Livingston County - Spencer J. Hardy Airport (OZW) New SRE Building PROGRAMMING COSTS		C & S ENGINEERS, INC. OPINION OF PROBABLE CONSTRUCTION COST					02/07/23
		New SRE Building Cost Estimate [Floorplan Option D - 6,681 sf]					
			MATE	RIAL	LAB	OR	TOTAL
ITEM	QTY	UNIT	P/UNIT	TOTAL	P/UNIT	TOTAL	COST
General Construction	1		1				
Finishes	6,080	SF	\$10.00	\$60,800.00	\$5.00	\$30,400.00	\$91,200.00
Framing/Drywall/Finishing	6,681	SF	\$8.00	\$53,448.00	\$7.00	\$46,767.00	\$100,215.00
Doors	6,681	SF	\$15.00	\$100,215.00	\$6.00	\$40,086.00	\$140,301.00
Windows	200	SF	\$10.00	\$2,000.00	\$4.00	\$800.00	\$2,800.00
Foundation / Floor Slab	6,681	SF	\$10.00	\$66,810.00	\$18.00	\$120,258.00	\$187,068.00
PEMB	6,681	SF	\$90.00	\$601,290.00	\$30.00	\$200,430.00	\$801,720.00
Electric Hoist, incl. support equipment	1	LS	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$15,000.00
	Sub-total						\$1,338,304.00
Mechanical Construction							
HVAC	6,681	SF	\$16.00	\$106,896.00	\$7.00	\$46,767.00	\$153,663.00
E1 · · · 10 · · ·	Sub-total						\$153,663.00
Electrical Construction						*	*
Lighting / Switches	6,681 6,681	SF SF	\$5.00 \$6.00	\$33,405.00 \$40,086.00	\$1.00 \$2.00	\$6,681.00	\$40,086.00 \$53,448.00
Power / Receptacles Fire Alarm / Communications / Security	6,681	SF SF	\$4.00	\$26,724.00	\$2.00	\$13,362.00 \$6,681.00	\$33,448.00 \$33,405.00
The Alaim / Communications / Security	Sub-total	- 31	φ4.00	\$20,724.00	\$1.00	φ0,001.00	\$126,939.00
Plumbing Construction	ous total		<u>'</u>	,			ψ120,000.00
Fire Protection	6,681	SF	\$4.00	\$26,724.00	\$3.00	\$20,043.00	\$46,767.00
Interior plumbing/fixtures	139	SF	\$25.00	\$3,475.00	\$12.00	\$1,668.00	\$5,143.00
PROGRAM CONTINGENCY/DESIGN EVOLUTION COST 20%  TOTAL BUILDING CONSTRUCTION  TOTAL BUILDING CONSTRUCTION COST:							\$334,163.20 \$2,004,979.20 \$2,005,000.00
				TOTAL B	DETAILED DESIGN	9% N COST, INCL. DESIGN:	\$181,000.00 <b>\$2,186,000.00</b>
				CONSTRU	ICTION MANAGEMENT (CM)	9%	\$181,000.00
				TOTAL BUI	ILDING PROJECT COST,	INCL. DESIGN AND CM:	\$2,367,000.00
			COMPAR	ISON OF BASELIN	IE ESTIMATE CONSIDER	ING INFLATION	
				2023	INITIAL ESTIMATED BUILDI	NG CONSTRUCTION COST:	\$2,005,000.00
				A 2024	INNUAL ESCALATION RATE: FORECASTED BUILDI	8.5% NG CONSTRUCTION COST:	\$2,175,425.00
						ROUNDED:	\$2,176,000.00
Building Features & Assumptions:			SRE Facility		FORECASTED BUILDI	_	
-Primary SRE Building will be a PEMB -Mezzanine area for storage to be incorporated during detailed design -Cost includes overhead hoist -Radiant heated interior				FY2024	INELIGIBLE C	ONSTRUCTION COSTS: ONSTRUCTION COSTS:	\$1,088,000.00 \$1,088,000.00
-Multiple restrooms required by building co -Building includes in-floor heated pavemen				FY2023		PELIGIBLE DESIGN COSTS: NELIGIBLE DESIGN COSTS:	\$91,000.00 \$90,000.00
				FY2024	AIP ELIGIBLE CONSTRUCT	ON MANAGEMENT COSTS:	\$91,000.00

INELIGIBLE CONSTRUCTION MANAGEMENT COSTS:

\$90,000.00