



CENTRALIZED BIDS AND AWARDS COMMITTEE (CenBAC)

SUPPLEMENTAL BID BULLETIN NO.1

For ITB No. 2024-0036-CSL

PROCUREMENT FOR THE CALIBRATION, PREVENTIVE
MAINTENANCE AND RECERTIFICATION OF VARIOUS LABORATORY
EQUIPMENT OF COMMON SERVICES LABORATORY (CSL) - ALABANG
TESTING AND QUALITY ASSURANCE LABORATORY (ATQAL), CEBU
TESTING AND QUALITY ASSURANCE LABORATORY (CTQAL), DAVAO
TESTING AND QUALITY ASSURANCE LABORATORY (DTQAL), AND
PHYSICS LABORATORY SUPPORT DIVISION (PLSD)

04 April 2024

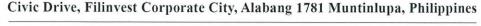
In response to the issues/ concerns raised during the Pre-Bid Conference held on 02 April 2024, for the above mentioned ITB, hereunder are the amendments, clarifications and recommendations.

Refer to the comparative table given below for the previous (from) and revised (to) specifications:

A. SECTION I. INVITATION TO BID

FROM	ТО				
2. The Food and Drug Administration now	2. The Food and Drug Administration now				
invites bids for the above Procurement	invites bids for the above Procurement				
Project. Delivery of all the Goods is required	Project. Delivery of all the Goods is				
to be not more than Thirty (30) calendar	required to be not more than Thirty (30)				
days after receipt of Purchase Order (PO)	calendar days after receipt of Purchase				
except for item nos. 6 and 109 which is Sixty	Order (PO) except for:				
(60) calendar days after receipt of	a) Item no. 6: not more than Seventy -				
PO. Bidders should have completed, within	Five (75) calendar days after receipt;				
Five (5) Years from the date of submission	b) Item nos. 42 to 46, 52, 54, 58 – 72, 74 –				
and receipt of bids, a contract similar to the	76, 82 - 86, 88 - 93, 95 - 97, 101, 114 - 117				
Project. The description of an eligible bidder	and 149: not more than Ninety (90)				
is contained in the Bidding Documents,	calendar days after receipt of PO; and				
particularly, in Section II (Instructions to	c) Item no. 109: not more than Sixty (60)				
Bidders)	calendar days after receipt of PO. Bidders				
	should have completed, within Five (5)				
	Years from the date of submission and				
	receipt of bids, a contract similar to the				
	Project. The description of an eligible				
	bidder is contained in the Bidding				

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Documents,	particularly,	in	Section	II
(Instructions	to Bidders)			

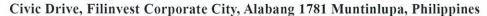
B. SECTION VI. SCHEDULE OF REQUIREMENTS (See Annex for detailed information)

Item numbers	Delivery	Delivered,	Delivered,
	Addresses	Weeks/Months (FROM)	Weeks/Months (TO)
2, 4, 5, 7, 8, 11, 14, 16, 19, 22, 24-29, 32-34, 36, 40, 50, 51, 55-57, 80, 87, 94, 100, 102-104, 108, 110, 112, 120, 122-133, 138-142, 145, 147- 149	ATQAL/PLSD	Not More than 30 CD upon receipt of P.O.	Not More than 30 CD upon receipt of P.O.
54, 58-68, 82, 83, 86, 88, 89, 90, 95, 96, 115, 116, 149		Not More than 30 CD upon receipt of P.O.	Not More than 90 CD upon receipt of P.O.
6		Not More than 60 CD upon receipt of P.O.	Not More than 75 CD upon receipt of P.O.
109		Not More than 60 CD upon receipt of P.O.	Not More than 60 CD upon receipt of P.O.
3, 10, 12, 17, 18, 20, 35, 37- 39, 48, 49, 99, 105, 113, 121, 134, 137, 143	CTQAL	Not More than 30 CD upon receipt of P.O.	Not More than 30 CD upon receipt of P.O.
69-72, 84, 91, 97		Not More than 30 CD upon receipt of P.O.	Not More than 90 CD upon receipt of P.O.
1, 9, 13, 15, 21, 23, 30, 31, 41, 47, 53, 73, 77-79, 98, 106, 107, 111, 118-119, 135, 136, 144, 146	DTQAL	Not More than 30 CD upon receipt of P.O.	Not More than 30 CD upon receipt of P.O.
42, 43, 44, 45, 46, 52, 74-76, 85, 92, 93, 101, 114, 117		Not More than 30 CD upon receipt of P.O.	Not More than 90 CD upon receipt of P.O.

OTHER REQUIREMENTS AND SCHEDULE OF DELIVERY

FROM	ТО
1. Supplier for Calibration service m an ISO 17025 accredited calib laboratory, or can demon traceability of measurement to International Systems of Units (Scopy of the scope of accredicindicating the specific calib service) shall be provided, who applicable	either be an ISO 17025 accredited calibration laboratory or be able to demonstrate traceability of measurement to the International Systems of Units (SI). A copy of the scope of accreditation

Mary













C. SECTION VII. TECHNICAL SPECIFICATION

Item no.	End-user	Particulars	FROM	ТО
118	DTQAL- COSTOX	Preventive Maintenance and Calibration of Microwave Digestion Unit Brand: Milestone Ethos One and Ethos Up E/C:001-002-000334;001-002-000855 End User: CosTox		Not More than 30 CD upon receipt of P.O.

Incorporation of brand and/model of each equipment. See Annex for detailed information

ENGR. ANA TRINIDAD F. RIVERA, MSc.

Chairperson, CenBAC

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ANNEX

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			Calibrat	ion			
			Air Sam				
	T ==== : -	T a 44		1			
1	DTQAL- MIC	Calibration of Merck MAS- 100NT Air Sampler Test Point: Air Flow Test Point (100 Liters/Minute)	Scope of Work must include the following, at a minimum: - Calibration of Air Sampler (Air Flow Measurement) - Perform Visual Examination - Perform Functional Checking	1	70,000.00	Not More than 30 CD upon receipt of P.O.	
			Thermom	eter			
2	ATQAL- MIC	Calibration of Thermometer Liquid in Glass Equipment Code: 051-051-001176 End User: Microbiology Section	N/A	Ad Ph	5,000.00	Not More than 30 CD upon receipt of P.O.	
3	CTQAL- MIC	Test Point(°C): 0, - 80, -75, -70, -60 Calibration of Thermometer Verification Thermometer (for ultralow freezer) Brand: Frio Temp Equipment Code: VSL-CAL-E-MIC- 0054-01 End User: Microbiology Section Test Point(°C): 0, -	N/A	1	5,000.00	Not More than 30 CD upon receipt of P.O.	
		80, -75, -70, -60	Barome	ter			
			Barome	ter			
4	PLSD	Calibration of Aneroid Barometer Brand: Sato	Calibration of Aneroid Barometer	6	45,000.00	Not More than 30 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. Technological Compliance Service Keiryoki SN: 36529, 36514, 36525, 36510 **Brand: Prazicions** SN: 68594, 98577 **Test Points:** Sato Keiryoki: 960 to 1020mbar Prazicions SN: 68594 - 720 to 765mmHg Prazicions SN: 98577 - 960 to 1020mbar Sato Keiryoki: 960 to 1020mbar Prazicions SN: 68594 - 720 to 765mmHg Prazicions SN: 98577 - 960 to 1020mbar 5 PLSD Calibration of Calibration of 1 8,000.00 Not More than 30 CD upon Aneroid Barometer Aneroid receipt of P.O. **Brand: Taylor** Barometer SN: 3362 Test points: 720 tp 765mmHg Multimeter PLSD Calibration of X-1. Both units shall 919,000.00 Not More than 2 6 ray Multimeter, be pulled out by 60 CD upon and returned at receipt of P.O Brand

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FOOD AND DRUG ADMINISTRATION

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Name/Model: Raysafe/Unfors X2 Equipment code: 146-114-001794; 146-116-001792 End User: PLSD	the same time by the duly authorized employee of the bidder. 2. Base unit and all detectors shall be calibrated by the accredited calibration laboratory of the manufacturer. 3. Warranty and calibration certificate shall be addressed to FDA and submitted to the PLSD. 4. Offer shall also include but not limited to shipping fee and other expenses relative to the calibration of the xray multimeters. 5. Calibrated units shall be subject to acceptance by the Health Physics Team. 6. Calibrated units shall be duly labelled by the calibration laboratory accredited by the manufacturer. 7. Delivery: 60 days	Add	minis	To Not More than 75 CD upon receipt of P.O.	
			Protract	or			
7	ATQAL- ANT	Calibration of Digital Protractor Brand/Model: Pro 3600 Equipment code: 116-051-001396 End User: Antibiotic	N/A	1	8,000.00	Not More than 30 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Test Points (°): 0, 0.5, 1.0, 2.0, 3.0, 4.0, 5.0, 10.0, 20.0, 30.0					
			Hand Refrac	tometer	r		
8	ATQAL- FDS	Calibration of Hand Refractometer Brand/Model: Atago ATC-1 Equipment code: 075-051-001762 075-051-001764 End User: Food Section Test Points: Brix 0%, 10%, 20%, 30% Test Points: Brix 0%, 10%, 20%, 30%	N/A	2	10,000.00	Not More than 30 CD upon receipt of P.O.	
9	DTQAL- FDS	Calibration of Hand Refractometer Brand/Model: Atago Master T Equipment Code:001-001- 000327.1 End User: Foods Test Points: Brix 0%, 10%, 20%, 30%	N/A I Drug	Adi PH	5,000.00	Not More than 30 CD upon receipt of P.O.	
10	CTQAL- FDS	Calibration of Hand Refractometer Brand/Model: Atago Master T Equipment Code: VSL-CAL-E-FDS- 0032-01 End User: Food Section Test Points: Brix 0%, 10%, 20%, 30%	N/A	1	5,000.00	Not More than 30 CD upon receipt of P.O.	
11	ATQAL- FDS	Calibration of Hand Refractometer Brand/Model: Atago N2	N/A	1	5,000.00	Not More than 30 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service Equipment code: 075-051-001766 End User: Food Section Test Points: Brix 30%, 40%, 50%, 60% 12 CTQAL-Calibration of Hand N/A 5,000.00 Not More than FDS Refractometer 30 CD upon receipt of P.O. Hand Refractometer **Brand/Model:** Atago Master 2T Equipment Code: VSL-CAL-E-FDS-0032-02 End User: Food Section Test Points: Brix 30%, 40%, 50%, 60% DTQAL-13 Calibration of N/A 5,000.00 Not More than **FDS** Hand 30 CD upon receipt of P.O. Refractometer **Brand/Model:** Atago Master-2T Equipment Code: 001-001-000328.1 End User:Foods Test Points: Brix 30%, 40%, 50%, 60% 14 ATQAL-Calibration of Hand N/A 5,000.00 Not More than **FDS** 30 CD upon Refractometer receipt of P.O. **Brand/Model:** Erma Tokyo No. 50045 Equipment code: 075-051-001768 End User: Food Section Test Points: Brix 60%, 70%, 80%, 90% 15 DTQAL-Calibration of Hand N/A 1 5,000.00 **FDS** Refractometer

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological	Statement of Compliance
						Service	
		Brand/Model; Alla				Not More than	
		France B-ATC Equipment Code:				30 CD upon receipt of P.O.	
		001-020-000329.1				<u>r</u>	
		End User: Foods					
		Test Points: Brix					
		60%, 70%, 80%, 90%					
			Colorime	eter			
16	ATQAL-	Calibration of	N/A	1	10,000.00	Not More than	
	COSTOX	Colorimeter Brand/Model:				30 CD upon receipt of P.O.	
		Hach DR 900				receipt of 1.0.	
		Equipment Code:					
		154-096-001920 End User:					
		Cosmetics-					
		Toxicology Section					
		Test points(nm):					
		420, 520, 560, 610	HM 4 14 C	1 4 14	34.4		
17	CTQAL-	Calibration of pH	oH Meter with Cond N/A	1	5,000.00	Not More than	
1 /	COSTOX	Meter with	IV/A		3,000.00	30 CD upon	
		Conductivity Meter	I Deud	Aa		receipt of P.O.	
		Brand/Model: Eutech PC700	Dina	ПL	HII IP	JINLL	
		Equipment Code:					
		CTQAL-CAL-E-					
		COS-0030-05 End User: Cosmetic					
		Section					
		Test points:					
		pH: 4, 7, 10					
		Conductivity 84,					
		1413, 12880 uS/cm pH Mete	 r with Conductivity	Meter	and TDS Meter	r	
18	CTQAL-	Calibration of pH	N/A	1	13,000.00	Not More than	
	FDS	Meter with				30 CD upon	
		Conductivity and TDS Meter				receipt of P.O.	
		Brand/Model:					
		Oakton 35610-10					
		Equipment Code: VSL-CAL-E-FDS-					
		0030-02					
		End User: Food Section					
		Beetion					

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service Test points: pH: 4, 7, 10 Conductivity: 84, 1413, 12880 uS/cm TDS: 100, 500, 1000 ppm **ISE Meter** Calibration of ISE 19 ATQAL-N/A 1 8,000.00 Not More than COSTOX Meter 30 CD upon Brand/Model: receipt of P.O. **ThermoScientific Orion 4-Star** Equipment code: 058-067-000744 End-User: Cosmetic-**Toxicology Section** Test points (mV): 20, 150, 300mV CTQAL-20 Calibration of Ion N/A 8,000.00 Not More than COSTOX Selective Electrode 30 CD upon Meter receipt of P.O. **Brand/Model: Eutech Ion 700** Equipment Code:CTQAL-CAL-E-COS-0074-01 End User: Cosmetic Section Test points (mV): 20, 150, 300mV 21 DTOAL-Calibration of ISE N/A 8,000.00 Not More than COSTOX Meter 30 CD upon **Brand/Model:** receipt of P.O. **Mettler Toledo Seven Compact** pH/Ion S220 Equipment code: 001-001-000851 End-User: Cosmetic-**Toxicology Section** Test points (mV): 20, 150, 300mV **Ultralow Freezer**

