



Republic of the Philippines  
PROVINCE OF BOHOL  
City of Tagbilaran



Standard Form Number: SF - GOOD-58

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Standard Form Title: Purchase Order

Project Reference NO. - PHO - 2021 -034

P.R. No. - PHO - 2021 - 120

### PURCHASE ORDER

PROVINCIAL HEALTH OFFICE, NEW CAPITOL BUILDING, TAGBILARAN CITY

Agency/Procuring Entity

Supplier :	SUNFU SOLUTIONS INC.	D.O. No. :	P.O. # PHO - 2021 - 087		
Address :	Unit 615 City & Land Mega Plaza ADB Avenue, Origas Center, San Antonio, Pasig City	Date :	JUN 23 2021		
Telephone No.:		Mode of Procurement :	Public Bidding		
TIN :					
Gentlemen/Mesdames: Please furnish this Office the following articles subject to the terms and conditions contained herein:					
Place of Delivery:	GARCIA MEMORIAL PROVINCIAL HOSPITAL, TALIBON, BOHOL	Delivery Term:	Please read at the back hereof		
Date of Delivery :	Ten (10) Calendar days upon receipt of NTP	Payment Term:	Upon Completion of Delivery		
Warranty Period:	ONE(1) YEAR				
Item No.	QTY	UNIT	DESCRIPTION OF SUPPLIES	UNIT COST	AMOUNT
1	12	units	Dialysis Machine, with touch panel color display, programmable rinsing	1,383,000.00	16,596,000.00
			BRAND OFFERED : DIAMAX		
			Rinsing Mode Standard disinfection methods are available such as hot citric, acetic acid, sodium-hypochlorite etc.		
			The color touch-panel display enables simple operation. Dialysis data, alarm, etc. can be set and displayed.		
			• Touch Panel display		
			Rinse Program: Water rinse, Hot rinse, Chemical disinfection, Hot Citric disinfection, Acid rinse		-
			Acetate dialysis, Bicarbonate liquid dialysis, Sequential dialysis, Double needle dialysis, Ultrafiltration control		-
			Function: Acetate and Bicarbonate dialysis, Sequential dialysis		-
			UF Control		-
			UF rate: 0, 0.10 to 5.00L/hr		-
			Accuracy: ±30gm/hr (UFR=0.00-3.00L/hr)		-
			±1% of setting (UFR = 3.01-5.00L/hr)		-
			Bicarbonate Dialysis		-
			Bicarbonate : 1.0 to 8.0mS/cm		-
			Total conductivity : 10.0 to 17.0mS/cm		-
			Acetate dialysis		-
			Acetate : 10.0 to 17.0mS/cm		-
			Four dialysate (No. 1-No.4) can be registered at maximum		-
			Dialysis Flow range 300 to 700 mL/min ( standard : 500mL/min)		-
			Flow range : 300 to 700mL/min		-
			Dialysis Temperature 30.0 to 40.0 C		-
			Water Supply Inlet water flow rate : 1100mL/min or more		-
			Flow rate: 1100mL/min or more		-
			Arterial Pressure Display range: -300 to +300mmHg		-
			Arterial Pressure Monitoring : - 300 to 600 mmHg		-
			Venous Pressure Display range : -200 to +400mmHg		-
			Venous Pressure Monitoring -300 to 600 mmHg		-
			Blood Pump Flow range: 0, 50 to 600mL/min ( for large dia tube)		-
			Arterial Blood pump Flow range 0, 15 to 600mL/min		-
			Heparin Pump Syringe Pump		-
			Delivery range : 0, 0.1 to 9.9 mL/hr		-
			Delivery range : 0, 0.1 to 20.0 mL/hr		-
			Bolus Volume : 0.5 to 5.0mL		-
			Bolus range : 0.5 to 5.0 mL		-
			Syringe size : 10, 20 and 30mL		-
			Stop Program is available		-
			Air Bubble detector Ultrasonic sensor		-


