

# 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	TO
<p>2. The Food and Drug Administration now invites bids for the above Procurement Project. Delivery of <b>all</b> the Goods is required to be <b>not more than Thirty (30) calendar days after receipt of Purchase Order (PO) except for item nos. 6 and 109 which is Sixty (60) calendar days after receipt of PO.</b> 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 Documents, particularly, in Section II (Instructions to Bidders)</p>	<p>2. The Food and Drug Administration now invites bids for the above Procurement Project. Delivery of <b>all</b> the Goods is required to be <b>not more than Thirty (30) calendar days after receipt of Purchase Order (PO) except for:</b></p> <p><b>a) Item no. 6: not more than Seventy - Five (75) calendar days after receipt;</b></p> <p><b>b) Item nos. 42 to 46, 52, 54, 58 – 72, 74 – 76, 82 - 86, 88 – 93, 95 – 97, 101, 114 - 117 and 149: not more than Ninety (90) calendar days after receipt of PO; and</b></p> <p><b>c) Item no. 109: not more than Sixty (60) calendar days after receipt of PO.</b> 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</p>



	Documents, particularly, in Section II (Instructions to Bidders)
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**B. SECTION VI. SCHEDULE OF REQUIREMENTS**  
(See Annex for detailed information)

Item numbers	Delivery Addresses	Delivered, Weeks/Months (FROM)	Delivered, 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	TO
1. Supplier for Calibration service <b>must</b> be an ISO 17025 accredited calibration laboratory, or can demonstrate traceability of measurement to the International Systems of Units (SI). A copy of the scope of accreditation (indicating the specific calibration service) shall be provided, whenever applicable	Supplier for Calibration services <b>should either</b> 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 (indicating the specific calibration service) shall be provided, whenever applicable.

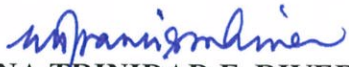


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**C. SECTION VII. TECHNICAL SPECIFICATION**

Item no.	End-user	Particulars	FROM	TO
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		<b>Not More than 30 CD upon receipt of P.O.</b>

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



**ENGR. ANA TRINIDAD F. RIVERA, MSc.**  
Chairperson, CenBAC



**ANNEX**

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
<b>Calibration</b>							
<b>Air Sampler</b>							
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.	
<b>Thermometer</b>							
2	ATQAL-MIC	Calibration of Thermometer Liquid in Glass Equipment Code: 051-051-001176 End User: Microbiology Section  Test Point(°C): 0, -80, -75, -70, -60	N/A	1	5,000.00	Not More than 30 CD upon receipt of P.O.	
3	CTQAL-MIC	Calibration of Thermometer Verification Thermometer (for ultralow freezer) <b>Brand: Frio Temp</b> Equipment Code: VSL-CAL-E-MIC-0054-01 End User: Microbiology Section  Test Point(°C): 0, -80, -75, -70, -60	N/A	1	5,000.00	Not More than 30 CD upon receipt of P.O.	
<b>Barometer</b>							
4	PLSD	Calibration of Aneroid Barometer <b>Brand: Sato</b>	Calibration of Aneroid Barometer	6	45,000.00	Not More than 30 CD upon receipt of P.O.	



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



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<b>Name/Model:</b> <b>Raysafe/Unfors X2</b> 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			To Not More than <b>75 CD</b> upon receipt of P.O.	
<b>Protractor</b>							
7	ATQAL-ANT	Calibration of Digital Protractor <b>Brand/Model: Pro 3600</b> Equipment code: 116-051-001396  End User: Antibiotic	N/A	1	8,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
<b>Hand Refractometer</b>							
8	ATQAL-FDS	Calibration of Hand Refractometer <b>Brand/Model: Atago ATC-1</b> 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 <b>Brand/Model: Atago Master T</b> Equipment Code:001-001-000327.1 End User: Foods  Test Points: Brix 0%, 10%, 20%, 30%	N/A	1	5,000.00	Not More than 30 CD upon receipt of P.O.	
10	CTQAL-FDS	Calibration of Hand Refractometer <b>Brand/Model: Atago Master T</b> 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 <b>Brand/Model: Atago N2</b>	N/A	1	5,000.00	Not More than 30 CD upon receipt of P.O.	