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service 22 ATQAL-Calibration of N/A 20,000.00 Not More than Ultralow Freezer MIC 30 CD upon receipt of P.O. Testing of Temperature-Controlled **Enclosures Brand/Model:** Panasonic MDF-433V **Equipment Code:** 018-066-001473End User: Microbiology Section Test points (°C): -70, -75, -80 20,000.00 23 DTOAL-Calibration of N/A Not More than MIC Thermoscientific 30 CD upon Ultralow Freezer receipt of P.O. Model: Forma 700 Series (-50 to -86°C) Testing of Temperature Controlled **Enclosures** Temperature Setting Range (°C): -50 to -86 Test points (°C): -70, -75, -80 Autoclave ATQAL-Calibration of N/A 10,000.00 Not More than 24 1 **EAH** 30 CD upon Autoclave receipt of P.O. **Brand/Model:** Hirayama HVP-50 Equipment Code: 021-067-001784 End Users: EAH/VBU Test points (°C): Temperature: 121 °C Pressure: 15 psi Time: 15 & 30 minutes 10,000.00 25 ATQAL-N/A Calibration of 1 **EAH** Autoclave

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Brand/Model: Hirayama HV-50 Equipment Code: 021-067-001454 End Users: EAH/VBU				Not More than 30 CD upon receipt of P.O.	
		Test points (°C): Temperature: 121 °C Pressure: 15 psi Time: 15 & 30 minutes					
26	ATQAL- MIC	Calibration of Autoclave Brand/Model: ALP CL-40M Equipment code: 021-058-001490	N/A	1	10,000.00	Not More than 30 CD upon receipt of P.O.	
		End User: Microbiology Section Test points: Temp 115, 118, 121			1//		
		°C Time 10 & 15 mins Pressure 15 psi	I Deum	Ad	minis	tration	
27	ATQAL- MIC	Calibration of Autoclave Brand/Model: Equitron SLEFA 7440 Equipment code: 021-086-001686 End User: Microbiology Section	N/A] -	10,000.00	Not More than 30 CD upon receipt of P.O.	
		Test points: Temp 121 °C Time 30 mins Pressure 15 psi					
28	ATQAL- ANT	Calibration of Autoclave Brand/Model: Equitron SLEFA 26524 Equipment code: 021-086-002030 End User: Antibiotic	N/A	1	10,000.00	Not More than 30 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service Temp: 121 °C Time: 15 & 30 mins Pressure: 15 psi 29 ATQAL-Calibration of N/A 10,000.00 Not More than 1 ANT Autoclave 30 CD upon **Brand/Model:** receipt of P.O. Tomy ES-315 Equipment code: 021-051-000876 End User: Antibiotic Temp: 121 °C Time: 15 & 30 mins Pressure: 15 psi Calibration of Not More than 30 DTOAL-N/A 20,000.00 MIC Autoclave 30 CD upon Temperature receipt of P.O. Controlled Enclosure Equipment Code: 001-010-000176 **Brand** name/Model: ALP CL-40M End user: Microbiology Section Test points: Temp: 115°C, 121°C Time: 10 & 15 Pressure: 15 psi Incubator DTQAL-Calibration of N/A 2 Not More than 31 20,000.00 MIC Incubator (Binder 30 CD upon BF 720) receipt of P.O. Temperature Controlled Enclosure Equipment Code: 001-010-000176 Test points: Temp: 115°C, 121°C Time: 10 & 15 Pressure: 15 psi **Rotary Evaporator**

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Republic of the Philippines Department of Health



FOOD AND DRUG ADMINISTRATION

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
32	ATQAL- DRG	Calibration of Rotary Evaporator Brand/Model: Buchi R205 Equipment Code: 048-051-001111 End User: Drug Section	N/A	1	8,000.00	Not More than 30 CD upon receipt of P.O.	
		Test Points (°C):					
33	ATQAL- FDS	35, 50, 55, 60 Calibration of Rotary Evaporator Brand/Model: Yamato RE-46 Equipment Code: 048-051-001108 End User: Food Section	N/A	1	8,000.00	Not More than 30 CD upon receipt of P.O.	
		Test Points (°C):					
34	ATQAL- FDS	35, 50, 55, 60 Calibration of Rotary Evaporator Brand/Model: Buchi R-215 Equipment Code: 048-051-001109 End User: Food Section	N/A	Ad Ph	8,000.00	Not More than 30 CD upon receipt of P.O.	
		Test Points (°C):					
35	CTQAL- FDS	35, 50, 55, 60 Calibration of Rotary Evaporator Rotary Evaporator Equipment Brand/Model: Heidolph HEI- Vap Advantage, Heizbad type 9 Code:VSL-CAL-E- FDS-0033-01 Brand/Model: Heidolph Hei-VAP Core CTQAL-CAL-E- FDS-0033-02 End User: Food Section	N/A	2	15,000.00	Not More than 30 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Test Points (°C): 50, 60, 90, 100 °C					
			Digestion	Unit			
36	ATQAL- FDS	Calibration of Digestion Unit Brand/Model: Buchi K365, K436, K415 Equipment Code: 076-042-002050 End User: Food Section	N/A	1	8,000.00	Not More than 30 CD upon receipt of P.O.	
		Test Points (°C): temperatures at thermostat setting					
		no. 8, 8.5 and 10	Dry Block I	Heater			
37	CTQAL- COSTOX	Calibration of Dry Block Heater Dry Block Heater Brand/Model: Techne DB 200/2	N/A	1	8,000.00	Not More than 30 CD upon receipt of P.O.	
		Equipment Code:CTQAL- CAL-E-COS-0073- 01 End User: Cosmetic Section] Drug	Ad PH	IILIP	PINES	
		Test points: 40 °C,					
		100 °C , 195 °C	Turbidity I	Meter			
38	CTQAL- COSTOX	Calibration of Turbidity Meter Turbidity Meter Brand/Model: Eutech TN-100 Equipment Code:CTQAL- CAL-E-COS-0075- 01 End User: Cosmetic Section	N/A	1	36,000.00	Not More than 30 CD upon receipt of P.O.	
		0.02 NTU, 20 NTU, 100 NTU 800 NTU	Calipe	r			

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service CTQAL-Calibration of N/A 5,000.00 Not More than 39 DRG 30 CD upon Caliper Digital Caliper receipt of P.O. Equipment Code: VSL-CAL-E-DRG-0059-01 End User: Drug Section Test points: 20 mm, 25 mm, 30 mm Flowmeter 40 ATQAL-Calibration of Flow N/A 1 15,000.00 Not More than **FDS** Meter 30 CD upon **Brand/Model:** receipt of P.O. Perkin Elmer PE 1000 Equipment Code: 174-064-002062 End User: Food Section Test Points: 100 ml/min, 200ml/min, 300 ml/min **Preventive Maintenance Electronic Balances** DTQAL-41 Scope of Work 29,000.00 Not More than Preventive ANT-DRG must include the 30 CD upon Maintenance of Microanalytical following, at a receipt of P.O. Balance minimum: **Brand: Mettler** -Checking and Toledo inspection of the Model: XP56 unit SN: B434939025 -Exterior and interior cleaning -Checking of power supply and connections -Checking of mechanical parts -Checking of electronic board 42 DTQAL-Preventive Scope of Work 3 51,000.00 Not More than ANT-DRG must include the 30 CD upon Maintenance of receipt of P.O. Analytical Balance following, at a **Brand: Shimadzu** To minimum: **Models: AUW** -Checking and 220D inspection of the

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Item **End-user Particulars** Scope of Work **Qty Total Price** Schedule of Statement of No. **Technological** Compliance Service **AUW 120** Not More than unit 90 CD upon **AUX 120** -Exterior and interior cleaning receipt of P.O. -Checking of power supply and connections -Checking of mechanical parts -Checking of electronic board 43 DTQAL-Scope of Work 14,000.00 Not More than Preventive COSTOX Maintenance of Top must include the 30 CD upon Loading Balance following, at a receipt of P.O. **Brand: Shimadzu** minimum: To Models: UW620H -Checking and Capacity: 620 g inspection of the Not More than unit 90 CD upon -Exterior and receipt of P.O interior cleaning -Checking of power supply and connections -Checking of mechanical parts -Checking of electronic board 44 DTQAL-Preventive Scope of Work 2 46,000.00 Not More than MIC Maintenance of Top must include the 30 CD upon Loading Balance following, at a receipt of P.O. **Brand: Shimadzu** minimum: To **Models:** -Checking and **UW4200H** inspection of the Not More than Capacity: 4200 g unit **90 CD** upon With Case -Exterior and receipt of P.O Assembly interior cleaning -Checking of power supply and connections -Checking of mechanical parts -Checking of electronic board 45 DTOAL-Preventive Scope of Work 15,000.00 Not More than Maintenance of Top **MIC** must include the 30 CD upon Loading Balance following, at a receipt of P.O. **Brand: Shimadzu** То minimum: **Models:** -Checking and **UW4200H** inspection of the Not More than Capacity: 4200 g **90 CD** upon unit -Exterior and receipt of P.O interior cleaning -Checking of

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FOOD AND DRUG ADMINISTRATION

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
46	DTQAL- MIC	Preventive Maintenance of Top Loading Balance Brand: Shimadzu Models: UW620H	power supply and connections -Checking of mechanical parts -Checking of electronic board Scope of Work must include the following, at a minimum: -Checking and	1	15,000.00	Not More than 30 CD upon receipt of P.O. To	
		Capacity: 620 g	inspection of the unit -Exterior and interior cleaning -Checking of power supply and connections -Checking of mechanical parts -Checking of electronic board			Not More than 90 CD upon receipt of P.O.	
			pH Met	er			
47	DTQAL- MIC	Preventive Maintenance of pH Meter Replacement of pH Electrode compatible to Mettler Toledo Item No: 30014096 pH electrode InLab Expert Pro- ISM Micro Equipment Code: 001-001- 000850, 001-001- 000851	Scope of Work must include the following, at a minimum: -Checking and inspection of the unit -Exterior and interior cleaning -Checking of power supply and connections -Checking of mechanical parts -Checking of electronic board -Installation of pH electrode -Performance test	3 Add D A	86,000.00	Not More than 30 CD upon receipt of P.O.	
	area : -		Fat Extraction	1			
48	CTQAL- FDS	Preventive Maintenance of Fat Extraction System Fat Extraction System Brand/Model: Gerhardt	SCOPE OF WORK:	1	82,000.00	Not More than 30 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Soxtherm SOX 416					
		Equipment Code: VSL-CAL-E-FDS- 0071-01	1.) External cleaning which includes covers and all panels				
		End User: Food Section	2.) Internal cleaning which includes mechanical, optical, and				
		Includes:	3.) Room temperature and humidity check 4.) Function and				
		PM kit	safety check 5.) Measurement of the internal voltages and adjustment if				
			necessary 6.) Checking of maintenance parts for wear and replacement if	A d	minis	tration	
		-ood and	necessary 7.) Replacement of consumable parts	3H	ILIP	DINFO	
			8.) Performance checking based on the specified criteria of the equipment				
			9.) Verification Check of Equipment				
40	OTTO 1.	D	Protein Analyzo	-		37 /34 4	
49	CTQAL- FDS	Preventive Maintenance of Protein Analyzer System	SCOPE OF WORK:	1	119,000.00	Not More than 30 CD upon receipt of P.O.	
		Protein Analyzer System Brand/Model: Gerhardt Equipment Code:	1.) External cleaning which includes covers and all panels 2.) Internal				
		VSL-CAL-E-FDS- 0072-01	cleaning which includes mechanical,				

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Item	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of	Statement of
No.	End-user	Tarticulars	Scope of Work	Qiy	TotalTite	Technological Service	Compliance
			optical, and	-			
			electronic parts				
		End User: Food Section	3.) Room temperature and				
		Section	humidity check 4.) Function and	=			
			safety check	=			
		Includes:	5.) Measurement of the internal voltages and adjustment if				
		PM kit	necessary 6.) Checking of				
			maintenance parts for wear and replacement if				
			necessary 7.) Replacement				
			of consumable parts				
			8.) Performance checking based on			tinn	
			the specified criteria of the equipment	Ad	minis	Larini	
		Food an	9.) Verification Check of	٦ŀ	ILIP	7 N C D	
			Equipment	no			
50	ATQAL-	Preventive	Scope of work) pe 1	10,000.00	Not More than	
30	MIC	Maintenance of Microscope Brand/Model:	must include the following, at a minimum	1	10,000.00	30 CD upon receipt of P.O.	
		Olympus CX43 Equipment Code: 047-066-001688 End User: Microbiology	-cleaning eye piece, objective, turret condenser and other lenses - check its				
		Section	diaphragm -greasing all moving mechanical parts				
51	ATQAL- ANT	Preventive Maintenance of Microscope	Scope of work must include the following, at a	1	10,000.00	Not More than 30 CD upon receipt of P.O.	
		Brand/Model: Olympus CX31 Equipment Code:	minimum -cleaning eye piece, objective,				
		047-066-001422	turret condenser				

