



Central West Virginia Regional Airport Authority
John D. Rockefeller IV Terminal
100 Airport Rd, Suite 175 - Charleston, WV 25311-1080
Phone: 304-344-8033 Fax: 304-344-8034
www.yeagerairport.com

June 3, 2021

Lance Wheeler, Commissioner
Kanawha County Commission
P.O. Box 3627
Charleston, WV 25336

Dear Commissioner Wheeler:

As construction is almost completed on the Marshall University Bill Noe Flight School hangar and classroom building, the airport has run into a substantial roadblock. The airport received an Economic Development Administration grant for the construction of the flight school aircraft parking apron which includes a 20% local match. When the apron was designed the engineer's estimate for construction was \$442,200. The lowest and only bid received by the airport was \$946,262.27, a startling difference of \$504,062.27. With construction costs continuing to soar, the airport is in need of help to ensure the Marshall apron is complete by the school's opening this August.

Would you please consider assisting with the shortfall so this project can get to the finish line?

Very Respectfully,

Nick Keller
Airport Director & CEO

**Yeager Airport
Marshall School of Aviation - Apron Construction
Engineer's Estimate**

March 2021

Item No.	Item Description	Unit	Quantity	Unit Cost	Subtotal
Base Bid					
C-105-1	Mobilization/Contractor's Plant	LS	1	\$ 41,000.00	\$ 41,000.00
C-105-2	Surveying	LS	1	\$ 10,000.00	\$ 10,000.00
M-001-1	Maintenance and Protection of Air and Vehicle Traffic During Construction	LS	1	\$ 10,000.00	\$ 10,000.00
WV-415-1	Transition Milling (Variable Depth)	SY	2,000	\$ 18.00	\$ 36,000.00
P-101-1	Pavement Removal	SY	700	\$ 12.00	\$ 8,400.00
P-101-2	Remove Existing Taxiway Edge Light with Light Can (turn over to Airport)	EA	18	\$ 200.00	\$ 3,600.00
P-101-3	Remove Existing Airfield Guidance Sign with Sign Base (turn over sign with panels to Airport)	EA	6	\$ 2,000.00	\$ 12,000.00
P-101-4	Remove Existing Electrical Cable and Conduit	LF	650	\$ 6.00	\$ 3,900.00
WV-207-1	Unclassified Excavation	CY	500	\$ 30.00	\$ 15,000.00
WV-207-2	Unsuitable Excavation	CY	50	\$ 35.00	\$ 1,750.00
WV-228-1	Finegrade and Compact Existing Subgrade	SY	1,725	\$ 4.00	\$ 6,900.00
WV-601-1	Concrete Stoop	LS	1	\$ 7,500.00	\$ 7,500.00
WV-307-1	8" Aggregate Subbase Course	SY	1,725	\$ 12.00	\$ 20,700.00
WV-401-1	1.5" Bituminous Wearing Course	TON	340	\$ 90.00	\$ 30,600.00
WV-401-2	2.5" Bituminous Base Course	TON	260	\$ 85.00	\$ 22,100.00
