



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government
Services Canada/Réception des soumissions Travaux
publics et Services gouvernementaux Canada
Room 100,
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6
Bid Fax: (204) 983-0338

Revision to a Request for a Standing Offer

Révision à une demande d'offre à commandes

Regional Master Standing Offer (RMSO)

Offre à commandes maître régionale (OCMR)

The referenced document is hereby revised; unless
otherwise indicated, all other terms and conditions of the
Offer remain the same.

Ce document est par la présente révisé; sauf indication
contraire, les modalités de l'offre demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Public Works and Government Services Canada -
Western Region
Room 100
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6

| | | |
|--|--|---|
| Title - Sujet Laboratory Supplies | | |
| Solicitation No. - N° de l'invitation ET959-172125/A | | Date 2017-01-05 |
| Client Reference No. - N° de référence du client INAC-ET959-172125 | | Amendment No. - N° modif. 003 |
| File No. - N° de dossier WPG-6-39200 (016) | CCC No./N° CCC - FMS No./N° VME | |
| GETS Reference No. - N° de référence de SEAG PW-\$WPG-016-10086 | | |
| Date of Original Request for Standing Offer Date de la demande de l'offre à commandes originale | | 2016-12-14 |
| Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-01-26 | | Time Zone Fuseau horaire Central Standard Time CST |
| Address Enquiries to: - Adresser toutes questions à: Hall, Marlene | | Buyer Id - Id de l'acheteur wpg016 |
| Telephone No. - N° de téléphone (204) 230-0147 () | | FAX No. - N° de FAX (204) 983-7796 |
| Delivery Required - Livraison exigée | | |
| Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: | | |
| Security - Sécurité This revision does not change the security requirements of the Offer. Cette révision ne change pas les besoins en matière de sécurité de la présente offre. | | |

Instructions: See Herein

Instructions: Voir aux présentes

| | | |
|--|--|---|
| Acknowledgement copy required Accusé de réception requis | Yes - Oui <input type="checkbox"/> | No - Non <input type="checkbox"/> |
| The Offeror hereby acknowledges this revision to its Offer. Le proposant constate, par la présente, cette révision à son offre. | | |
| Signature | Date | |
| Name and title of person authorized to sign on behalf of offeror. (type or print) Nom et titre de la personne autorisée à signer au nom du proposant. (taper ou écrire en caractères d'imprimerie) | | |
| For the Minister - Pour le Ministre | | |

This **amendment # 003** is raised to provide Canada's response to Supplier's questions regarding **Solicitation #ET959-172125/A** as follows:

- Q1: Item #5. What mil do you require?
A1: Thickness 5 mil
- Q2: Item #16. Analog or digital? Will 2C to 120C also work? What tube sizes do you require for the blocks?
A2: Digital. Temperature range 2C to 120C is acceptable. Tube sizes not know at this time.
- Q3: Item #20. Do you mean readability of 0.0001g?
A3: Yes, 0.0001g
- Q4: Item #21. Can you restate dimensions of balance?
A4: Dimensions revised to 482mm x 322mm x263mm (±100mm)
- Q5: Item #22. What type of weighing applications are you hoping for?
A5: Not known at this time
- Q6: Item #24. How many tubes per spin?
A6: Minimum rotor capacity: 10 x 1.5 ml and/or 2.0 ml tubes
- Q7: Item #33. What are the tube sizes? How many tubes per spin? Do you require a biocontainment lid?
A7: Minimum 10 x 1.5 ml and/or 2.0 ml tubes. With biocontainment lid.
- Q8: Item #40. Electronic or manual?
A8: Either electronic or manual
- Q9: Item #52. For universal pipets or Rainin LTS?
A9: Universal pipets

ANNEX A, Appendix 1, Stream I – Laboratory Supplies and Consumables

Delete: In its entirety

Insert: Replace with the following (Amendment 003).

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME

An offer must comply with the requirements of the Request for Standing Offer and meet all mandatory requirements.

