



## Bid Notice Abstract

### Request for Quotation (RFQ)

**Reference Number** 8955572  
**Procuring Entity** PHILIPPINE RICE RESEARCH INSTITUTE  
**Title** Procurement of Molecular Biology Supplies and Reagents (ALT22-04-0028T)  
**Area of Delivery** Nueva Ecija

<b>Solicitation Number:</b>	PR no. 2022-07-1322, 2022-07-1343	<b>Status</b>	<b>Active</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations	<b>Associated Components</b>	1
<b>Procurement Mode:</b>	Negotiated Procurement - Small Value Procurement (Sec. 53.9)	<b>Bid Supplements</b>	0
<b>Classification:</b>	Goods	<b>Document Request List</b>	1
<b>Category:</b>	Laboratory Supplies and Equipment	<b>Date Published</b>	25/08/2022
<b>Approved Budget for the Contract:</b>	PHP 546,800.08	<b>Last Updated / Time</b>	25/08/2022 00:00 AM
<b>Delivery Period:</b>	30 Day/s	<b>Closing Date / Time</b>	01/09/2022 17:00 PM
<b>Client Agency:</b>			
<b>Contact Person:</b>	Clarivel Ordonia Seguritan Admin Officer IV Maligaya Science City of Muñoz Nueva Ecija Philippines 3119 63-44-4560650 63-44-4560650 coseguritan@philrice.gov.ph		

#### Description

2 bottle Molecular biology reagent, Penicillin- Streptomycin Solution  
Penicillin-Streptomycin Mixed Solution (Penicillin:10000units/mL and Streptomycin:10000 ug/mL in 0.85% NaCl),100 mL

12 bottle Molecular biology reagent, Dulbecco's Modified Eagle's Medium (DMEM)  
Dulbecco's Modified Eagle's Medium (DMEM) - high glucose With 4500 mg/L glucose,L-glutamine, sodium pyruvate, and sodium bicarbonate, liquid, sterile- filtered, suitable for cell culture.  
Expiration should be 1 year upon delivery, (500 mL/bottle)

6 bottle Molecular biology reagent, Dulbecco's Modified Eagle's Medium (DMEM)  
Dulbecco's Modified Eagle's Medium/Nutrient Mixture F-12 Ham With 15 mM HEPES and sodium bicarbonate, without L-glutamine, liquid, sterile-filtered, suitable for cell culture.  
Expiration should be 1 year upon delivery, (500 mL/bottle)

12 bottle Molecular biology reagent, Dulbecco's Modified Eagle's Medium (DMEM)  
Dulbecco's Modified Eagle's Medium (DMEM)- low glucose With 1000 mg/L glucose, L-glutamine, and sodium bicarbonate, liquid, sterile-filtered, suitable for cell culture.  
Expiration should be one year upon delivery (500 mL/bottle)

2 bottle Molecular biology reagent, Fetal bovine serum  
Fetal bovine serum  
Fetal Bovine Serum MolBio grade; 500 mL, heat inactivated, sterile filter, suitable for cell culture. Expiration date should be one year or longer upon delivery.  
Reagents should be frozen liquid when transported.

6 bottle Molecular biology reagent, Minimum Essential Medium Eagle (MEMα)  
Minimum Essential Medium Eagle (MEMα), Alpha Modification, With ribonucleosides, L-glutamine, deoxyribonucleosides and sodium bicarbonate, liquid, sterile-filtered, suitable for cell culture.  
Expiration should be one year upon delivery (500 mL/bottle)

6 bottle Molecular biology reagent, Minimum Essential Medium Eagle (MEMα)  
Minimum Essential Medium Eagle, With Earle's salts, L-glutamine and sodium bicarbonate, liquid, sterile- filtered, suitable for cell culture.  
Expiration should be one year upon delivery (500 mL/bottle)

1 case Molecular biology reagent, RPMI-1640 Medium  
RPMI-1640 Medium,With L-glutamine and sodium bicarbonate, liquid, sterile- filtered, suitable for cell culture, expiration should be one year upon delivery (6 bottles x 500 mL)