WV-408-1	Bituminous Tack Coat	GAL	375	\$ 3.00	\$ 1,125.00
P-605-1	Bituminous/Bituminous Joint Sawing and Sealing	LF	225	\$ 30.00	\$ 6,750.00
P-605-2	Bituminous/Concrete Joint Sawing and Sealing	LF	300	\$ 20.00	\$ 6,000.00
P-605-3	Crack Repair (<0.5")	LF	1,000	\$ 6.00	\$ 6,000.00
D-701-1	6" SDR 35 PVC Pipe with Fittings	LF	200	\$ 50.00	\$ 10,000.00
D-701-2	8" SDR 35 PVC Pipe with Fittings	LF	55	\$ 65.00	\$ 3,575.00
D-701-3	15" Smooth Lined Corrugated High Density Polyethylene Pipe (SLCPP)	LF	650	\$ 55.00	\$ 35,750.00
D-701-4	18" Smooth Lined Corrugated High Density Polyethylene Pipe (SLCPP)	LF	325	\$ 70.00	\$ 22,750.00
D-705-1	Cleanout	EA	4	\$ 800.00	\$ 3,200.00
D-751-1	Stormwater Inlet (Airport Rated)	EA	2	\$ 4,000.00	\$ 8,000.00
D-751-2	Stormwater Manhole (Airport Rated)	EA	2	\$ 5,500.00	\$ 11,000.00
D-751-3	Type C Inlet	EA	4	\$ 2,500.00	\$ 10,000.00
L-108-1	Underground Electrical Cable, Type C, #8, 5 kV	LF	650	\$ 2.00	\$ 1,300.00
L-108-2	Bare Solid Copper Counterpoise Wire, #6, Including Ground Rods	LF	500	\$ 1.50	\$ 750.00
L-108-3	Counterpoise Trench	LF	500	\$ 12.00	\$ 6,000.00
L-110-1	2" Sch. 40 PVC Pipe including trenching	LF	500	\$ 18.00	\$ 9,000.00
L-110-2	Concrete Cable and Duct Marker	EA	2	\$ 300.00	\$ 600.00
L-110-3	4-Way, 2-Inch Concrete Encased Electrical Duct	LF	35	\$ 50.00	\$ 1,750.00
L-115-1	Electrical Handhole	EA	2	\$ 6,000.00	\$ 12,000.00
L-125-1	L-861 LED Medium Intensity Apron/Taxiway Edge Light, Blue	EA	14	\$ 900.00	\$ 12,600.00
L-125-2	Taxiway Guidance Sign, 3 Module	EA	2	\$ 4,000.00	\$ 8,000.00
L-125-3	Type II, Retroreflective Taxiway Marker, Blue	EA	6	\$ 250.00	\$ 1,500.00
WV-661-1	Flight School Sign	EA	1	\$ 1,000.00	\$ 1,000.00
X-100-1	EDA Site Sign	EA	1	\$ 2,000.00	\$ 2,000.00
T-100-1	In-pavement Tiedown Anchor	EA	24	\$ 600.00	\$ 14,400.00
C-102-1	12" Compost Filter Sock	LF	150	\$ 10.00	\$ 1,500.00
C-102-2	Filter Bag Inlet Protection	EA	9	\$ 200.00	\$ 1,800.00
P-620-1	Temporary Yellow Pavement Markings (50% Application Rate without glass beads)	SF	1,150	\$ 2.00	\$ 2,300.00
P-620-2	Permanent Reflective Yellow Pavement Markings (100% Application Rate with glass beads)	SF	1,150	\$ 2.50	\$ 2,875.00
P-620-3	Permanent Black Pavement Markings (100% Application Rate without glass beads)	SF	1,300	\$ 2.25	\$ 2,925.00
WV-651-1	Topsoil Placement, 4" Depth	CY	100	\$ 35.00	\$ 3,500.00
WV-652-1	Seeding and Soil Supplements	LS	1	\$ 1,600.00	\$ 1,600.00
WV-652-2	Mulching, Wood Fiber	LS	1	\$ 1,200.00	\$ 1,200.00
Total Estimated Construction Costs:					\$ 442,200.00