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



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



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

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

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



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



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 <b>Brand/Model: Buchi R205</b> Equipment Code: 048-051-001111 End User: Drug Section  Test Points (°C): 35, 50, 55, 60	N/A	1	8,000.00	Not More than 30 CD upon receipt of P.O.	
33	ATQAL-FDS	Calibration of Rotary Evaporator <b>Brand/Model: Yamato RE-46</b> Equipment Code: 048-051-001108 End User: Food Section  Test Points (°C): 35, 50, 55, 60	N/A	1	8,000.00	Not More than 30 CD upon receipt of P.O.	
34	ATQAL-FDS	Calibration of Rotary Evaporator <b>Brand/Model: Buchi R-215</b> Equipment Code: 048-051-001109 End User: Food Section  Test Points (°C): 35, 50, 55, 60	N/A	1	8,000.00	Not More than 30 CD upon receipt of P.O.	
35	CTQAL-FDS	Calibration of Rotary Evaporator Rotary Evaporator Equipment <b>Brand/Model: Heidolph HEI-Vap Advantage, Heizbad type 9</b> 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.	



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



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





Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		AUW 120 AUX 120	unit -Exterior and interior cleaning -Checking of power supply and connections -Checking of mechanical parts -Checking of electronic board			Not More than <b>90 CD</b> upon receipt of P.O.	
43	DTQAL-COSTOX	Preventive Maintenance of Top Loading Balance <b>Brand: Shimadzu</b> <b>Models: UW620H</b> Capacity: 620 g	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	1	14,000.00	Not More than <b>30 CD</b> upon receipt of P.O. To Not More than <b>90 CD</b> upon receipt of P.O.	
44	DTQAL-MIC	Preventive Maintenance of Top Loading Balance <b>Brand: Shimadzu</b> <b>Models: UW4200H</b> Capacity: 4200 g With Case Assembly	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	2	46,000.00	Not More than <b>30 CD</b> upon receipt of P.O. To Not More than <b>90 CD</b> upon receipt of P.O.	
45	DTQAL-MIC	Preventive Maintenance of Top Loading Balance <b>Brand: Shimadzu</b> <b>Models: UW4200H</b> Capacity: 4200 g	Scope of Work must include the following, at a minimum: -Checking and inspection of the unit -Exterior and interior cleaning -Checking of	1	15,000.00	Not More than <b>30 CD</b> upon receipt of P.O. To Not More than <b>90 CD</b> upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			power supply and connections -Checking of mechanical parts -Checking of electronic board				
46	DTQAL-MIC	Preventive Maintenance of Top Loading Balance <b>Brand: Shimadzu</b> <b>Models: UW620H</b> Capacity: 620 g	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	1	15,000.00	Not More than <b>30 CD</b> upon receipt of P.O. To  Not More than <b>90 CD</b> upon receipt of P.O.	
<b>pH Meter</b>							
47	DTQAL-MIC	Preventive Maintenance of pH Meter Replacement of pH Electrode compatible to Mettler Toledo Item No: 30014096 <b>pH electrode</b> <b>InLab Expert Pro-ISM</b> 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	86,000.00	Not More than 30 CD upon receipt of P.O.	
<b>Fat Extraction System</b>							
48	CTQAL-FDS	Preventive Maintenance of Fat Extraction System  Fat Extraction System <b>Brand/Model: Gerhardt</b>	SCOPE OF WORK:	1	82,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<b>Soxtherm SOX 416</b>					
		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 electronic parts				
			3.) Room temperature and humidity check				
		Includes:	4.) Function and safety check				
		PM kit	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				
			9.) Verification Check of Equipment				
<b>Protein Analyzer System</b>							
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 <b>Brand/Model: Gerhardt</b>	1.) External cleaning which includes covers and all panels				
		Equipment Code: VSL-CAL-E-FDS-0072-01	2.) Internal cleaning which includes mechanical,				



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			optical, and electronic parts				
		End User: Food Section	3.) Room temperature and humidity check				
			4.) Function and safety check				
		Includes:	5.) Measurement of the internal voltages and adjustment if necessary				
		PM kit	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				
			9.) Verification Check of Equipment				
<b>Microscope</b>							
50	ATQAL-MIC	Preventive Maintenance of Microscope <b>Brand/Model: Olympus CX43</b> Equipment Code: 047-066-001688 End User: Microbiology Section	Scope of work must include the following, at a minimum -cleaning eye piece, objective, turret condenser and other lenses - check its diaphragm -greasing all moving mechanical parts	1	10,000.00	Not More than 30 CD upon receipt of P.O.	
51	ATQAL-ANT	Preventive Maintenance of Microscope <b>Brand/Model: Olympus CX31</b> Equipment Code: 047-066-001422	Scope of work must include the following, at a minimum -cleaning eye piece, objective, turret condenser	1	10,000.00	Not More than 30 CD upon receipt of P.O.	