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service and other lenses End User: Antibiotic - check its diaphragm -greasing all moving mechanical parts **Hardness Tester** 52 DTOAL-Preventive Scope of Work 52,000.00 Not More than ANT-DRG Maintenance and must include the 30 CD upon receipt of P.O. Technological following at a Services of minimum: Hardness Tester -Checking and To inspection of the **Brand** name/Model: Not More than unit 90 CD upon LOGAN HDT--Exterior and 300F interior cleaning receipt of P.O. -Checking of E/C: 001-003power supply and connections 000391 End User: Drug--Checking of Antibiotic Section mechanical parts -Checking of electronic board -Perform calibration procedure for load and distance TLC Visualizer Preventive Scope of Work 53 DTQAL-327,000.00 Not More than ANT-DRG must include the 30 CD upon Maintenance and Technological following, at a receipt of P.O. Services of minimum: CAMAG TLC 1unit Test Kit for Visualizer Extended IO/OO 1 unit E/C: 001-001-Professional 000454 Image End User: Drug-Enhancement **Antibiotic Section 1unit Quality Test** Plate Parts: 4 pcs. Holographic Light Tube short wave UV 254 nm, qualification sticker for IQ/OQ Light Tube long 1 lot qualification wave UV 366 nm, at end user's 8w facility Filter UV 254 Filver UV 366 **High Performance Liquid Chromatograph**

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FOOD AND DRUG ADMINISTRATION

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
54	ATQAL-COSTOX	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR: Shimadzu HPLC Prominence LC- 20AB Detector: PDA Equipment Code: 015-052-000709 End User: Cosmetic Section Parts Replacement: 1. HPGE PM Kit P/N: 228-59372-41 2. Rotor Deltrin, OP Loop P/N: 228- 38556-04 3. Rotor, 5PV Peek wide P/N: 228- 36923 4. Plunger Seal P/N: 228-35145	Scope of work must include the following, at minimum: '- External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check - Function and safety check - Measurement of the Internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - checking of power supply and connections - mechanical adjustments - Replacement of worn-out parts - Certification test	Add	252,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O	
55	ATQAL- ANT	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS	Scope of work must include the following, at minimum: - Installation of PM Kit	1	299,000.00	Not More than 30 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service REPLACEMENT - Inspection and FOR: general cleaning - Post-**Waters Alliance** performance and **HPLC** maintenance test **Detector: PDA** Equipment Code: 015-056-001436 End-User: ATQAL - Antibiotic Section Parts Replacement: 1. e2695 Separation Module Performance Verification Kit P/N: WAT270944 2. D2 PDA lamp 56 ATQAL-**PREVENTIVE** Scope of work 1 475,000.00 Not More than DRG MAINTENANCE, must include the 30 CD upon receipt of P.O. **HARDWARE** following, at CHECK, AND minimum: - Installation of **ADJUSTMENT** PM Kit WITH PARTS REPLACEMENT - Inspection and FOR: general cleaning - Post-Waters Alliance performance and **HPLC** maintenance test **Detector: PDA** Equipment Code: 015-056-001434 End-User: Drug Section Parts Replacement: 1. e2695 Separation Module Performance Verification Kit P/N: WAT270944 2. D2, PDA High **Brightness Lamp** PM Kit P/N: 201000281 3. 2690 Pressure Transducer P/N: WAT270966 4. Pump, Vacuum Degasser P/N: 700001352

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service ATQAL-PREVENTIVE 299,000.00 Not More than 57 Scope of work DRG 30 CD upon MAINTENANCE, must include the HARDWARE following, at receipt of P.O. minimum: CHECK, AND - Installation of **ADJUSTMENT** WITH PARTS PM Kit REPLACEMENT - Inspection and FOR: general cleaning - Post-**Waters Alliance** performance and HPLC maintenance test **Detector: UV-Vis** Detector Equipment Code: 015-056-001468 End-User: Drug Section Parts Replacement: 1. e2695 Separation Module Performance Verification Kit P/N: WAT270944 2. D2, TUV High **Brightness Lamp** PM Kit P/N: 201000281 58 ATQAL-**PREVENTIVE** Scope of work 1 252,000.00 Not More than DRG MAINTENANCE, must include the 30 CD upon following, at receipt of P.O. HARDWARE CHECK, AND minimum: '- External To **ADJUSTMENT** cleaning which WITH PARTS REPLACEMENT includes covers Not More than FOR: and all the panels. **90 CD** upon - Internal cleaning receipt of P.O Shimadzu HPLC which includes Prominence LC mechanical, **20AD** optical and **Detector: UV-Vis** electronic parts. Detector - Room Equipment Code: temperature and 015-052-000703 humidity check End User: Drugs - Function and Section safety check - Measurement of Parts Replacement:

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1. HPGE PM Kit

P/N: 228-59372-41

the Internal

voltages and

adjustment, if







Item **End-user Particulars** Scope of Work **Qty Total Price** Schedule of Statement of No. **Technological** Compliance Service 2. Rotor Deltrin, necessary OP Loop P/N: 228-- Performance checking based on 38556-04 3. Rotor, 5PV Peek the specified wide P/N: 228criteria of the 36923 equipment 4. Plunger Seal - Visual and P/N: 228-35145 safety check-up of instrument - checking of power supply and connections - mechanical adjustments - Replacement of worn-out parts - Certification test Scope of work 59 ATOAL-PREVENTIVE 369,000.00 Not More than ARS MAINTENANCE, must include the 30 CD upon HARDWARE following, at receipt of P.O. minimum: CHECK, AND **ADJUSTMENT** '- External To cleaning which WITH PARTS Not More than REPLACEMENT includes covers FOR: and all the panels. 90 CD upon - Internal cleaning receipt of P.O Shimadzu HPLC which includes Prominence LCmechanical, **20AB** optical and **Detector:** electronic parts. Fluorescence - Room Detector, Diode temperature and **Array Detector** humidity check - Function and Equipment Code: 015-052-000711 safety check End user: ARS Unit - Measurement of the Internal Parts Replacement: voltages and 1. HPGE PM Kit adjustment, if P/N: 228-59372-41 necessary 2. Power Supply - Performance checking based on (SPD-M20A) 3. Rotor Deltrin, the specified OP Loop P/N: 228criteria of the 38556-04 equipment 4. Rotor, 5PV Peek - Visual and wide P/N: 228safety check-up of 36923 instrument 5. Plunger Seal - checking of P/N: 228-35145 power supply and connections - mechanical

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Item	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of	Statement of
No.	Ziiu-usei	Tarticulars	Scope of Work	Qij	Total Trice	Technological	Compliance
						Service	F
			adjustments				
			adjustments - Replacement of				
			worn-out parts				
			- Certification test				
			Continention test				
60	ATQAL-	PREVENTIVE	Scope of work	1	332,000.00	Not More than	
	ARS	MAINTENANCE,	must include the	1	332,000.00	30 CD upon	
	111.5	HARDWARE	following, at			receipt of P.O.	
		CHECK, AND	minimum:'-				
		ADJUSTMENT	External cleaning			То	
		WITH PARTS	which includes				
		REPLACEMENT	covers and all the	\wedge		Not More than	
		FOR:Shimadzu	panels Internal			90 CD upon	
		HPLC	cleaning which			receipt of P.O	
		Prominence LC-	includes				
		20ABDetector:	mechanical,				
		Refractive Index	optical and			Leati∏∏	
		Detector, UV-Vis	electronic parts		minIS	II a Library	
		Detector	Room	Au		TIMES	
		Equipment Code: 015-052-000712	temperature and humidity check-	-11		JINLU	
		End user: ARS	Function and				
		UnitParts	safety check-				
		Replacement:	Measurement of				
		1.HPGE PM Kit	the Internal				
		P/N: 228-59372-	voltages and				
		412. D2 Lamp,	adjustment, if				
		L6585-02 P/N: 228-	necessary-				
		34016-023. Rotor	Performance				
		Deltrin, OP Loop	checking based on				
		P/N: 228-38556-	the specified				
		044. Rotor, 5PV	criteria of the				
		Peek wide P/N:	equipment-				
		228-369235.	Visual and safety				
		Plunger Seal P/N: 228-35145	check-up of instrument-				
		220-33143	checking of				
			power supply and				
			connections-				
			mechanical				
			adjustments-				
			Replacement of				
			worn-out parts-				
			Certification test				

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
61	ATQAL-DRG	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR: Shimadzu HPLC Prominence LC 20AD Detector: DAD Detector Equipment Code: 015-052-000691 End User: Drugs Section Parts Replacement: 1. HPGE PM Kit P/N: 228-59372-41 2. D2 Lamp, L6585-02 P/N: 228-34016-02 3. W Lamp P/N: 228-34410-91 4. Rotor Deltrin, OP Loop P/N: 228-38556-04 5. Rotor, 5PV Peek wide P/N: 228-36923 6. Plunger Seal P/N: 228-35145	Scope of work must include the following, at minimum: '- External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check - Function and safety check - Measurement of the Internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - checking of power supply and connections - mechanical adjustments - Replacement of worn-out parts - Certification test	Add	337,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	
62	ATQAL- DRG	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:	Scope of work must include the following, at minimum: '- External cleaning which includes covers and all the panels.	1	224,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service - Internal cleaning Shimadzu HPLC which includes **Prominence LC** mechanical, 20AD, 10ATPV, optical and electronic parts. **Amino Analyzer Equipment Code:** - Room 015-052-000702 temperature and End User: Drugs humidity check Section - Function and safety check Parts Replacement: - Measurement of 1. LPGE PM Kit the Internal P/N: 228-59372-48 voltages and 2. SIL-10AD adjustment, if Needle Seal P/N: necessary - Performance 228-33355-04 3. SIL-10AD 6PV checking based on Rotor Seal P/N: the specified 228-21217-97 criteria of the 4. Plunger Seal equipment P/N: 228-35146 - Visual and safety check-up of instrument - checking of power supply and connections - mechanical adjustments - Replacement of worn-out parts - Certification test ATOAL-PREVENTIVE 392,000.00 63 Scope of work Not More than ANT MAINTENANCE, must include the 30 CD upon following, at receipt of P.O. **INSTALLATION QUALIFICATION**, minimum: dis. **OPERATIONAL** '- External QUALIFICATION, cleaning which

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includes covers

and all the panels.

HARDWARE

CHECK, AND







Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
64	ATQAL- ANT	ADJUSTMENT WITH PARTS REPLACEMENT FOR: Shimadzu HPLC Prominence LC- 20AB Detector: UV-Vis Equipment Code: 015-051-000706 End user: Antibiotic Section Parts Replacement: 1. HPGE PM Kit P/N: 228-59372-41 2. D2 Lamp, L6585-02 P/N: 228- 34016-02 3. IQ/OQ for Hardware 4. Rotor Deltrin, OP Loop P/N: 228- 38556-04 5. Rotor, 5PV Peek wide P/N: 228- 36923 6. Plunger Seal P/N: 228-35145 PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT	- Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check - Function and safety check - Measurement of the Internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - checking of power supply and connections - mechanical adjustments - Replacement of worn-out parts - Certification test Scope of work must include the following, at minimum: '- External cleaning which	Add D H	332,000.00	Not More than 30 CD upon receipt of P.O. To	
		WITH PARTS REPLACEMENT FOR: Shimadzu HPLC Prominence LC- 20AB Detector: UV-Vis Equipment Code: 015-051-000707 End user: Antibiotic Section Parts Replacement:	cleaning which includes covers and all the panels. - Internal cleaning which includes mechanical, optical and electronic parts. - Room temperature and humidity check - Function and safety check - Measurement of			Not More than 90 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		1. HPGE PM Kit P/N: 228-59372-41 2. D2 Lamp, L6585-02 P/N: 228- 34016-02 3. Rotor Deltrin, OP Loop P/N: 228- 38556-04 4. Rotor, 5PV Peek wide P/N: 228- 36923 5. Plunger Seal P/N: 228-35145	the Internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - checking of power supply and connections - mechanical adjustments - Replacement of				
			worn-out parts - Certification test	\wedge			
65	ATQAL- ANT	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR: Shimadzu HPLC Prominence-i LC- 2030C Detector: UV-Vis Equipment code:: 015-052-001503 End user: Antibiotic Section Parts Replacement: 1. PM Kit P/N: 228-59372-46 2. Rotor Deltrin, OP Loop P/N: 228- 38556-04 3. Rotor, 5PV Peek wide P/N: 228- 36923 4. Plunger Seal P/N: 228-35145	Scope of work must include the following, at minimum: '- External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check - Function and safety check - Measurement of the Internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - checking of	Add	235,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service power supply and connections - mechanical adjustments - Replacement of worn-out parts - Certification test ATQAL-1 298,000.00 66 **PREVENTIVE** Scope of work Not More than **FDS** MAINTENANCE, must include the 30 CD upon **HARDWARE** following, at receipt of P.O. CHECK, AND minimum: To **ADJUSTMENT** '- External WITH PARTS cleaning which Not More than REPLACEMENT includes covers **90 CD** upon and all the panels. receipt of P.O. FOR: - Internal cleaning Shimadzu HPLC which includes Prominence LCmechanical, **20AB** optical and Detector: PDA and electronic parts. **CDD** - Room Equipment Code: temperature and 015-051-000688 humidity check End User: Food - Function and safety check Section - Measurement of Parts Replacement: the Internal 1. Rotor Deltrin, voltages and OP Loop P/N: 228adjustment, if 38556-04 necessary 2. Rotor, 5PV Peek - Performance wide P/N: 228checking based on the specified 36923 criteria of the 3. Plunger Seal P/N: 228-35145 equipment - Visual and 4. HPGE PM Kit

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P/N: 228-59372-41 5. Panel Assy (LC-

