

Mississippi Forensic Laboratory  
 Notice of Proposed Sole Source Purchase  
 Sole source # 3150005603

The Mississippi Forensic Laboratory (MSFL) is seeking to purchase Qiagen Automatable kits 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:** Qiagen Automatable kits and related consumables.

<b>Item</b>	<b>Catalog number</b>	<b>Description</b>
<b>1</b>	<b>1002137</b>	<b>Freight Charges</b>
<b>2</b>	<b>1014636</b>	<b>Buffer G2 (260/250)</b>
<b>3</b>	<b>19076</b>	<b>Buffer ATL (200ml)</b>
<b>4</b>	<b>19112</b>	<b>Buffer MTL (54 ml)</b>
<b>5</b>	<b>19133</b>	<b>Proteinase K (10 ml)</b>
<b>6</b>	<b>19134</b>	<b>Proteinase K</b>
<b>7</b>	<b>383625</b>	<b>Investigator Argus Y-28 QS Kit (100)</b>
<b>8</b>	<b>387216</b>	<b>Investigator Quantiplex Pro Kit (200)</b>
<b>9</b>	<b>387416</b>	<b>Investigator Quantiplex Pro Calibr Kit</b>
<b>10</b>	<b>51331</b>	<b>QIAamp 96 DNA QIAcube HT (5)</b>
<b>11</b>	<b>9018927</b>	<b>Adapter, Flip-Cap 32x1.5 ml Tapered-Base</b>
<b>12</b>	<b>9018950</b>	<b>Flip-Cap Tube Lifter 32x1.5ml Tapered</b>
<b>13</b>	<b>950067</b>	<b>QIAcube HT Plasticware</b>
<b>14</b>	<b>952034</b>	<b>EZ1&amp;2 DNA Investigator Kit (48)</b>
<b>15</b>	<b>990512</b>	<b>Filter-Tips, 50 (960)</b>
<b>16</b>	<b>990522</b>	<b>Filter- Tips 200 (960)</b>
<b>17</b>	<b>1117316</b>	<b>1MDTT,1ml</b>
<b>18</b>	<b>17000-10</b>	<b>PCR Water (10x1ml)</b>
<b>19</b>	<b>19597</b>	<b>Investigator Lyse &amp; Spin Basket (50)</b>
<b>20</b>	<b>19598</b>	<b>Investigator Lyse &amp; Spin Basket (250)</b>

21	209003	qPCR adhesive plate foil (100)
22	386055	qPCR adhesive plate foil perforated (100)
23	387516	Investigator Quantiplex Pro FLX kit (576)
24	990392	Rotor Adapter Holder
25	990554	Reagent Trough (with lid), 70ML (10)

Description: **Qiagen Automatable Kits and related consumables**

The QIAGEN EZ1&2 DNA Investigator Kit reproducibly automates purification of genomic DNA from reference and casework samples in human identity testing. The kit can be used with the EZ1 Advanced XL (1–14 samples per run) instruments. The EZ1&2 DNA Investigator Kit provides optimized chemistries for automated DNA purification with more efficient yields. The EZ1&2 DNA Investigator Kit includes carrier RNA for increased efficiency. The Investigator Quantiplex Pro FLX Kit is intended for molecular biology applications in forensic, human identity, and paternity testing. The Investigator Argus Y-28 QS Kit allows multiplex amplification of 27 Y-chromosomal STR markers from multiple male-specific sample types, such as male–male and male–female mixtures, as well as direct PCR amplification from single-source samples. Qiagen’s automatable kits are the only extraction kits and related consumables that work on the instruments being used by the Mississippi Forensics Laboratory.

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

The QIAGEN EZ1&2 DNA Investigator, Investigator Quantiplex Pro FLX, and Investigator Argus Y-28 QS Kit are the consumable kit required for extraction of genomic DNA from forensic sample types on the QIAGEN BioRobot EZ1. The QIAGEN EZ1&2 Kit chemistry is the only chemistry that can operate on the QIAGEN BioRobot EZ1 Nucleic Acid Extraction System. QIAGEN is the sole manufacturer and distributor of EZ1 &2 Kit chemistry, Investigator Quantiplex Pro FLX Kit, and Investigator Argus Y-28 QS Kit and EZ1 extraction platform. QIAGEN automatable kits has been proven to provide the required results for downstream applications of quantitative PCR and STR profiling for the purpose of casework processing and uploading data to the CODIS and NDIS reference database.

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

QIAGEN is the only manufacturer that produces forensic-DNA grade extraction chemistry with Production and Quality Control standards that exceed ISO18385 requirements (December 2017: new QIAGEN spec: <4 pg/40 µl eluate (12.5-fold more stringent than ISO 18485 requirement of

<50pg/100µl eluate) necessary for the sensitivity developed and in use at the MSFL. The EZ1&2 DNA Investigator, Quantiplex Pro FLX Kit, and Argus Y-28 QS Kit chemistry is only suitable for use with the EZ1 Advanced instruments and protocol installed, validated and in use at the Mississippi Forensics laboratory.

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

Estimated Cost: \$101,000.00

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

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

MSFL receives a 6.62% discount on the instruments, a 3% discount on the cards and installation and a 3% discount on the EZ1 investigator kits. The price has been established by the discount provided by the company.

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

Britney Wesley or Sonya Toaster  
Procurement Department  
4<sup>th</sup> Floor, Room 402  
Jackson, MS 39216

The notice should contain a detailed explanation of why the commodities are 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 Qiagen Kits 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 Qiagen Kits and related consumables are available from a source other than Qiagen the objection must contain a written statement from Qiagen that the Interested Party is an authorized distributor or reseller of the Qiagen Kits and related consumables.

This information should be provided no later than Tuesday, April 16, 2024, at 5:00 pm local time.

Procurement of the commodity or commodities to an advertised competitive bid process. 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.