



REQUEST FOR QUOTATION FORM FOR GOODS AND SERVICES

AGRICULTURAL RESEARCH COUNCIL(ARC)

1. You are kindly requested to submit a written quotation to Agricultural Research Council as per below or attached specification.

Description	Quantity	UOM
<ul style="list-style-type: none"> • Y711142: Versatrek myco bottles x01 • Y7113142: Para-jem broth 50/bx x01 	01 EACH	REQ-060918
<ul style="list-style-type: none"> • Go Taq Master Mix <p>No. of Reactions 1000</p> <p>Quantity 1000 Reactions</p> <p>Includes 1 x 25mL GoTaq™ green master mix, 2X, 1 x 25mL Nuclease free Water</p> <p>For Use With (Application)</p> <p>PCR product analysis</p> <p>Storage Requirements</p> <p>-30 to -10°C</p> <p>Concentration</p> <p>2X</p>	01 EACH	REQ-054020
<ul style="list-style-type: none"> • DNeasy Blood & Tissue kits <p>Applications PCR, real-time PCR, genotyping Elution volume 100–200 µl Time per run or per prep 20 minutes – 1 hour Main sample type Blood, tissue Format 96-well plate, spin column Sample amount 100 µl/25 mg Processing Manual Yield 6 µg/30 µg Technology Silica technology</p> <p>Purification of total RNA, miRNA, poly A+ mRNA, DNA or protein DNA</p>	01 EACH	REQ-054026
<ul style="list-style-type: none"> • Antibiotics 	06 EACH	REQ-054028

Penicillin-Streptomycin-Amphotericin B Mixture 100ml		
<ul style="list-style-type: none"> Taq PCR Master mix Kit <p>Taq PCR Master Mix Kit (1000 U)</p> <p>12 x 1.7 ml Taq PCR Master Mix containing 1000 units Taq DNA Polymerase, 12 x 1.7 ml Distilled water</p>	01 EACH	REQ-054031
<ul style="list-style-type: none"> RPMI1640 <p>RPMI 1640 Medium is unique from other media because it contains the reducing agent glutathione and high concentrations of vitamins. RPMI 1640 Medium contains biotin, vitamin B12, and PABA, which are not found in Eagle's Minimal Essential Medium or Dulbecco's Modified Eagle Medium.</p>	07 EACH	REQ-054032
<ul style="list-style-type: none"> Type-II HRM PCR Kit <p>RPMI 1640 Medium is unique from other media because it contains the reducing agent glutathione and high concentrations of vitamins. RPMI 1640 Medium contains biotin, vitamin B12, and PABA, which are not found in Eagle's Minimal Essential Medium or Dulbecco's Modified Eagle Medium.</p>		REQ-054034
<ul style="list-style-type: none"> PCR plate sealing film,aluminum,35um 100/pkt <p>PCR plate sealing film,aluminum,35um 100/pkt pierceable ,non sterile</p>	04 EACH	REQ-056245
<ul style="list-style-type: none"> Taq DNA Polymerase, 1000u <p>1000u, Concentration: 5 units/μl</p> <p>Recombinant enzyme: Yes</p> <p>Substrate analogs: dNTP, ddNTP, dUTP, biotin-11-dUTP, DIG-11-dUTP, fluorescent-dNTP/ddNTP</p> <p>Extension rate: 2–4 kb/min at 72°C</p> <p>Half-life: 10 min at 97°C; 60 min at 94°C</p> <p>Amplification efficiency: ≥105 fold</p> <p>5'→3' exonuclease activity: Yes</p> <p>Extra A addition: Yes</p> <p>3'→5' exonuclease activity: No</p> <p>Contaminating nucleases: No</p> <p>Contaminating RNases: No</p> <p>Contaminating proteases: No</p> <p>Self-priming activity: No</p>	01 EACH	REQ-054035
<ul style="list-style-type: none"> Quick-DNA Tissue/Insect Miniprep Kit, 50 reactions 	01 EACH	REQ-054038