20AB) P/N: 228-

43200-43

safety check-up of

power supply and connections - mechanical adjustments - Replacement of worn-out parts - Certification test

instrument

- checking of







Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service ATQAL-PREVENTIVE 252,000.00 67 Scope of work Not More than **FDS** 30 CD upon MAINTENANCE, must include the HARDWARE following, at receipt of P.O. minimum: To CHECK, AND '- External **ADJUSTMENT** cleaning which WITH PARTS Not More than REPLACEMENT includes covers **90 CD** upon FOR: and all the panels. receipt of P.O. - Internal cleaning Shimadzu HPLC which includes Prominence LCmechanical, **20AD** optical and **Detector: UV-Vis** electronic parts. and RF - Room Equipment Code: temperature and 015-051-000689 humidity check End User: Food - Function and Section safety check - Measurement of Parts Replacement: the Internal 1. Rotor Deltrin, voltages and adjustment, if OP Loop P/N: 228-38556-04 necessary - Performance 2. Rotor, 5PV Peek wide P/N: 228checking based on 36923 the specified 3. Plunger Seal criteria of the P/N: 228-35145 equipment 4. HPGE PM Kit - Visual and safety check-up of P/N: 228-59372-41 instrument - checking of power supply and connections - mechanical adjustments - Replacement of worn-out parts - Certification test ATQAL-PREVENTIVE 252,000.00 68 Scope of work Not More than DRG MAINTENANCE, must include the 30 CD upon receipt of P.O. following, at HARDWARE CHECK, AND minimum:'-To **ADJUSTMENT** External cleaning WITH PARTS which includes Not More than REPLACEMENT covers and all the **90 CD** upon FOR:Shimadzu panels.- Internal receipt of P.O. **HPLC** cleaning which

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Item **End-user Particulars** Scope of Work **Qty Total Price** Schedule of Statement of No. **Technological** Compliance Service Prominence LC includes **20ABDetector:** mechanical, **PDA** optical and Equipment Code: electronic parts.-015-052-Room 000690End User: temperature and **Drugs SectionParts** humidity check-Replacement:1. Function and HPGE PM Kit P/N: safety check-228-59372-412. Measurement of Rotor Deltrin, OP the Internal Loop P/N: 228voltages and 38556-043. Rotor, adjustment, if 5PV Peek wide necessary-P/N: 228-369234. Performance Plunger Seal P/N: checking based on 228-35145 the specified criteria of the equipment-Visual and safety check-up of instrumentchecking of power supply and connectionsmechanical adjustments-Replacement of worn-out parts-Certification test 69 CTQAL-SINGLE 1 222,000.00 Not More than Scope of work COSTOX must include the **PREVENTIVE** 30 CD upon receipt of P.O. MAINTENANCE following, at a To & HARDWARE minimum: CHECK & ADJUSTMENT w/ Not More than **90 CD** upon **OPERATIONAL** receipt of P.O. QUALIFICATION **PART** REPLACEMENT FOR: Shimadzu HPLC - External **Prominence LC**cleaning which **20AD** includes covers and all the panels. Equipment Code: - Internal cleaning VSL-CAL-E-COSwhich includes 0017-01 mechanical, optical and

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electronic parts.





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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		End user: Cosmetic Section Replacement of Parts:	- Room temperature and humidity check - Function and safety check - Measurement of the internal				
		1. PM Parts Kit, Prominence HPGE P/N 228-59372-48	voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment				
		2. W Lamp P/N 228-34410-41 3. Rotor, 5PV Peek Wide P/N 228- 36923	- Visual and safety check-up of instrument - Checking of power supply and connections - Mechanical				
	GIMO AV		adjustments - Replacement of worn-out parts - Certification test	Ad	minis'	tration	
70	CTQAL- DRG	SINGLE PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT w/ OPERATIONAL QUALIFICATION OF:	Scope of work must include the following, at a minimum:	1 -	212,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	
		Shimadzu HPLC Prominence LC- 20AD Detector: UV-Vis Equipment Code: VSL-CAL-E-DRG- 0017-02	- External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and				
		End user: Drug Section	electronic parts. - Room temperature and humidity check - Function and safety check				

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Item **End-user Particulars** Scope of Work **Qty Total Price** Schedule of Statement of No. **Technological** Compliance Service Replacement of - Measurement of Parts: the internal voltages and adjustment, if necessary 1. PM Kit: P/N - Performance 228-59372-41 checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and connections - Mechanical adjustments - Replacement of worn-out parts - Certification test 71 CTOAL-SINGLE Scope of work 306,000.00 Not More than **FDS** PREVENTIVE must include the 30 CD upon following, at a receipt of P.O. **MAINTENANCE** To & HARDWARE minimum: CHECK & Not More than ADJUSTMENT w/ 90 CD upon **OPERATIONAL** receipt of P.O. QUALIFICATION AND PART REPLACEMENT FOR: Shimadzu HPLC - External Prominence L20cleaning which ADincludes covers **Detector: PDA** and all the panels. Equipment Code: - Internal cleaning VSL-CAL-E-FDSwhich includes 0017-03 mechanical, optical and electronic parts. End user: Food - Room Section temperature and humidity check - Function and safety check - Measurement of Replacement of Parts: the internal voltages and adjustment, if necessary

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service 1. PM Kit: P/N - Performance 228-59372-41 checking based on the specified criteria of the equipment 2. D2 Lamp for - Visual and SPD-M20A P/N safety check-up of 228-34016 instrument 3. W Lamp for - Checking of power supply and SPD-M20A P/N 228-34410 connections 4. Rotor 5PV Peek - Mechanical Wide P/N 228adjustments 36923 - Replacement of worn-out parts - Certification test 72 CTQAL-PREVENTIVE Scope of Work 100,000.00 Not More than FDS MAINTENANCE must include the 30 CD upon receipt of P.O. FOR: following, at a minimum: To Shimadzu HPLC - Installation of Nexera LC-PM Kit Not More than 40DXR 90 CD upon Equipment Code: receipt of P.O. - Inspection and CTQAL-CAL-E-General Cleaning FDS-0074-01 End user: Food - Postperformance and Section Maintenance Test Replacement of Parts: 1. SUS Filter Element with PTFE tubing (P/N: 228-45707-91) 2. Plunger Seal (UHP) with backup ring (P/N: 228-52711-93) 3. Air Filter element, non woven, for right panel (P/N: 228-35871-96) 4. Line Filter (P/N: 228-35871-96)

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		5. Needle Seal Assy (P/N: 228-64364- 42) 6. INJ-HPV pipe, inner diameter 0.3 (P/N: 228-64106- 42)		-			
73	DTQAL-COSTOX	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:Waters Acquity HPLC Detector: PDA Equipment Code: 001-005-000930 End-User: Cosmetic- Toxicology SectionReplacemen t of Parts:1.ARC QSM Performance Maintenance Kit2. ARC SM-FTN Performance Maintenance Kit3. Acquity PDA TUV 2489/2998 PM Kit	Scope of work must include the following, at minimum:- Installation of PM Kit and Lamp- Inspection and general cleaning- Post-performance and maintenance test	Add	483,000.00	Not More than 30 CD upon receipt of P.O.	
74	DTQAL- ANT-DRG	SINGLE PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT W/ PART REPLACEMENT FOR: Shimadzu HPLC Prominence Detector: DAD E/C: 001-003- 000858 End user: Pharma Section Replacement of	Scope of work must include the following, at a minimum: - External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check - Function and safety check	1	283,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	

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FOOD AND DRUG ADMINISTRATION

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Parts: 1. D2 Lamp P/N: 228-34016-02 2. LC-20AD PM Kit HPGE P/N: 228-59372-41	- Measurement of the internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and connections - Mechanical adjustments - Replacement of worn-out parts - Certification test				
75	DTQAL- ANT-DRG	SINGLE PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT w/ PART REPLACEMENT FOR: Shimadzu HPLC Prominence E/C: 001-003- 000894 End user: Pharma Section Replacement of Parts: 1. D2 Lamp P/N:228-34016-02 2. LC-20AD PM	Scope of work must include the following, at a minimum: - External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check - Function and safety check - Measurement of the internal voltages and	Add	283,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological	Statement of Compliance
		Kit LPGE P/N:228-59372-41	adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and connections - Mechanical adjustments - Replacement of worn-out parts			Service	
76	DTQAL- ANT-DRG	SINGLE PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT W/ PART REPLACEMENT FOR: Shimadzu HPLC Prominence E/C: 001-003- 000929 End user: Pharma Section Replacement of Parts: 1. D2 Lamp P/N: 228-34016-02 2. LC-20AT PM Kit LPGE P/N:228- 59372-48	- Certification test Scope of work must include the following, at a minimum: - External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check - Function and safety check - Measurement of the internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and connections	Add	274,000.00 minis ILLIP	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service - Mechanical adjustments - Replacement of worn-out parts - Certification test 77 DTQAL-SINGLE Scope of work 483,000.00 Not More than FDS must include the 30 CD upon PREVENTIVE receipt of P.O. MAINTENANCE following, at a & HARDWARE minimum: CHECK & - External ADJUSTMENT w/ cleaning which includes covers **PART** REPLACEMENT and all the panels. FOR: - Internal cleaning WATERS which includes **ACQUITY Arc** mechanical. **HPLC PDA and** optical and **RI Detector** electronic parts. S/N:F19VSM574N - Room E/C: 001-005temperature and 000908 humidity check End user: Foods - Function and Section safety check - Measurement of Replacement of the internal Parts: voltages and 1. ARC QSM adjustment, if Performance necessary Maintenance Kit - Performance checking based on (#201000317)2. ARC SM-FTN the specified criteria of the Performance equipment Maintenance Kit - Visual and (#201000353)3. Acquity PDA safety check-up of TUV 2489/2998 instrument - Checking of PM Kit (#201000281) power supply and connections - Mechanical adjustments - Replacement of worn-out parts - Certification test

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
78	DTQAL-FDS	SINGLE PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT W/ PART REPLACEMENT FOR:Agilent 1260 E/C: 001-061- 000748End user: Foods SectionReplacemen t of Parts:1. PM Kit for Ios/Quat/1220 pump PN: G1310- 687412. PM Kit for G1329B Autosampler PN: G1313-687193. Capillary, 100uL loop PN: 01078- 873024. Glass filter, solvent inlet PN: 5041-21685. Deuterium lamp with RFID for DAD/MWD, PN: 2140-0820	Scope of work must include the following, at a minimum:- External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check- Function and safety check- Measurement of the internal voltages and adjustment, if necessary- Performance checking based on the specified criteria of the equipment- Visual and safety check-up of instrument- Checking of power supply and connections- Mechanical adjustments- Replacement of worn-out parts- Certification test	Add	266,000.00	Not More than 30 CD upon receipt of P.O.	

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FOOD AND DRUG ADMINISTRATION

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
79	DTQAL- ANT-DRG	SINGLE PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT W/ PART REPLACEMENT FOR: Agilent 1290 UPLC E/C: 001-061- 000744 End user: Pharma Section Replacement of Parts: 1. PM kit for 1290 Quartenary Pumps PN: G4204-68741 2. Seal Wash PM Kit for 1290 Quat Pumps PN: G4204- 68741 3. PM Kit for HiP Sampler G4226A PN: G4226-68735 4. Frit For 1290 Pump Outlet Filter 2/pk PN: 5067- 5716 5. Metering device seal PE 1290 LC Sampler PN:0905- 1717 6. 2-pos/6 port, Rotor seal PN: 5068-0007 7. Loop cartridge 20 uL PN:G226- 60310 8. Glass filter, solvent inlet PN:5041-2168	Scope of work must include the following, at a minimum: -External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check - Function and safety check - Measurement of the internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and connections - Mechanical adjustments - Replacement of worn-out parts - Certification test	Add H	452,000.00	Not More than 30 CD upon receipt of P.O.	
		9. Deuterium lamp w.RFID for VWD PN: G1314-60101					

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
80	ATQAL- FDS	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:Waters XEVO TQ-S Micro, I-Class BSM and I-Class SM-FTN, Nitrogen GeneratorDetector: MS/MS Equipment Code: 015-056- 001846End User: Food SectionParts Replacement: 1. Xevo TQ-S Micro Performance Maintenance Kit (Rotary) P/N: 1760038502. I- Class BSM and I- Class BSM and I- Class SM-FTN PerformanceMainte nance Kit P/N: 201000260M3. Nitrogen Generator PM Kit P/N: 08- 9462	Scope of Work must include the following, at a minimum:- Installation of PM Kit-Inspection and General Cleaning-Post- Performance Maintenance Test	1 Adi	709,000.00	Not More than 30 CD upon receipt of P.O.	
			Performance Liqui	id Chro	matograph		
81	ATQAL- COSTOX	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR: Waters Acquity Equipment code: 015-056-001480 End User: Cosmetic- Toxicology Section	Scope of Work must include the following, at a minimum: - Installation of PM Kit - Inspection and General Cleaning - Post- performance and Maintenance Test	1	625,000.00	Not More than 30 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Parts Replacement: 1. QSM and SM-FTN Performance Maintenance Kit P/N: 201000233M 2. QDA Performance Maitenance Kit P/N: 201000309 3. 1 POWER SUPPLY, 400 WATT, 24 VDC 4. Nitrogen Generator PM Kit					
		P/N: 08-9462					
			Gas Chromat				
82	ATQAL-COSTOX	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR: Shimadzu Gas Chromatograph GC-2014 Equipment Code: 033-052-001010 End User: Cosmetic- Toxicology Section Parts Replacement: 1. PM Kit P/N: 221-76881-42 2. Case Assy, AOC-20i, 2014 P/N: 221-44530-82 3. Key Cover P/N: 221-70368 4. Under Cover P/N: 221-70369	Scope of work must include the following, at minimum: - External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check - Function and safety check - Measurement of the Internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - checking of power supply and connections			Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service - mechanical adjustments - Replacement of worn-out parts - Certification test 83 ATQAL-PREVENTIVE Scope of work 141,000.00 Not More than DRG MAINTENANCE, must include the 30 CD upon **HARDWARE** following, at receipt of P.O. CHECK, AND minimum: To '- External **ADJUSTMENT** cleaning which Not More than WITH PARTS REPLACEMENT includes covers 90 CD upon receipt of P.O. FOR: and all the panels. - Internal cleaning Shimadzu Gas which includes Chromatograph mechanical, GC-2014 optical and Equipment Code: electronic parts. 033-051-001018 - Room End User: Drugs temperature and Section humidity check - Function and Parts Replacement: safety check 1. PM Kit P/N: - Measurement of 221-76881-42 the internal 2. Rotary Pump Oil voltages and 2L P/N: 017-30163adjustment, if 11 necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and connections - Mechanical adjustments - Replacement of worn-out parts - Certification test

