

Mississippi Forensic Laboratory  
 Notice of Proposed Sole Source Purchase  
 Sole source # 3150003740

The Mississippi Forensic Laboratory (MSFL) is seeking to purchase Life Technologies Kits, Reagents, Capillaries and related consumables as defined in the state law.

1. **Description of the commodity or commodities the MSFL is seeking to procure:**

**Make and Model:** Life Technologies Kits, Reagents, Capillaries and related consumables for use in instruments validated using these specific products.

**Description:** Life Tech Technologies Kits, Reagents, Capillaries and related consumables.

Line	Item Number	Item Description
1	401734	Prism Genescan Kit 500 Rox
2	402824	Buffer (10X) with EDTA 25 mL
3	402838	POP4 310 GA ea
4	4306737	FG,TCII Reaction Plt,96 Well,Barcode Kit
5	4311320	Hi-Di Formamide Bottle 25 mL
6	4311971	FG, Optical Adhesive Covers Each
7	4312131	Kit, Matrix Standard Set DS-32 Each
8	4315932	Septa Strip, 96 Well Tray Ea
9	4316813	Bulkpack 96-Well Rxn Plates, 50XN8010560
10	4322288	AmpFLSTR Identifiler PCR Kit Each
11	4322682	Genescan-500(LIZ) Size Std Kit Ea
12	4326659	TF,96-Well Optical Plate Bulk PK(500 PLT
13	4333464	Capillary Array 4 x 36 CM
14	4343895	Quantifiler Human DNA Kit
15	4345831	Ref-E-32 (Dye Set F) Matrix Std Kit
16	4345833	DS-33 (Dye Set G5) Matrix Std Kit
17	4349180	FG,7500 Spectral Dye Cal Kit Each
18	4350584	96 Well RNASE P VERIF PLATE NO PAD
19	4351151	7500 Spectral Red Dye Cal Kit Each
20	4359513	AmpFLSTR Yfilr PCR Amplificatn Kit
21	4363752	3130 POP-4 3.5 mL
22	4376911	DS-33 LIZ600 Genescan Install Kit
23	4387746	Quantifiler Duo DNA Quant. Kit Each
24	4393710	POP-4 (960) Polymer 3500 Series Each
25	4393715	POP-4 (384) Polymer 3500 Series Each
26	4393718	Conditioning Reagnt 3500 Series Each
27	4393927	Anode Bffr Containr 3500 Series Each
28	4404683	Capillary Array 8-Cap 36cm Ruo Each
29	4404687	Capillary Array 24-Cap 36cm Ruo
30	4408256	Cathode Bfr Containr 3500 Series Each

31	4408399	Genescan-600 LIZ Size Std V2.0 Each
32	4410228	96Well Retainer & Base Std Ruo
33	4410231	8 Tube & Retainer Std Ruo Each
34	4410701	Septa, 8 Strip Ruo 3500 Each
35	4410715	Septa Cathode Buffer Cntr 3500 Ruo
36	4412614	Septa, 96 Well Ruo 3500 Each
37	4412619	Kit, Pouch Cap 3500 Each
38	4425042	DS-36 Matrix Standard Kit (Dye Set J6)
39	4440753	Hi-Di Formamide 4x5 mL Bottle Each
40	4467079	Prep-N-Go Buffer Each
41	4471406	Prep-N-Go Buffer (Buccal Swab) Each
42	4474665	FG, Globalfiler Express (1000 RXN)
43	4476135	FG, Globalfiler Kit Each
44	4476609	FG, Globalfiler Express (200 RXN)
45	4482730	Yfiler Plus Kit (500X) Each
46	4482815	FG, Globalfiler Kit 1000RXN Each
47	4482910	Quantifiler Trio Kit Each
48	4484678	Yfiler Plus Kit (100x) Each
49	A25019	HID 7500 Calibration Kit Each
50	N8010560	MicroAmp 96-Well Rxn Plate – Ea no barcode
51	A41831	AB RHID ACE GFE 50 SMPL KIT EA
52	A41841	AB RHID PRIMARYCTRG GFE 100 EA
53		Shipping

