

FEE ESTIMATE
PACKWOOD AIRPORT
AIRPORT MASTER PLAN
JULY 2022

2022 Packwood Airport - Airport Master Plan										Century West Engineering Corp.						Subconsultants	
		Principal In Charge	Project Manager	Senior Airport Planner	Airport Engineer	Airport Planner	CADD Technician	Admin. Support									
Charge Rates		\$277.00	\$243.00	\$190.00	\$142.00	\$135.00	\$130.00	\$92.00	Total Labor								
Task	Task Description								Hours								
STUDY INITIATION, SOW, AND PROJECT MANAGEMENT																	
1.1	Refine Scope of Work, Budget and Schedule	1	2	2	0	8	0	0	13	\$2,223.00							
1.2	Coordination and Control/Project Administration/Bi-weekly meetings	1	20	40	0	40	0	16	117	\$19,609.00							
1.3	DBE Annual Reporting	0	0	0	0	4	0	0	4	\$540.00							
1.4	Project Closeout Support	0	0	0	0	8	0	8	16	\$1,816.00							
Task Budget:		2	22	42	0	60	0	24	150	\$24,188.00							
PUBLIC INVOLVEMENT PROCESS																	
2.1	Stakeholder Coordination																
2.1.1	Prepare List of Agency Stakeholders	0	1	1	0	2	0	1	5	\$795.00							
2.1.2	Identify Planning Advisory Committee (PAC) Members	0	1	1	0	2	0	1	5	\$795.00							
2.1.3	County Staff Coordination	0	12	8	0	8	0	8	36	\$6,252.00							
2.2	Planning Advisory Committee (PAC) Meetings & Open Houses																
2.2.1	Conduct PAC #1 Meeting	0	8	8	0	4	0	4	24	\$4,372.00							
2.2.2	Conduct PAC #2 Meeting	0	8	8	0	4	0	4	24	\$4,372.00							
2.2.3	Conduct PAC #3 Meeting	0	8	8	0	4	0	4	24	\$4,372.00							
2.3	Project Meetings																
2.3.1	Federal Agency Coordination (FAA)	0	4	4	0	0	0	0	8	\$1,732.00							
2.4	Public Notice and Data Distribution																
2.4.1	Public Meeting Notices/Press Releases	0	0	0	0	4	0	4	8	\$908.00							
2.4.2	Website Content for Lewis County Website	0	0	0	0	4	0	4	8	\$908.00							
2.4.3	Public Meeting and Online Questionnaires	0	0	1	0	4	0	4	9	\$1,098.00							
2.4.4	Public Meeting Summary Notes and Comment List	0	0	1	0	4	0	2	7	\$914.00							
Task Budget:		0	42	40	0	40	0	36	158	\$26,518.00							
AGIS SURVEY																	
3.1	AGIS Survey																
3.1.1	Aerial Control and Ground Survey	0	0	0	0	4	20	0	24	\$3,140.00							
3.1.2	Photogrammetric Mapping and Orthophotography	0	0	0	0	4	32	0	36	\$4,700.00							
3.1.3	Obstruction and Planimetric Feature Collection and Submission	0	0	0	0	8	40	0	48	\$6,280.00							
3.2	Supplemental Information for Airport Layout Plan	0	0	0	0	8	40	0	48	\$6,280.00							
Task Budget:		0	0	0	0	24	132	0	156	\$20,400.00							
EXISTING CONDITIONS ANALYSIS																	
4.1	Develop Report Introduction Chapter	0	1	8	0	16	0	4	29	\$4,291.00							
4.2	Data Collection and Inventory	0	0	8	0	8	8	0	24	\$3,640.00							
4.3	Evaluate the Regional Setting of the Airport																
4.3.1	Location and Vicinity	0	0	1	0	2	0	1	4	\$552.00							
4.3.2	Airport History, Role, and Area Airports Contextual Analysis	0	0	4	0	4	0	0	8	\$1,300.00							
4.3.3	Evaluate Historical and Existing Airport Operational Data	0	0	4	0	4	0	0	8	\$1,300.00							
4.3.4	Community Socio-economic Data	0	0	2	0	4	0	0	6	\$920.00							
4.3.5	Relevant Studies	0	0	4	0	8	0	1	13	\$1,932.00							
4.3.6	Environmental Data	0	0	2	0	3	0	0	5	\$785.00							
4.3.7	Local Surface Transportation System	0	0	4	0	3	4	0	11	\$1,685.00							
4.3.8	Land Use Analysis	0	0	4	0	4	4	0	12	\$1,820.00							
4.4	Evaluate Existing Landside Elements of the Airport																
4.4.1	Utilities	0	0	2	2	4	4	1	13	\$1,816.00							
