



60

PURCHASE REQUEST

PR #: TF-2021-10-01458

Date: 10-27-2021

Dept./Office: CVM

Category: Laboratory Supplies

Section/End-User: Santiago T. Peña Jr.

 Project Title/Code: PCAARRD 202050-1.100/Optimizing
 Boar Semen Cryopreservation Towards Effective
 Industry Utilization and Genetic Conservation (Part 2)

Funding Source: Trust Fund

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	1-5 mL Pipette Tips	packs	4	1,200.00		4,800.00

Specification:**1-5ml Pipette Tips**

- 5000 uL (5ml) pipette tips
- Diameter of inner tube: 13 mm
- Available in bulk packs.
- Virgin polypropylene.
- Autoclavable
- Color: Natural
- Package: 300pcs/pack
- 1000-5000uL (1-5mL) capacity

2	1.8 mL Cryotubes	packs	30	175.00		5,250.00
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Specification:**1.8 mL Cryotubes**

- 1.8ml freezing tube
- Material: Plastic
- Color: clear with orange caps
- Packaging: 10pcs/pack
- Purpose: Multifunctional cryotubes

3	5 ml Pipette Rectangle Pipette Tip Box	unit	3	750.00		2,250.00
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Specification:**5 ml Pipette Rectangle Pipette Tip Box**

- Material: Plastic, autoclavable
- 28 Positions
- Fit for 5ml pipettor tips
- Each hole diameter : 11mm/0.43"
- Total size: 12 x 9.3 x 16 cm/4.72" x 3.66" x 6.3" (LxWxH).
- Weight: 148g
- Empty box, not including tips

4	5ml Plastic Centrifuge - Microtubes/Vials	pack	3	257.00		771.00
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Specification:

5ml Plastic Centrifuge - Microtubes/Vials

Specifications:

- Scale: 5ml (Permissible error 0.1 ml)
- Length: 63mm / outer diameter: 15mm
- Material: PP
- Type: Disposable
- Withstand temperature range: -80 ? + 121 degrees C
- Autoclavable: 121 degree C.
- Highest speed: 12000 r/min, continuous work for 15 minutes
- Benefits: Smooth side walls, good transparency, good sealing lid, the sample is not volatile, convenient printing scale experimental measurement.
- Package include: 30 x 5ml plastic centrifuge test tube vial container

5	Alcohol, Denatured	gallons	1	500.00		500.00
6	Boar Semen	unit	12	1,200.00		14,400.00

Specification:

Boar Semen

- Pure or extended (depending on sources and availability)
- 1-3 bottles per unit price (80-100ml/bottle) depending on the volume of individual ejaculate
- Acquired from local farmers or commercial pig farms

7	Detergent Equex STM, 30 g	btls	2	3,000.00	SANTIAGO T. PEÑA JR.	6,000.00
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Specification:

Detergent Equex STM, 30 g

- Component of porcine/canine semen freezing media (REF.: 13560/0008)
- 2 small bottles

8	Manual Ball Sealer for Semen Straws, 0.5mL Set	set	1	63,000.00	SANTIAGO T. PEÑA JR.	63,000.00
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Specification:

Manual Ball Sealer for 0.5mL Semen Straw Set

- used for sealing individual 0.5ml semen straws.

Includes:

- Sealing ball, glass, for 0.5 ml straws, black (REF: 13400/1000) - 1 pack for 1000 pcs
- Sealing ball, metal, for 0.5 ml straws (REF: 13400/9900) - 2 packs for 2000 pcs
- EcoStraw, 0.5 ml, transparent grey (REF: 13408/3074) - 1 pack for 2500pcs
- 1 MiniCutter for semen straws (REF: 17062/0010)

9	Microwave Oven, 30L	unit	1	12,000.00	SANTIAGO T. PEÑA JR.	12,000.00
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Specification:

Microwave Oven, 30L

- Dimensions 43.7 × 51.8 × 32.5 cm
- 30 Liters Microwave Oven
- Quick Defrost
- Push Bottom + Knob + Digital
- Automatic Programmes
- 5 Power Levels
- LED White Color
- Turntable Size: 315mm
- Voltage: 230V
- Frequency: 60Hz
- Microwave Power: 100W

10	PET Seal Bottles/Reagent Vials	pack	10	230.00		2,300.00
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Specification:

EREMY1 Portable Bottle Container PET Seal Bottles Spray Bottle Pill Container Powder Container Reagent Vials Plastic Chemical Container

- Color: Clear
- Quantity: 10pcs/pack
- Type: Refillable Bottles: 15ml, 20ml, 30ml, 60ml

11	Plastic Dredge Reagent Bottles	set	1	550.00		550.00
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Specification:**Plastic Dredge Reagent Bottles**

- Made of PE material for durable and practical to use.
- 250ml capacity
- Color: white with blue cap
- Size: About 11.00 x 7.00 x 5.00cm/4.32 x 2.75 x 1.97 inch.
- The product is light and compact, easy to use and portable to carry.
- Package Includes: 10 x bottles

12	Portable Air-Conditioned Transport Box for Boar Semen	unit	1	38,000.00	SANTIAGO T. PEÑA JR.	38,000.00
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Specification:**Portable Air-Conditioned Transport Box for Boar Semen**

Thermoelectric peltier element technique provides heating and cooling to maintain the desired temperature in the box.

- 8-Liter capacity
- Free temperature setting
- Digital display
- Automatic switchover between heating and cooling
- Precise, electronic temperature control
- Polyurethane-full-foam insulation
- 12 V DC connection for mobile use

Includes:

- Converter 12 V/AC 100-240 V

13	Rectangle Microscope Glass Slide Holder Box	pack	2	270.00		540.00
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Specification:**Microscope 5-Slide Box**

- Material : Plastic
- Each Box Can Hold 5 pieces of microscope slides
- Box Size : 8.7 x 2.8 x 1.9cm
- Fit Slide Size : 7.8x 2.6cm
- Package Weight : 100g
- Package : 10 x Microscope Slide Box

14	Stainless Steel Thermal Insulated Flask	unit	5	450.00		2,250.00
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Specification:**Stainless Steel Thermal Insulated Flask**

- Thermal Cup Specifications:
- Keeps warm and cold, can be filled with water to keep warm
- Sealed and leak-proof, heat insulation and scalding

- Hook and handle- easy to take
- 500 mL Portable Stainless Steel Food Thermal Insulated Container
- eakproof Thermal Cup Vacuum Flasks
- Material: 304 stainless steel+PP+PS+silicone
- Size: 15*9.6cm
- Color: yellow/blue/red

15	Sterile Speciment/Reagent Cup with Lid	pack	10	150.00		1,500.00
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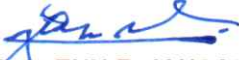

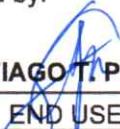


Specification:

Sterile Specimen/Reagent Cup with Lid

- Sterile speciment/reagent cup with lid
- 60ml capacity with built in plastic spoon
- leak free
- 6 pieces/pack

	TOTAL					154,111.00
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Purpose: For PCAARRD-VSU boar semen cryopreservation project.

Checked by:  JACOB GLENN F. JANSALIN TWG - Laboratory Supplies		Funds Available:  NICK FREDDY R. BELLO (OIC) HEAD, ACCOUNTING OFFICE 	
Signature:	Requested by:  SANTIAGO T. PEÑA JR. END USER	Noted by:  SANTIAGO T. PEÑA JR. UNIT HEAD, PROJECT LEADER	Approved by:  EDGARDO E. TULIN PRESIDENT, VSU