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Wednesday, June 3, 2020 08:17 AM

Venus Solano MNWD

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Bid Notice Abstract

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Request for Quotation (RFQ)

Reference Number 7021969

Procuring Entity METROPOLITAN NAGA WATER DISTRICT

Title Supply and Delivery of Autoclave

Area of Delivery Camarines Sur

 [Printable Version](#)

Solicitation Number:	PR20-05-0213	Status	Active
Trade Agreement:	Implementing Rules and Regulations	Associated Components	1
Procurement Mode:	Negotiated Procurement - Small Value Procurement (Sec. 53.9)	Bid Supplements	0
Classification:	Goods	Document Request List	3
Category:	Laboratory Supplies and Equipment	Date Published	03/06/2020
Approved Budget for the Contract:	PHP 400,328.00	Last Updated / Time	03/06/2020 12:00 AM
Delivery Period:		Closing Date / Time	08/06/2020 5:00 PM
Client Agency:			
Contact Person:	Venus C. Solano Procurement Assistant A 40 J.Miranda Ave., Naga City Camarines Sur Philippines 4400 63-54-4737813 Ext.117 63-54-4739288 mnwdbac@yahoo.com		

Description

1 Auto Clave 1 unit
Specifications:

Chamber Capacity: 54L
Usable Inner Size: 320 x 676 mm
Usable Max. Temperature : 140°C
Usable Max Pressure : 0.27MPa
Usable Temperature
Sterilization: 101~140°C
Dissolving: 40 ~100°C
Warning: 40 ~60°C

Usable Time : Sterilization, Dissolving: 0min~48 hrs 00 min and continuous,
Warning: 0 min ~48 hrs 00min
Controller: Microprocessor controller, graphic display, Temperature, 3 digits PID control Timer, 2 digits minutes, down count (Temperature / Time Integration system)

Operation Pattern:

A. Heating > Sterilization > Exhaust (Adjustable)
B. Heating > Sterilization > Exhaust (Adjustable)
C. Dissolving > Warning

Air Exhaust device : Temperature (99°C Adjustable) sensing time (3 min. adjustable) control & solenoid valve (Timed free streaming system)
Exhaust cooling system: Water storage tank with cooling oil and exhaust drain receiver bottle
Drain valve: Manual valve at inner side of exhaust bottle

Safety:

Safety Devices: Interlock system, Electro mechanical lock system. Double check of lid close, over pressure detector, over temperature detector, water lock preventor, sensor break indicator, abnormal time indicator, memory of power failure, safety valve, breaker or slight leakage, over current and short circuit.

Safety valve operation : 0.29 Mpa
Water test pressure: 0.58MPa

Material:

Chamber and Lid: Stainless Steel SUS304, shiny polished.
Molded silicon Rubber Lid Gasket (seal-seal system)
Outer panel- steel with baked melamine finish,
Top Panel : Heat resisting molded resin
Power Demand (50/60 Hz): AC220/230/240V, 1 phase, 50/60 Hz, 2.6 KW, 12A
Outer dimensions: WxDxH : 550 x 550 x 990mm
Weight: 60kg

Accessories Included:

Stainless wire: Ø300 x 300mm x 2 pcs
Others: Exhaust bottle and chamber drain tray

the lid. It keeps stopped at the same position.

Lid Interlock

The Lid is locked reliably during operation and till cooling down to the safe temperature (80°C adjustable by parameter)

Electro Mechanical Lock

This function brings more safety to operator by locking the lid at the power failure or in the power off, to prevent operator from contamination by contacting un-sterilization objects carelessly. Locking is released only on standby state in the power ON.

Graphic Mechanical Lock

The current operation process is indicated clearly

Time free streaming

This reliable automatic air exhaust system guarantees always sure sterilization under pure steam exposure.

Adjustable Automatic Exhaust

After sterilization process, steam is slowly or cooled by the key set especially for liquid bottles

Warning and Dissolving of culture medium

Warning after sterilization and dissolving of culture medium

Water cooling system of exhaust system and drainage of water

For no exhaust steam to your working room during air exhaust process or at operation end, the water cooling system with enough ability of steam condensation is provided. Condenses water flow into the exhaust bottle in the front of main body. Also to clean the chamber bottom, the remained water is drained to the drain tray by opening the drain valve to cock at inner side of exhaust bottle.

Start timer by calendar

You can set operation start by month, hour and minute. The sterilized objects can be taken out at your next work-start.

Memory back up

Even on a power failure, the process progress is memorized. When the power is returned, it is re-displayed.

Mouth boss for object temperature sensor is provided on the lid

Through this mouth boss, one sensor for operation start of three sensors for temperature distribution measurement can be set later (by option) with use of fitting accessory.

Note:

1. VAT Inclusive
2. FOB MNWD, Naga City
3. Partial Delivery shall not be accepted

Documentary Requirements to submit:

1. Mayor's/Business Permit
2. Philgeps Registration Number
3. Income/Business Tax Returns
4. Omnibus Sworn Statement

*Incomplete or non-submission of the required Documentary Requirements shall be automatically disqualified

Line Items

Item No.	Product/Service Name	Description	Quantity	UOM	Budget (PHP)
1	Laboratory Supplies and Equipment	Autoclave	1	Unit	400,328.00

Created by Venus C. Solano

Date Created 02/06/2020

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