

# REPUBLIC OF THE PHILIPPINES Department of Health

## NATIONAL CENTER FOR MENTAL HEALTH

Nueve de Febrero Street, Mandaluyong City, Philippines

### **BIDS AND AWARDS COMMITTEE**

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# SECTION VII TECHNICAL SPECIFICATIONS

ITB No. CS-08-2024

**INSTRUCTION:** Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a) (ii) and/or GCC Clause 2.1(a)(ii).

ITEM	****			SF	ÞΕ	CI	FICATI	0	N					STATEMENT OF COMPLIANCE
1 Lot	CAL HC	IBRA SPITA	BIDDING FO TION OF VA AL, CLINICAL RATORY SEC	RIO L	OU AB(	S N OR	/IEDICAI	L E SE	QI CT	UI IC	PI )N	VENT (G , ANATO	SENERAL OMICAL	
	GENI	ERAL	HOSPITA	L:		******	14 2 4 4 4 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5	1249340		1 1 N N		EDV PERSON SERVICES	Philippe and the later	29 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
			BRATION PARAMETER (antitative inspection)	s				PA				MAINTENANC e inspection)	<u> </u>	
	(1) = ELEC (2) = VOLU (3) ≃ FLOV (4) = SPEE (5) = TISMS	IME V/PRESSUI ID					(4) = ELECTR	IIGAL IONA ICAL	INS L/FL	PEC JNC APO	TIO!	N IALITY INSPECT T INSPECTION EXTERIOR EXI		
	QUANTITY	UNIT OF	EQUIPMENT DESCRIPTION DETAILS	_		(Quan	PARAMETERS (italive) of Works  CTHERS (Diease specify)	ļ.,	<del>-</del>	(	Qual	MAINTENANCE tative) of Works O'THERS (please specify)	SERVICE FREQUENCY	
	3	Unit	ABG Machine	1			PO2, PCO2	-	1.	-	-	- (Lindan species)	Semi-Annual	
	2	Unit	Anesthesia Machine	7	-		Breath Rate, I:E retio	~	- .	-	~	-	Sem⊢Annual	
	4	Unit	Vaporizer				Gas Concentration	-	•		~	-	Semi-Annual	
	2	Unit	Autoclave	1	-	- 1	-	1		+	1		Annual	
	204	Unit	BP Apparatus  BIPAP Machine		~	-			-			<u>.</u>	Annual	
	14	Unit	Cardiac Monitor	~	~	ĺ	SpO2 %, NIBP, Rate	~		+	~	-	Semi-Annual	
	6	Unit	Defibrillator	•			Energy (Joules)	~		1	~	-	Semi-Annual	
	19	Unit	ECG Marchine	*			Paper speed, Rate (bpm)	-	,	-	1		Semi-Annual	
	1	Unit	ECT Matchine	1			Rate (bpm)	-	-	1	-	<b>-</b>	Semi-Annual	
	3	Unit	Electro Surgical Unit	-			Watts (Cut-Coag)	-		/	-	-	Semi-Annual	
	7	Unit	Fetal Doppler			1	Rate(bpm)	7	٦,	17	~		Semi-Annual	

