



ADDENDUM NO. 1

Attachment: Program Phase Designer Submittal

REQUEST FOR QUALIFICATIONS

Project Management Services, Facility Planning and Control
Louisiana State Police Crime Laboratory
Department of Public Safety & Corrections
Baton Rouge, Louisiana
Project No. 08-419-23-03, F.08000151

July 25, 2024

ITEM NO. 1: Program Phase Designer Submittal

This Addendum No. 1 includes the Program Phase Designer Submittal (ATTACHED).

END OF ADDENDUM

Louisiana State Police Crime Laboratory
Department of Public Safety & Corrections Baton Rouge, LA

Project No. 08-419-23-03
WBS No. F.08000151

Program Narrative

Date: 04.26.2024

Project Description:

The Louisiana State Police Crime Laboratory project is a new approximately 115,000 square foot state-of-the-art Crime Laboratory for the Louisiana State Police at the Campus (Headquarters) in Baton Rouge. The building will provide specialized areas for scientific analysis, including but not limited to the following forensic units: Seized Drugs Unit, Toxicology Unit, DNA Unit, CODIS Unit, Rapid DNA Unit, Firearms Unit, NIBIN Unit, Latent Comparison Unit (Fire Debris / Tire & Shoe Impressions), Evidence Receiving Unit & ECU, and Crime Scene Investigation (CSI). The building will also include Administrative and Training spaces.

The new facility will be designed and built in accordance with State technical and design guidelines. Note that the forensics laboratories have unique requirements for specialized areas of forensic work including, but not limited to, environmental health and safety, hazardous materials, security, and preservation of evidence in an uncontained state, and operational efficiently.

The project scope includes site preparation and the following site components: access drives, visitor parking, employee parking, secure/screened service yard, NIBIN Conex Container, landscaped courtyard, landscaping for screening, fencing, site lighting, and cameras. Security and distinct site access points are very important to ensure safe maneuvering of evidence to the Crime Lab.

The available funds for construction (ASC) confirmed by FP&C and LSP are \$92,000,000.00.

Design Drivers:

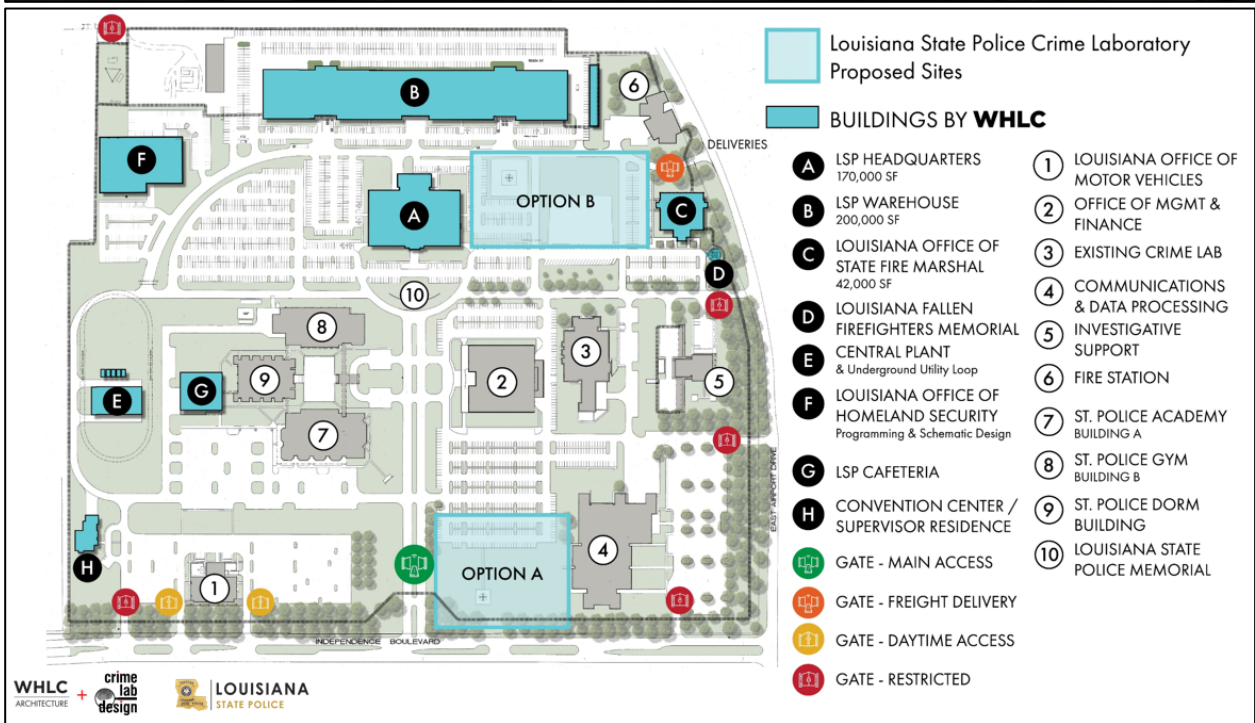
- Guiding Principles (LSP) – *Principles relevant to building design:*
 - BALANCE: Create a work environment that is pleasant and fun to work in. Participate in work related ductions to increase morale and camaraderie. Avoid workplace tension and conflict.
 - TEAMWORK: Collaborate with coworkers and management to achieve efficient workflow, timely case reviews, and administrative duties. Complete tasks with a positive, considerate, and professional attitude. Volunteer to conduct tours, be on the audit team or crime scene response, and assist other units with they ask for help, etc.
- *Project Needs – Qualitative (from Original Needs Assessment):*
 - Furniture flexibility
 - Space adaptability
 - Facility image
 - Wellness and staff Amenities
- *'Efficient and Mission Focused'* – Captain Guidry