FINANCIAL EVALUATION

- 1 The items and quantities specified in **Appendix 1, Stream I - Laboratory Supplies and Consumables**, herein, are provided for evaluation purposes. **Appendix 1** is a sample representation of some of the items that may be called-up against this standing offer and are not to be construed as a commitment on the part of Canada.
- 2 While it is expected that Offerors will fully complete **Appendix 1**, Offerors must be able to supply and must provide pricing on a **minimum of 80% or 48 of 60 items listed herein**. Offerors not meeting this mandatory requirement will be considered non-responsive and will not be considered further.
- 3 The **unit prices** that are indicated in **Appendix 1**, herein, must be prices from current price lists with no discount applied or the laid-down cost **with no mark-up applied**. Offerors must quote prices in accordance with the current published price list **in effect on the date of tender closing**. Failure to quote in accordance with these instructions will disqualify an offer from consideration.
- 4 Offers must provide offers as per unit of issue requested. Failure to do so will render the offer non-responsive without further consideration.
- 5 GST is not included and is to be shown as a separate item on any resulting invoice.
- 6 The evaluation total will be calculated by summing the extended price values in Appendix 1, then apply the discount or mark-up quoted. Only items that have been priced by ALL responsive offers will be included in the calculation of the evaluation total.
- 7 The responsive offer with the highest combined rating of technical merit and price for Stream I will be recommended for issuance of a standing offer.
- 8 Offerors are to provide **supporting technical documentation for each specification and cross-reference** where the supporting documentation is found within the proposal to demonstrate compliance. Supporting technical documentation such as specification sheets, technical brochures, and photographs or illustrations should provide adequate detail to substantiate that the goods offered meet the performance requirements. If the complete specification and/or literature is not submitted as requested, the Standing Offer Authority will so inform the Offeror and provide the Offeror with a time frame within which to meet the requirement. Failure to comply with the request of the Standing Offer Authority and meet the requirement within that time period will render the bid non-responsive.
- 9 When evaluating the offers, **Canada may request price support**. Examples of price support include a copy of the current published price list where a discount percent is offered, and copies of recently paid manufacturer/distributor invoices including any volume rebates or discount where laid down cost plus mark-up percentage is offered.

| Item | Description | Qty | Unit of Issue | Unit Price (published price / laid down cost) | Extended Price | Cross-reference where supporting document is located in proposal |
|------|---|-----|---------------|---|----------------|--|
| 1 | Incu-Shaker Brand: Benchmark or equivalent Capacity: 10L Min speed (rpm): 30 Max speed (rpm): 300 Orbit size: 20 rpm Timer range (min): 1 to 2880 Overall dimensions ± 5": 20"W x 19"H x 26"D Temp accuracy: ±0.1°C Max temperature: 60°C Temp uniformity: ±0.25% Power(VAC): 230 Power (Hz): 50/61 Display: Digital Manufacturer number: H1010-E-CP Item # RK-51705-12 CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$ _____ | \$ _____ | |

| | | | | | | |
|---|---|----|------|----------|----------|--|
| 2 | Stero Microscope Brand: Swift Optical or equivalent Magnification: 10x to 30x zoom Maximum magnification: 30x Head configuration: Binocular Field of View: 20 to 6.5 mm Working distance: 77 mm Illuminator(s): Top, bottom, and turret LEDs Power (VAC): 115. CSA approved or equivalent (i.e. cUL Compliance) | 6 | each | \$ _____ | \$ _____ | |
| 3 | Microscope slides or equivalent Ground edges on all four sides. Frosted. 75 x 25 mm, 1 mm thick Qty/pk: 144/box | 30 | box | \$ _____ | \$ _____ | |
| 4 | Nitrile Gloves Brand: Ansell TNTor equivalent Matial: nitrile Size: Medium Length: 9.5 in (24 cm) Thickness 5 mil Qty/pk: 100/box | 50 | box | \$ _____ | \$ _____ | |
| 5 | Nitrile Examination Glove or equivalent Size: Small Ambidextruous Premium Nitrile, 100% latex-free Non-Sterile Soft and comfortable Beaded cuff Thickness 5 mil Qty/pk: 100/box | 50 | box | \$ _____ | \$ _____ | |
| 6 | Transpette 8-Channel Transfer Pipettors Brand: Scienceware or equivalent Max volume (µL): 600 per channel Graduations: Not Graduated No. of channels: 8 Sterile: No Material: LDPE Qty/pk: 25 | 30 | pkg | \$ _____ | \$ _____ | |
| 7 | Disposable Glass Pasteur Pipets, 5 3/4 " or equivalent Flint glass construction. Clinical and industrial use. Pipet body outer diameter: 7mm. Capillary stem outer diameter: approximately 1.5mm. Delivers 22 to 28 drops per ml. Qty/pk: 200 | 30 | pkg | \$ _____ | \$ _____ | |