16	Unit	High Flo	/		1			-	1			i	1	-	Semi-Annual
1	Unit	Infant Weighing		-	:			Weight	1	1	/		1	-	Annual
1	Unit	Infant Incubator	1		   		1		<b>~</b>	1	1	~	1	*	Semi-Annual
11	Unit	Infusion Pump	/	1	1			Flow Rate	1	,	-	1	1	•	Semi-Annual
24	Unit	Mechnical Ventilator	/	,	•			Breath rate(bpm), I:E Ratio, Oxygen percentage	1	,	~	,	J	-	Semi-Annual
1	Unit	Mixing Machine	1			1		-	1	1	1	/	~		Annual
42	Unit	Nebulizer			1				1	1	1	1	1		Annua)
1	Unit	OR Lights	,					Muminance	/	,	1	,	1	-	Semi-Annual
278	Unit	Oxygen Regulator with Flow Meter		_	1			-	1	1	1		1	-	Annual
6	Unit	Phrama Refrigerator	7				1	-	1	1	1	~	1	-	Annual
1	Unit	Portable Ventilator (Ambulance)		1	¥			Breath rate(bpm), I:E Ratio, Oxygen percentage	¥	,	~	~	·	•	Semi-Annual
14	Unit	Suction Machine			1			-	*	~	1	,	✓	•	Annual
32	Unit	Thermohygrometer					1	•	1		✓	1	1	•	Annual
1	Unit	Ultrasound	·					Axial and Lateral resolution, Distance	1		1	~	~		Annual
2	Unit	U∀Light	1					UV Irradiance	1		1	1	•	•	Annual
73	Unit	Weighing Scale						Weight	<b>,</b>	<b>~</b>	✓		,	<b>L</b>	Annual

### ADDITIONAL DETAILS FOR SCOPE OF WORKS

- e Perform preventive mainten ance including qualitative evaluation, adjustment, system performance test, software and hardware updates and replacement of PM parts/kit if necessary. Any consumables to be used during the test will be provided by the service provider such as reagents/solutions/ machine supplies (e.g. Isoflurane/sevoflurane /films/patch/lubricants etc.)
- Perform Calibration/verificat ion which include quantitative evaluation using calibrated test equipment/tools
   Cleaning, lubricating and perform minor hardware or software repair if necessary

e Application of preventive maintenance and calibration stickers which indicates PM and calibration date and due date

#### TERMS OF REFERENCE

- Service provider must have an existing physical calibration facility / laboratory in the Philippines
   All service shall be done at the National Center for Mental Health facilities
   Service provider should coordinate with Medical Equipment Maintenance Unit before and after the preventive maintenance and other services
   Medical equipment found defective prior to the preventive maintenance and calibration procedure will not be included in the payment.

- Medical equipment found defective prior to the preventive maintenance and calibration procedure will not be included in the payment
   Service provider must have full-time certified biomedical technicians with NCII certificates of Biomedical Equipment Servicing or engineer with PRC license
   Service provider shall provide the following:
   Current, valid and National Institute of Standards and Technology (NIST) traceable certificate of calibration or other international standards for the test/calibration equipment to be used.
   FOUR (4) copies of completed Service Report for minor repair or for the medical equipment may found defective.
   FOUR (4) copies of completed Preventive Maintenance Report and Calibration Certificate for each equipment which includes qualifative and quantitative data compliant with ISO 9001 documentation.
   Current and Valid Training Certificates of technicians/engineers who performed the services
   Proof of ownership for the test/calibration equipment.
   ISO Certification related to calibration or other technical services

CHECKED AND EVALUATED BY	APPROVED BY
John Weil Q. De Leon	- D. J.
MEDICAL EQUIPMENT MAINTENANCE UNIT	CHIEF, FACILITIES AND EQUIPMENT MAINTENANCE SECTION