Program:

- See attached Program Document (7 - 8.5" x 11" pages) for itemized building requirements.

Site:

- Site A is the selected site for the new Louisiana State Police Crime Lab.



Louisiana State Police Crime Lab - Crime Lab Program

Louisiana State Police Crime Lab - Crime Lab Program								
Program #	Space Name	Occupancy	Quantity	Mod	NSF	Ratio	GSF	Comments
1.0	Seized Drugs Unit							
1.1	Drug Lab			15.0	1815	0.65	2792	
1.2	Instrument Room			7.5	907.5	0.65	1396	15 instruments
1.3	Bio vestibule			1.0	121	0.65	186	Washing, PPE storage, and pressure exchange
1.4	Reagent Prep & Glassware Wash			2.0	242	0.65	372	
1.5	Weighing			1.0	121	0.65	186	
1.6	WIP (Work in Progress)			2.0	242	0.65	372	
1.7	Shared Supply Storage			1.0	121	0.65	186	
1.8	Shared Bio/Chem Waste Storage			0.5	60.5	0.65	93	
1.9	Shared Gas Cylinder Room			0.5	60.5	0.65	93	
1.10	Cubicles		15	10.80	1306.8	0.6	2178	
1.11	Work Room			1.5	181.5	0.6	303	
1.12	Phone Booth		2	1.0	121	0.6	202	
1.13	Conference Room		1	2.0	242	0.6	403	
TOTAL					5542		8763	
2.0	Toxicology Unit							
2.1	Toxicology Lab			12.0	1452	0.65	2234	Accessioning, extraction, screening
2.2	Instrument Room			10.0	1210	0.65	1862	(LCMSMS 4, 4 orbe traps. 2 GC. 1 GCMS)
2.3	Blood Alcohol Lab			3.0	363	0.65	558	
2.4	Bio vestibule			1.0	121	0.65	186	
2.5	Reagent Prep & Glassware Wash			2.0	242	0.65	372	
2.6	Prep			2.0	242	0.65	372	
2.7	Toxicology Reference			1.0	121	0.65	186	
2.8	WIP (Work in Progress)			2.0	242	0.65	372	
2.9	Long-term Storage Walk-In			4.0	484	0.65	745	
2.10	Supply Stroage			0.5	60.5	0.65	93	
2.11	Bio/Chem Waste Storage			0.5	60.5	0.65	93	
2.12	Gas Cylinder Room			0.5	60.5	0.65	93	
2.13	Cubicles		12	8.64	1045.44	0.6	1742	
2.14	Work Rm			1.5	181.5	0.6	303	
2.15	Phone Booth		2	1.0	121	0.6	202	
TOTAL					6006		9413	