| | | | | | | |
|----|--|-----|-----|----------|----------|--|
| 8 | Presterilized Pipet tips or equivalent Max volume (mL): 0.2 Max volum (µL): 200 Volume range: 0-200 µL Dimensions: 2"L Color: Natural Autoclavable Qty/pk: 1000 | 100 | pkg | \$ _____ | \$ _____ | |
| 9 | 1.5 ml Microcentrifuge Tubes Brand: Eppendorf or equivalent Color: natural Dimensions 11mm OD, 40mm L 1.5 mL capacity Round-bottom Autoclavable Max RCF: 25,000 x g Polypropylene Qty/pk: 500 | 10 | pkg | \$ _____ | \$ _____ | |
| 10 | Glassware Assortment Kit Brand: Erlenmeyer or equivalent Non-disposable. Pyrex Borosilicate glass. Narrow mouth. Non-sterile. Large enamel marking writing surface. Heavy-duty rim Qty/pk: Set must contain one of each size: 50ml, 125ml, 250ml, 500ml, 1000ml. | 100 | set | \$ _____ | \$ _____ | |
| 11 | Glassware Assortment kit beakers Brand: Kimble "KIMAX" Griffin or equivalent Non-disposable. Pyrex Borosilicate glass. ASTM E960 certified. Graduated. Dual scale with metric. Griffin style Qty/pk: Set must contain one of each size: 50ml, 100ml, 200ml, 400ml, 600ml. | 50 | set | \$ _____ | \$ _____ | |

| | | | | | | |
|----|---|----|------|----------|----------|--|
| 12 | Surgey Instrument Sets (OT Grade) Brand: Haes Brothers Post-Mortem kit or equivalent Stainless steel. Passivated rusting prevention. Ultrasonic cleaned and polished. Boil, Performance and Shape tested. Set must include: chopper, forceps, autopsy knife, skinning knife, boning knife, bone saw, spine wrench, brain knife, cartilage knife, bone chisel, post-mortem hammer, scalpels, bone scissors, bowel scissors, nursing scissors, straight scissors, tape measure. Qty/pk: Must come in a box/container. | 10 | box | \$ _____ | \$ _____ | |
| 13 | Stainless Steel Tray for instrument sterilization Brand: Sklar Surgical Instruments or equivalent Stainless steel. Reusable. Non-sterile. Latex-free. | 10 | each | \$ _____ | \$ _____ | |
| 14 | Disposable Petri Dishes, 35mm Brand: Corning or equivalent Sterile 35mm x 10mm. Fabricated with crystal-grade polystyrene. Flat-bottom surface for distortion-free optics. Qty/pk: 20 sleeve, 500 sleeves/case | 25 | case | \$ _____ | \$ _____ | |
| 15 | Digital Utility Water Bath Brand: StableTemp or equivalent Capacity: 5 liters Max temperature: 100°C Dimensions (± 5"): 12"W x 12"H x 14.5"L Min temperature: Ambient +5°C Temperature control: PID Temperature display: LED, switchable between C and F Temperature sensor: 100 ohm PT RTD Temperature stability: ±0.1°C Uniformity: ±0.2°C High-temperature cutoff Working area (± 1"): 10.8"W x 5"L x 5.5"D Stainless Steel Heater wattage: 360 Power (VAC): 240 Power (Hz): 50 CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$ _____ | \$ _____ | |

