

					ENGINEER'S ESTIMATE		Centraled Allied		Karvo	
ITEM NO		DESCRIPTION	QTY	UNIT	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL
1	P-100	Mobilization	1	LS	\$47,000.00	\$47,000.00	\$60,000.00	\$60,000.00	\$147,500.00	\$147,500.00
2	P-140	Bituminous Pavement Removal	250	SY	\$8.00	\$2,000.00	\$10.00	\$2,500.00	\$8.25	\$2,062.50
3	P-140	Concrete Pavement Removal	4,100	SY	\$8.00	\$32,800.00	\$9.20	\$37,720.00	\$8.25	\$33,825.00
4	P-150	Miscellaneous Demolition	1	LS	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$5,200.00	\$5,200.00
5	P-150	Remove Stake Mounted Fixture	8	EA	\$50.00	\$400.00	\$700.00	\$5,600.00	\$365.00	\$2,920.00
6	P-150	Drainage Pipe And Strucutre Demolition	1	LS	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00	\$5,400.00	\$5,400.00
7	P-151	Clearing and Grubbing	1	LS	\$3,000.00	\$3,000.00	\$75,000.00	\$75,000.00	\$64,000.00	\$64,000.00
8	P-152	Muck Excavation	500	CY	\$10.00	\$5,000.00	\$10.00	\$5,000.00	\$30.00	\$15,000.00
9	P-152	Embankment in Place	7,700	CY	\$10.00	\$77,000.00	\$12.00	\$92,400.00	\$25.00	\$192,500.00
10	P-154	Subbase Course	500	CY	\$60.00	\$30,000.00	\$70.00	\$35,000.00	\$35.00	\$17,500.00
11	P-156	Erosion and Sediment control	1	LS	\$20,000.00	\$20,000.00	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00
12	P-156	Silt Fence	2,000	LF	\$2.00	\$4,000.00	\$5.50	\$11,000.00	\$1.70	\$3,400.00
13	P-160	Asphaltic Pavement Surface Milling	50	SY	\$15.00	\$750.00	\$15.00	\$750.00	\$70.00	\$3,500.00
14	P-209	Crushed Aggregate Base course	1,600	CY	\$65.00	\$104,000.00	\$72.00	\$115,200.00	\$70.00	\$112,000.00
15	P-401	Bituminous Surface Course	1,450	TN	\$90.00	\$130,500.00	\$60.00	\$87,000.00	\$116.00	\$168,200.00
16	P-405	Ground Stabilization Fabric	1,500	SY	\$3.00	\$4,500.00	\$3.75	\$5,625.00	\$1.00	\$1,500.00
17	M-103	Closed Runway Marker(Owner-Furnished)	3	EA	\$1,500.00	\$4,500.00	\$650.00	\$1,950.00	\$250.00	\$750.00
18	M-104	Traffic Drum	5	EA	\$250.00	\$1,250.00	\$100.00	\$500.00	\$75.00	\$375.00
19	M-107	Aviation Barricades	700	LF	\$25.00	\$17,500.00	\$20.00	\$14,000.00	\$20.00	\$14,000.00
20	P-619	Paint Removal	850	SF	\$5.00	\$4,250.00	\$4.50	\$3,825.00	\$4.50	\$3,825.00
21	P-620	Inital Taxiway Making(Yellow, No Bead)	6,300	SF	\$1.50	\$9,450.00	\$0.55	\$3,465.00	\$1.00	\$6,300.00
22	P-620	Taxiway Marking (Yellow, With Beads)	6,300	SF	\$1.50	\$9,450.00	\$1.00	\$6,300.00	\$1.00	\$6,300.00
23	P-620	Ouline Marking (Black, No Beads)	300	SF	\$1.00	\$300.00	\$0.55	\$165.00	\$0.55	\$165.00
24	D-701	24" RCP, Class V	226	LF	\$90.00	\$20,340.00	\$94.00	\$21,244.00	\$139.00	\$31,414.00
25	D-705	6" PVC Underdrain	100	LF	\$25.00	\$2,500.00	\$46.00	\$4,600.00	\$18.00	\$1,800.00