Louisiana State Police Crime Lab - Crime Lab Program

Louisiana State Police Crime Lab - Crime Lab Program								
Program #	Space Name	Occupancy	Quantity	121 Mod	121 NSF	Ratio	GSF	Comments
3.0	DNA Unit							
3.1	Screening Room		6	8	1016.4	0.65	1564	
3.2	Extraction (LRG)			11.0	1331	0.65	2048	
3.3	Post-Amp Lab			8.0	968	0.65	1489	
3.4	Training Lab			6.0	726	0.65	1117	
3.5	Innovation Lab			5.0	605	0.65	931	
3.6	ALS Room (LRG)			3.0	363	0.65	558	
3.7	ALS Room		2	3.0	363	0.65	558	Small amounts & bone milling
3.8	Bio vestibule			1.0	121	0.65	186	Shared w/ Pre-Amp
3.9	Reagent Prep			2.0	242	0.65	372	Pre-Amp
3.10	Bio vestibule			1.0	121	0.65	186	Post-Amp
3.11	Triage/Bulk Storage			4.0	484	0.65	745	Pre-Amp
3.12	Long-term Storage (Dry)			4.0	484	0.65	745	
3.13	Long-term Storage (Freezer)			4.0	484	0.65	745	
3.14	Supply Storage			1.0	121	0.65	186	
3.15	WIP (Work in Progress)			2.0	242	0.65	372	
3.16	JC (Janitors Closet)			0.5	60.5	0.65	93	Training
3.17	JC (Janitors Closet)			0.5	60.5	0.65	93	Post-Amp
3.18	Autoclave			1.0	121	0.65	186	Post-Amp / Training
3.19	Decontamination			2.0	242	0.65	372	
3.20	Bio/Chem Waste Storage			1.0	121	0.65	186	
3.21	Attorney Room			2.0	242	0.6	403	
3.22	Cubicles (DNA)		45	32.40	3920.4	0.6	6534	
3.23	Break Room			2.0	242	0.6	403	
3.24	Conference Room			4.5	544.5	0.6	908	
3.25	Phone Booth		3	1.5	181.5	0.6	303	
TOTAL					13,407		21,284	
4.0	CODIS Unit							
4.1	Main Lab			10.0	1210	0.65	1862	
4.2	Accessioning Stations			6.0	726	0.65	1117	
4.3	Bio vestibule			1.0	121	0.65	186	CODIS/RAPID
4.4	Supply Storage			1.0	121	0.6	202	
4.5	WS (Worked Storage)			6.0	726	0.6	1210	
4.6	Cubicles (CODIS & Access)		12	8.6	1045.44	0.6	1742	
4.7	CODIS Server			1.5	181.5	0.6	303	
TOTAL					4,131		6,621	
5.0	Rapid DNA Unit							
5.1	Main Lab			1.00	121	0.65	186	
5.2	Cubicles		4	2.88	348.48	0.6	581	
TOTAL					469		767	

Louisiana State Police Crime Lab - Crime Lab Program

Program #	Space Name	Occupancy	Quantity	Mod	NSF	Ratio	GSF	Comments
				121	121			
6.0	Firearms Unit							
6.1	Main Lab			30.00	3630	0.65	5585	(add DMD, 2 of the 3d imaging)
6.2	Shop			2.00	242	0.65	372	
6.3	Biohazard Exam / GSR / SNR			3.00	363	0.65	558	
6.4	Live Ammo			1.50	181.5	0.65	279	
6.5	Test Fires			0.00	0	0.65	0	Cage LT storage
6.6	Weapon / Ammo Reference			4.00	484	0.65	745	
6.7	Equipment Storage			1.00	121	0.65	186	
6.8	Range Storage			1.00	121	0.65	186	
6.9	Supply Storage			1.00	121	0.65	186	
6.10	WIP (Work in Progress) / Bulk			2.00	242	0.65	372	
6.11	Firing Range			12.40	1500	0.65	2308	20' x 75'
6.12	Mechanical Space			3.00	363	0.65	558	
6.13	Water Tank			2.50	302.5	0.65	465	
6.14	SEM			1.00	121	0.65	186	
6.15	Conference Room			2.00	242	0.6	403	
6.16	Work Room			1.00	121	0.6	202	
6.17	Phone Booth			0.50	60.5	0.6	101	
TOTAL					8216		12694	
7.0	NIBIN Unit							
7.1	NIBIN Interior			4.0	484	0.65	745	3 stations
	Waiting Room			0.0	0	0.6513	0	
	NIBIN Exterior			0.0	0	0.6513	0	1 station
	Melow Container			0.0	0	0.6513	0	Water tank
	Conex Container			0.0	0	0.6513	0	40' w/ WT & range
TOTAL					484		745	