| | | | | | | |
|----|--|---|------|----------|----------|--|
| 16 | Water bath, 12L, digital Brand: Grant Instruments or equivalent Temperture range: minimum 2°C, maximum 120°C. Temperature stability of ±0.5°C. Working area of 281 x 306 mm. 120 or 230 supply voltage. Drain tap included. Non-drip clear lid. Base tray included. CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$ _____ | \$ _____ | |
| 17 | Dry bath, two block capacity Brand: GeneMate or equivalent 8.7 x 10.3 x 3.2 inches Temperature range of 5 to 150°C. Temperature accuracy of ±0.2°C. Temperature increments of 0.1°C. High grade aluminum blocks. CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$ _____ | \$ _____ | |
| 18 | Benchtop Shaking Incubator with platform Brand: Corning or equivalent Temperature Range: Ambient +5°C to 70°C. Shaker Speed: 20 to 300 rpm. Shaker Timer: 1 minute to 99 hours or continuous Shaker Orbit: 19mm temperature Increments: 0.1°C Temperature Accuracy: ±0.5°C. Temperature Uniformity: ±0.5°C. Speed Increments: 1 rpm. Platform Dimensions: 30 x 30 cm. Dimensions: 37W x 53D x 40H cm. Weight: 19.5kg Windows compatible software. Power: 230v, 50/60Hz. Speed: 20-300 rpm. CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$ _____ | \$ _____ | |

| | | | | | | |
|----|--|----|------|----------|----------|--|
| 19 | Masterflex L/S Digital Drive Pump or equivalent Max flow rate (mL/min): 3400. Min flow rate (mL/min): 0.006 Control type: Digital Variable Speed. Power: 115 VAC or 230 VAC Motor: 1/10 hp, 75 watts. Reversible motor. 0.1 to 600 rpm. IP rating (Drive): IP33 Digital dimensions: 10" x 8.5" x 8.5" Speed control: $\pm 0.1\%$. No. of Pump heads accepted: 2. Type of Pump heads accepted: Standard, easy-load, easy-load II, easy-load 3, quick load, high performance, cartridge, multichannel, PTFE tubing, PTFE diaphragm. CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$ _____ | \$ _____ | |
| 20 | Analytical Balance Mettler Toledo or equivalent Calibration: internal Capacity: 220 g / 0.484 lbs. Dimensions: 9.204"W x 12.558"H x 12.558"D. Display Readability: 0.0001 g. Linearity: 0.0001 g RS-232 interface Output: RS232 CSA approved or equivalent (i.e. cUL Compliance) | 10 | each | \$ _____ | \$ _____ | |
| 21 | Analytical Balance, dual range or equivalent Dual capacity: 81g/220g $\pm 5/10$ g Readability: 0.01mg / 0.1mg Nominal repeatability: 0.03mg Linear deviation: 0.15mg Fastening point for anti-theft device Stabilization time: 2 seconds or less. Dimensions: 482mm x 263mm x 263mm (± 100 mm). Built-in RS232 interface and port. Touch screen. Status and application indicators. Electrical requirement: 120V/60Hz. CSA approved or equivalent (i.e. cUL compliant). | 10 | each | \$ _____ | \$ _____ | |

| | | | | | | |
|----|---|----|------|----------|----------|--|
| 22 | Industrial Grade Balance, washable Brand: Ohaus or equivalent Capacity: 30kg. Readability 2g. Pan size: 30.5 x 30.5 x 6.95 cm. Stainless steel IP67 load cell. 8 function, 11 numeric with dedicated Tare and Target entry keyboard. Stablization times ≤ 2 seconds. Operating temeprature range: -10 to 40°C. 150% safe overload capacity. 100-240 VAC universal power supply. CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$ _____ | \$ _____ | |
| 23 | Vibration dampening mount or equivalent Dimensions: 475mm (±25mm) W x 500 mm (±50mm) D. Thickness 65mm (±15mm) Load capacity: up to 16kg (±11kg) CSA approved or equivalent (i.e. cUL Compliance) | 10 | each | \$ _____ | \$ _____ | |
| 24 | Centrifuge or equivalent Dimensions: 250mm (±25mm) W x 350 mm (±50mm) D x 250mm (±25mm w/lid closed) H. Hinged lid with safety lock. Maximum RCF: 21,000g ±750g with typical 1.5 ml/2.0 ml rotor. Maximum speed: 14,500 rpm ±500rpm with typical 1.5 ml/2.0 ml rotor. Typical rotor w/biocontainment lid. Minimum rotor capacity: 10 x 1.5 ml and/or 2.0 ml tubes Programmable time range: 1 min to 99 min by 1 min incements & "hold" mode. LED display: speed, time. Electrical requiement: 120V/60Hz. CSA approved or equivalent (i.e. cUL Compliance) | 10 | each | \$ _____ | \$ _____ | |
| 25 | Safety bottle, 250ml, GL45cap Brand: Corning or equivalent Storage style bottle, wide mouth neck. Must include linerless, one-piece autoclavable plug-seal GL45 threaded cap. 138m high, 70mm outer diameter. Drip-free pouring ring. Permanent graduated lines and marking spots. Vented membrane cap with 0.22µm PTFE dydrophobic membrane. Made of Borosilicate glass (code 7740). | 50 | each | \$ _____ | \$ _____ | |