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
84	CTQAL- COSTOX	SINGLE VISIT PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT w/ OPERATIONAL QUALIFICATION FOR:	Scope of work must include the following, at a minimum:	1	194,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	
		Shimadzu GC- 2010 Plus	- External cleaning which includes covers and all the panels.				
		Equipment Code:VSL-CAL-E- COS-0015-01	- Internal cleaning which includes mechanical, optical and electronic parts.				
		End User: Cosmetic Section	- Room temperature and humidity check - Function and				
		Replacement of Parts:	safety check - Measurement of the internal voltages and adjustment, if	Ad	minis'	tration DINES	
		1. Electrode Assy, FID P/N 228- 47146-91	- Performance checking based on the specified criteria of the equipment				
		2. Glass Insert, SPL-2010 P/N 221- 41444-01 3. Filament Assy,	- Visual and safety check-up of instrument - Checking of				
		180 MM, P/N 221- 41847-93 4. Cover for Control Unit, P/N 221-46484-01	power supply and connections - Mechanical adjustments				
		5. Key Panel P/N 221-46478-01 6.PM Kit P/N 221- 76870-41	- Replacement of worn-out parts - Certification test				

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Item End-user F No.	Particulars So	cope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
MAI WITT Shim Chro GC-2 E/C: 0002 End u Cos, Repla parts 1. GC FID 1 2. De	VENTIVE NTENANCE H PM KIT nadzu Gas omatograph 2014 001-003- 48 user: Pharma, Foods Section accement of : C-2014 SPL PM Kit eactivated s wool The control of the control o	ope of work ast include the lowing, at a nimum: external caning which cludes covers d all the panels. Internal cleaning aich includes chanical, tical and cetronic parts. Coom Inperature and midity check function and fety check Measurement of ceting internal ltages and justment, if cessary ferformance ecking based on expecified teria of the uipment Cisual and fety check-up of strument Checking of wer supply and nections Mechanical justments teplacement of orn-out parts Certification test as Chromatograp		158,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
86	ATQAL-FDS	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR: Shimadzu TQ8040 Equipment Code: 033-052-001844 End User: Food Section Parts Replacement: 1. PM Kit, P/N: 221-76881-42 2. Rotary Pump Oil, 2 liters 3. Transfer line (column) pipe, P/N: 221-76863-32 4. Ferrule, 6pcs P/N: 221-76863-38	Scope of work must include the following, at minimum: '- External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check - Function and safety check - Measurement of the internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and connections - Mechanical adjustments - Replacement of worn-out parts - Certification test		277,000.00 277,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	
			erformance Thin-La	-	romatography		
87	ATQAL- DRG	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT FOR: CAMAG Automatic Developing	Scope of work must include the following, at minimum: '-Visual and safety check-up of instrument -Exterior and interior cleaning -Checking of	1	168,000.00	Not More than 30 CD upon receipt of P.O.	

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FOOD AND DRUG ADMINISTRATION Scope of Work **Total Price** Item **End-user Particulars** Qty Schedule of Statement of No. **Technological** Compliance Service Chamber (ADC2) power supply and **CAMAG** connections **Automatic TLC** -Mechanical

		Sampler 4 (ATS4) CAMAG TLC	adjustments -Certification Test				
		Scanner 4	-Performance Test				
		CAMAG TLC	-Diagnostic Test				
		Visualizer 2	Diagnostic Test				
		Equipment Code:					
		162-068-001998					
		End User: Drug					
		Section					
			r-transform infrared	d spect	rophotometer		
88	ATQAL-	PREVENTIVE	Scope of work	1		Not More than	
	ARS	MAINTENANCE,	must include the		46,000.00	30 CD upon	
		HARDWARE	following, at			receipt of P.O.	
		CHECK, AND	minimum:				
		ADJUSTMENT	'-Visual and			То	
		FOR:	safety check-up of				
			instrument			Not More than	
		Shimadzu FTIR-	-Exterior and			90 CD upon	
		IR Prestige 21	interior cleaning			receipt of P.O.	
		Equipment code:	-Checking of				
		050-051-001116	power supply and			L-atinN	
		End-user: ARS Unit	connections		-minis'	Larini	
			-Mechanical			TIMES	
		- 1 001	adjustments			JINED	
		-nou air	-Certification Test				
			-Performance Test UV-Vis spectrop	hotom	atom		
89	ATOAI	PREVENTIVE	Scope of work	notomo 1	204,000.00	Not More than	
89	ATQAL- DRG	MAINTENANCE,	must include the	1	204,000.00	30 CD upon	
	DKG	HARDWARE	following, at			receipt of P.O.	
		CHECK, AND	minimum:			To	
		ADJUSTMENT	'- External			10	
		FOR:	cleaning which			Not More than	
		1010.	includes covers			90 CD upon	
		Shimadzu UV-Vis	and all the panels.			receipt of P.O.	
		Spectrophotomete	- Internal cleaning			receipt of 1.0.	
		r UV 1800	which includes				
				l	1		

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mechanical,

optical and

Equipment Code:

041-052-001481







Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service End User: Drugs electronic parts. Section - Room temperature and Parts for humidity check - Function and Replacement 1. CPU Assy, P/N: safety check 206-24970 - Measurement of 2. Sample the internal Compartment Assy, voltages and P/N: 206-60184-10 adjustment, if 3. Sample necessary Compartment - Performance Cover, P/N: 207checking based on 22708-41 the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and connections - Mechanical adjustments - Replacement of worn-out parts - Certification test 90 ATQAL-**PREVENTIVE** Scope of work Not More than 1 56,000.00 COSTOX MAINTENANCE, must include the 30 CD upon receipt of P.O. **HARDWARE** following, at CHECK, AND То minimum:-**ADJUSTMENT** External cleaning FOR:Shimadzu which includes Not More than **90 CD** upon **UV-Vis** covers and all the receipt of P.O. Spectrophotomete panels.- Internal r UV 170 cleaning which 0E/C: 041-051includes mechanical, 001052 End User: optical and Cosmeticselectronic parts.-**Toxicology Section** Room temperature and humidity check-Function and safety check-Measurement of the internal

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FOOD AND DRUG ADMINISTRATION

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			voltages and adjustment, if necessary- Performance checking based on the specified criteria of the equipment- Visual and safety check-up of instrument- Checking of power supply and connections- Mechanical adjustments- Replacement of worn-out parts- Certification test				
91	CTQAL- DRG	SINGLE VISIT PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT w/ OPERATIONAL QUALIFICATION	Certification test Scope of work must include the following, at a minimum: - Transfer of location of the unit	Ad	98,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	
		FOR: Shimadzu UV- 1700 Equipment Code: VSL-CAL-E-DRG- 0041-01	- External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts.				
		End User: Drug Section	- Room temperature and humidity check - Function and safety check - Measurement of the internal voltages and adjustment, if necessary				
			- Performance checking based on the specified				

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			criteria of the equipment				
			- Visual and safety check-up of instrument - Checking of				
			power supply and connections - Mechanical				
			- Replacement of worn-out parts - Certification test				
92	DTQAL- COSTOX	SINGLE PREVENTIVE MAINTENANCE Shimadzu UV-Vis Spectrophotomete r UV 1700 E/C: 001-003- 000456 End user: Cosmetics and Foods Section	Scope of work must include the following, at a minimum: - Transfer of location of the unit - External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room	Adi	46,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	
			temperature and humidity check - Function and safety check - Measurement of the internal voltages and adjustment, if necessary - Performance				
			checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and				

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FOOD AND DRUG ADMINISTRATION

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			connections - Mechanical adjustments - Replacement of worn-out parts - Certification test				
93	DTQAL- ANT-DRG	SINGLE PREVENTIVE MAINTENANCE Shimadzu UV-Vis Spectrophotomete r UV 1900 E/C: 001-003- 000907 End user: Pharma Section	Scope of work must include the following, at a minimum: - Transfer of location of the unit - External cleaning which includes covers and all the panels. - Internal cleaning which includes mechanical, optical and electronic parts. - Room temperature and humidity check - Function and safety check - Measurement of the internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and connections - Mechanical adjustments	Ad	50,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service worn-out parts - Certification test Polarimeter 94 ATQAL-Scope of Work 30,000.00 Not More than Preventive **ARS** Maintenance of must include the 30 CD upon following, at a receipt of P.O. Polarimeter **Brand** minimum: Name/Model: -Visual and safety Jasco / P2000 check-up of Equipment instrument Code:056-051--Exterior and 001134-7 interior cleaning End User: ARS -Mechanical Unit adjustments -CalibrationTest -Performance Test **Atomic Absorption Spectrophotometer** 95 ATQAL-**SINGLE** Scope of work 91,000.00 Not More than 1 **PREVENTIVE** COSTOX must include the 30 CD upon following, at a receipt of P.O. **MAINTENANCE** To & HARDWARE minimum: CHECK & - External **ADJUSTMENT** cleaning which Not More than WITH PM KITS includes covers 90 CD upon AND PART FOR and all the panels. receipt of P.O. - Internal cleaning REPLACEMENT: Atomic which includes Absorption mechanical, Spectrophotomete optical and r Shimadzu AAelectronic parts. 6300 with Hydride - Room temperature and **Vapor Generator** S/N: humidity check A30524100233 - Function and safety check Equipment Code: 034-051-001019 - Measurement of

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FOOD AND DRUG ADMINISTRATION

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		End user: Cosmetics- Toxicology Section Parts for replacements: 1. O-Ring Set, 68- 4D P/N: 206- 82037-92 2. Capillary Nebulizer P/N: SSSOA3X38597- 1EA	the internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and connections - Mechanical adjustments - Replacement of				
			worn-out parts - Certification test				
96	ATQAL-COSTOX	SINGLE PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT OF: Atomic Absorption Spectrophotomete r Shimadzu AA- 6800 with Graphite Furnace Analyzer S/N: A30304402223 Equipment Code: 034-052-001020 End user: Cosmetics- Toxicology Section Replacement of parts: 1. O-Ring Set, 68- 4D P/N: 206- 82037-92 2. Capillary Nebulizer P/N: SSSOA3X38597- 1EA 3. Nebulizer Assy P/N:206-52300-91	Scope of work must include the following, at a minimum: - External cleaning which includes covers and all the panels Internal cleaning which includes mechanical, optical and electronic parts Room temperature and humidity check - Function and safety check - Measurement of the internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of	Add	283,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O. mo	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service power supply and connections - Mechanical adjustments - Replacement of worn-out parts - Certification test 97 CTQAL-SINGLE 103,000.00 Not More than Scope of work FDS PREVENTIVE must include the 30 CD upon MAINTENANCE following, at a receipt of P.O. & HARDWARE minimum: To CHECK & ADJUSTMENT w/ Not More than **OPERATIONAL** 90 CD upon QUALIFICATION receipt of P.O. OF: mo Shimadzu AA-- External 7000 cleaning which includes covers and all the panels. Equipment Code: - Internal cleaning VSL-CAL-E-FDSwhich includes 0004-01 mechanical, optical and electronic parts. End User: Food - Room Section temperature and humidity check - Function and safety check - Measurement of the internal voltages and adjustment, if necessary - Performance checking based on the specified criteria of the equipment - Visual and safety check-up of instrument - Checking of power supply and connections

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. Technological Compliance Service - Mechanical adjustments - Replacement of worn-out parts - Certification test **Inductively Coupled Plasma Optical Emission Spectrometry** 296,000.00 98 DTQAL-Preventive Scope of Work: Not More than COSTOX Maintenance of A. Visual 30 CD upon **ICP-OES** Inspection – receipt of P.O. **Brand/Model:** checking for **ThermoScientific** evident and **ICAP 7400** probable part E/C: 001-005failures on the 000854 systems. End User: CosTox, B. General **Foods Section** cleaning cleaning the inside and outside chassis of the instrument. Includes autosampler maintenance and cleaning. C. Electronic and Electrical current and voltage values verification. Checking of interlocks, power cube and plasma control board. Also includes PC package were applicable. D. Mechanical Checks checking of fans, motors, and

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solenoid valves







Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. Technological Compliance Service for proper operation; clean and maintain if necessary. E. Gas System all gas flows and pressure checkout, also includes inspection and/or replacement of all tubing's, O-rings, reagents and filters. F. Sample Introduction System disassembly, cleaning and inspection of spray chamber, nebulizer, and torch assembly. Also includes the peristaltic pump. G. Cooling System inspection of water and filter, change if necessary. H. Calibration – Carbon 193 (220,180)position, within +/- 3 pixel. I. Equipment Performance verification by several sample analyses, standard check and turn over to the customer **Microwave Digestion System** Not More than CTQAL-PREVENTIVE SCOPE OF 76,000.00 99 1 WORK which **FDS** MAINTENANCE 30 CD upon includes, at a OF MICROWAVE receipt of P.O. DIGESTION minimum: SYSTEM: Milestone

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service ETHOS-1 1.) External Equipment Code: cleaning which VSL-CAL-E-FDSincludes covers 0027-01 and all panels End user: Food 2.) Internal Section cleaning which includes mechanical, optical, and electronic parts 3.) Room temperature and humidity check 4.) Function and safety check 5.) Measurement of the internal voltages and adjustment if necessary 6.) Checking of maintenance parts for wear and replacement if necessary 7.) Replacement of consumable parts 8.) Performance checking based on the specified criteria of the equipment **Disintegration Tester** 100 ATQAL-Preventive Scope of work 12,000.00 Not More than DRG 30 CD upon Maintenance and must include the receipt of P.O. Technological following, at a Services of minimum: Disintegration - Checking and Tester inspection of the **Brand/Model:** unit Erweka ZT722 - Exterior and Equipment Code: interior cleaning 040-138-001968 - Checking of End User: Drugs power supply and Section connections - Checking of mechanical parts - Checking of electronic board