Louisiana State Police Crime Lab - Crime Lab Program

Program #	Space Name	Occupancy	Quantity	Mod	NSF	Ratio	GSF	Comments
				121	121			
8.0	Latent Comparison Unit (Fire Debris / Tire & Shoe Impressions)							
8.1	FD Lab			4.0	484	0.65	745	(2 ref, sink, FH, oven)
8.2	FD Instrument Room			1.0	121	0.65	186	(1 GC, sink, snorkel)
8.3	TS Main Lab			3.0	363	0.65	558	(scullery sink, copy stand, long bench & floor)
8.4	Bio vestibule			1.0	121	0.65	186	Shared w/ TS & FD
8.5	Reference Storage Room			2.0	242	0.65	372	(4 flam, sink, FH, ref,)
8.6	FD WIP (Work in Progress)			1.0	121	0.65	186	
8.7	TS WIP (Work in Progress)			1.0	121	0.65	186	
8.8	LP WIP (Work in Progress)			1.0	121	0.65	186	
8.9	AFIS Room			1.0	121	0.65	186	1 station
8.10	Waste Storage			1.0	121	0.65	186	
8.11	Gas Cylinder Room			0.5	60.5	0.65	93	
8.12	Bio/Chem Waste Storage			0.5	60.5	0.65	93	
8.13	Cubicles (2FD + 1 Impression)		3	2.2	220	0.6	367	
8.14	Cubicles (ID + Office)		10	9.0	1089	0.6	1815	
8.15	case prep (copy stand & computer)			0.7	78.801371	0.6	131	
8.16	Conference Room			2.0	242	0.6	403	
8.17	Phone Booth			0.5	60.5	0.6	101	
TOTAL					3747		5982	
9.0	Evidence Receiving Unit & ECU							
9.1	Receipt & Release (ER)			4.0	484	0.65	745	
9.2	Evidence Counter (ER)			2.0	242	0.65	372	
9.3	After Hours Drop-Offs			1.0	121	0.65	186	
9.4	Entry / Lobby			4.0	484	0.65	745	
9.5	ER Main Vault			12.0	1452	0.65	2234	
9.6	ECU Main Vault			20.0	2420	0.65	3723	
9.7	Pick-up Window / Pass thru			0.5	60.5	0.65	93	
9.8	Evidence Destruction (next to office)			1.5	181.5	0.65	279	
9.9	Water Tank			3.0	363	0.65	558	
9.10	Toilet (Lobby)			1.0	121	0.65	186	
9.11	Toilet (staff)			1.0	121	0.65	186	
	Work Room			0.0	0	0.65	0	
9.12	Break Room			3.0	363	0.6	605	
TOTAL					6413		9913	

Louisiana State Police Crime Lab - Crime Lab Program

Program #	Space Name	Occupancy	Quantity	Mod	NSF	Ratio	GSF	Comments
10.0	CSI				121			
10.1	Triage Lab			7.0	847	0.65	1303	
10.2	LP Processing			7.0	847	0.65	1303	(3 dust & 6 fuming)
10.3	6' FH Processing			1.0	121	0.65	186	(arson, decomp)
10.4	Mud Rm			0.5	60.5	0.65	93	
10.5	ALS / Photo / DNA			2.5	302.5	0.65	465	
10.6	BV			1.0	121	0.65	186	
10.7	Laundry			0.5	60.5	0.65	93	(W&D)
10.8	Photo / ALS			1.0	121	0.65	186	(LP)
10.9	Reagent Prep			2.0	242	0.65	372	(LP) 6' FH
10.10	6' FH			1.0	121	0.65	186	(long gum processing)
10.11	Field Gear			1.5	181.5	0.65	279	
10.12	WIP+Bulk (triage)			2.0	242	0.65	372	
10.13	Evidence Drying Rm			1.5	181.5	0.65	279	
10.14	WIP (LP)			2.0	242	0.65	372	
10.15	Stroage Rm			1.0	121	0.65	186	
10.16	Toilet & Shower			4.0	484	0.65	745	
10.17	Lockers (30)			3.0	363	0.65	558	
10.18	Vehicle Exam Bay		3	25.0	3023.79	0.65	4652	
10.19	Vehicle Exam Bay (Decomp)			5.6	675.18	0.65	1039	
10.20	Pantry			0.5	60.5	0.60	101	
10.21	Overnight			1.0	121	0.60	202	
10.22	Cubicles		5	3.6	435.6	0.60	726	
10.23	Break Room			1.5	181.5	0.60	303	
10.24	Phone Booth			0.5	60.5	0.60	101	
TOTAL					9217		14,289	