| | | | | | | |
|----|--|----|------|----------|----------|--|
| 26 | Weighting boats, 7ml or equivalent Dimensions: 46 x 46 x 8 mm. Made of polystyrene. Temperature resistant to 70°C. Rounded corners. Biologically inert. Resistant to dilute and weak acids, aqueous solutions, alcohols, and bleaches | 20 | each | \$ _____ | \$ _____ | |
| 27 | Histology Cassettes or equivalent Made of acetal polymer Resistant to histological solvents. Includes a one-piece lid that snaps off and locks into the cassette base for specimen safety. Qty/pk: 500 | 20 | pkg | \$ _____ | \$ _____ | |
| 28 | Histology Slides or equivalent 25mm x 75mm x 1mm thick. Sealed in a moisture absorbing desiccant pack. Made of white glass with low iron content and not green tint. Corrosion-resistant. Smooth edges to avoid cutting surfaces. Conform to US Federal Specification NNN-S0450. Qty/pk: 72 | 50 | pkg | \$ _____ | \$ _____ | |
| 29 | Shaker, vortex type Brand: IKA or equivalent 115V input. 4mm orbital diameter. 127 x 149 x 136 mm 250-2500 rpm speed Silicon base with ultra high vibration damping for stability at high speeds. CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$ _____ | \$ _____ | |
| 30 | Magnetic Heating Stir Plate Brand: Argos Technologies or equivalent 15 rpm preset, 1500 rpm limit speed. Speed adjustable by increments of 15 rpm. Platform dimensions: 110 x 100 mm. 0.3kg weight. Maximum load of 2kg. Can mix solutions up to 500 mL. Waterproof and chemical-resistant top plate. CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$ _____ | \$ _____ | |

| | | | | | | |
|----|--|----|------|----------|----------|--|
| 31 | Electrophoresis kit, horizontal or equivalent Durable rubber casting gates. UV transparent tray. Accepts 10 x 10 cm trays. Corrosion-resistant platinum electrodes. Two-piece comb design. Qty/pk: kit | 25 | kit | \$ _____ | \$ _____ | |
| 32 | PH Meter, with refillable electrode, arm stand & buffer Brand: Oakton or equivalent Memory capacity of up to 100 datasets. Automatic buffer recognition for USA and NIST pH buffers. Selectable °F or °C measurements. Accepts any pH or ORP electrodes with a BNC connector. pH range from -2 to 16, accuracy of ±0.01. Temperature range from 0 to 100°C, accuracy of ±0.5°C. Buffer standardized against NIST-traceable pH references within 0.01 pH at 25°C. | 25 | each | \$ _____ | \$ _____ | |
| 33 | Centrifuge, Refrigerated Brand: Cole-Parmer or equivalent Stainless steel chamber Max rpm: 15,000 Max RCF: 22,000 x g Max capacity: 1L DimensionsL 17 ¾" x 12 ⅝" x 25" (45 x 31.5 x 63.5 cm) Temperature range: 15.8 to 104°F (-9 to 40°C) Timer: 0 to 99 minutes, 1 second increments. Minimum rotor capacity: 10 x 1.5 ml and/or 2.0 ml tubes. With biocontainment lid. Power: 110V, 60 Hz. CSA approved or equivalent (i.e. cUL Compliance) | 10 | each | \$ _____ | \$ _____ | |
| 34 | Mercury Analyzer Brand: Buck Scientific or equivalent Cold Vapor/Hydride method for mercury detection in water. Sensitivity: Detection Limit: 10 ppt Output: RS-232, analog, and parallel printer port. Pathlength: 400 mm, silica windows. Min sample size: 100 mL Dimensions (±5"): 37" W x 12" D x 12"H (94 x 28 x 28 cm) CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$ _____ | \$ _____ | |

