



The City of  
**OKLAHOMA CITY**

POLICE DEPARTMENT  
Wade Gourley  
Chief of Police

MEMORANDUM

TO: Sharmanlyne Vickers, Purchasing Agent  
Procurement Services Division, Finance Department

FROM: Jason Clifton, Acting Chief of Police *JC*  
Oklahoma City Police Department

DATE: March 18, 2024

SUBJECT: Sole Source – Qiagen

This OKCPD preventative maintenance (PM) contract services two QIAGEN QIAcube laboratory robotic stations and one MiSeq FGx DNA Sequencer. Also needed is a software / service agreement for the DNA Sequencer – (ForenSeq UAS Standard Agreement). QIAGEN owns the sole rights to these platforms, distribution, and the chemistry / consumables needed to perform the required daily tasks.

These instruments allow the laboratory to automate and process comingled samples in sexual assault cases for DNA. These instruments are also critical, and the department has invested considerably in their validation. As critical and costly scientific instruments, these service contracts are valuable investments toward the quality assurance and successful operation of the DNA unit.

The Oklahoma City Police Department is needing to pay for the maintenance invoices for the DNA Sequencer for the period of 09/01/23 to 08/31/24. The Instrument Maintenance portion is \$17,432.00 and the Software Maintenance portion is \$7,835.00. This contract will also be needed to pay for the renewal of the DNA Sequencer maintenance for the period of 09/01/24 to 08/31/25. This contract will also pay for the two QIAcube maintenance agreements that both have the renewal period of 05/16/24 – 05/15/25 for \$4302.00 each totaling \$8,604.00.

The MiSeq DNA Sequencer was purchased from Verogen in August of 2022, however Qiagen acquired Verogen on January 3, 2023. The contract that would have been utilized to pay for the maintenance period of 09/01/23 to 08/31/24 is SS24-C247004-QIAGENINC) expired on 01/24/24 with a not to exceed amount of \$25,000.00 of which \$3,005.23 was remaining. Due to the timing of when Police Finance was given the approval to proceed with payment of the invoices, the contract had expired causing the need to incorporate the invoices for \$17,432 and \$7,835.00 in with a new sole source contract that will be assigned by Procurement.

As these are specialized scientific instruments validated by the laboratory, there are no other comparable sources or vendors to approach regarding fulfilling this need.

Estimated cost \$150,000.00

Funding:

Police - Police Sales Tax-RSTR - Police Investigations Support– Professional Services / Other  
Equipment – Police DNA LAB  
(020-0100-4200732-52040046 / 53040031-11053)

## MiSeq FGx® Sequencing System and ForenSeq portfolio

To whom it may concern:

This letter is to confirm that Verogen Inc. is a fully owned member of the QIAGEN® Group of Companies following the acquisition of entire Verogen Inc. by QIAGEN North American Holdings, Inc. on 3<sup>rd</sup> January 2023.

Verogen, Inc. (now a QIAGEN company) is the single source provider of the MiSeq FGx Sequencing System and ForenSeq reagents listed in this table.

Catalog no.	Product name
V16000023	ForenSeq DNA Signature Prep Kit (96)
15066151	ForenSeq DNA Signature Prep Kit (384)
V16000085	ForenSeq mtDNA Control Region Kit
V16000086	ForenSeq mtDNA Whole Genome Kit
V16000120	ForenSeq Kintelligence Kit
V16000128	ForenSeq MainstAY Kit (384rxn)
V16000142	ForenSeq MainstAY Kit (96rxn)
V16000168	ForenSeq Univ. Analysis Software, Server
V16000183	ForenSeq MainstAY SE Kit (96 reactions)
V16000189	ForenSeq Imagen Kit (96rxn)
V16000137	ForenSeq Enhanced PCR1 Buffer System
15066817	MiSeq FGx Reagent Kit
20021681	MiSeq FGx Reagent Micro Kit
15048975	MiSeq FGx Sequencing System

QIAGEN hereby confirms that the QIAGEN group has the exclusive rights to sell and distribute the MiSeq FGx Sequencing System and reagent kits.