Louisiana State Police Crime Lab - Crime Lab Program

Program #	Space Name	Occupancy	Quantity	121 Mod	121 NSF	Ratio	GSF	Comments
11.0	Administration							
11.1	Entry			2.0	242	0.60	403	
11.2	Lobby			4.0	484	0.60	807	
11.3	Attorney Conference Room			1.0	121	0.60	202	
11.4	Library			2.0	242	0.60	403	
11.5	Break Rm			4.0	484	0.60	807	
11.6	Mother's Rm			1.0	121	0.60	202	
11.7	2 Wellness Rm		2	2.0	242	0.60	403	
11.8	Pantry / Kitchen			2.0	242	0.60	403	
11.9	Reception			1.0	100	0.60	167	
11.10	Case File Rm			1.0	121	0.60	202	
11.11	Mail			1.0	121	0.60	202	
11.12	Case Files			2.0	242	0.60	403	
11.13	Locker/Shower			0.0	0	0.60	0	
11.14	Locker/Shower			0.0	0	0.60	0	
11.15	Personal Files			0.5	60.5	0.60	101	
11.16	Kitchen			1.5	181.5	0.60	303	
11.17	LIMS Server			1.0	121	0.60	202	
11.18	IT Storage			1.0	121	0.60	202	
11.19	IT WorkRm			1.0	121	0.60	202	
11.20	Shop			1.0	121	0.60	202	
11.21	Laundry (DNA)			1.0	121	0.60	202	
11.22	Consumable Storage			1.0	121	0.60	202	
11.23	Loading Dock			4.0	484	0.60	807	
11.24	New Chemicals			2.0	242	0.60	403	
11.25	Waste (bio / chem)			2.0	242	0.60	403	
11.26	Old Equip.			1.0	121	0.60	202	
11.27	Private Offices		37	33.884	4100	0.60	6833	Administration 9, DNA 6, CODIS 5, Drug 2, Tox 1, IT 2, Crim 1, QA 3, FA 1, NIBIN 1, LP 1, CSI 1, ECU 1; 33 private offices + 4 commander offices (2 modules each) = 41 modules
11.28	QA Cubicles		5	3.6	435.6	0.60	726	
11.29	Conference Room			6.0	726	0.60	1210	
TOTAL					10081		16,801	
12.0	Training							
12.1	Mock Court			6.0	726	0.65	1117	
12.2	Storage (eq)			2.0	242	0.65	372	
12.3	Training ClassRm (150)			30.0	3630	0.65	5585	3000
12.4	Storage (table & Chairs)			2.0	242	0.65	372	
TOTAL					4840		7446	

Louisiana State Police Crime Lab - Crime Lab Program								
Program #	Space Name	Occupancy	Quantity	121 Mod	121 NSF	Ratio	GSF	Comments
13.0	Building Infrastructure							
13.1	Mechanical/Plumbing Rm		1	29	3509			
13.2	Switchgear & Substations/EM/Distribution Panel		1	29	3509			
13.3	UPS Rm		1	2	242			
13.4	Elec Closet		4	1	484			
13.5	Telecom Closet		4	1	484			
13.6	Server Rm (Micro & Forensic Sciences)		2	1	242			
13.7	Mechanical Shafts		2	1	242			
13.8	Fire Pump Rm		0	0	0			
	TOTAL				8712			
13.9	Penthouse		1	116.00	14036.0	0.94		
13.10	Chiller Yard		0	0.00	0.0	0.00	0	
13.11	Electrical Yard (1-2 Generator Pads)		0	0	3000	0.93	0	
	TOTAL (not in program)				17036		0	
	TOTAL				72,552.83		114,718.27	
					NSF		GSF	
	TARGET TOTAL GSF						115,000.00	