| | | | | | | |
|----|--|----|------|---------|---------|--|
| 35 | Laboratory Freezer, Upright or equivalent 22 cu ft Digital control, 0 to -40°C Alarm system Hermetic compressors with CRC and JCFC-Free refrigerants. Zinc coated galvanized steel chamber. Galvanized steel exterior. CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$_____ | \$_____ | |
| 36 | StableTemp refrigerator, 25cu ft or equivalent Digital Dimensions: Interior: 24" W x 61 ¾" H x 28 ½" D (±5") Overall: 27" W x 78"H x 32" D (±5") Temperator Range: 1°C (34°F) to 12°C (53°F) (±3°C) Shelves: min 3, max 5 Power: 115V, 60Hz CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$_____ | \$_____ | |
| 37 | Benchtop Freeze Dry System Brand: FreeZone or equivalent 6 Liter Power: 220.240V, 50Hz CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$_____ | \$_____ | |
| 38 | Self-contained Ice Cube Maker or equivalent Dimensions overall: 24"W x 39"H x 24"D (±5") Ice/24 hrs: up to 250 lbs Power: 115 VAC, 60 Hz CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$_____ | \$_____ | |
| 39 | Conical-Gottom Tubes Brand: Corning or equivalent Sterile Plug seal cap Dimensions: 28.2mm OD, 115mm L 50 mL capacity Conical end type Black printed graduations Max RCF 15500 x g Qty/pk: 20 racks of 25, 500/case | 20 | case | \$_____ | \$_____ | |
| 40 | Repeating Pipettor Brand: Scienceware or equivalent Volume: 1µL to 5000µL Accuracy: ±0.3% - ±6% Tip ejector Adaptor for 25mL and 50mL tips Electronic or Manual | 50 | each | \$_____ | \$_____ | |

| | | | | | | |
|----|--|----|------|----------|----------|--|
| 41 | Ethanol Wash Bottles, 500mL or equivalent Made of Polyethylene Wide mouth 500 mL capacity Include Department of Transportation (DOT) and National Fire Protection Association (NFPA) codes OSHA 29 CFR 1910.1200 Certification | 25 | each | \$ _____ | \$ _____ | |
| 42 | Shaker, Rocking platform Brand: Vari-Mix or equivalent 1 to 48° rocking angle (± 5°) 6.8kg capacity (± 2 kg) 5 to 30 rpm variable speed 120V electrical requirement 12W CSA approved or equivalent (i.e. cUL Compliance) | 10 | each | \$ _____ | \$ _____ | |
| 43 | Shaker, Orbital Brand: MAXQ 2000 or equivalent 1.9 cm orbit (± .4 cm) 15.9kg capacity (± 2 kg) 15 to 500 rpm speed range 120V electrical requirement triple eccentric drive motor CSA approved or equivalent (i.e. cUL Compliance) | 10 | each | \$ _____ | \$ _____ | |
| 44 | Shaker, Rotating or equivalent 5 to 30 rpm speed range 1.5mL to 50mL tube size Can shake up to 22 tubes at once 360° angle of rotation 120V electrical requirement CSA approved or equivalent (i.e. cUL Compliance) | 5 | each | \$ _____ | \$ _____ | |
| 45 | Bunsen Burner Brand: Accuflame or equivalent 2000 to 3200 BTU/Hour output 7/16 inch inlet tube LP gas Venturi tube for thorough mixing of gas and air | 5 | each | \$ _____ | \$ _____ | |
| 46 | Butane Fuel Canisters Brand: North American Gear LLC or equivalent 220g each butane/propane mix | 20 | each | \$ _____ | \$ _____ | |