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Item	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of	Statement of
Item No.	End-user	Particulars	- Checking of water circulation - Verification of bath temperature - Verification of vessel temperature - Verification of immersion depth (immersion depth gauge, distance shaft) - Checking of basket immersion depth	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
101	DTQAL- ANT-DRG	Preventive Maintenance and Technological Services of Disintegration Tester Brand name/Model: LOGAN DST-3 E/C: 001-003- 000342 End User: Drug Section	- Timer verification/qualif ication Scope of Work must include the following, at a minimum: -Checking and inspection of the unit -Exterior and interior cleaning -Checking of power supply and connections -Checking of mechanical parts -Checking of electronic board -Checking of vater circulation -Verification of Bath Temperature -Verification of Vessel Temperature -Verification of Immersion Depth (Immersion Depth Gauge, -Distance Shaft, Checking of Basket Immersion Depth) -Timer Verification/Quali fication	Adi	52,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
	T		Water Production	on Syst			
102	ATQAL- COSTOX	Preventive Maintenance Service Plan for Milli-Q Reference A+ Brand: Merck End-user: Cosmetic- Toxicology Sections	Scope of work includes the following, at a minimum: - Perform initial test run and general cleaning - Read system log files - back up machine calibration files - inspect for leaks/replace water tubing hose and connectors - inspect/clean/sanit ize PE tank - secure all connections - calibrate volume dispensing - measure product water conductivity - perform test run - issue service report and service tag sticker	Adi	45,000.00	Not More than 30 CD upon receipt of P.O.	
103	ATQAL- RRU	Preventive Maintenance Service for RIOS- 50 Brand: Merck End-user: Receiving & Releasing Unit	Scope of work includes the following, at a minimum: - Perform initial test run and general cleaning - Read system log files - back up machine calibration files	1	45,000.00	Not More than 30 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service - inspect for leaks/replace water tubing hose and connectors inspect/clean/sanit ize PE tank - secure all connections - calibrate volume dispensing - measure product water conductivity - perform test run - issue service report and service tag sticker 104 ATQAL-Preventive Scope of work 1 192,000.00 Not More than RRU Maintenance includes the 30 CD upon following, at a receipt of P.O. Service for Avidity Cascada II.I minimum: **Brand: Avidity** - Perform initial End-user: test run and Receiving & general cleaning Releasing Unit - back up machine calibration files - inspect/replace water tubing hose and connectors - measure product water conductivity with replacement of the following: 1. Pretreatment Twin-Cartridge 2 10um+5um P/N: LWFS32102

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service (1pc) 2. Pretreatment Twin-Cartridge 4 AC P/N: LWFS32104 (1pc) 3. Ultrapure Cartridge 1 RO feed P/N: LWFS32201 (1pc) 4. Ultrapure Cartridge 3 Low TOC P/N: LWFS32203 (1pc) 5. Vent Filter for Reservoir P/N: LWFS32501 (1pc) 6. Final Filter -Particulate P/N: LWFS32301(1pc) 7. Main Unit UV Lamp 185/254nm (1pc)8. Sediment Filters 10 micron (4pcs) 105 CTQAL-SCOPE OF **PREVENTIVE** 598,000.00 Not More than DRG WORK: 30 CD upon MAINTENANCE OF TYPE I AND receipt of P.O. II WATER **SYSTEM** * For Elix **Labwater System:** Essential 3: a.) Elix Essential 3 a. Feed Water (type II) Conductivity b.) Synergy UV b. RO Permeate (type I) Water Conductivity c. Product Water Equipment Code: VSL-CAL-E-DRG-Resistivity 0065-01 End User: Drug d. Product Water Section Temperature e. Product Water Flowrate Includes: *For MQ-Synergy UV:

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Item **End-user Particulars** Scope of Work **Qty Total Price** Schedule of Statement of No. **Technological** Compliance Service a. Product Water 1. Maintenance kit for Elix, Cat No.: Resistivity ZF3000527 b. Product Water 2. Maintenance Kit for Smart: Cat No.: Flowrate ZF3000320 3. Service Essential c. Product Water Elix, Cat No.: Temperature SERVESSIELIX d. Feed Water 4. Service Essential Synergy, Cat No.: **SERVESSISMT** 5. Elix 3 EDI e. UV Lamp Module, Cat No. Activation ZLXOEDI03 6. Reverse Osmosis Cartridge, Cat No. CDRCOO201 7. Photooxidation UV Lamp, Cat No. ZLUVWPM01 8. Replacement of Vent Filter PE Tank , Cat No.: TANKMP01 9. Millipak Express Filter, Cat. No.: MPGP04001 106 DTOAL-55,000.00 Preventive Preventive Not More than **MIC** Maintenance Maintenance 30 CD upon ANT-DRG Service Plan for Service Plan for receipt of P.O. Thermo Scientific Thermo Scientific Genpure 7171 (2) Genpure 7171 (2 units) units) **Brand:** Brand: **ThermoScientific** ThermoScientific Micro Equipment Scope of work Code: 001-013includes the 000599 following, at a minimum: - Perform initial test run and general cleaning - back up machine calibration files - inspect/replace water tubing hose and connectors - measure product water conductivity

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			- replace Polisher Cartridge				
107	DTQAL- ANT- DRG, COSTOX, and FDS	Preventive Maintenance Service Plan with Filters and parts for Replacement for PALL Cascada and Avidity Water Purification System Brand: PALL	Scope of work includes the following, at a minimum: - Perform initial test run and general cleaning - inspect/replace water tubing hose and connectors - measure product water conductivity - Installation of filters and other parts With replacement of the following: 1. 2 pcs. Pretreatment Twin-Cartridge 1 (PP, 5um+5um)P/N: LWFS32102 (replacement every 6 months) 2. 1 pc.Pretreatment Twin-Cartridge 4 ACP/N: LWFS32104 (replacement once a yr) 3. 2 pcs. Ultrapure		420,000.00 Minis	Not More than 30 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service Cartridge 1 RO feedP/N: LWFS32201 (replacement once a yr) 4. 1 pc.Ultrapure Cartridge 3 Low TOCP/N: LWFS32203 (replacement once a yr) 5. 1 pc. Vent Filter for ReservoirP/N: LWFS32501 (replacement once a yr) 6. 1 pc. Final Filter -ParticulateP/N: LWFS32301 (replacement once a yr) 7. 1 pc. Main Unit UV Lamp 185/254nm (replacement once a year)P/N: LWFS32206 8. 1 pc.Reservoir UV Lamp 254nm (replacement once a year)P/N: LWFS32207 Rotary Evaporator 108 ATQAL-Preventive 30,000.00 Not More than Scope of work DRG Maintenance with must include the 30 CD upon following, at a receipt of P.O. replacement of parts minimum: Vacuum Hose - 2 - Checking and meters (PN: inspection of the 017622)unit Screw Cap with - Exterior and Seal (PN: 41999) interior cleaning **Brand/Model:** - Checking of

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power supply and

Buchi R205







Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service Equipment Code: connections 048-051-001111 - Checking of End User: Drug mechanical parts Section - Checking of electronic board - Checking of water circulation - Verification of bath temperature - Timer verification/qualif ication Cobalt 60 109 **PLSD** Cobalt 60 machine Preventive 272,000.00 Not More than Brand: Theratron Maintenance of 30 CD upon **Model: Phoenix** receipt of P.O. Co-60 machine SN: 107 Scope of Work: - covers the cobalt-60 machine, the control console, and the calibration table, which are referred to herein as "SSDL system" - Physical inspection, cleaning and functionality checks on the SSDL system - Status check and maintenance on the following items: gantry drive gear, air tank and water trap, interlocks, timer, unit motion

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control, table motion control,







Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological	Statement of Compliance
Item No.	End-user	Particulars Food and	optical distance indicator, hand control, and console - Repair of defective units during the inspection, subject to availability of replacement parts (quotation shall be provided for evaluation of the SSDL personnel) - Submission of Service report, which includes findings, actions taken and recommendation from each PMS visitPMS visit shall be done two (2) times within the contract. Second scheduled PMS shall be in coordination with the SSDL	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			Personnel. Microbiological Iden		ion Apparatus		
110	ATQAL- MIC	Preventive Maintenance of Biomeriux Vitek 2 Compact Equipment Code: 158-130-001940 End User: Microbiology Section	Instrument calibration: filler, sealer, vaccum Sensor cleaning, optics cleaning and check, temperature check, other adjustments if needed	1	61,000.00	Not More than 30 CD upon receipt of P.O.	
111	DTQAL- MIC	Preventive Maintenance of VITEKBrand/Name	Preventive Maintenance of VITEKBrand/Na me: Biomeriux	1	100,000.00	Not More than 30 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		: Biomeriux Vitek 2 End User: Microbiology Section	Vitek 2End User: Microbiology SectionScope of Work must include the following at a minimum:- Inspect clean removal of dust and debris from the vital parts of the micribiological identification system Replacement of belts, springs, screws, sealer wire and static brush.				
		Cal	ibration and Preven	tive Ma	aintenance		
			Karl Fisher T	itrator	•		
112	ATQAL- ANT	Calibration and Preventive Maintenance of Karl Fisher (KF) Titrator Brand Name/Model: Mettler-Toledo KF V20 Titrator Equipment code: 069-042-001442 End User: Antibiotic Section	Scope of Work must include the following, at a minimum: -Visual and safety check-up of instrument -Exterior and interior cleaning -Calibration of input interface board -Calibration of polarized input - Calibration/Verifi cation of stirrer, sensor, burette and pump -Mechanical adjustments -Replacement of worn out parts (if available) -Certification Test -Performance Test	Add	54,000.00	Not More than 30 CD upon receipt of P.O.	
Potenti	ometric Titra	l itor	-remormance rest				

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TOTQAL- DRG MAINTENANCE AND CALIBRATION OF POTENTIOMETRI C TITRATOR AND KARL FISCHER TITRATOR: KEMAT 710M/B, MKV710B Equipment Code: CTQAL-CAL-E- DRG-0070-01 End User: Drug Section Totalibration: Calibration: Calibration: PH Buffer solution (for Automatric Titrator) PH Buffer solution (for KF Titrator) Water Standard (for KF Titrator) Water Standard FDS Moisture Balance TOTQAL- Calibration: Calibration: OMOISTURE Balance Titrator) Moisture Balance Brand/Model: Shimadzu MOC- 120H ErC:001-003- 000285 Capacity: 120 g Readability: 0.001 g Calcking of power supply and connections connections -Checking of power supply and connections -Checking of power supply and connections -Checking of -Checki	Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
MKV710B Equipment Code: CTQAL-CAL-E-DRG-0070-01 Service: End User: Drug Cleaning of main unit, tubings, burette, volume validation of burette Calibration: pH Buffer solution (for Automatric Titrator) PH Buffer solution (for Automatric Titrator) Water Standard (for KF Titrator) Titrator Water Standard (for KF Titrator) Calibration and Preventive Maintenance of Moisture Balance Moisture Balance Brand/Model: Shimadzu MOC-120H E/C:001-003- Checking and inspection of the unit E/C:001-003- Checking of Power supply and general minimum: Checking of power supply and connections Capacity: 120 g Readability: 0.001 general minimum: Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Checking of power supply and connections Capacity: 120 g Capacity: 120 g Checking of power supply and connections Capacity: 120 g Capa	113		MAINTENANCE AND CALIBRATION OF POTENTIOMETRI C TITRATOR AND KARL FISCHER TITRATOR:	must include the following, at a	1	60,000.00	30 CD upon	
DTQAL-FDS			MKV710B Equipment Code: CTQAL-CAL-E-DRG-0070-01 End User: Drug Section Calibration: pH Buffer solution (for Automatric Titrator)	Maintenance Service: Cleaning of main unit, tubings, burette, volume validation of burette Calibration: pH Buffer solution (for Automatric Titrator) Water Standard		minis ILIP	tration DINES	
FDS Preventive must include the following at a minimum: Brand/Model: -Checking and inspection of the unit E/C:001-003- O00285 interior cleaning Capacity: 120 g Readability: 0.001 g FDS OCD upon receipt of P.O. Brand/Model: -Checking and inspection of the unit -Checking and inspection of the unit -Checking and interior cleaning -Checking of power supply and connections -Checking of power supply and connections			KF Titrator)	Moisture Ba	alance			
mechanical parts -Checking of electronic board Dissolution Apparatus	114		Preventive Maintenance of Moisture Balance Brand/Model: Shimadzu MOC- 120H E/C:001-003- 000285 Capacity: 120 g Readability: 0.001	must include the following at a minimum: -Checking and inspection of the unit -Exterior and interior cleaning -Checking of power supply and connections -Checking of mechanical parts -Checking of electronic board			30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
115	ATQAL- DRG	Calibration and Preventive Maintenance of Dissolution Apparatus Brand/Model: Logan UDT 804 Equipment Code: 039-052-001483 End User: Drugs Section	Scope of work must include the following, at minimum: '- Visual and safety check-up of instrument - Exterior and interior cleaning - Calibration of input and interface board - Checking of power supply and connections - Mechanical adjustments - Replacement of worn-out parts - Certification test	1	56,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O	
116	ATQAL- ANT	Calibration and Preventive Maintenance of Dissolution Apparatus Brand/Model: Logan UDT 804 Equipment Code: 039-052-001044 039-052-001045 End User: Antibiotic Section	- Performance test Scope of work must include the following, at minimum: '- Visual and safety check-up of instrument - Exterior and interior cleaning - Calibration of input and interface board - Checking of power supply and connections - Mechanical adjustments - Replacement of worn-out parts - Certification test - Performance test	2 Adi D H	112,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O	
117	DTQAL- ANT-DRG	Preventive Maintenance and Calibration of Dissolution Apparatus Brand Name/Model:	Scope of Work must include the following, at a minimum: -Checking and cleaning of all PCB's, circulating	1	68,000.00	Not More than 30 CD upon receipt of P.O. To	

