



PURCHASE REQUEST

PR #: TF-2021-11-01474

Date: 11-03-2021

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 3)**

Funding Source: **Trust Fund**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	AI Buddy	pc	1	1,300.00		1,300.00
Specification: <ul style="list-style-type: none"> Artificial Insemination buddy Hand free insemination Use to stimulate the sow during the insemination procedure 						
2	AndroStar Semen Extender	packs	15	400.00		6,000.00
Specification: <ul style="list-style-type: none"> 1 pack 47g for 1lt of AI water Extended Semen Life - Up to 7 days at 17°C GMP ISO certified Minitub - Germany 						
3	Beltsville Thawing Solution - BTS w/o Antibiotics	pack	1	3,500.00		3,500.00
Specification: Basic boar semen extender and diluent solution with precise combination of glucose, sodium citrate, EDTA, sodium bicarbonate and potassium chlorate without antibiotics. Specification: <ul style="list-style-type: none"> BTS without antibiotics (13525/2050), 2500 g = 50L 						
4	Beltsville Thawing Solution- BTS Plus Gentamicin	pack	1	3,000.00		3,000.00
Specification: Basic boar semen extender and diluent solution with precise combination of glucose, sodium citrate, EDTA, sodium bicarbonate and potassium chlorate PLUS gentamicin. Specifications: <ul style="list-style-type: none"> BTS with Gentamicin (13525/1020), 1000 g = 20 L 						
5	Biohazard Waste Bag	pcs	1	2,000.00		2,000.00
Specification: <ul style="list-style-type: none"> Biohazard plastic bags with logo hazardous waste bags 80x100cm 						

• 15 yellow disposable waste bags						
6	Boar Semen	unit	15	1,200.00		18,000.00
Specification: Boar Semen <ul style="list-style-type: none"> • 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	Boar Semen Filter	pack	1	700.00		700.00
Specification: <ul style="list-style-type: none"> • Filter for use during the collection of the boar semen • Non absorbent thus no unnecessary wastage compared with ordinary gauze • No contamination such as fiber strands common from using ordinary gauze 						
8	Boarciphos	packs	10	1,500.00		15,000.00
Specification: Boarciphos A and Boarciphos B (002278) <ul style="list-style-type: none"> • media preparation for boar semen freezing • 100ml- preparations • 2 packs (A & B) 						
9	Borosilicate Coverslip Gass	box	2	800.00		1,600.00
Specification: <ul style="list-style-type: none"> • Cover slip, made from borosilicate glass hydrolytic class I. • Made in Germany • Dimension 22 mm x 22 mm • Thickness No. 1 (0.13–0.16 mm) • Colourless, absorption-free within the visible spectrum • Optically pure, free from streaks, bubbles, striations • Excellent chemical resistance • Without disruptive autofluorescence even when stimulated in the near UV spectrum (e.g. 365 nm) • Refractive index 1.5230 Acc. to ISO 8255-1 • Suitable for applications that require high quality optical results. • 200 pieces per box. Securely packed in plastic box. 						
10	Clear Safety Glasses	pcs	2	600.00		1,200.00
Specification: POLYCARBONATE SINGLE LENS GLASSES <ul style="list-style-type: none"> - Polycarbonate single lens glasses. - Adjustable and tilting nylon arms. - Spatula tips. 						

- Integrated TPE nose piece.
- Side protection.
- Sides : nylon
- Lens: polycarbonate
- Weight : 34 g

Dimensions (Approximate):

- Frame Width - 6"
- Lens Height - 2.25"
- Lens Width - 3"
- Arm Length - 4.2"

11	Coverall Protective Suit	pcs	10	250.00		2,500.00
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Specification:

- Disposable protective coverall
- Protective loose fitting that cover the whole body except for the head, hands and feet
- Non woven, polypropylene coverall with front zipper, hood, and elastic wrist/ankle closures
- Made in Taiwan