| | | | | | | |
|----|--|-----|------|----------|----------|--|
| 47 | Stackable Dry Incubator Brand: Heratherm or equivalent Temperature range 17 to 40°C (± 5 °C) Temperature stability ±0.2°C at 37°C Chamber volume of 18L Internal lighting Stackable 2kg maximum shelving load CSA approved or equivalent (i.e. cUL Compliance) | 10 | each | \$ _____ | \$ _____ | |
| 48 | Domestic grade Refrigerator U Line ADA Series or equivalent 5.3 cubic ft capacity 4 wire shelves Convection cooling system Reversible door swing Energy Star rated | 5 | each | \$ _____ | \$ _____ | |
| 49 | Stainless Steel Table Brand: BK Resources or equivalent 18 Gauge galvanized steel Minimum 5 inch backsplash Lower shelf Dimensions: 24"W x 24"D x 35"H (±5") | 5 | each | \$ _____ | \$ _____ | |
| 50 | Portable Cylinder Lifter Brand: Vestil or equivalent Maximum capacity of 300 lbs Maximum cylinder diameter of 11.5" Hand rubber tires Adjustable strap to secure cylinder Hand winch operation | 2 | each | \$ _____ | \$ _____ | |
| 51 | Pipettor sets - Fixed Volume Pipettor, 10 µL Brand: transferpette S or equivalent Built-in brake to set selected volume Four-digit volume display 12.5mm pipetting stroke Corrosion-resistant tip ejector Fully autoclavable CSA approved or equivalent (i.e. cUL Compliance) Qty: Starter set includes: 3 pipettors, 3 shelf/rack mounts, and 3 boxes of appropriately sized tips | 100 | set | \$ _____ | \$ _____ | |
| 52 | Pipet Tips 200 µL Brand: Biotix Inc Neptune for Universal pipets Made of virgin polypropylene Free of RNase, DNase, pyrogens and PCR inhibitors Non sterile Autoclavable Qty: 1000 tips/box | 100 | box | \$ _____ | \$ _____ | |

| | | | | | | |
|----|---|-----|------|----------|----------|--|
| 53 | 1.8mL Screw Cap Cryovials, skirted and self-standing Brand: Nalge Nunc International Internally threaded Made of polypropylene appropriate for use in freezers at temperatures from -196°C to 121°C Silicone gasket within cap for best possible seal 12.5mm diameter Self-standing vials Qty: 450/box | 100 | box | \$ _____ | \$ _____ | |
| 54 | 5mL Round bottom Snap Cap Tubes or equivalent Graduated Attached snap-cap Fits into rotors that accept 15mL tubes Made of polypropylene Autoclavable Free of RNase, DNase, ATP and endotoxins Qty/pk: 250/box | 50 | box | \$ _____ | \$ _____ | |
| 55 | Disposable Syringe with Luer Lock 3mL Brand: BD Safety-Lok or equivalent 3mL Qty/pk: 100/box | 100 | box | \$ _____ | \$ _____ | |
| 56 | Embedding Molds, double indexed Brand: Sigma or equivalent Cavities for the preparation of microscopy samples Different moulds: one that contains additives for chemical and thermal resistance, and one that is clear for optical clarity Made of silicone Qty/pk: 24/box | 50 | box | \$ _____ | \$ _____ | |
| 57 | NIOSH N95 Safety Mask Brand: 3M Canada or equivalent Provide protection against solid and liquid aerosols that do not contain oil Minimum filtration efficiency of 95% Adjustable noseclip Qty/pk: 20/case | 100 | case | \$ _____ | \$ _____ | |
| 58 | Plasticware sets, polypropylene, beakers or equivalent 1000mL Made of polypropylene Easy-reading black graduations Oval marking space autoclavable Qty/pk: 3/pkg | 100 | pkg | \$ _____ | \$ _____ | |

| | | | | | | |
|----|---|-----|------|----------|----------|--|
| 59 | Autoclavable bags 0 small - 3L Brand: Gosselin North America or equivalent 40 µm thick Bags with biohazard symbol made of Polypropylene and have a thermal resistance of 121°C Bags with no logo made of HDPE and have a thermal resistance of 134°C Qty/pk: 500/case | 50 | case | \$ _____ | \$ _____ | |
| 60 | Centrifuge Tubes Brand: Argos Technologies or equivalent disposable polypropylene 50mL tubes and caps with recessed lid and sealing ring Sterile Autoclavable to 121°C Stored in freezers to -80°C Gamma irradiated, RNase & DNase free, DNA free, non-pyrogenic Qty/pk: 500/case | 100 | case | \$ _____ | \$ _____ | |

Sum of extended Totals, Stream I - Laboratory Supplies & Consumables \$ _____