seeding (Permanent or Temporary) Including Fertilizer and Watering	1	AC	6,016.00	6,016.00	3,300.00	3,300.00	3,500.00	3,500.00
9	Solid Slab Bermuda Grass Sodding (Including Fertilizer and Watering)	500	SY	6.05	3,025.00	11.00	5,500.00	4.00	2,000.00
Total Alternate 2A					54,076.00		68,565.00		31,150.00

ALTERNATE 2B

1	Permanent Painting with Reflective Media (White or Yellow Paint)	900	SF	\$3.05	\$2,745.00	\$1.45	\$1,305.00	\$2.00	\$1,800.00
Total Alternate 2B					2,745.00		1,305.00		1,800.00