All related products (incl. MiSeq FGx Sequencing System, MiSeq FGx Reagent Kit, MiSeq FGx Reagent Micro Kit) are manufactured by Illumina®, Inc. exclusively for Verogen, Inc. and now for QIAGEN Group of companies.

QIAGEN is the only company authorized and trained to support the following MiSeq FGx services:

- MiSeq FGx, IQ/OQ/PQ
- MiSeq FGx, Installation & Training
- MiSeq FGx, Preventive Maintenance (PM) Service
- MiSeq FGx Server Support
- MiSeq FGx, Relocation Service performed by trained Service Specialist. (Including decommissioning, deinstallation, reinstallation, and verification of equipment at new location)
- MiSeq FGx, Spare Parts Agreement

#### Sole source specification / customer requirement

The MiSeq FGx Forensic Genomics System is specifically designed, developed, and validated for forensic applications based on industry leading Illumina Sequencing by Synthesis (SBS) technology for unparalleled data accuracy.

The NGS solution used with the MiSeq FGx Forensic Genomics System requires all of the following criteria and specifications:

1. The NGS solution must include a complete library preparation kit for the analysis of the following classes of markers in a single reaction:
  - a. Autosomal short tandem repeats (aSTRs)
  - b. X chromosome STRs (X-STRs)
  - c. Y chromosome STRs (Y-STRs)
  - d. Identity-informative single nucleotide polymorphisms (iiSNPs)
  - e. Phenotype-informative SNPs for hair colour and eye colour (piSNPs)
  - f. Biogeographical ancestry informative SNPs (aiSNPs)
2. The NGS solution must include a complete library preparation kit for the analysis of the mitochondrial DNA control region with a maximum mean amplicon length of 118 bp.
3. The NGS solution must include a complete library preparation kit for the analysis of the mitochondrial DNA whole genome with a maximum mean amplicon length of 131 bp.
4. The NGS solution must include a complete library preparation kit for the analysis of >50 of the most commonly used autosomal and Y-STRs in a single reaction.

5. The NGS solution must include a complete library preparation kit for the targeted sequencing analysis of >10,000 SNPs specifically selected for kinship analysis.
6. The NGS solution must include a complete library preparation kit for the targeted sequencing analysis of SNPs specifically selected for hair colour, skin colour, eye colour and biogeographic ancestry.
7. The NGS solution must be capable of generating results in <40 hours for all of the forensic library prep kits from the instrument vendor for all supported sample batch sizes.
8. The NGS solution must be capable of generating results for >50 autosomal and Y STRs markers in <31 hours for up to 96 samples including controls.
9. The NGS solution must be capable of sequencing up to 96 combined SNP and STR libraries simultaneously.
10. The NGS solution must be capable of sequencing up to 96 combined autosomal and Y-STR libraries prepared from casework samples simultaneously.
11. The NGS solution must include an automation platform with pre-programmed protocol modules and lab-ware for library preparation that is designed, developed, and tested specifically to match the manufacturers range of library preparation kits.
12. The NGS solution must include an automation platform from the NGS platform manufacturer with an on-board magnetic module and lab-ware disposal units that can support automated library preparation of up to 48 samples simultaneously.
13. The NGS solution must include an NGS instrument that utilizes sequencing-by-synthesis (SBS) chemistry.
14. The NGS solution must include an NGS instrument with the capability for automated, on-instrument, paired-end sequencing.
15. The NGS solution must include an NGS instrument with data accuracy that meets the following criteria:
  - a. > 90% of bases with Q scores > 30 (1 × 36 bp)
  - b. > 90% of bases with Q scores > 30 (2 × 25 bp)
  - c. > 85% of bases with Q scores > 30 (2 × 100 bp)
  - d. > 80% of bases with Q scores > 30 (2 × 150 bp)
  - e. > 75% of bases with Q scores > 30 (2 × 250 bp)
  - f. > 70% of bases with Q scores > 30 (2 × 300 bp)