### **CLINICAL LABORATORY EQUIPMENT:** CALIBRATION PARAMETERS PREVENTIVE MAINTENANCE (Quantitative inspection) (1) - ELECTRICAL SAFETY TESTING (1) = PHYSICAL INSPECTION (Z) = MECHANICAL INSPECTION (3) = OPERATIONALIFUNCTIONALITY INSPECTION (4) > ELECTRICAL COMPONENT INSPECTION (6) ≈ YEMPERATURE (5) = CLEANING INTERIOR AND EXTERIOR EX CALIBRATION PARAMETERS (Quantitativa) Scope of Works PREVENTIVE MAINTENANCE EQUIPMENT DESCRIPTION/ DETAILS UNIT OF ISSUE (Qualitative) Scope of Works 1 2 3 4 5 1 2 3 4 5 iological Refrigovato (agle door) ioor) al Refrigerator x x x x x logical numbers able door) abytical Balance, Digital, рć x x x x x x utoclave, hench sop, ainless steel, 401, ca ptoclave, flour type, ainless steel, 10001. To include time calibration To include time calibration contribute Stological Safety Cabinet, Class II, Type A2, Anti UV compared glass Centrifuge, Chaical, bench top, 24 placer Contribuge, Chriscal, benefit opp, 24 place; Centribuge, Clinical, benefit opp, 17 place; Water bash, Digital Temp, 24 place; Dayling Oven, 17 place; Dayling Oven, 18 place; pc \* x x x x oc x x x x x Mechanical Relator, hence pc x x x x x top Vortex Shaker, 1 unit ः विशेषकोशोशोस्यः भाग्ये । १४० वर्षकार्यः वर्षकार्यः वर्षकार्यः । MUM REQUIREMENTS FOR GENERAL EQUIPMENT/ HIGH-END AND CRITICAL EQUIPMENT Perform preventive maintenance including qualitative evaluation, adjustment, system performance test, software and hardware updates and replacement of PM parts/kit's if necessary. haroware upoaces and represented to rem parkays in increasing. Ferform calibration and verification which include quantitative evaluation using callbrated test equipment. Cleaning, lubricating and perform minor hardware or software repair if necessary. Application of preventive maintenance and calibration stickers which indicates PM and Calibration date and due date. TORRIED MADRICANAS Onsite calibration and preventive maintenance Conduct performance verification of laboratory equipment Conduct calibration with participation of Hospital in-charge technicians/employee on site Provide PMS stickers on all equipment indicating PMS and calibration date Submit report/findings and recommendations on all equipment Submit calibration certificate and service report indicating status of each unit seven (7) days after service Submits certificate of all calibration tools used for the calibration of equipment Any damage on equipment incurred during the conduct of PMS/Calibration shall be paid by the service provider Trained service engineers – training certificates from accredited training centers shall be submitted NOTE: For the following equipment, service provider shall provide current and valid certificate of distributorship and/or certificate of exclusivity namely: 1. VITEK 2 compact: Automated Microbial Identification and Susceptibility testing System 2. COBAS e-411. Automated Immunology Analyse. 2. COBAS e-411. Automated Immunology Analyse. 3. Mindray C3100 - Automated Coagulation Analyzer नस्त्रम्**स्तर**्द्रक - LIME ------Jonnelly Ann L. Westing RMT, MMHoA ("niet" Medical per Impulgiaz REQUESTING OPFICER Frank Authory E. Panganiban, MD, MMHoA, DPSP Officer in-Charge CHIEF OF SECTION 547 Sec. 12, 40 Laftle 10 11/01/13 -- OHN WEST CHIEF, FACILITIES AND EQUIPMENT MAINTENANCE SECTION MEDICAL EQUIPMENT MAINTENANCE UNIT