**2. Explanation of why the commodity is the only one that can meet the needs of the Agency:**

The items are used for DNA Human Identification within the Standard Operating Procedures for DNA Section of the Mississippi Forensic Laboratory. Their Validated SOP's demands that certain functions, features and abilities that are only found in Life Technologies AmpFISTR®PCR Amplification Kits when used in conjunction with validated Life Technologies 3130, 3500, 3500xl, 7500, Gene Analyzer. The 3130 3500 and 3500xl Genetic Analyzer is a fully integrated system with proven ABI PRISM reagent kits and software for automated DNA sequencing, genotyping and mutation detection.

**3. Explanation of why the source is the only person or entity that can provide the required commodity:**

There are no other manufacturers that offer systems that match the unique specifications and capabilities of the Life Technologies AmpFISTR®PCR Amplification Kits. The Life Technologies Prism Genetic Analyzers currently in use at the Mississippi State Forensic Laboratory have been validated under our protocols, to analyze Human DNA samples for the purpose of Human Identification, utilizing capillary electrophoresis technology. Life Technologies is the sole manufacturer and distributor of all Life Technologies kits, reagents,

capillaries, and related consumables used in conjunction with these instruments. Used with the only sixteen and/or four capillary systems manufactured in the world that have the ability, and are validated. These products are sold direct, and are available exclusively from Life Technologies.

**4. Explanation of why the amount to be expended for the commodity is reasonable:**

**Estimated Cost:** \$497,000

Amount is within the expected price range of this items being requested.

These products are sold direct, and are available exclusively from Life Technologies. Life Technologies is the exclusive distributor of all forensic kits, reagents, software, capillaries, service and all related consumables used in conjunction with these instrument models.

**5. Efforts the Agency went through to obtain the best possible price for the commodity:**

MSFL has negotiated with Life Technologies who has given us a discount. The price has been established by the discount provided by the company. MSFL is not paying the list price for the commodities.

\*Any person or entity that objects and proposes that the commodity listed is not sole source and can be provided by another person or entity should submit a written notice to:

Betsy Toles or Sonya Toaster  
Procurement Department  
4<sup>th</sup> Floor, Room 402  
1900 East Woodrow Wilson Avenue  
Jackson, MS 39216

The notice should contain a detailed explanation of why the commodity is not a sole source procurement, as well as, but not limited to the following information:

**Interested Party Information**

- Contact Name, Phone Number, and email address
- Company Website URL, if applicable

**Objection to Sole Source Justification**

- Interested parties must present specific objections to the Sole Source certification, including, but not limited to the following:

- a) A description of the commodity or commodities that Interested Party believes is comparable to the Life Technologies Kits, Reagents, Capillaries and related consumables;
  - b) An explanation of why Interested Party's commodity or commodities can also meet the needs of the agency; and
  - c) A list of sources from which Interested Party's commodity may be procured.
- If Interested Party claims that the Life Technologies Kits, Reagents Capillaries and related consumables are available from a source other than Life Technologies, the objection must contain a written statement from Life Technologies that the Interested Party is an authorized distributor or reseller of the Life Technologies Kits, Reagents, Capillaries and related consumables.

This information should be provided no later than Tuesday, July 27, 2021 at 5:00 pm local time. Response may be delivered by hand, via regular mail or overnight delivery.

If after a review of the submitted notice and documents, MSFL determines that the commodity in the proposed sole-source request can be provided by another person or entity, then MSFL will withdraw the sole source request publication from the procurement portal website and submit the procurement of the commodity or commodities to an advertised competitive bid process.

If MSFL determines after the review that there is only one (1) source for the required commodity or commodities, then MSFL will appeal to the Public Procurement Review Board (PPRB). MSFL will have the burden of proving that the commodity or commodities is only provided by one (1) source.