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



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
54	ATQAL-COSTOX	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:</p> <p><b>Shimadzu HPLC Prominence LC-20AB</b> <b>Detector: PDA</b> Equipment Code: 015-052-000709 End User: Cosmetic Section</p> <p>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</p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the Internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- checking of power supply and connections</li> <li>- mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>	1	252,000.00	<p>Not More than <b>30 CD</b> upon receipt of P.O.</p> <p>To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	
55	ATQAL-ANT	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS</p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>- Installation of PM Kit</li> </ul>	1	299,000.00	<p>Not More than 30 CD upon receipt of P.O.</p>	

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



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
57	ATQAL-DRG	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:</p> <p><b>Waters Alliance HPLC</b> <b>Detector: UV-Vis Detector</b> Equipment Code: 015-056-001468 End-User: Drug Section</p> <p>Parts Replacement: 1. e2695 Separation Module Performance Verification Kit P/N: WAT270944 2. D2, TUV High Brightness Lamp PM Kit P/N: 201000281</p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>- Installation of PM Kit</li> <li>- Inspection and general cleaning</li> <li>- Post-performance and maintenance test</li> </ul>	1	299,000.00	Not More than 30 CD upon receipt of P.O.	
58	ATQAL-DRG	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:</p> <p><b>Shimadzu HPLC Prominence LC 20AD</b> <b>Detector: UV-Vis Detector</b> Equipment Code: 015-052-000703 End User: Drugs Section</p> <p>Parts Replacement: 1. HPGE PM Kit P/N: 228-59372-41</p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the Internal voltages and adjustment, if</li> </ul>	1	252,000.00	<p>Not More than <b>30 CD</b> upon receipt of P.O.</p> <p>To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	





Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		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	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				
59	ATQAL-ARS	<b>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:</b>  <b>Shimadzu HPLC Prominence LC-20AB Detector: Fluorescence Detector, Diode Array Detector</b> Equipment Code: 015-052-000711 End user: ARS Unit  Parts Replacement: 1. HPGE PM Kit P/N: 228-59372-41 2. Power Supply (SPD-M20A) 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	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	1	369,000.00	Not More than <b>30 CD</b> upon receipt of P.O.  To  Not More than <b>90 CD</b> upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			adjustments - Replacement of worn-out parts - Certification test				
60	ATQAL-ARS	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR: <b>Shimadzu HPLC Prominence LC-20ABDetector: Refractive Index Detector, UV-Vis Detector</b> Equipment Code: 015-052-000712 End user: ARS UnitParts Replacement: 1.HPGE PM Kit P/N: 228-59372-412. D2 Lamp, L6585-02 P/N: 228-34016-023. Rotor Deltrin, OP Loop P/N: 228-38556-044. Rotor, 5PV Peek wide P/N: 228-369235. 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	1	332,000.00	Not More than <b>30 CD</b> upon receipt of P.O.  To  Not More than <b>90 CD</b> upon receipt of P.O.	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
61	ATQAL-DRG	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:</p> <p><b>Shimadzu HPLC Prominence LC 20AD</b> <b>Detector: DAD Detector</b> Equipment Code: 015-052-000691 End User: Drugs Section</p> <p>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</p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the Internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- checking of power supply and connections</li> <li>- mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>	1	337,000.00	<p>Not More than <b>30 CD</b> upon receipt of P.O. To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	
62	ATQAL-DRG	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:</p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> </ul>	1	224,000.00	<p>Not More than 30 CD upon receipt of P.O. To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<p><b>Shimadzu HPLC Prominence LC 20AD, 10ATPV, Amino Analyzer</b> Equipment Code: 015-052-000702 End User: Drugs Section</p> <p>Parts Replacement: 1. LPGE PM Kit P/N: 228-59372-48 2. SIL-10AD Needle Seal P/N: 228-33355-04 3. SIL-10AD 6PV Rotor Seal P/N: 228-21217-97 4. Plunger Seal P/N: 228-35146</p>	<ul style="list-style-type: none"> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the Internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- checking of power supply and connections</li> <li>- mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>				
63	ATQAL-ANT	PREVENTIVE MAINTENANCE, INSTALLATION QUALIFICATION, OPERATIONAL QUALIFICATION, HARDWARE CHECK, AND	Scope of work must include the following, at minimum: '- External cleaning which includes covers and all the panels.	1	392,000.00	Not More than 30 CD upon receipt of P.O. dis.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<p>ADJUSTMENT WITH PARTS REPLACEMENT FOR:</p> <p><b>Shimadzu HPLC Prominence LC-20AB</b>  <b>Detector: UV-Vis</b>            Equipment Code: 015-051-000706            End user: Antibiotic Section</p> <p>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</p>	<ul style="list-style-type: none"> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the Internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- checking of power supply and connections</li> <li>- mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>				
64	ATQAL-ANT	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:</p> <p><b>Shimadzu HPLC Prominence LC-20AB</b>  <b>Detector: UV-Vis</b>            Equipment Code: 015-051-000707            End user: Antibiotic Section</p> <p>Parts Replacement:</p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>'- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of</li> </ul>	1	332,000.00	<p>Not More than 30 CD upon receipt of P.O. To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	