<p>Format – Bead Beating, Spin Column.</p> <ul style="list-style-type: none"> • Sample Sources – Samples ($n \geq 1$ and ≤ 50 mg) of fresh, frozen, or stored insects including: mosquitoes, bees, lice, ticks, <i>D. melanogaster</i>, etc. Also, compatible with fresh or frozen mammalian tissues as well as cultured cells, and whole blood. • DNA Yield – Expected yields can range from 1 - 5 μg DNA per mg specimen sampled. For mammalian tissues, yields are 1 - 3 μg DNA per mg of skeletal, heart and brain tissues and 3 - 5 μg DNA per mg of liver, kidney, and lung tissues. Whole blood will yield from 3 - 7 μg DNA per 100 μl. • DNA Purity – High quality DNA is eluted with DNA Elution Buffer that is well suited for PCR amplification, endonuclease digestion, etc. $A_{260}/A_{280} > 1.8$ • DNA Size Limits – Capable of recovering genomic DNA up to and above 40 kb. In most instances, mitochondrial DNA and viral DNA (if present) will also be recovered. • DNA Recovery – Typically, up to 25 μg total DNA is eluted into 100 μl (35 μl minimum) DNA Elution 		
<ul style="list-style-type: none"> • Nucleic Acid Gel Electrophoresis <p>Stain for visualization of DNA (nucleic acid) in agarose gels</p> <p>SYBR® Safe stain: less hazardous alternative to ethidium bromide (highly carcinogenic) that can utilize either blue light or UV excitation.</p> <p>Detection Location: In-Gel Detection</p> <p>Target Molecule: DNA</p> <p>Detection Method: Fluorescent</p> <p>Product Type Specs: DNA (nucleic acid) Gel Stain</p> <p>Label or Dye: SYBR™</p>	01 EACH	REQ- 054040
<ul style="list-style-type: none"> • Tough-tags Microcentrifuge tube labels X01 <p>Autoclavable/freezable, Chemically resistant.</p> <p>Size: 0.94 in. x 0.5 in. wide,</p> <p>Fits 0.5 - 0.65 ml tubes</p> <p>Cat #: Z359106-1PAK</p> <p>(Diversified Biotech</p> <ul style="list-style-type: none"> • Tough-tags Microcentrifuge tube labels X01 <p>Autoclavable/freezable, Chemically resistant.</p>	01 EACH	REQ- 054045

<p>Size: 1.28 in. x 0.5 in wide</p> <p>Fits 1.5 - 2 ml tubes</p> <p>Cat #: Z359122-1PAK</p> <p>(Diversified Biotech)</p>		
<ul style="list-style-type: none"> • 175cm2 tissue culture treated flasks - vent cap X05 <p>175cm2 cell culture flask,vented cap,sterile.treated</p> <ul style="list-style-type: none"> • 75cm2 tissue culture treated flasks - vent cap X02 		REQ-054072
<ul style="list-style-type: none"> • DMEM/F-12 with GlutaMAX™ supplement <p>DMEM/F-12 (Dulbecco's Modified Eagle Medium/Nutrient Mixture F-12). Concentration: 1X. Sterility: Sterile-filtered.</p> <p>Serum Supplementation: Standard Serum supplementation. Shipping Condition: Room Temperature. Volume: 500 ml. Form: Liquid.</p> <p>High Glucose, Sodium Pyruvate. With: GlutaMAX-I and Phenol Red. Without: HEPES.</p> <p>DMEM/F-12 with GlutaMAX™ supplement minimizes toxic ammonia build-up and improves cell viability and growth.</p> <p>DMEM/F-12 contains no proteins, lipids, or growth factors, uses sodium bicarbonate buffer system and therefore requires a 5–10% CO2 environment to maintain physiological pH.</p>	40 EACH	REQ-054074
<ul style="list-style-type: none"> • EvaGreen 2X real-time PCR mastermix 	01 EACH	REQ-054176
<ul style="list-style-type: none"> • Viral DNA/RNA Extraction Kit <p>50 Preps</p> <p>Specifications:</p> <ul style="list-style-type: none"> •Column Type: Spin Column •Format: Kit •Isolation Technology: Silica Spin Column •Sample Type: Cell-Free Fluids, Cerebrospinal Fluid, Liquid Samples (e.g. Serum), Plasma, Serum, Viral Samples •For Use With: Real-Time Quantitative PCR (qPCR), Reverse Transcriptase PCR (RT-PCR) •No. of Reactions: 50 Preps •Product Type: Purify Viral RNA and DNA Mini Kit 	01 EACH	REQ-062055