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Item No.	End-user	Particulars Logan UDT 804 Maintenance Parts: Hose for Water Discharge (2m) Vessel Covers	hoses, circulating motor, heater assembly, belts, and motorChecking and verification of set	Qty	Total Price	Schedule of Technological Service Not More than 90 CD upon receipt of P.O	Statement of Compliance
		E/C: 001-003- 000343 End User: Antibiotic Section	temperature and rotation speeds.				
		and Drug Section			TT 4:		
			Digestion and Fat E				
118	DTQAL-COSTOX	Preventive Maintenance and Calibration of Microwave Digestion Unit Brand: Milestone Ethos One and Ethos Up E/C:001-002- 000334;001-002- 000855 End User: CosTox	Scope of Work: 1. Power test the unit before start maintenance for verification. 2. Open the unit, clean external & internal parts. 3. Check conditions of blower & exhaust fan, magnetrons, high voltage capacitors & diodes. 4. Check safety switches sensor response. 5. Check and fix electrical connection 6. Perform power test response of heating magnetron. 7. Calibrate ATC / IR sensor temperature reading response.	2	132,000.00	Not More than 30 CD upon receipt of P.O.	
119	DTQAL- FDS	Preventive Maintenance and Calibration of Muffle Furnace Brand: Microwave Muffle Furnace MA194 E/C: 001-002- 000888	Scope of Work: 1. Power test the unit before start maintenance for verification. 2. Open the unit, clean external & internal parts. 3. Check conditions of	1	68,000.00	Not More than 30 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		End User: Foods Section	blower & exhaust fan, magnetrons, high voltage capacitors & diodes. 4.Check safety switches sensor response. 5. Check and fix electrical connection 6. Perform power test response of heating				
			magnetron. Microplate I	Reader			
120	ATQAL-	Preventive	Scope of Work	1	58,000.00	Not More than	
120	FDS	Maintenance with calibration of Thermop Scientific Multiskan Sky Equipment Code: 172-051-002060 End User: Food Section	must include the following, at minimum: 1. Checking and cleaning 2. Instrument diagnostics 3. Functional and performances tests	Adi		30 CD upon receipt of P.O.	
			Autocla	ve			
121	CTQAL- MIC	Calibration and Preventive Maintenance of Autoclave Autoclave Brand/Model: ALP KY 23D Equipment Code: VSL-CAL-E-MIC- 0006-01 Brand/Model: Huxley HL-340 VSL-CAL-E-MIC- 0006-02 End User: Microbiology Section Prev	Scope of Work must include the following, at a minimum: - Calibration of autoclave (temperature, time and pressure - Preventive maintenance of autoclave which includes cleaning & checking of all Sensors, Seals and Valves	and Re	20,000.00	Not More than 30 CD upon receipt of P.O.	
		Prev	entive Maintenance	and Ke	certification		
			Laboratory Fu	mehoo	d		

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FOOD AND DRUG ADMINISTRATION Scope of Work Oty Total Price Schedule of Statement of

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
122	ATQAL- ANT	Preventive Maintenance and Recertification of Fumehood Brand/Model: ESCO, EFA- 6UDRVW-8 Equipment Code: 019-102-001698 019-102-001700 End User: Antibiotic Section	Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum: - Face velocity test (25%, 50% 100% Sash Opening) - Smoke visualization test - Noise level test - Light intensity test Preventive Maintenance scope of work must include the following, at a minimum: - General Cleaning - Check Power Supply and electrical connections - Check Exhaust Sensor or other similar sensor - Ensure window mechanism work well at 3 postions - Inspect for any visible signs of leakages - Check control panel and indicators, fluorescent lamps and other controls - Check display readings and alarm. Recalibrate if needed.			Not More than 30 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service 123 ATQAL-Recertification 30,000.00 Not More than Preventive ANT 30 CD upon Maintenance and scope of work Recertification of must be based on receipt of P.O. Fumehood ANSI/ASHRAE **Brand/Model:** 110 or equivalent ESCO, EFH-6B3 standard and must Equipment Code: include the 019-051following, at a 000835End User: minimum:- Face **Antibiotic Section** velocity test (25%, 50% 100% Sash Opening)-Smoke visualization test-Noise level test-Light intensity testPreventive Maintenance scope of work must include the following, at a minimum:-General Cleaning-Check Power Supply and electrical connections-Check Exhaust Sensor or other similar sensor-Ensure window mechanism work well at 3 positions- Inspect for any visible signs of leakages-Check control panel and indicators, fluorescent lamps

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and other controls- Check display readings and alarm. Recalibrate if needed.





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FOOD AND DRUG ADMINISTRATION Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service 124 ATQAL-Recertification 30,000.00 Not More than Preventive DRG 30 CD upon Maintenance and scope of work Recertification of must be based on receipt of P.O. Fumehood ANSI/ASHRAE **Brand/Model:** 110 or equivalent standard and must ESCO, EFA-**6UDRVW-8** include the Equipment Code: following, at a 019-134-001694, minimum: S/N: 2020-147092 - Face velocity End User: Drugs test (25%, 50% 100% Sash Section Opening) - Smoke visualization test - Noise level test - Light intensity test Preventive Maintenance scope of work must include the following, at a minimum: - General Cleaning - Check Power Supply and electrical connections - Check Exhaust Sensor or other

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if needed.

similar sensor
- Ensure window
mechanism work
well at 3 postions
- Inspect for any
visible signs of
leakages
- Check control
panel and
indicators,
fluorescent lamps
and other controls
- Check display
readings and
alarm. Recalibrate







Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service 125 ATQAL-Recertification 30,000.00 Not More than Preventive DRG 30 CD upon Maintenance and scope of work Recertification of must be based on receipt of P.O. Fumehood ANSI/ASHRAE **Brand/Model:** 110 or equivalent standard and must ESCO, EFA-**6UDRVW-8** include the following, at a Equipment Code: 019-134-0019696, minimum: S/N: 2020-147091 - Face velocity End User: Drugs test (25%, 50% 100% Sash Section Opening) - Smoke visualization test - Noise level test - Light intensity test Preventive Maintenance scope of work must include the following, at a minimum: - General Cleaning - Check Power Supply and electrical connections - Check Exhaust Sensor or other similar sensor - Ensure window mechanism work well at 3 postions - Inspect for any visible signs of leakages - Check control panel and indicators, fluorescent lamps and other controls - Check display readings and alarm. Recalibrate if needed.

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
126	ATQAL-DRG	Preventive Maintenance and Recertification of Fumehood Brand/Model: ESCO, EFA- 6UDRVW-8 Equipment Code: 019-134-001948 End User: Drugs Section	Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum: - Face velocity test (25%, 50% 100% Sash Opening) - Smoke visualization test - Noise level test - Light intensity test - Light intensity test Preventive Maintenance scope of work must include the following, at a minimum: - General Cleaning - Check Power Supply and electrical connections - Check Exhaust Sensor or other similar sensor - Ensure window mechanism work well at 3 postions - Inspect for any visible signs of leakages - Check control panel and indicators, fluorescent lamps and other controls - Check display readings and alarm. Recalibrate if needed.	Add DH		Not More than 30 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service 127 ATQAL-Recertification 30,000.00 Not More than Preventive DRG 30 CD upon Maintenance and scope of work Recertification of must be based on receipt of P.O. Fumehood ANSI/ASHRAE **Brand/Model:** 110 or equivalent standard and must ESCO, EFA-**6UDRVW-8** include the following, at a Equipment Code: 019-134-001946 minimum: S/N: 2021-178251 - Face velocity End User: Drugs test (25%, 50% 100% Sash Section Opening) - Smoke visualization test - Noise level test - Light intensity test Preventive Maintenance scope of work must include the following, at a minimum: - General Cleaning - Check Power Supply and electrical connections - Check Exhaust Sensor or other similar sensor - Ensure window mechanism work well at 3 postions - Inspect for any visible signs of leakages - Check control panel and

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indicators, fluorescent lamps and other controls - Check display readings and alarm. Recalibrate

if needed.







Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service 128 ATQAL-Recertification 30,000.00 Not More than Preventive DRG 30 CD upon Maintenance and scope of work Recertification of must be based on receipt of P.O. Fumehood ANSI/ASHRAE **Brand/Model:** 110 or equivalent standard and must ESCO, EFA-**6UDRVW-8** include the following, at a Equipment Code: 019-134-001950 minimum: S/N: 2021-178249 - Face velocity End User: Drugs test (25%, 50% 100% Sash Section Opening) - Smoke visualization test - Noise level test - Light intensity test Preventive Maintenance scope of work must include the following, at a minimum: - General Cleaning - Check Power Supply and electrical connections - Check Exhaust Sensor or other similar sensor - Ensure window mechanism work well at 3 postions - Inspect for any visible signs of leakages - Check control panel and indicators, fluorescent lamps and other controls - Check display readings and alarm. Recalibrate if needed.

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
129	ATQAL- DRG	Preventive Maintenance, Recertification and Replacement of Parts of Fumehood Brand/Model: ESCO, ADC-3A3 Equipment Code: 019-076-002132 End User: Drugs Section Parts for Replacement: 1. Electronic Ballast, 120-277V, 0.93A 50/60Hz (1 qty) 2. Fume Hood Part for Carbon filter ADC-3A3, 515x450x68 (2 qty)	Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum: - Face velocity test (25%, 50% 100% Sash Opening) - Smoke visualization test - Noise level test - Light intensity test Installation of parts Preventive Maintenance scope of work must include the following, at a minimum: - General Cleaning - Check Power Supply and electrical connections - Check Exhaust Sensor or other similar sensor - Ensure window mechanism work well at 3 postions - Inspect for any visible signs of leakages - Check control panel and indicators, fluorescent lamps and other controls - Check display readings and alarm. Recalibrate if needed.	Add PH		Not More than 30 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
130	ATQAL-COSTOX	Preventive Maintenance and Recertification of Fumehood Brand/Model: ESCO, EFA- 6UDRVW- 8Equipment Code: 019-134- 001982End User: Cosmetics- Toxicology Section	Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum:- Face velocity test (25%, 50% 100% Sash Opening)- Smoke visualization test-Noise level test-Light intensity testPreventive Maintenance scope of work must include the following, at a minimum:- General Cleaning-Check Power Supply and electrical connections-Check Exhaust Sensor or other similar sensor-Ensure window mechanism work well at 3 postions-Inspect for any visible signs of leakages- Check control panel and indicators, fluorescent lamps and other controls- Check display readings and alarm. Recalibrate if needed.			Not More than 30 CD upon receipt of P.O.	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service 131 ATQAL-Recertification 30,000.00 Not More than Preventive COSTOX 30 CD upon Maintenance and scope of work Recertification of must be based on receipt of P.O. Fumehood ANSI/ASHRAE **Brand/Model:** 110 or equivalent standard and must ESCO, EFA-6UDRVW-8 include the following, at a Equipment Code: 019-134-001984 minimum: End User: - Face velocity Cosmeticstest (25%, 50% **Toxicology Section** 100% Sash Opening) - Smoke visualization test - Noise level test - Light intensity test Preventive Maintenance scope of work must include the following, at a minimum: - General Cleaning - Check Power Supply and electrical connections - Check Exhaust Sensor or other similar sensor - Ensure window mechanism work well at 3 postions - Inspect for any visible signs of leakages - Check control panel and indicators, fluorescent lamps and other controls - Check display readings and alarm. Recalibrate if needed.

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Fumehood

Brand/Model:

Equipment Code:

019-134-001966

End User: ARS

Unit

ESCO, EFA-**6UDRVW-8**

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FOOD AND DRUG ADMINISTRATION Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service 132 ATQAL-Recertification 30,000.00 Not More than Preventive **ARS** 30 CD upon Maintenance and scope of work Recertification of must be based on receipt of P.O.

ANSI/ASHRAE

110 or equivalent standard and must

include the

minimum:

100% Sash Opening) - Smoke

test

Preventive Maintenance scope of work must include the following, at a minimum: - General Cleaning - Check Power Supply and electrical connections - Check Exhaust Sensor or other similar sensor - Ensure window mechanism work well at 3 postions - Inspect for any visible signs of leakages - Check control panel and indicators, fluorescent lamps and other controls - Check display readings and alarm. Recalibrate

following, at a

- Face velocity test (25%, 50%

visualization test - Noise level test - Light intensity

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if needed.