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				
65	ATQAL-ANT	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:  <b>Shimadzu HPLC Prominence-i LC-2030C</b> <b>Detector: UV-Vis</b> 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	1	235,000.00	Not More than <b>30 CD</b> upon receipt of P.O. To Not More than <b>90 CD</b> upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			<ul style="list-style-type: none"> <li>power supply and connections</li> <li>- mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>				
66	ATQAL-FDS	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:</p> <p><b>Shimadzu HPLC Prominence LC-20AB</b> Detector: PDA and CDD Equipment Code: 015-051-000688 End User: Food Section</p> <p>Parts Replacement: 1. Rotor Deltrin, OP Loop P/N: 228-38556-04 2. Rotor, 5PV Peek wide P/N: 228-36923 3. Plunger Seal P/N: 228-35145 4. HPGE PM Kit P/N: 228-59372-41 5. Panel Assy (LC-20AB) P/N: 228-43200-43</p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the Internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- checking of power supply and connections</li> <li>- mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>	1	298,000.00	<p>Not More than <b>30 CD</b> upon receipt of P.O. To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
67	ATQAL-FDS	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:</p> <p><b>Shimadzu HPLC Prominence LC-20AD</b> <b>Detector: UV-Vis and RF</b> Equipment Code: 015-051-000689 End User: Food Section</p> <p>Parts Replacement: 1. Rotor Deltrin, OP Loop P/N: 228-38556-04 2. Rotor, 5PV Peek wide P/N: 228-36923 3. Plunger Seal P/N: 228-35145 4. HPLC PM Kit P/N: 228-59372-41</p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the Internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- checking of power supply and connections</li> <li>- mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>	1	252,000.00	<p>Not More than <b>30 CD</b> upon receipt of P.O. To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	
68	ATQAL-DRG	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:<b>Shimadzu HPLC</b></p>	<p>Scope of work must include the following, at minimum:-</p> <ul style="list-style-type: none"> <li>External cleaning which includes covers and all the panels.- Internal cleaning which</li> </ul>	1	252,000.00	<p>Not More than <b>30 CD</b> upon receipt of P.O. To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	





Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<p><b>Prominence LC 20ABDetector: PDA</b> Equipment Code: 015-052-000690 End User: Drugs Section Parts Replacement: 1. HPGE PM Kit P/N: 228-59372-412. Rotor Deltrin, OP Loop P/N: 228-38556-043. Rotor, 5PV Peek wide P/N: 228-369234. Plunger Seal P/N: 228-35145</p>	<p>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</p>				
69	CTQAL-COSTOX	<p>SINGLE PREVENTIVE MAINTENANCE &amp; HARDWARE CHECK &amp; ADJUSTMENT w/ OPERATIONAL QUALIFICATION PART REPLACEMENT FOR:</p> <p><b>Shimadzu HPLC Prominence LC-20AD</b></p> <p>Equipment Code: VSL-CAL-E-COS-0017-01</p>	<p>Scope of work must include the following, at a minimum:</p> <p>- External cleaning which includes covers and all the panels.</p> <p>- Internal cleaning which includes mechanical, optical and electronic parts.</p>	1	222,000.00	<p>Not More than <b>30 CD</b> upon receipt of P.O. To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		End user: Cosmetic Section	- Room temperature and humidity check				
			- Function and safety check				
		Replacement of Parts:	- Measurement of the internal voltages and adjustment, if necessary				
		1. PM Parts Kit, Prominence HPGE P/N 228-59372-48	- Performance checking based on the specified criteria of the equipment				
		2. W Lamp P/N 228-34410-41	- Visual and safety check-up of instrument				
		3. Rotor, 5PV Peek Wide P/N 228-36923	- Checking of power supply and connections				
			- Mechanical adjustments				
			- Replacement of worn-out parts				
			- Certification test				
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 <b>30 CD</b> upon receipt of P.O. To  Not More than <b>90 CD</b> upon receipt of P.O.	
		<b>Shimadzu HPLC Prominence LC-20AD Detector: UV-Vis</b>	- External cleaning which includes covers and all the panels.				
		Equipment Code: VSL-CAL-E-DRG-0017-02	- Internal cleaning which includes mechanical, optical and electronic parts.				
		End user: Drug Section	- Room temperature and humidity check				
			- Function and safety check				