4.4.2	Local Emergency Medical/Fire Services	0	0	2	0	4	2	0	8	\$1,180.00							
4.4.3	Airport Perimeter Fencing	0	0	2	0	4	4	0	10	\$1,440.00							
4.4.4	Airport Surface Road Access, Vehicle Parking, and Pedestrian Access	0	0	4	0	4	2	0	10	\$1,560.00							
4.4.5	General Aviation (GA) Terminal Areas	0	0	4	0	4	2	1	11	\$1,652.00							
4.4.6	Hangars	0	0	4	0	4	2	0	10	\$1,560.00							
4.5	Evaluate Existing Airside Elements of the Airport																
4.5.1	Airside Facilities	0	0	4	0	4	4	1	13	\$1,912.00							
4.5.2	FAA Design Standards	0	0	4	0	4	4	1	13	\$1,912.00							
4.5.3	Airspace & Approach Procedures	0	0	4	0	4	4	1	13	\$1,912.00							
4.6	Evaluate and Present the Existing Airport Administration Elements																
4.6.1	Airport Ownership & Management	0	0	4	0	2	0	1	7	\$1,122.00							
4.6.2	Relevant State and Federal Regulations	0	0	4	0	2	0	1	7	\$1,122.00							
4.7	Prepare Existing Conditions Analysis Chapter	0	1	8	0	16	4	16	45	\$6,915.00							
Task Budget:		0	2	87	2	112	48	29	280	\$41,328.00							
AVIATION ACTIVITY FORECASTS																	
5.1	Prepare Aviation Activity Forecasts																
5.1.1	Based Aircraft	0	0	6	0	8	0	0	14	\$2,220.00							
5.1.2	Aircraft Operations	0	0	6	0	8	0	0	14	\$2,220.00							
5.1.4	Fleet Mix	0	0	4	0	8	0	0	12	\$1,840.00							
5.1.5	Critical Aircraft	0	0	4	0	8	0	0	12	\$1,840.00							
5.2	Preferred Forecasts	0	0	8	0	8	0	4	20	\$2,968.00							
5.3	Develop Forecast Chapter	0	1	20	0	16	0	4	41	\$6,571.00							
5.4	Forecasts Approval	0	0	4	0	2	0	1	7	\$1,122.00							
Task Budget:		0	1	52	0	58	0	9	120	\$18,781.00							
FACILITY REQUIREMENTS																	
6.1	Define Updated Airfield Design Standards	0	0	8	0	8	8	0	24	\$3,640.00							
6.2	Define Regional Setting Requirements	0	0	8	0	8	0	0	16	\$2,600.00							
6.3	Define Landside Elements Requirements	0	0	8	0	12	12	0	32	\$4,700.00							
6.4	Define Airside Elements Requirements	0	0	8	0	12	12	0	32	\$4,700.00							
6.6	Define Airport Administration Requirements	0	0	4	0	8	0	8	20	\$2,576.00							
6.7	Develop Facility Requirements Chapter	0	2	16	0	16	0	12	46	\$6,790.00							
Task Budget:		0	2	52	0	64	32	20	170	\$25,006.00							
ALTERNATIVES ANALYSIS																	
7.1	Identify and Prepare Alternatives	0	0	24	0	24	24	4	76	\$11,268.00							
7.2	Evaluation of Alternatives	0	0	8	0	24	8	2	42	\$5,964.00							
7.3	Recommended Preferred Alternative	0	0	8	0	24	24	2	58	\$8,064.00							
7.4	Environmental Analysis of Preferred Alternative	0	0	4	0	8	0	0	12	\$1,840.00							
7.5	Prepare Development Alternatives Chapter	0	0	8	0	16	4	2	30	\$4,384.00							
7.6	Confirm Preferred Alternative	0	1	8	0	8	0	1	18	\$2,935.00							
Task Budget:		0	1	60	0	104	60	11	236	\$34,465.00							
FINANCIAL PLAN & CIP																	
8.1	Capital Improvement Plan	0	0	6	40	12	0	0	58	\$8,440.00							
8.2	Prepare Financial Plan Chapter & CIP	0	0	24	0	40	0	8	72	\$10,696.00							
Task Budget:		0	0	30	40	52	0	8	130	\$19,136.00							
AIRPORT LAYOUT PLAN DRAWINGS																	
9.1	Airport Layout Plan	0	1	6	0	8	40	1	56	\$7,755.00							
9.2	On-Airport Individual Area Plans	0	1	6	0	8	24	1	40	\$5,675.00							
9.3	Airport Airspace Drawing (FAAR Part 77)	0	1	4	0	8	16	1	30	\$4,255.00							

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[illegible]

Sponsor Administration (Estimate)	\$5,000
Planning Consulting Services (Estimate)	\$349,900
Total Estimated Master Plan Cost	\$354,900