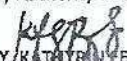
			Safety monitors: • Air Bubble Power failure •TMP Blood Leak, Conductivity and temperature of Dialysate, Auto self check function • System, Electrical conductivity sensor, Leaking blood sensor • Self-diagnosis function		
			Maintenance Friendly		-
			remove the back cover of hydraulic line		-
			• Back up Battery Additional chemical rinse port Inhalation Port: Used only when PORT 2 is optionally furnished		-
2	1	unit	Dialyzer Reprocessor, Fully Automated for HEPA Negative	1,585,000.00	1,585,000.00
			Fully automated dialyzer reprocessor for negative hepa		-
			BRAND OFFERED : RENATRON		-
			Automated system		-
			Water requirements: Purity in accordance with AAMI/ANSI standard for hemodialysis 15 March 1992 (Chemical Limits) Filtered through a 1.0 micron of finer filter.		-
			Input Pressure: 138-279.3 K, Pa (20-55 psig)		-
			Average flow rate : 1.75 liters/minutes		-
			Water Temperature 59°-75° F (15°-14 C)		-
			Drain Requirements: 6 liters/minutes no higher than 6 (15cm) above top surface of machine, drain vented to atmosphere.		-
			12bits (2.44V/LSB)		-
			• Stress and Rest ECG		-
			Resting Stress		-
			• IOS, Android & MS Windows Compatible for Rest ECG		-
			Bluetooth v2.0 + EDR, Class 1		-
			• Developed at Erasmus University, the Netherlands		-
			• 10 sec lead to appear in 4x3 and 6x2 formats		-
			Auto Stop after 10sec. Stops recording automatically after 10 sec.		-
			250, 500, 1000		-
			- A4 format plain paper printing during the test		-
			- Export test results into formats: DICOM, HL7, PDF, Jpeg, XML, plain text, GDT, Native RAW data		-
			5,10,20,40 mm/mV		-
			12.5,25,50,100 mm/sec		-
			Lead OFF Detection		-
			Defibrillation Protection		-
			• IOS, Android & MS Windows Compatible for Rest ECG		-
			92 x 75 x 23mm		-
			126 gr		-
3	1	unit	Dialyzer Reprocessor, Semi Automated for HEPA Positive	424,000.00	424,000.00
			Semi automated dialyzer cleaning station for positive Hepa		-
			• Frame Material: 800mmHx800mLx260mmW Panel Box Type (PVC materials)		-
			• One (1) unit Dialyzer Testing Parameters @ Maximum Pressure 8-14 PSI		-
			• One (1) unit adjustable 15-35 PSI Pressure Regulator Valve.		-
			• PVC Pipe and Fittings		-
			• One (1) unit 30 Liters Polyethylene Chemical Tank		-
			• Four (4) units Dialyzer Quick Connect with Dialyzer Holder		-
			• One (1) unit Chemical Pump		-
			CE Certified S/S Solenoid Valve for Dialyzer Cleaning Procedure		-
			• Electrical Control System		-
			• CE Certified S/S Solenoid Valve for Dialyzer Filling Chemical		-
			• CE Certified S/S Solenoid Valve for Auto Reverse Ultra-Filtrate		-
			• Programmable Rievtech PLC 110-240VAC 16 Digital Input and 10 Digital Output		-
			• Illuminated Push Button Switch Green (rinsing procedure)		-
			• Illuminated Push Button Switch Red (filling chemical)		-
			• Reverse Ultra Filtrate LED Indicator Yellow		-



			• 250ml Plastic Graduated Cylinder		-
4	12	units	Dialysis Chair	84,000.00	1,008,000.00
			• Cushioned, reclining chair		-
			Redina-Rocker		-
			• Colored leather match		-
			• Overall dimensions: Approx. 40.50" H x 33.50"W x 36.50" D		-
			• Strong frame construction		-
			• Back and legrest work together or operate independently for the most reclining positions		-
			• Total body and lumbar support		-
			• Three-position locking legrest		-
			• Adjustable back and largest tension		-
5	1	unit	Reverse Osmosis System, Single Pass	1,975,000.00	1,975,000.00
			600 GPD First Reverse Osmosis System		-
			2 units alternating 2 HP Reverse Osmosis Multi Stage Vertical Pump (Operating pressure at 200 to 250 PSI)		-
			3 units 4040 FRP pressure membrane vessel		-
			3 Units 4040 Thin film Membrane with large spiral design		-
			Fiber glass construction		-
			End entry connections		-
			Full range of diameter and pressure ratings		-
			High resistance to chemical and high level of chlorides		-
			True lock integrated locking system		-
			2 units Panel mounted Flow Meter (0-10 GPM)		-
			1 Unit 1000 liters Polyethylene pure water storage tank		-
			2 units Dial Stainless 350 and 150 PSI Oil Pressure Gauges		-
			1 Unit Pressure Regular Control Valve 1" NPT S/S 316		-
			stops the RO pump		-
			1 unit Automatic Shut-off Solenoid Valve 1"NPT		-
			1 unit Auto Flushing Solenoid valve 1/2 "NPT		-
			The RO system Stainless Steel Full Skid		-
			Equipped with sampling port for pure water sampling		-
			Free-Treatment Equipment		-
			1 unit 13"x54" Multi-Media FRP Tank		-
			2 Units 13"x54" Granulated Activated Carbon FRP Tank. Must include manual/automatic timer		-
			1 unit 13"x54" Water Softener FRP tank with Manual/Automatic Backwashing Head		-
			Sampling Port for Multi-Media, Carbon and Water Softener filter		-
			1 set polyethylene 1500 liters Raw Water tank with float valve		-
			1 set polyethylene 1500 liters Raw Water tank with float valve		-
			1 Unit digital conductivity meter (TDS meter for 1st stage pure water product)		-
			2 units automatic pump control		-
			2 units alternating 1.5 HP Single Phase RAW Water Multi Stage Horizontal S/S Pump head back-up system		-
			Complete Piping using Scheduled 40 PVC Pipe, Ball Valves and Fittings		-
			Stainless Steel Fitting		-
			Distribution System		-
			1 Unit 1000 liters Polyethylene pure water storage tank		-
			2 units 1.5HP S/S head distribution Pump (220VAC Single Phase)		-
			2 units automatic pump control		-
			1 unit Twenty (20) inches Filter housing with .2 Micron Filter		-
			1 Unit 6 GPM Ultra Violet Lamp		-
			Electrical Control System		-
			1 unit Control Panel Box		-
			2 sets Programmable logic Control for System auto and manual operation and alarm Application		-
			2 sets Programmable logic Control for System auto and manual operation and alarm Application		-
			Auto alternate operation		-
			Fill up signal on delay		-
			Pure water auto recirculation		-
			Low and high pressure alarm		-
			Reverse osmosis flushing		-
			Reverse Osmosis flushing		-
			4pcs selector switch, 3 position Operation:		-



