

Mississippi Forensic Laboratory
Notice of Proposed Sole Source Purchase
Sole source # 3150006301

The Mississippi Forensic Laboratory (MSFL) is seeking to purchase Thermo Fisher Scientific 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	4311320	Hi-Di Formamide Bottle 25ML
2	4349180	FG, 7500 Spectral Dye Cal Kit Each
3	4393715	POP-4 (384) Polymer 3500 Series Each
4	4393718	Conditioning Reagnt 3500 Series Each
5	4393927	Anode BFFR Containr 3500 Series Each
6	4404683	Capillary Array 8-Cap 36CM Ruo Each
7	4408256	Cathode BFR Containr 3500 Series Each
8	4408399	Genescan-600 Liz Size STD V2.0 Each
9	4425042	DS-36 Matrix Standard Kit (Dye Set J6)
10	4476135	FG, Globalfiler Kit Each
11	4482730	YFiler Plus Kit (500x) Each
12	4482910	Quantifiler Trio Kit Each

13	A41831	AB RHID Ace Gfe 50 smpl Kit Each
14	A53084	AB RHID Primaryctrng GFE 150 Each
15	4461591	96WSTD Calibration Plate w/ABY ABY Dye
16	4461593	96WSTD Calibration Plate w/JUN JUN Dye
17	4461599	96 Well Cal Plate W/MP Dye MP Dye
18	A49105	SEQstudio 24-Cap, 36 CM, RUO Each
19	4404687	Capillary Array 24-CAP 36CM RUO
20		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 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 only sixteen and/or four capillary systems manufactured in the world that have the ability and are validated. These products are sold directly and are available exclusively from Life Technologies.

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

Estimated Cost: \$462,343.79

The amount is within the expected price range of these items being requested.

These products are sold directly 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 have 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:

Sonya Williams or Britney Wesley
Procurement Department
4th 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, August 19, 2025, 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