Email: info@fda.gov.ph







Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
133	133 ATQAL-FDS	Preventive Maintenance and Recertification of Fumehood Brand/Model: ESCO, EFA- 6UDRVW-8 Equipment Code: 019-057-001972 019-057-001974 019-057-001976 End User: Food Section	Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum: - Face velocity test (25%, 50% 100% Sash Opening) - Smoke visualization test - Noise level test - Light intensity test	3	90,000.00	Not More than 30 CD upon receipt of P.O.	
		Food an	Preventive Maintenance scope of work must include the following, at a minimum: - General Cleaning - Check Power Supply and electrical connections - Check Exhaust Sensor or other similar sensor - Ensure window mechanism work well at 3 postions - Inspect for any visible signs of leakages - Check control panel and indicators, fluorescent lamps and other controls - Check display readings and alarm. Recalibrate		minis ILIP	tration	

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service 134 CTQAL-Re-Certification Recertification 150,000.00 Not More than FDS/DRG/ 30 CD upon and Preventive scope of work COS Maintenance of must be based on receipt of P.O. Fume Hood ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum: Fume Hood - Face velocity test (25%, 50% 100% Sash Opening) Brand/Model: - Smoke Kewaunee visualization test Supreme Air Perchloric, 60" Equipment Code: VSL-CAL-E-DRG-0014-07 - Noise level test VSL-CAL-E-DRG-0014-08 VSL-CAL-E-FDS-- Light intensity 0014-06 test VSL-CAL-E-COS-0014-09 Brand/Model: Uni-Phil Danzen VSL-CAL-E-FDS-0014-05 Preventive Maintenance scope of work must include the following, at a minimum: End User: - General Food/Drug/Cosmeti Cleaning c Sections - Check Power Supply and electrical connections - Check Exhaust Sensor or other similar sensor - Ensure window mechanism work

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well at 3 postions







Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service - Inspect for any visible signs of leakages - Check control panel and indicators, fluorescent lamps and other controls - Check display readings and alarm. Recalibrate if needed. 135 DTQAL-Preventive 210,000.00 Not More than COSTOX, Maintenance of 30 CD upon FDS. Fumehoods and Preventive receipt of P.O. ANT-DRG Canopy Hoods Maintenance **Equipment Codes:** scope of work Canopy Hood (Tox must include the Analysis Room): following, at a S/N: 100120398 minimum: Canopy Hood (Hot - General Room): S/N: Cleaning 100120399 - Check Power Supply and Labconco Protector Xstream electrical connections (Drugs Analytical Room): S/N: - Check Exhaust 140795403 B Sensor or other Labconco similar sensor **Protector Xstream** - Ensure window (Foods Analytical mechanism work Room): S/N: well at 3 postions 140795404 B - Inspect for any visible signs of Labconco leakages **Protector Xstream** (ICP Room) :S/N: - Check control 140795405 B panel and indicators, Labconco (Antibiotic) S/N: fluorescent lamps 090199116 B and other controls labconco - Check display (Biohazard Room) readings and S/N: 090299161 B alarm. Recalibrate if needed.

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service 136 DTQAL-Re-certification of Recertification 300,000.00 Not More than 10 ANT-30 CD upon Fume Hood and scope of work DRG, Canopy Hood must be based on receipt of P.O. MIC, **Equipment Codes:** ANSI/ASHRAE COSTOX, Canopy Hood (Tox 110 or equivalent standard and must & FDS Analysis Room): S/N: 100120398 include the following, at a Canopy Hood (Hot Room): S/N: minimum: 100120399 - Face velocity Labconco test (25%, 50% **Protector Xstream** 100% Sash (Drugs Analytical Opening) Room): S/N: - Smoke 140795403 B visualization test Labconco - Noise level test **Protector Xstream** - Light intensity (Foods Analytical test Room): S/N: 140795404 B Labconco **Protector Xstream** (ICP Room) :S/N: 140795405 B Labconco (Antibiotic) S/N: 090199116 B labconco (Biohazard Room) S/N: 090299161 B 2 units Pacific Vinitex A15 **Laminar Flow Hood** 137 CTQAL-Re-certification and Recertification 30,000.00 Not More than MIC Preventive scope of work 30 CD upon receipt of P.O. Maintenance of must be based on Laminar Flow NSF/ANSI 49 or Hood EN 12469 or equivalent standard and must include the following, at a **Brand/Model:** minimum: ESCO AHC303

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Equipment Code: VSL-CAL-E-MIC- 0055-01	a) Downflow Air Velocity Test				
		End User: Microbiology Section	b) Particle Count Test				
			c) Light Intensity Test d) Noise Level				
			Test e) UV Light Intensity Test				
			Preventive Maintenance scope of work must include the				
			ff, at a minimum: a) Clean interior/exterior b)				
			Clean/decontamin ate work tray using IPA c) Check Alarm			ration	
		and an	Function d) Check Electrical Panel	Ad D H		PINES	
			e) Verify Air Velocity				
			Biosafety Ca	abinet			
138	ATQAL- FDS	Preventive Maintenance and Re-certification of Biosafety Cabinet Brand/Model: Thermo Electron Corporation Forma Class II,	Recertification scope of work must be based on NSF/ANSI 49 or EN 12469 or equivalent standard and must include the	1	35,000.00	Not More than 30 CD upon receipt of P.O.	
		A2 Equipment Code: 019-051- 000825End User: Food Section	following, at a minimum:- Inflow Velocity Test- Down Flow Velocity Test- Filter Leak Test- Site Installation,				

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FOOD AND DRUG ADMINISTRATION

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological	Statement of Compliance
						Service	Compilation
			Alarms				
			Verification Test- Smoke Pattern Test- UV Light				
			Radiation Test- Light Intensity Test- Noise Level				
			Test Preventive Maintenance scope of work				
			must include the following, at a minimum:a)				
			Clean interior/exteriorb) Clean/decontamin				
			ate work tray using IPAc) Check Alarm				
			Functiond) Check Electrical Panele) Verify Air				
139	ATQAL-	Preventive	Velocity Recertification	1	35,000.00	Not More than	
	ANT	Maintenance and	scope of work		_inig	30 CD upon	
		Re-certification of Laminar Flow	must be based on NSF/ANSI 49 or	Adl		receipt of P.O.	
	i	Hood	EN 12469 or		미미만	JINLH	
		Brand/Model: Dalton	equivalent standard and must				
		Equipment Code:	include the				
		019-051-000836	following, at a				
		End User: Antibiotic Section	minimum: a) Downflow Air				
		Antibiotic Section	Velocity Test				
			b) Particle Count				
			Test c) Light Intensity				
			Test				
			d) Noise Level Test				
			e) UV Light				
			Intensity Test				
			Preventive				
			Maintenance scope of work				
			must include the				
			following, at a				
			minimum: a) Clean				
			interior/exterior				

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological	Statement of Compliance
	ATQAL-ANT	Preventive Maintenance and/or Re-certification of Biosafety Cabinet Brand/Model: Holten Equipment Code: 019-051-000837 019-051-000838 End User: Antibiotic Section	b) Clean/decontamin ate work tray using IPA c) Check Alarm Function d) Check Electrical Panel e) Verify Air Velocity Recertification scope of work must be based on NSF/ANSI 49 or EN 12469 or equivalent standard and must include the following, at a minimum: - Inflow Velocity Test - Down Flow Velocity Test - Site Installation, Alarms Verification Test - Site Installation, Test - UV Light Radiation Test - UV Light Radiation Test - Light Intensity Test - Noise Level Test Preventive Maintenance scope of work must include the following, at a minimum: a) Clean interior/exterior b) Clean/decontamin ate work tray using IPA	Qty 1	35,000.00	Not More than 30 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			e) Verify Air Velocity				
141	ATQAL- MIC	Preventive Maintenance and Re-certification of Baker SG403TX (BSC) Equipment Code:	Recertification scope of work must be based on NSF/ANSI 49 or EN 12469 or	1	35,000.00	Not More than 30 CD upon receipt of P.O.	
		Food and	d Drug	AO PH	ILIP	PINES	

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MIC

Maintenance and

Re-certification of

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Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. Technological Compliance Service 019-051-000840 equivalent standard and must End User: Microbiology include the Section following, at a minimum: - Inflow Velocity Test - Down Flow Velocity Test - Filter Leak Test - Site Installation, Alarms Verification Test - Smoke Pattern Test - UV Light **Radiation Test** - Light Intensity Test - Noise Level Test Preventive Maintenance scope of work must include the following, at a minimum: a) Clean interior/exterior b) Clean/decontamin ate work tray using IPA c) Check Alarm Function d) Check **Electrical Panel** e) Verify Air Velocity 142 ATQAL-35,000.00 Not More than Preventive

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Recertification

scope of work

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30 CD upon

receipt of P.O.





Item **End-user Particulars** Scope of Work Qty **Total Price** Schedule of Statement of No. **Technological** Compliance Service Dalton 3must be based on BSCI30011BS NSF/ANSI 49 or Equipment Code: EN 12469 or 019-051-000841 equivalent (BSC) standard and must End User: include the Microbiology following, at a Section minimum: - Inflow Velocity Test - Down Flow Velocity Test - Filter Leak Test - Site Installation, Alarms Verification Test - Smoke Pattern Test - UV Light **Radiation Test** - Light Intensity Test - Noise Level Test Preventive Maintenance scope of work must include the following, at a minimum: a) Clean interior/exterior b) Clean/decontamin ate work tray using IPA c) Check Alarm **Function** d) Check **Electrical Panel** e) Verify Air Velocity 143 CTQAL-Re-Certification 105,000.00 RE-3 Not More than FDS/MIC **CERTIFICATION** Includes: 30 CD upon AND receipt of P.O. **PREVENTIVE MAINTENANCE** OF BIOLOGICAL **SAFETY CABINET** a. Downflow Air Velocity Test

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Brand/Model: Telstar BIO II AM	b. Inflow Air Velocity Test				
		Equipment Code:	c. Particle Count Test				
		VSL-CAL-E-MIC- 0007-01	d. Filter Leak Test				
		VSL-CAL-E-MIC- 0007-02	e. Light Intensity Test	-			
		Brand/Model: Telstar Bio Vanguard 6					
		VSL-CAL-E-FDS- 0007-03	f. Noise Level Test				
		End User: Microbiology/Food Sections	g. Smoke Pattern Test				
		Sections	i. Site Installation Test				
			h. UV Light Intensity Test				
			Annual Preventive Maintenance Includes:	ΛН	minis'	tration	
		Food and	a. Clean interior/exterior of BSC] -	ILIP	PINFO	
			b. Decontaminate drain pan using IPA				
			c. Check alarm function				
			d. Check electrical panel e. Verify air velocity	_			
144	DTQAL- MIC	Re-certification of Biosafety Cabinet	Recertification scope of work must be based on	2	70,000.00	Not More than 30 CD upon receipt of P.O.	
		Brand/Model: Esco LB2-4B3 Equipment Code: 006-018-000158, Brand/Model: Biobase E/C:006- 077-000906	NSF/ANSI 49 or EN 12469 or equivalent standard and must include the following, at a minimum:				
			- Inflow Velocity				

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Total Price Item **End-user Particulars** Scope of Work Qty Schedule of **Statement of** No. Technological Compliance Service Test - Down Flow Velocity Test - Filter Leak Test - Site Installation, Alarms Verification Test - Smoke Pattern Test - UV Light **Radiation Test** - Light Intensity Test - Noise Level Test Preventive Maintenance scope of work must include the following, at a minimum: a) Clean interior/exterior Clean/decontamin ate work tray using IPA c) Check Alarm Function d) Check Electrical Panel e) Verify Air Velocity Preventive Maintenance and Requalification of Sterility Room

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
145	ATQAL- ANT	On-Site Preventive Maintenance and Requalification of Sterility Room HVAC, On-Site Preventive Maintenance and Filter Replacement of Airshower Dalton Sterility Room and On site Replacement of UV Lamp on Sterility Room Pass box for CSL ATQAL Antibiotic Section	On-Site Preventive Maintenance and Requalification of Sterility Room HVAC Cleanroom Validation Scope of work: Room mapping, Particle Counting Class 100K and Class 10K, Temperature, RH, Velocity and Airflow test, smoke pattern test, Checking room air change, room pressure differential and Submission of report. Installation of filters, Restoration works, HEPA Filter Leak test On-Site Preventive Maintenance and Filter Replacement of Airshower Dalton Sterility room Scope of work: Cleaning of airshower, Check electrical component, Check blower integrity, Test Airflow on nozzles, Test and repair of interlocking door, replace air filter (primary filter and HEPA filter with test report)	Add	413,000.00 413,000.00	Not More than 30 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	On site Replacement of UV Lamp on Sterility Room Pass box for CSL	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			Antibiotic Section, to include supply of 1 UV lamp General				
			Requirement: Mobilization, Transportation to site				
		R	Repair and Preventiv	e Main	tenance		
146	DTQAL- FDS	Preventive Maintenance and Repair with Replacement Parts for Fat Extractor Parts for Replacement: 1 pc. Control Board Multistat Cat no. 1005065 1 pc. Keypad Multistat Cat no. 1002496 1 pc. Preventive Maintenance Kit Cat no. 13-0111 1 pc. Air filter and tubing Brand/Model: Gerhardt Soxtherm Equipment Code:001-024- 000333 End User: Foods	Scope of Work must include the following, at a minimum: -Checking and inspection of the unit -Exterior and interior cleaning -Checking of power supply and connections -Checking of mechanical parts -Checking of electronic board	Add	135,000.00	Not More than 30 CD upon receipt of P.O.	
147	ATQAL- FDS	Repair and Installation of Parts for Fat Extractor: Brand/Model	Scope of work must include the following, at a minimum:	1	49,000.00	Not More than 30 CD upon receipt of P.O.	

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Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Buchi/E-816: Parts for replacement: 1 pcs of Reflective Photologic Sensor (set cable sensor front) P/N: 11066709	1. Remove old defective sensor. 2. Install new sensor. 3. Testing of equipment extraction and run.				
		Equipment Code: 118-051-001398 End User: Foods					
148	ATQAL- COSTOX	Preventive Maintenance and Calibration Services via Onsite with a total of 1 emergency visit for Microwave Digestion System:	Scope of Work must include the following, at a minimum: 1. Perform PMS and Calibration as per Milestone	1	21,000.00	Not More than 30 CD upon receipt of P.O.	
		Brand/Model: Milestone Ethos UP E/C: 035-053- 001970 End-user:	Standard Procedure 2. Functionality Testing	Ad	minis'	tration PINES	
149	ATQAL- DRG	Cosmetic- Toxicology Section Repair and Installation of Parts for Shimadzu Nexera-40 Brand/Model: Shimadzu Nexera- 40 Detector: PDA E/C: 015-052- 001954 Parts for replacement: 1. Plunger	Scope of Work must include the following, at a minimum: 1. Remove and replace defective HPV rotor and plunger 2. Perform PMS and Functionality Testing	1	103,000.00	Not More than 30 CD upon receipt of P.O. To Not More than 90 CD upon receipt of P.O.	
		(Measuring Pump) P/N: 228-35010-92 2. HPV Rotor P/N: 228-71780-42 End User: Drug					

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