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Replacement of Parts:	- Measurement of the internal voltages and adjustment, if necessary				
		1. PM Kit: P/N 228-59372-41	- 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				
71	CTQAL-FDS	SINGLE PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT w/ OPERATIONAL QUALIFICATION AND PART REPLACEMENT FOR:	Scope of work must include the following, at a minimum:	1	306,000.00	Not More than <b>30 CD</b> upon receipt of P.O. To Not More than <b>90 CD</b> upon receipt of P.O.	
		<b>Shimadzu HPLC Prominence L20-AD Detector: PDA</b>	- External cleaning which includes covers and all the panels.				
		Equipment Code: VSL-CAL-E-FDS-0017-03	- Internal cleaning which includes mechanical, optical and electronic parts.				
		End user: Food Section	- Room temperature and humidity check				
			- Function and safety check				
		Replacement of Parts:	- Measurement of the internal voltages and adjustment, if necessary				



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		1. PM Kit: P/N 228-59372-41	- Performance checking based on the specified criteria of the equipment				
		2. D2 Lamp for SPD-M20A P/N 228-34016	- Visual and safety check-up of instrument				
		3. W Lamp for SPD-M20A P/N 228-34410	- Checking of power supply and connections				
		4. Rotor 5PV Peek Wide P/N 228-36923	- Mechanical adjustments				
			- Replacement of worn-out parts				
			- Certification test				
72	CTQAL-FDS	PREVENTIVE MAINTENANCE FOR:	Scope of Work must include the following, at a minimum:	1	100,000.00	Not More than <b>30 CD</b> upon receipt of P.O. To	
		<b>Shimadzu HPLC Nexera LC-40DXR</b>	- Installation of PM Kit			Not More than <b>90 CD</b> upon receipt of P.O.	
		Equipment Code: CTQAL-CAL-E-FDS-0074-01	- Inspection and General Cleaning				
		End user: Food Section	- Post-performance and 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)					



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: <b>Waters Acquity HPLC Detector: PDA</b> Equipment Code: 001-005-000930 End-User: Cosmetic-Toxicology Section Replacement of Parts: 1. ARC QSM Performance Maintenance Kit 2. ARC SM-FTN Performance Maintenance Kit 3. 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	1	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: <b>Shimadzu HPLC Prominence Detector: DAD</b> 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 <b>30 CD</b> upon receipt of P.O. To  Not More than <b>90 CD</b> upon receipt of P.O.	



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	<ul style="list-style-type: none"> <li>- Measurement of the internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- Checking of power supply and connections</li> <li>- Mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>				
75	DTQAL-ANT-DRG	SINGLE PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT w/ PART REPLACEMENT FOR: <b>Shimadzu HPLC Prominence</b> 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: <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the internal voltages and</li> </ul>	1	283,000.00	Not More than <b>30 CD</b> upon receipt of P.O. To  Not More than <b>90 CD</b> upon receipt of P.O.	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	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 - Certification test				
76	DTQAL-ANT-DRG	SINGLE PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT w/ PART REPLACEMENT FOR: <b>Shimadzu HPLC Prominence</b> 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	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	1	274,000.00	Not More than <b>30 CD</b> upon receipt of P.O. To Not More than <b>90 CD</b> upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			<ul style="list-style-type: none"> <li>- Mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>				
77	DTQAL-FDS	<p>SINGLE PREVENTIVE MAINTENANCE &amp; HARDWARE CHECK &amp; ADJUSTMENT w/ PART REPLACEMENT FOR: <b>WATERS ACQUITY Arc HPLC PDA and RI Detector</b> S/N:F19VSM574N E/C: 001-005-000908 End user: Foods Section</p> <p>Replacement of Parts: 1. ARC QSM Performance Maintenance Kit (#201000317) 2. ARC SM-FTN Performance Maintenance Kit (#201000353) 3. Acquity PDA TUV 2489/2998 PM Kit (#201000281)</p>	<p>Scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- Checking of power supply and connections</li> <li>- Mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>	1	483,000.00	Not More than 30 CD upon receipt of P.O.	





Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
78	DTQAL-FDS	<p>SINGLE PREVENTIVE MAINTENANCE &amp; HARDWARE CHECK &amp; ADJUSTMENT w/ PART REPLACEMENT FOR: <b>Agilent 1260</b> E/C: 001-061-000748 End user: Foods Section Replacement 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</p>	<p>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</p>	1	266,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
79	DTQAL-ANT-DRG	<p>SINGLE PREVENTIVE MAINTENANCE &amp; HARDWARE CHECK &amp; ADJUSTMENT w/ PART REPLACEMENT FOR: <b>Agilent 1290 UPLC</b> E/C: 001-061-000744 End user: Pharma Section</p> <p>Replacement of Parts: 1. PM kit for 1290 Quaternary 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 9. Deuterium lamp w.RFID for VWD PN: G1314-60101</p>	<p>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</p>	1	452,000.00	Not More than 30 CD upon receipt of P.O.	
<b>High-Performance Liquid Chromatograph with MS/MS</b>							



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



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 Maintenance Kit P/N: 201000309 3. 1 POWER SUPPLY, 400 WATT, 24 VDC 4. Nitrogen Generator PM Kit P/N: 08-9462					
<b>Gas Chromatograph</b>							
82	ATQAL-COSTOX	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:  <b>Shimadzu Gas Chromatograph GC-2014</b> 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	1	156,000.00	Not More than 30 CD upon receipt of P.O. To  Not More than 90 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
83	ATQAL-DRG	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:</p> <p><b>Shimadzu Gas Chromatograph GC-2014</b> Equipment Code: 033-051-001018 End User: Drugs Section</p> <p>Parts Replacement: 1. PM Kit P/N: 221-76881-42 2. Rotary Pump Oil 2L P/N: 017-30163-11</p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- Checking of power supply and connections</li> <li>- Mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>	1	141,000.00	<p>Not More than 30 CD upon receipt of P.O. To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	

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.	
		<b>Shimadzu GC-2010 Plus</b>	- 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 safety check				
		Replacement of Parts:	- Measurement of the internal voltages and adjustment, if necessary				
		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	- Visual and safety check-up of instrument				
		3. Filament Assy, 180 MM, P/N 221-41847-93	- Checking of power supply and connections				
		4. Cover for Control Unit, P/N 221-46484-01	- Mechanical adjustments				
5. Key Panel P/N 221-46478-01	- Replacement of worn-out parts						
6. PM Kit P/N 221-76870-41	- Certification test						



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
85	DTQAL-COSTOX	<p>SINGLE PREVENTIVE MAINTENANCE WITH PM KIT <b>Shimadzu Gas Chromatograph GC-2014</b> E/C: 001-003-000248 End user: Pharma, Cos, Foods Section</p> <p>Replacement of parts: 1. GC-2014 SPL FID PM Kit 2. Deactivated Glass wool</p>	<p>Scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- Checking of power supply and connections</li> <li>- Mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>	1	158,000.00	<p>Not More than 30 CD upon receipt of P.O. To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	
<b>Gas Chromatograph- MS/MS</b>							

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
86	ATQAL-FDS	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT WITH PARTS REPLACEMENT FOR:</p> <p><b>Shimadzu TQ8040</b> Equipment Code: 033-052-001844 End User: Food Section</p> <p>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</p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- Checking of power supply and connections</li> <li>- Mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>	1	277,000.00	<p>Not More than <b>30 CD</b> upon receipt of P.O.</p> <p>To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	
<b>High Performance Thin-Layer Chromatography</b>							
87	ATQAL-DRG	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT FOR:</p> <p><b>CAMAG Automatic Developing</b></p>	<p>Scope of work must include the following, at minimum:</p> <ul style="list-style-type: none"> <li>- Visual and safety check-up of instrument</li> <li>- Exterior and interior cleaning</li> <li>- Checking of</li> </ul>	1	168,000.00	Not More than 30 CD upon receipt of P.O.	





Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<b>Chamber (ADC2) CAMAG Automatic TLC Sampler 4 (ATS4) CAMAG TLC Scanner 4 CAMAG TLC Visualizer 2</b> Equipment Code: 162-068-001998 End User: Drug Section	power supply and connections -Mechanical adjustments -Certification Test -Performance Test -Diagnostic Test				
<b>Fourier-transform infrared spectrophotometer</b>							
88	ATQAL-ARS	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT FOR:  <b>Shimadzu FTIR-IR Prestige 21</b> Equipment code: 050-051-001116 End-user: ARS Unit	Scope of work must include the following, at minimum: '- Visual and safety check-up of instrument -Exterior and interior cleaning -Checking of power supply and connections -Mechanical adjustments -Certification Test -Performance Test	1	46,000.00	Not More than <b>30 CD</b> upon receipt of P.O.  To  Not More than <b>90 CD</b> upon receipt of P.O.	
<b>UV-Vis spectrophotometer</b>							
89	ATQAL-DRG	PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT FOR:  <b>Shimadzu UV-Vis Spectrophotometer UV 1800</b> Equipment Code: 041-052-001481	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	1	204,000.00	Not More than 30 CD upon receipt of P.O. To  Not More than <b>90 CD</b> upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<p>End User: Drugs Section</p> <p>Parts for Replacement</p> <p>1. CPU Assy, P/N: 206-24970</p> <p>2. Sample Compartment Assy, P/N: 206-60184-10</p> <p>3. Sample Compartment Cover, P/N: 207-22708-41</p>	<p>electronic parts.</p> <ul style="list-style-type: none"> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- Checking of power supply and connections</li> <li>- Mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>				
90	ATQAL-COSTOX	<p>PREVENTIVE MAINTENANCE, HARDWARE CHECK, AND ADJUSTMENT FOR: <b>Shimadzu UV-Vis Spectrophotometer UV 170</b></p> <p>OE/C: 041-051-001052</p> <p>End User: Cosmetics-Toxicology Section</p>	<p>Scope of work must include the following, at minimum:-</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.- Internal cleaning which includes mechanical, optical and electronic parts.-</li> <li>- Room temperature and humidity check-</li> <li>- Function and safety check-</li> <li>- Measurement of the internal</li> </ul>	1	56,000.00	<p>Not More than 30 CD upon receipt of P.O. To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
91	CTQAL-DRG	SINGLE VISIT PREVENTIVE MAINTENANCE	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	1	98,000.00	Not More than 30 CD upon receipt of P.O. To	
		& HARDWARE CHECK & ADJUSTMENT w/ OPERATIONAL QUALIFICATION FOR:	- Transfer of location of the unit			Not More than 90 CD upon receipt of P.O.	
		<b>Shimadzu UV-1700</b>	- External cleaning which includes covers and all the panels.				
		Equipment Code: VSL-CAL-E-DRG-0041-01	- 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				



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 adjustments				
			- Replacement of worn-out parts				
			- Certification test				
92	DTQAL-COSTOX	SINGLE PREVENTIVE MAINTENANCE <b>Shimadzu UV-Vis Spectrophotometer UV 1700</b> 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 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	1	46,000.00	Not More than 30 CD upon receipt of P.O. To  Not More than 90 CD upon receipt of P.O.	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			<ul style="list-style-type: none"> <li>connections</li> <li>- Mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>				
93	DTQAL-ANT-DRG	<p>SINGLE PREVENTIVE MAINTENANCE</p> <p><b>Shimadzu UV-Vis Spectrophotometer UV 1900</b></p> <p>E/C: 001-003-000907</p> <p>End user: Pharma Section</p>	<p>Scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- Transfer of location of the unit</li> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- Checking of power supply and connections</li> <li>- Mechanical adjustments</li> <li>- Replacement of</li> </ul>	1	50,000.00	<p>Not More than 30 CD upon receipt of P.O. To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	