			4pcs selector switch, 3 position Operation:		-
			Raw water pump select		-
			Reverse Osmosis pump select (first pass)		-
			Pure water pump select		-
			Mode ( Auto/Manual)		-
			3pcs illuminated pushbutton		-
			Manual Pump on/off		-
			Switch for manual recirculation system		-
			Magnetic starter (fuji) for pumps on/off control		-
			Over load relay (fuji) for pump motor over current protection		-
			Omron timer Application		-
			Omron timer Application		-
			Automatic power on delay		-
			Reverse Osmosis flushing		-
			Relay application		-
			Relay application		-
			Pump tripped auto cahngsover		-
			1 unit Automatic Shu-off Solenoid Valve 1"NPT		-
			Automatic power on delay		-
			UV supply		-
			Level Control		-
			2 stes Programmable logic Control for System auto and manual operation and alarm Application		-
			Indicators (LED) for on/off level, status, pressure and abnormality		-
			Emergency stop for safety		-
			5pcs circuit breaker		-
			Royal cord wire		-
6	1	unit	Bicarbonate Mixer	134,000.00	134,000.00
			1 unit "Mix Flow agitator pump with propeller"		-
			1 unit 100 liters polyethylene tank with S/S base		-
			Electrical control with panel box		-
			PVC pipe and fittings		-
7	1	unit	Dialyzer Rack	164,000.00	164,000.00
			Made by marine plywood casing with laminate finish		-
			Dialyzer rack made by PVC plate good for 140 dialyzers		-
			Sliding glass door		-
			1. Bidder must provide certificate of exclusive or authorized distributorship for the Hemodialysis equipment being offered and that they are the authorized distributor for this bid.		-
			2. Bidder shall submit certificate of satisfactory performance for the installation of dialysis equipment form at least three (3) Local Government Units within the past five (5) years. Certificate issued and must be signed by the Authorized Officer of the Department or Section with contact number for verifications.		-
			3. Bidder must have track record of having supplied and successfully installed various medical equipment in the following: a National GOCC hospital, two (2) LGU hospitals in Metro Manila and two (2) private institutions witin the past five (5) years. Bidder must provide a list with contact numbers of the institutions.		-
			4. Certificate of guarantee of the prospective bidder shall conduct in-house applications training by a qualified trainer of staff with issuance of applications training certification for all equipment delivered.		-
			Note:		-
			Period of Delivery: 20-30 Days upon the receipt of the NTP/PO		-

		Place of Delivery: Garcia Memorial Provincial Hospital, Talibon, Bohol	
		X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X	
		Total >>>>>>>>>.	21,886,000.00 VVVVVV
(total amount in words)	<b>TWENTY ONE MILLION EIGHT HUNDRED EIGHTY SIX THOUSAND PESOS ONLY</b>		
In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one (1) percent for everyday of delay shall be imposed.			
Conforme:		Very truly yours,	
 <b>Herbert Tolentino</b> <b>SUNFU SOLUTIONS INC.</b> Signature over printed name of Supplier <u>24 JUN 2021</u> Date		<b>ATTY. ARTHUR C. YAP</b> Governor  By Authority of the Governor  <b>ATTY. KATHRINE D. PIOQUINTO</b> Provincial Administrator	
Funds Available:	Date Approved:		
EUSTAQUIO A. SOCORIN Provincial Treasurer	Earmarked No. : 1482 Amount : P 21,935,000.00		