<ul style="list-style-type: none"> •Target: Viral DNA and RNA <p>Wanted: [Invitrogen has the PureLink Viral DNA/RNA Extraction kit – Cat. No: 12280050]</p>		
<ul style="list-style-type: none"> • Hot Start Taq DNA Polymerase <p>500 Units (5U/ul)</p> <ul style="list-style-type: none"> •Low Copy PCR. •Multiplex PCR. •Amplification of GC-rich DNA. •Taq bound with monoclonal antibody blocking enzyme activity. •Reactions set up at room temperature. •Buffer optimized for fast cycling and reproducibility. •500 Units (5U/ul) <p>Wanted: [Accuris Hot Start Taq DNA Polymerase 500u (5u/μl) – Cat. No: PR1000-HS-500]</p>	01 EACH	REQ- 062057
SEND SEPARATE QUOTE PER REQUISITION NUMBER AND ALSO REFERENCE QUOTE WITH REQUISITION NUMBER		
CLOSING DATE 07 NOVEMBER 2022 @ 16:00		
KINDLY ENSURE THAT YOUR COMPANY IS REGISTERED ON CENTRALISED SUPPLIER DATABASE IF NOT ,KINDLY REGISTER ON THIS WEBSITE www.csd.gov.za		

- The above specified goods/services should be delivered/rendered to:

Name of Institute : ARC-OVI
Address : 100 OLD SOUTPAN ROAD(M35)
: ONDERSTEPOORDT
: PRIVATE BAG X05
:0110
- The particulars of the guarantee that will apply to the goods quoted for, with particular regard to the period and extent of the warranty must be clearly stated. Where services are required, service providers must submit documentation pertaining the relevant experience.
- Your written quotation should be sent to:

Mosidi Ramosunya
Tel :012 529 9315
Cell:
Fax:
E Mail: ramosunyam@arc.agric.za

5. All price quotations that have a rand value of R30,000-00 to R50 000 000.00 including VAT, will be evaluated by applying the 80/20 principle as prescribed by the Preferential Procurement Policy Framework Act 5 of 2000 and its Regulations. The lowest acceptable price will score 80 points, the 20 BBEE points will be allocated as follows:

B-BBEE Status Level of Contributor	80/20
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant Contributor	0

6. Standard conditions:
- 6.1 The validity of the quotations must be indicated.
- 6.2 Prices quoted should be in South African Rand and inclusive of VAT costs such as delivery, insurance, taxes, etc.
- 6.3 No price adjustments or amendment of the delivery particulars contained in paragraph 2 will be considered by the ARC.
- 6.4 The supplier accepts full responsibility for the proper execution and fulfilment of the goods/services quoted for.
- 6.5 ARC reserves the right to accept or reject any special terms and conditions that may qualify the goods/services to be provided.
- 6.6 Quotes should be submitted on an official letterhead and duly signed
- 6.7 Goods and services should be supplied/rendered upon receipt of a purchase order from the ARC
- 6.8 The General Conditions of Contract issued by National Treasury are applicable.
- 6.9 The ARC supply chain management code of conduct is applicable.
- 6.10 SBD Forms must be signed and returned together with the quotation if your price is above R10 000.00, failure to comply will result to disqualification of your quotation.
- 6.11 Only quotation from suppliers who are requested to quote shall be

evaluated and considered.

- 6.12 Your quotation must indicate the delivery date.
- 6.13 The ARC reserve the right to do due diligence on the quotations.
- 6.14 The ARC reserve the right to benchmark prices quoted.

Thank you in anticipation

Supply Chain Management: ARC

Date: 11/10/2022