16. The NGS solution must include an NGS instrument designed specifically for forensic applications and offering pre-programmed protocols for forensic library prep kits from the instrument vendor.
17. The NGS solution must include an NGS instrument capable of sequencing libraries prepared using reagents from all major relevant vendors including but not limited to Verogen, Illumina, Promega®, QIAGEN and Thermo Fisher® Scientific.
18. The NGS solution must include a suite of pre-programmed automation protocol modules, designed, developed, and tested specifically to match the manufacturer's range of library preparation kits.
19. The NGS solution must include a suite of analysis modules, designed, developed, and tested specifically to match the manufacturer's range of library preparation kits.
20. The NGS solution must include a software analysis platform that is capable of hosting both the manufacturer's application for pre-programmed automation protocol modules and suite of sequencing data analysis modules.
21. The NGS solution must include a range of analysis software applications and pre-programmed automation protocol modules that allow access by an unrestricted number of analysts at the end user facility with no per user or annual license fees.
22. The NGS solution must be able to perform automated, post run analysis of all STR, SNP, and mtDNA data generated from kits provided by the instrument vendor in less than one hour.
23. The NGS solution must include an mtDNA analysis software module capable of analyzing data from any 3rd party mtDNA assay run on the manufacturer's instrument platform.
24. The NGS solution must include an analysis module capable of generating a pre-configured report for free of charge upload to the GEDmatch database.
25. The NGS solution must include access to a dedicated portal for upload of missing persons and criminal case data to the GEDmatch database.
26. The NGS solution must include long range kinship analysis tools for use with data sets containing < 50,000 SNPs.
27. The NGS solution must be compatible with a range of automation platforms capable of generating sequencing-ready libraries for up to 96 samples simultaneously.

28. The complete NGS solution must have been developmentally validated in full by the manufacturer according to SWGDAM guidelines and key validation data for at least two complete workflows published in peer reviewed journals.
29. The NGS solution must generate STR results approved by the U.S. Federal Bureau of Investigation for upload to the National DNA Index System (NDIS).

Regards,

A handwritten signature in black ink, appearing to read "C. Pustelny", with a long horizontal stroke extending to the right.

**Dr. Christian Pustelny**

Associate Director, Global Product Management – HID

QIAGEN does not have any other authorized re-sellers nor distributors in the US for the Verogen portfolio.

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05-2023 PROM-22134-001 © 2023 QIAGEN, all rights reserved.



January 2, 2024

## QIAGEN Instrument Service Specifications

QIAGEN Instrument Service is a professional service offered by QIAGEN for the maintenance and service of QIAGEN automation. QIAGEN personnel are trained to a highly skilled professional level on its instrumentation hardware and software as outlined by QIAGEN specification.

- QIAGEN Field Service is the only organization certified by QIAGEN to Repair, Qualify, Calibrate, Upgrade, Maintain and Move QIAGEN instrumentation.
- Attempts to perform any Repairs, Calibration, Preventive Maintenances or Moves by organizations or individuals other than QIAGEN Field Service or those directed by QIAGEN Field Service, immediately and irrevocably void any QIAGEN Warranties or QIAGEN Support Agreements.
- QIAGEN manufactures, calibrates, certifies and stocks all parts necessary for the Repair, Calibration and Maintenance of QIAGEN instrumentation. The specifically developed parts and as such are not available from any other source or vendor.
- This standard operating service approach and supportive traceable documentation are guided by ISO 9001 certified quality management systems.
- Limitations as specified in QIAGEN's Instrument Warranty Policy include:

The limited warranty does not extend to any Product or part thereof that:

(a) Has been subjected to misuse, neglect, accident, fire, flood or other abnormal conditions,

(b) Has been produced, modified or repaired by anyone other than QIAGEN,

(c) Has been damaged in the course of being moved by anyone other than QIAGEN,

Or

(d) Has not been used and maintained in accordance with the instructions contained in the Product operator's manual.