615 West Highland Avenue
Ebensburg, PA 15931
814.472.7700
www.lrkimball.com

May 3, 2021

To: All Bidders

Re: Yeager Airport
Yeager Airport Contract No.: 2021-01
EDA Project No.: 01-79-14958
"Marshall School of Aviation – Apron Construction"
→ Bid Results

Dear Bidders:

Enclosed for your information is a copy of the Bid Tabulation for the referenced project. The only bidder is Central Contracting, Inc. Thank you for your interest. This letter is being sent via e-mail only.

Sincerely,

A handwritten signature in cursive script that reads "Melissa Defibaugh".

Melissa A. Defibaugh, PE
Aviation Services

MAD/jaa
Enclosure

xc: All Bidders

K:\EBG_PROJ\CWVC0017\AIRCONST\5000BIDDING\Apron\5070 Bid Tab_Bid Results\2021.05.03 Bid Results CWVC0017.docx

BID TABULATION
Yeager Airport
Marshall School of Aviation - Apron Construction
Base Bid

Bid Date: April 27, 2021

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	CENTRAL CONTRACTING, INC.	
				UNIT COST	SUBTOTAL
C-105-1	Mobilization/Contractor's Plant	LS	1	\$ 90,000.00	\$ 90,000.00
C-105-2	Surveying	LS	1	\$ 96,400.87	\$ 96,400.87
M-001-1	Maintenance and Protection of Air and Vehicle Traffic During Construction	LS	1	\$ 21,489.07	\$ 21,489.07
WV-415-1	Transition Milling (Variable Depth)	SY	2,000	\$ 4.12	\$ 8,240.00
P-101-1	Pavement Removal	SY	700	\$ 18.59	\$ 13,013.00
P-101-2	Remove Existing Taxiway Edge Light with Light Can (turn over to Airport)	EA	18	\$ 452.32	\$ 8,141.76
P-101-3	Remove Existing Airfield Guidance Sign with Sign Base (turn over sign with panels to Airport)	EA	6	\$ 1,046.93	\$ 6,281.58
P-101-4	Remove Existing Electrical Cable and Conduit	LF	650	\$ 26.17	\$ 17,010.50
WV-207-1	Unclassified Excavation	CY	500	\$ 28.88	\$ 14,440.00
WV-207-2	Unsuitable Excavation	CY	50	\$ 24.90	\$ 1,245.00
WV-228-1	Finegrade and Compact Existing Subgrade	SY	1,725	\$ 3.86	\$ 6,658.50
WV-601-1	Concrete Stoop	LS	1	\$ 12,467.84	\$ 12,467.84
WV-307-1	6" Aggregate Subbase Course	SY	1,725	\$ 15.88	\$ 27,393.00
WV-401-1	1.5" Bituminous Wearing Course	TON	340	\$ 202.84	\$ 68,965.60
WV-401-2	2.5" Bituminous Base Course	TON	260	\$ 185.83	\$ 48,315.80
WV-408-1	Bituminous Tack Coat	GAL	375	\$ 10.47	\$ 3,926.25
P-605-1	Bituminous/Bituminous Joint Sawing and Sealing	LF	225	\$ 7.85	\$ 1,766.25
P-605-2	Bituminous/Concrete Joint Sawing and Sealing	LF	300	\$ 7.85	\$ 2,355.00
P-605-3	Crack Repair (<0.5")	LF	1,000	\$ 9.81	\$ 9,810.00
D-701-1	6" SDR 35 PVC Pipe with Fittings	LF	200	\$ 84.75	\$ 16,950.00
D-701-2	8" SDR 35 PVC Pipe with Fittings	LF	55	\$ 122.16	\$ 6,718.80
D-701-3	15" Smooth Lined Corrugated High Density Polyethylene Pipe (SLCPP)	LF	650	\$ 168.15	\$ 109,297.50
D-701-4	18" Smooth Lined Corrugated High Density Polyethylene Pipe (SLCPP)	LF	325	\$ 165.36	\$ 53,742.00
D-705-1	Cleanout	EA	4	\$ 2,668.84	\$ 10,675.36
D-751-1	Stormwater Inlet (Airport Rated)	EA	2	\$ 17,196.81	\$ 34,393.62
D-751-2	Stormwater Manhole (Airport Rated)	EA	2	\$ 20,223.50	\$ 40,447.00
D-751-3	Type C Inlet	EA	4	\$ 6,994.22	\$ 27,976.88
L-108-1	Underground Electrical Cable, Type C, #8, 5 kV	LF	650	\$ 2.62	\$ 1,703.00
L-108-2	Bare Solid Copper Counterpoise Wire, #6, Including Ground Rods	LF	500	\$ 3.27	\$ 1,635.00
L-108-3	Counterpoise Trench	LF	500	\$ 6.54	\$ 3,270.00
L-110-1	2" Sch. 40 PVC Pipe including trenching	LF	500	\$ 27.48	\$ 13,740.00
L-110-2	Concrete Cable and Duct Marker	EA	2	\$ 327.17	\$ 654.34
L-110-3	4-Way, 2-Inch Concrete Encased Electrical Duct	LF	35	\$ 182.95	\$ 6,403.25
L-115-1	Electrical Handhole	EA	2	\$ 15,703.96	\$ 31,407.92
L-125-1	L-861 LED Medium Intensity Apron/Taxiway Edge Light, Blue	EA	14	\$ 2,617.33	\$ 36,642.62
L-125-2	Taxiway Guidance Sign, 3 Module	EA	2	\$ 8,113.71	\$ 16,227.42
L-125-3	Type II, Retroreflective Taxiway Marker, Blue	EA	6	\$ 261.73	\$ 1,570.38
WV-661-1	Flight School Sign	EA	1	\$ 1,962.99	\$ 1,962.99
X-100-1	EDA Site Sign	EA	1	\$ 2,794.90	\$ 2,794.90
T-100-1	In-pavement Tiedown Anchor	EA	24	\$ 1,770.59	\$ 42,494.16
C-102-1	12" Compost Filter Sock	LF	150.0	\$ 6.11	\$ 916.50
C-102-2	Filter Bag Inlet Protection	EA	9.0	\$ 358.81	\$ 3,229.29
P-620-1	Temporary Yellow Pavement Markings (50% Application Rate without glass beads)	SF	1,150	\$ 4.58	\$ 5,267.00
P-620-2	Permanent Reflective Yellow Pavement Markings (100% Application Rate with glass beads)	SF	1,150	\$ 5.23	\$ 6,014.50
P-620-3	Permanent Black Pavement Markings (100% Application Rate without glass beads)	SF	1,300	\$ 4.58	\$ 5,954.00
WV-651-1	Topsoil Placement, 4" Depth	CY	100	\$ 26.55	\$ 2,655.00
WV-652-1	Seeding and Soil Supplements	LS	1	\$ 2,682.76	\$ 2,682.76
WV-652-2	Mulching, Wood Fiber	LS	1	\$ 916.06	\$ 916.06
				Base Bid	\$946,262.27

Indicates mathematical error in Contractor's Proposal