26	D-751	Catch Basin No.2-3 ODOT No.CB-1.2	2	EA	\$3,000.00	\$6,000.00	\$3,000.00	\$6,000.00	\$2,850.00	\$5,200.00
27	D-752	24" Concrete Headwall, ODOT NO. HW-2.2	1	EA	\$1,000.00	\$1,000.00	\$1,550.00	\$1,550.00	\$1,450.00	\$1,450.00
28	D-752	6" Underdrain Endwall	1	EA	\$750.00	\$750.00	\$1,300.00	\$1,300.00	\$350.00	\$350.00
29	T-901	Permanent Seeding	8	AC	\$1,500.00	\$12,000.00	\$1,250.00	\$10,000.00	\$1,250.00	\$10,000.00
30	T-908	Mulching	8	AC	\$1,000.00	\$8,000.00	\$1,250.00	\$10,000.00	\$1,250.00	\$10,000.00
31	L-108	Trenching for Direct0 Buried Cable	600	LF	\$5.00	\$3,000.00	\$15.00	\$9,000.00	\$7.00	\$4,200.00
32	L-108	No.8 Awg, 5KV, L-824, Type C Cable	700	LF	\$2.00	\$1,400.00	\$12.00	\$8,400.00	\$1.60	\$1,120.00
33	L-108	No.6 AWG, Solid Bare Counterpoise Wire	650	LF	\$2.00	\$1,300.00	\$12.00	\$7,800.00	\$4.10	\$2,665.00
34	L-110	Concrete Encased Electrical Duct Band, 1 Way-2" Pvc Conduit	60	LF	\$30.00	\$1,800.00	\$40.00	\$2,400.00	\$43.55	\$2,613.00
35	L-110	Concrete Encased Electrical Duct Band, 2 Way-2" Pvc Conduit	50	LF	\$40.00	\$2,000.00	\$40.00	\$2,000.00	\$52.15	\$2,607.50
36	L-125	L-861T Stake Mounted Mitl	2	EA	\$800.00	\$1,600.00	\$550.00	\$1,100.00	\$840.00	\$1,680.00
37	L-125	L-858 Unlighted Airfield Guidance Sign	1	EA	\$1,500.00	\$1,500.00	\$4,500.00	\$4,500.00	\$1,685.00	\$1,685.00
38	L-125	L-853 Type II Retrofelctive Marker	46	EA	\$350.00	\$16,100.00	\$80.00	\$3,680.00	\$285.00	\$13,110.00
39	R-601	Rock Channel Protection With Filter	50	SY	\$50.00	\$2,500.00	\$110.00	\$5,500.00	\$65.00	\$3,250.00
40	R-671	Erosion Control Mat. Type F	2,000	SY	\$3.00	\$6,000.00	\$2.40	\$4,800.00	\$3.00	\$6,000.00
SUBTOTAL, EARTHWORK:					\$605,440.00		\$740,374.00		\$970,367.00	

	ENGINEER'S ESTIMATE	Central Allied	Karvo
SUBTOTAL, EARTHWORK (Items #1 through #4):	\$605,440.00	\$740,374.00	\$970,367.00
GRAND TOTAL (All Bid Items, #1 through #18):	\$605,440.00	\$740,374.00	\$970,367.00

SUMMARY - COMPLETE PROJECT			
		Central Allied	Karvo
GRAND TOTAL, BASE BID:	ACTUAL	\$740,374.00	\$970,367.00
	AS READ	\$740,374.00	\$970,867.00
BID AS % OF ENGINEER'S ESTIMATE:		122.3%	160.3%

REQUIRED BID SUBMITTALS:		
Completion Date:	December 15, 2016	November 15, 2016
Non-Collusion Agreement:	Yes	Yes
Bid Guarantee	5% bond	100% bond