*Christian D Wray*

Christian Wray

Associate Director, Dispatch and Service Administration

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QIAGEN - Sample to Insight

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[www.qiagen.com](http://www.qiagen.com)

Making improvements in life possible



January 2024

## Certificate Sole Source Confirmation

QIAGEN hereby declares that

Material	Cat. No.
EZ2 Connect Fx System	9003220
EZ1&2 DNA Investigator Kit (48)	952034
EZ2 Connect Fx SYS-FUL-1	9003221
Investigator STAR Lyse & Prep Kit (400)	931447
QIAcube Connect	9002864
QIAcube Connect SYS-FUL-1	9003077
QIAamp DNA Investigator Kit (50)	56504
QIAsymphony Investigator Kit (192)	931436
Investigator Lyse&Spin Basket Kit (50)	19597
Investigator Lyse&Spin Basket Kit (250)	19598
QIAamp DNA Mini Kit (250)	51306
QIAamp DNA Micro Kit (50)	56304
Buffer AL (264 ml)	19075
Buffer ATL (200 ml)	19076
Buffer G2 (260 ml)	1014636
Buffer MTL (54 ml)	19112
QIAGEN Proteinase K (2 ml)	19131
QIAGEN Proteinase K (10 ml)	19133
Collection Tubes (2 ml)	19201
Tape Pads (5)	19570
Adapter, Flip-Cap 32x1.5ml Tapered-Base	9018927
Flip-Cap Tube Lifter 32x1.5ml Tapered	9018950
QIAcube HT Plasticware	950067

S-Blocks (24)	19585
Sample Prep Cartridges, 8-well (336)	997002
8-Rod Covers (144)	997004
TopElute Fluid (60 ml)	1055628
S-Blocks (24)	19585
Filter-Tips, 1500 µl, Qsym SP (1024)	997024
Filter-Tips, 200 µl, (1024)	990332
Filter-Tips, 1000 µl, wide-bore (1024)	990452
Filter-Tips, 50 µl (960)	990512
Filter-Tips, 200 µL (960)	990522
Tip Disposal Box (10)	990550
Sample Tubes RB (2 ml)	990381
Reagent Bottles, 30 ml (6)	990393
Rotor Adapter Holder	990392
Rotor Adapters (10 x 24)	990394
Shaker Rack Plugs (12)	9017854
Adapter, 96x0.2ml PCR Tubes	9018919
Elution Tubes 1,5 ml (bag of 50)	1050875
Investigator Quantiplex Pro Kit (200)	387216
Investigator Quantiplex Pro Calibr. Kit	387416
Investigator 24plex QS Kit (400)	382417
Investigator 24plex GO! Kit (200)	382426
Investigator Argus Y-28 QS Kit (100)	383625
BT6 Matrix Standard (50)	386224
DNA Size Standard 24plex BTO (800)	386037
Investigator STR GO! Lysis Buffer (200)	386516
Investigator STR GO! Punch Buffer (200)	386526
Investigator STR GO! Punch Buffer (1000)	386528
Control DNA 9948 (5 ng/µl)	386041
TissueLyser II	85300
Grinding Jar Set, Stainless Steel (2 x 10 ml)	69985

are exclusively manufactured and sold by QIAGEN.

Best regards,



Dr. Anke Prochnow  
Associate Director Global Product Management, HID



Daniel Russell  
Oklahoma City Police Department  
Oklahoma City PD  
616 Colcord Drive  
Oklahoma City, Oklahoma  
73102  
Customer Number 315046

01/25/2024  
QIAGEN LLC  
19300 Germantown Road  
Germantown  
MD 20874-1415  
USA  
servicecontracts@qiagen.com

Carla Ivy Alcantara  
  
carlaivy.alcantara@qiagen.com

**Quotation for Service Support Agreements - 240126US01748883CA**

Dear Daniel Russell,

We would like to advise you that the Service Agreement for your instrument(s) is expiring shortly. To ensure the continued performance of your automated application, we suggest to renew this Service Agreement.

Attached to this letter, please find an agreement quotation. For renewal, please return a signed copy of the quotation together with your purchase order number. The Service Agreement will start upon the date indicated in the agreement text.