(1) = Ei (2) = V	ECTRICA	(QL	BRATION PARAMETE Janutative inspection) AFETY TESTING					(1) * PHYS	ICĂL.	INE	(C	CT	itet Kön	E MAINTENANC				
(3) ≃ FC (4) = 8F	OW/PRE							(3) * OPER (4) = ELEC (5) = CLEA										
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1	Uni		Autometic Tissue Processor "Leice"		2	3	•	(please apac		+	+	+	4 1	(please specify)	Annual			
1	Uni		TP1020 SN#4258 Cryostat "Leica" CM1850 SN# 2068	t	H		+		٦,	1.	+	+	+		Annual			
1	Unii		Rotary Microtome "Leica "HM 2125RT SN# 11981	-			Ť		+,		,	,	, ,		Annual			
1	Unit		Gross Pathology Station Jr. Thermo Scientific Instruments, SHANDON, SN#9601110502	-					1		1	/			Annual			
1	Unit		Tissue Embedding Station, Sakura Brand, Model tec Cro Module, SN#52360144, SN#62370144	/			-	,	-			-			Annual			
1	Unit	ľ	SN#62370144 One (1) Body Cadaver Refrigerator Model ANGELANTONI, SN# 64294	,				1	1	-	1.	-	,		Annuel			
1	Unit	_	wo (2) Body Cadaver Refrigerator, Model CEARIS, SN# CLF22146						-	,	/				Annual			
	Unit	١,	MORTECH, SN#7467, SN# 08183 Microscope, 3 Header	~		-	-  -		1	-		- -	~		Annual			
1	Unit		with Scientific Digital Camera, 8X43 LED, 3 headers and DP 22, SN#6H46220 dicroscope, Olympus,	-		1	-	ļ	1	-	-	- - - -	-		Annuai			
3	Unit	2	Model CX31, SN# L31743, Model CX21 LED SN#0 L83174,	_		1	-		<u> </u>	-		_	-		Annual			
		4	Odel CX21   SN# 1AE10- lectric Bone Autopsy	7	_	-	I		1	1	_ +	+						
2	Unit		5aw SN# 1485, SN# 19402-133	~		$\downarrow$			1		1	/	,		Annual			
1	Unit	1	Paraffin Oven, Model 9071A, PN# L-407424	~			1		_			/ -	-	1000-1446	Annual			
1	Unit	L	/ater Floatation Bath, "THERMO BD" SN#SB1028C1009	~			_					/	/		Annual			
2	Unit		hermometer, digital and analogue Veighing Scale, Fuji.	1	Ţ	T	1		1		1,		-		Annual			
2	Unit	1	Fop Loading digital, SN# A10202149, SN#S1610085	-					1	L	1	1		: 	Annual			
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3.	Rotary Tissue	proc	Contraction (Contraction (Contr								-		14.475	142				
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		BRATION PARAMETE uentitetive inspection						,				VE MAINTENAM Uve Inspection)	
(2)= VOL: (3) = FLO (4) = SPE	UME W/PRESSU						(4)=ELECTRIC	CAI ON/ CAL	LIFE COI	PE JN	CTIC OTIC	ON INALITY INSPEC NT INSPECTION ID EXTERIOR EX	
QUANTITY	UNIT OF ISSUE	EQUIPMENT DESCRIPTION/ DETAILS	<u>_</u> _	s	COD COD	enti	PARAMETERS (ative) Works	-	-,	8	(C)u	MAINTENANGE ablution) of Works	SERVICE FREQUENCY
11	Unit		$\vdash$	2 3	┡	5	(please specify)	L	+	3	+	(please specify)	<del> </del>
	Unit	Dental Chair  Autoclave Machine	~		-	-	-		-	٠	1	-	Semi-Annual
	Unit	UV Dry Heat	·				· <del>-</del>	ľ	/ ·	+		ļ	Annual
9	Unit	Sterilizer Ultrasonic Scaler		-					,	+			Semi-Annual Semi-Annual
	Unit	Light Cure Machine	~	+	-	-		,	,	+	-	ļ	Semi-Annual
7	Unit	Extra Oral Suction Mechine		-	~	~	-			1,		Replacement of	
2	Unit	Intra Oral Suction		· -	,				-  -	1	1	Replacement of	
		Machine		Ļ	-			Ĺ	<b>*</b>	1		all Filters	Semi-Annual
1	Unit	Dental X-ray	-	-		· !		•	~ ~	-	+-		Semi-Annual
7	Unit	Micromotor Unit	-	1				~	-	1	+	Replacement of	Semi-Annual
9	Unit	Contra Angle handpiece	~				-	•	-	1	1	bearing with 6 mos warrenty	Semi-Annual
9	Unit	High Speed handplede	~		~		-	•	-		1	Replacement of bearing with 6 mos warranty	Semi-Annual
7	Unit	Surgical handplece	-		-			~	,		-	Replacement of bearing with 6 mos, warranty	Semi-Annuel
7	Unit	BP Apperatus		-		i	-		,	1	-	-	Annual
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Conformed by:

Authorized Representative's Signature over printed name

Date: \_\_\_\_\_