1 bottle Molecular biology reagent, Guanidine hydrochloride  
Guanidine hydrochloride, for molecular biology > 99%, 100g

1 bottle Molecular biology reagent, Molecular Weight Marker  
 Prestained Molecular Weight Marker for Western Blot, 500 uL, 10-245 kDa

2 kit Master Mix, cDNA Master Mix cDNA Master Mix with gDNA remover; Reagents for reverse transcription and for the removal of genomic DNA [DNase I treatment] are included].  
 - Reverse transcription qPCR RT Master Mix Kit must be supplied with genomic DNA remover, 4x DN Master Mix, nuclease free water, 5x RT Master Mix II and 5x RT Master Mix no RT control)

Technical Specifications:  
 - for 200 reactions or more  
 - for the synthesis of cDNA template, which will be used for realtime qPCR  
 - reverse transcription reaction can be completed in 15 minutes  
 - suitable for the detection of low abundance mRNAs  
 - reagents should be frozen when transported for delivery

1 kit Master Mix, qPCR Master Mix qPCR Master Mix Buffer (2x) Technical specifications:  
 - Ready-to-use cocktail containing all components (except primers and template) for the amplification and detection of DNA in qPCR  
 - Must be supplied with ROX Reference Dye Low and High (50x)  
 - (1000 x 20 µL rxn); approximately 10mL total volume or more;  
 - for real-time quantitative gene expression analysis, low copy gene detection, and quatification of next- generation sequencing  
 - can improve amplification of GC- and AT-rich targets/templates  
 - can activate enzyme components in 20 sec initial denaturation at 95 oC  
 - DNase and RNase free  
 - Compatible with most qPCR instruments with or without the use of ROX dye  
 - Reagents should be frozen liquid when transported for delivery  
 - Expiration should be 1 year upon delivery  
 - Ideally suited for gene expression analysis; gene knockdown validation; microarray validation; low copy gene detection

1 botte Molecular biology reagent, MTT (3-(4, 5-Dimethylthiazol-2-yl)-2,5-Diphenyltetr azolium Bromide) 3-[4,5-dimethylthiazole-2-yl]-2,5-diphen yltetrazolium bromide (MTT),1g, suitable for cell culture experiment, analytical grade

1 roll Molecular biology supplies, PVDF Membrane  
 PVDF blotting membrane, 0.45µm pore size, for use with standard colorimetric and chemiluminescent detection methods for proteins of > Mr 20 000.  
 Protein binding capacity over 200ug/cm2 for easy signal detection. High protein retention even after harsh washing steps.  
 High protein capture during transfer minimizes sample loss.

1 pack Molecular biology supplies, Blotting Paper  
 Blotting Paper,1.5 mm highly absorbent paper recommended for semi- dry protein blotting sheet, 30 x 60 cm 30 x 60 cm (11.81 x 23.62 in), 25sheets/pack

1 pack Molecular biology reagent, Detection Reagent  
 Western Blotting Detection Reagent Offers reliable chemiluminescence detection of medium and high expression proteins with higher sensitivity than colorimetric assays Sufficient for detection of 4000 cm2 of membrane: 250 ml Detection reagent 1, 250 ml Detection reagent 2 deal for confirmatory Western blotting applications using chemiluminescence detection  
 At least 10-fold more sensitive than colorimetric assays  
 Detectable on Amersham Hyperfilm ECL or with a CCD imager such as ImageQuant LAS 500.

**Other Information**  
 Email Address: frederickcapinpin22@gmail.com  
 Contact no.: 0907-925-5043

**Created by** Clarivel Ordonia Seguritan

**Date Created** 24/08/2022

The PhilGEPS team is not responsible for any typographical errors or misinformation presented in the system. PhilGEPS only displays information provided for by its clients, and any queries regarding the postings should be directed to the contact person/s of the concerned party.