If you have questions, or if you would like more information, please contact us directly or visit us at [www.qiagen.com](http://www.qiagen.com). We look forward to help you in getting the most from your QIAGEN Instrumentation.

Sincerely,  
Your QIAGEN Team



Agreement Number **240126US01748883CA**

Quote requested by:

Daniel Russell

Oklahoma City Police Department

Oklahoma City PD

616 Colcord Drive

Oklahoma City, Oklahoma

73102

Phone: +14052971156

Fax:

daniel.russell@okc.gov

Customer Number 315046

Quote Line Item Number	Quantity	Catalog #	Product	List Price [USD]	Unit Price [USD]	Total Price [USD]
07758809	1	9242700	QIAcube, Full Agreement	4,302.00	4,302.00	4,302.00
07758810	1	9242700	QIAcube, Full Agreement	4,302.00	4,302.00	4,302.00

Quote Total [USD]: **8,604.00**

**Included Service Agreement Products:**

**Quote Line Item Number 07758809: QIAcube, Full Agreement [Contract duration (in months): 12]**

Cat No.	Payment	List Price [USD]	Unit Price [USD]	Total Price [USD]
9242700	Annual	4,302.00	4,302.00	4,302.00

**Description:**

Repair service delivery: onsite

Service response time (repair): 48 hours/2 business days

Periodic inspection/maintenance: yes, 1/agreement year Inspection/maintenance delivery: onsite

Cost coverage for repair parts: yes, full coverage

Cost coverage for labor: yes, full coverage

Cost coverage for travel: yes, full coverage

Replacement system (Loaner) provision: not applicable

Transportation cost coverage: not applicable

**Validity:** 05/16/2024 - 05/15/2025

**This agreement is valid for the following instrument:**

QIAcube (110V), 51253

**Quote Line Item Number 07758810: QIAcube, Full Agreement [Contract duration (in months): 12]**

Cat No.	Payment	List Price [USD]	Unit Price [USD]	Total Price [USD]
9242700	Annual	4,302.00	4,302.00	4,302.00

**Description:**

Repair service delivery: onsite

Service response time (repair): 48 hours/2 business days

Periodic inspection/maintenance: yes, 1/agreement year Inspection/maintenance delivery: onsite

Cost coverage for repair parts: yes, full coverage

Cost coverage for labor: yes, full coverage

Cost coverage for travel: yes, full coverage

Replacement system (Loaner) provision: not applicable

Transportation cost coverage: not applicable

**Validity:** 05/16/2024 - 05/15/2025

**This agreement is valid for the following instrument:**

QIAcube (110V), 51250



Agreement Number **240126US01748883CA**

Invoice	As listed under "Payment"
Terms	Net 30 Days upon Invoicing
Offer validity	Valid From: 01/26/2024 Valid To: 05/15/2024
Your Contact	Carla Ivy Alcantara Inside Sales Service Specialist carlaivy.alcantara@qiagen.com

We look forward to receiving your order but in the meantime, if you require any further information, please do not hesitate to contact us.

This offer is expressly made conditional on customer's acceptance of QIAGEN's terms and conditions for sale and/or service, as applicable, found at [Terms and Conditions \(qiagen.com\)](https://www.qiagen.com/terms-and-conditions) (the 'QIAGEN Terms'). Customer's submission of a purchase order or similar documentation in response to this quotation is considered acceptance by the customer of the QIAGEN Terms regardless of any additional or different terms or conditions which may be contained within customer's purchase order, form terms and conditions (including on customer's website), or similar documentation ('Customer Terms'), all of which are hereby expressly rejected by QIAGEN unless expressly accepted by QIAGEN in writing. In the event of a conflict between the QIAGEN Terms and any terms expressly set forth on the face of this offer, the terms set forth on the face of this offer shall prevail. In the event that the parties have duly executed a master purchase or service agreement covering the products and/or services set forth in this offer, the terms and conditions of such signed agreement shall prevail over the QIAGEN Terms and Customer Terms.