

NCCIS
LAB EQUIPMENT SCHEDULE

PRELIMINARY*

REVISED 12/12/2025
9/25/2024

* All items listed as new are Basis of Design Selections. Final selections shall be made in the design phase.

#	ROOM NAME	ITEM DESCRIPTION	MANUFACTURER	MODEL	QTY	SIZE			LOC.	NEW / EXIST	DRAIN	Vent	LAB SERVICES								ELECTRICAL POWER			EM. PWR.	RESP.	Cut Sht.	REMARKS
						W	D	H	F/B				LA	LG	LV	CW	HW	CHW	DI	Cylinder	V	A	Ph				
PL1	Plastics Lab	LDIR	Agilent	8700	1	20.5	32	15	B	Exist.			X												O/O	yes	Bench space for LDIR, sample planer, PC workstation. 75"Wx 36.5"D overall
PL2	Plastics Lab	Laminar Flow Hood	Labconco	Nexus	1	49	33	86	F	New											115	12			C/C	yes	Include Base stand
PL3	Plastics Lab	Nitrogen Generator	Peak Scientific		1	24	24	24	B	Exist.																	Confirm if existing.
IL1a	Instrument Lab	IRMS (Isotope Ratio Mas Spec)	Thermo Scientific	MAT 253+	1	35	41	53	F	Exist.			X								230	16	3		O/O	yes	Dedicated Power. Group with TC/EA. Workstation
IL1b	Instrument Lab	TC/EA (Temp Conversion Elemental Analyser)	Thermo Scientific	TC/EA	1	17.7	27.5	19.7	F	Exist.		yes								He, CO, H2	230	8	1		O/O	yes	Group with IRMS 253, CO and H2 detectors for lab
IL2a	Instrument Lab	IRMS (Isotope Ratio Mas Spec)	Thermo Scientific	Delta V +	1	31.9	30.7	36.2	F	Exist.			X								230	16	3		O/O	yes	Dedicated Power, grouped with ECS, Workstation
IL2b	Instrument Lab	Elemental Analyzer	NC Technologies	ECS 4010	1	30	13.7	27.5		Exist.		yes	X							He, O2	230	10	1		O/O	yes	Grouped with Delta V
IL2c	Instrument Lab	Gas Bench	Thermo Scientific	Gas Bench II		34				Exist.										He, CO2, H2	230	8	1		O/O	yes	Grouped with Delta V
RL1	Research Lab-Earth Materials	Freeze Dryer	Labconco	FreeZone 2.5 Liter	1	14.5	19.2	16.9	B	New											115	14			O/O	yes	
RL2	Research Lab-Earth Materials	Fume Hood	Mott Manufacturing	RFV2	1	48	36	63	B	New	yes	yes	X	X	X	X					120	10			C/C	yes	High efficiency hood with combination sash
RL3	Research Lab-Earth Materials	Drying Oven	Quincy Lab	40AFE	1	14	18	19	B	New											115	12.5			O/O	yes	
RL4	Research Lab-Earth Materials	Muffle Oven	ThermoScientific	F6018	1	19.1	20.1	21	B	New											208				O/O	yes	
RL4	Research Lab - Wet	-80 Freezer	Fisherbrand IsoTemp	IUE30086FA	1	23	38.5	78		New											115	12.6		yes	C/C	yes	
RL5	Research Lab - Wet	Glasswasher	Labconco	FlaskScrubber	1	24.1	27.7	32.1	F	New	yes					X			X		115	16	1		C/C	yes	
RL6	Research Lab - Wet	Microscope - mono	Leica	TBD	1					New															O/O		
RL7	Research Lab - Wet	Microscope - binoc	Leica	TBD	1					New															O/O		
RL8	Research Lab - Wet	Analytical Balance	TBD		3					New															O/O		Provide balance table
RL9	Research Lab - Wet	Fume Hood	Mott Manufacturing	RFV2	1	48	36	63	B	New	yes	yes	X	X	X	X					120	10			C/C	yes	High efficiency hood with combination sash
FL1	Food Lab	Reach-in Freezer	Maxx Cold	MCF-23FDHC	1	27.8	31	82		New											115	5.6		Yes	C/C	yes	Model # provided by owner. Confirm size
FL2	Food Lab	Reach-in Refrigerator	Maxx Cold	MXCR-49DHC	1	54	32.5	79.7		New											115	4		Yes	C/C	yes	
FL3	Food Lab	Refrigerator	Advantco	SS-UC-48R-HC	1	47.3	39.5	35.3	F	New											115	2.4	1		C/C	yes	
FL4a	Food Lab	Induction Cooktop-Range	VollrathGarland	912HIMC GME36-I14C	1	36.12	36.36	40.14	B	New											208	66.4	3		C/C	yes	
FL4b	Food Lab	Induction Cooktop	Vollrath	924HMIC	1	24	30	14	B	New		yes									208		3		C/C	yes	2 and 4 burner
FL6	Food Lab	Combi Oven	Rational	ICP 6-FULL ON 6-FULL E (CC1ERRA)	1	42.3	31.5	41	F	New		yes				X					208	35	3		C/C	yes	With stand
FL7	Food Lab	Dishwasher	Hobart	AM16VL-BAS-2 LXNH-2L	1	24.25	25.5	33.8	F	New	yes					X	X				208	26.9	1		C/C	yes	High heat ventless
FL8	Food Lab	Induction Hot Plate	Avantco	IC800	4	18				New		yes									120				O/O		
FL9	Food Lab	Walk-in Freezer	Norlake	Kold Locker	1	60	84			Future	yes													Yes		yes	Depressed slab.
FL10	Food Lab	Walk-in Refrigerator	Norlake	Kold Locker	1	60	84			Future	yes													Yes		yes	Depressed slab.
FL11	Food Lab	Freeze Dryer	Harvest Right	HomrPro Medium	1	18	21	28.5	B	New											110				O/O		Oil free pump
FL12	Food Lab	Ice Machine	Avantco	KMC-H-530-A 30"	1	30	32.8	68	F	New	yes					X					115	9.4	1		C/C	yes	
	Food Lab	Exhaust Hood			1					New															O/C		Sized for Induction Range
	Laundry	Washer	Maytag Commercial	MLE22PDAYW	1	27	29	74	F	New	yes	yes									120	30			C/C	yes	Stacked unit with dryer. Electric dryer
	High Bay Space	Mobile Gantry Crane	Wallace Cranes	Thrifty 1015-9AC		108	78	200		New																yes	
	High Bay Space	Electric Chain Hoist	Harrington	NERG050L						New																no	Geared trolley
	High Bay Space	Chain container	Harrington							New																no	

Note: Manufacturers listed are for programming purposes only. They are neither mandatory nor a contractual requirement for inclusion. The Design Build Team will need to consult the Using Agency in developing the final equipment list considering Using Agency preference, budget constraints and the requirements of the CDB Design Manual including but not limited to: CDB DM Article 2 Section 2.5D Buy Illinois Program; CDB DM Article 3 Section 3.4 Competitive Product Selection and CDB DM Article 2 Section 2.8 which may apply during the design process should Federal funding become part of the program.