12	Cryogenic Vials	pack	3	2,300.00		6,900.00
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Specification:

Cryogenic Vials

- Lip seal cap design ensures a leakproof seal
- Made of medical grade, non-cytotoxic, USP class VI and FDA compliant polypropylene
- BSE/TSE BPA, phthalate, Latex and Heavy metal free
- Sterilized by Gamma radiation and Autoclavable
- Certified RNase, DNase, DNA and Pyrogen free
- 2mL capacity

13	CryoGuard Extenders	set	3	4,400.00		13,200.00
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Specification:

CryoGuard for Boar Semen Cryopreservation

Includes the following:

- One (bottle) - CryoGuard, part A (13514/2100) cooling extender for boar semen, powder for 100 ml, with Gentamicin.
- One (1) bottle - CryoGuard, part B (13514/2110), freezing extender for boar semen, liquid, with Gentamicin; contains Glycerol, for preparation of 100 ml Part B freezing extender.
- One (1) bottle - CryoGuard Thaw (13514/2200), thawing extender for boar semen, powder for 1000 ml extender with Gentamicin

Note:

Order Schedule: September and March

14	D-(+)-Glucose	btl	1	11,750.00		11,750.00
Specification: D-(+)-Glucose- Dextrose <ul style="list-style-type: none">• 99.5% (GC)• application(s): cell culture embryo: suitable• powder form• G6152-1KG						
15	Disposable Plastic Boot	box	4	600.00		2,400.00
Specification: <ul style="list-style-type: none">• Over the shoe disposable plastic boot• Easy to slip on and off• 25 pairs per box• Made in Taiwan						
16	Eosin G Stain	btl	1	1,500.00		1,500.00
Specification: <ul style="list-style-type: none">• Eosin G Stain, 2% solution for live/dead boar semen cells - 50 ml• Stain dead or damaged boar semen red• Minitub - Germany						
17	Ethanol	gallon	1	1,200.00		1,200.00
Specification: AR grade, 2.5L, at least 95% v/v						
18	Glycerol- Cell Culture Tested	btl	1	12,250.00		12,250.00
Specification: Glycerol is a viscous liquid that is widely used in molecular biology research. Product Description <ul style="list-style-type: none">• Molecular Formula: C₃H₈O₃• Molecular Weight: 92.1• CAS Number: 56-81-5• Melting point: 17.8 °C• Density: 1.26 g/ml• Synonyms: glycerin, 1,2,3-propanetriol• G2025-100mL						
19	Mill Semen Extender	packs	25	140.00		3,500.00
Specification:						

- 1 pack 60g for 1lt of AI water
- Extended Semen Life - Up to 4 days at 17°C
- 10 bag/pack 100 bag/box
- GMP ISO certified
- Minitub - Germany

20	Multifunction Double-Sided Nano Tape	pc	1	300.00		300.00
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Specification:

Material:Acrylic, Rubber

-Length: 5 meter (16.4ft)

-Width: 3cm / 1.18"

-Number of pcs: 1 roll

-Color: Clear

-Elongation Coefficient: 300 percent

-Sturdy and durable, double-sided adhesives, transparent, reusable, removable, washable, free cut.

-Total Length: 5Meter(16.4ft)

- Width: 3cm / 1.18".

-Can be stuck to almost any smooth, clean and non-porous surface and stay there.

-It is easily removable, leave no traces, and will not damage your walls or any surfaces.

-Washable and Infinitely reusable, reusable after washing off dust.

21	Nigrosin stain	btl	1	1,500.00		1,500.00
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Specification:

- Nigrosin stain, 4% solution for live/dead cells 50ml
- For Boar Semen Morphology
- Made in Germany

22	Pan Water Rack	unit	1	5,200.00		5,200.00
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Specification:

Pan water rack

- punch free material
- used to hang/drain laboratory glasswares
- dark gray 27 Rod

23	Penicillin/Streptomycin (10,000U/mL/10,000ug/mL)	btl	1	3,640.00		3,640.00
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Specification:

- Molecular biology grade
- Suitable for mammalian cell culture

<ul style="list-style-type: none"> • Liquid form, sterile filtered • Bottle of 100mL 						
24	Polycarbonate Safety Goggles	pcs	2	600.00		1,200.00
Specification: PRODUCT SPECIFICATION <ul style="list-style-type: none"> • Polycarbonate goggles. • Indirect ventilation. • Flexible PVC and nylon frame. • Panoramic screen. • Adapted to wear with glasses and disposable respiratory half-masks. • Wide elastic strap. 						
25	Potassium Chloride	kgs	1	1,500.00		1,500.00
Specification: ?Chemical must be plant tissue culture tested for at least 20 years ?ISO complaint ?ACS REAG ?PH EUR ?meets USP Standards ?Bioreagent suitable for cell culture						
26	Rechargeable Wireless Keyboard and Mouse Set	unit	1	950.00		950.00
Specification: Rechargeable Office Wireless Keyboard and Mouse Set Size: 284*121*16.5mm Weight: 280g Connection method: USB receiver/Bluetooth						
27	Self Sealing Sterilization Pouch	box	2	1,100.00		2,200.00
Specification: <ul style="list-style-type: none"> • Size: 5.5 inches x 11 inches • 200pcs per box 						
28	Sharps Waste Container	pcs	2	500.00		1,000.00
Specification: Features: <ul style="list-style-type: none"> • Made of high quality PE plastic, sturdy, thicken, lightweight, waterproof, durable. • This product is a waste sharpes storage trash. • It's used for handling sharps and similar material wastes. • 4 L capacity 						

29	Sodium Bicarbonate	btl	1	1,000.00		1,000.00
Specification: Sodium Bicarbonate Powder <ul style="list-style-type: none"> • USP Pharmaceutical Grade • CAS: 13-34799 • HIGHEST QUALITY • Aluminum Free • 1-kg bottle 						
30	Sodium citrate	btl	1	700.00		700.00
Specification: Sodium citrate is the sodium salt of citric acid. It is white, crystalline powder or white, granular crystals, slightly deliquescent in moist air, freely soluble in water, practically insoluble in alcohol. <ul style="list-style-type: none"> • it is used as alkalinizing agent by neutralizing excess acid • 1 kg- bottle 						
31	Sodium EDTA dihydrate,	btl	1	5,400.00		5,400.00
Specification: ?Chemical must be plant tissue culture tested for at least 20 years ?ISO complaint ?ACS REAG ?PH EUR ?meets USP Standards ?Bioreagent suitable for cell culture ?250g						
32	Stainless Steel Trays	pieces	1	720.00		720.00
Specification: (L 36 cm x W 27 cm) (Depth 6.5 cm)						
33	Sterile Syringe Filters Nylon 25 mm Diameter 0.45 um Pore Size Individually Packaged 10/pk	packs	1	2,000.00		2,000.00
Specification: Sterile Syringe Filters Nylon 25 mm Diameter 0.45 um Pore Size Individually Packaged 10/pk						
34	TES for Cell Culture	btl	1	10,250.00		10,250.00
Specification: TES <ul style="list-style-type: none"> • BioPerformance Certified, suitable for cell culture, ?99% (titration) • application(s): cell culture mammalian: suitable 						

- crystalline powder
- TES - T5691-25G

35	Tris (Trizma Base)	btl	1	20,625.00		20,625.00
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Specification:

Tris (Trizma Base)

- T6066-100G
- BioPerformance Certified, meets EP, USP testing specifications, suitable for cell culture, ?99.9% (titration)
- crystalline powder
- application(s): cell culture | mammalian: suitable

36	UV Germicidal Lamp	pcs	2	1,800.00		3,600.00
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Specification:

- UV Germicidal Lamp designed for Drying/Sterilizing Oven with UV Lamp unit
- for sterilization of laboratory apparatus
- 220V 10 watt
- Made in Japan

	TOTAL					169,285.00
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Purpose: For use in the PCAARRD-VSU boar semen cryopreservaiton project.

Checked by:

JACOB GLENN F. JANSALIN

TWG - Laboratory Supplies

Funds Available:

NICK FREDDY R. BELLO

(OIC) HEAD, ACCOUNTING OFFICE

Signature:

Printed Name:

Designation:

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