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



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<p>End user: Cosmetics- Toxicology Section</p> <p>Parts for replacements: 1. O-Ring Set, 68-4D P/N: 206-82037-92 2. Capillary Nebulizer P/N: SSSOA3X38597-1EA</p>	<p>the internal voltages and adjustment, if necessary</p> <ul style="list-style-type: none"> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- Checking of power supply and connections</li> <li>- Mechanical adjustments</li> <li>- Replacement of worn-out parts</li> <li>- Certification test</li> </ul>				
96	ATQAL-COSTOX	<p>SINGLE PREVENTIVE MAINTENANCE &amp; HARDWARE CHECK &amp; ADJUSTMENT OF: <b>Atomic Absorption Spectrophotometer Shimadzu AA-6800 with Graphite Furnace Analyzer</b> S/N: A30304402223 Equipment Code: 034-052-001020 End user: Cosmetics-Toxicology Section</p> <p>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</p>	<p>Scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- External cleaning which includes covers and all the panels.</li> <li>- Internal cleaning which includes mechanical, optical and electronic parts.</li> <li>- Room temperature and humidity check</li> <li>- Function and safety check</li> <li>- Measurement of the internal voltages and adjustment, if necessary</li> <li>- Performance checking based on the specified criteria of the equipment</li> <li>- Visual and safety check-up of instrument</li> <li>- Checking of</li> </ul>	1	283,000.00	<p>Not More than 30 CD upon receipt of P.O.</p> <p>To</p> <p>Not More than 90 CD upon receipt of P.O. mo</p>	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			power supply and connections - Mechanical adjustments - Replacement of worn-out parts - Certification test				
97	CTQAL-FDS	SINGLE PREVENTIVE MAINTENANCE & HARDWARE CHECK & ADJUSTMENT w/ OPERATIONAL QUALIFICATION OF: <b>Shimadzu AA-7000</b> Equipment Code: VSL-CAL-E-FDS-0004-01 End User: Food Section	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	1	103,000.00	Not More than 30 CD upon receipt of P.O. To  Not More than <b>90 CD</b> upon receipt of P.O. mo	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			- Mechanical adjustments				
			- Replacement of worn-out parts				
			- Certification test				
<b>Inductively Coupled Plasma Optical Emission Spectrometry</b>							
98	DTQAL-COSTOX	Preventive Maintenance of ICP-OES <b>Brand/Model: ThermoScientific ICAP 7400</b> E/C: 001-005-000854 End User: CosTox, Foods Section	Scope of Work: A. Visual Inspection – checking for evident and probable part failures on the systems. B. General 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 solenoid valves	1	296,000.00	Not More than 30 CD upon receipt of P.O.	



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



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<b>ETHOS-1</b> Equipment Code: VSL-CAL-E-FDS-0027-01 End user: Food Section	1.) External cleaning which includes covers and all panels				
			2.) Internal 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				
<b>Disintegration Tester</b>							
100	ATQAL-DRG	Preventive Maintenance and Technological Services of Disintegration Tester <b>Brand/Model: Erweka ZT722</b> Equipment Code: 040-138-001968 End User: Drugs Section	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	1	12,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
101	DTQAL-ANT-DRG	Preventive Maintenance and Technological Services of Disintegration Tester <b>Brand name/Model: LOGAN DST-3</b> E/C: 001-003-000342 End User: Drug Section	<ul style="list-style-type: none"> <li>- Checking of water circulation</li> <li>- Verification of bath temperature</li> <li>- Verification of vessel temperature</li> <li>- Verification of immersion depth (immersion depth gauge, distance shaft)</li> <li>- Checking of basket immersion depth</li> <li>- Timer verification/qualification</li> </ul>	1	52,000.00	<p>Not More than <b>30 CD</b> upon receipt of P.O.</p> <p>To</p> <p>Not More than <b>90 CD</b> upon receipt of P.O.</p>	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
<b>Water Production System</b>							
102	ATQAL-COSTOX	Preventive Maintenance Service Plan for Milli-Q Reference A+ <b>Brand: Merck</b> 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/sanitize PE tank - secure all connections - calibrate volume dispensing - measure product water conductivity - perform test run - issue service report and service tag sticker	1	45,000.00	Not More than 30 CD upon receipt of P.O.	
103	ATQAL-RRU	Preventive Maintenance Service for RIOS-50 <b>Brand: Merck</b> 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.	

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



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			(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-DRG	PREVENTIVE MAINTENANCE OF TYPE I AND II WATER SYSTEM	SCOPE OF WORK:	1	598,000.00	Not More than 30 CD upon receipt of P.O.	
		<b>Labwater System:</b>	* For Elix Essential 3:				
		<b>a.) Elix Essential 3 (type II)</b>	a. Feed Water Conductivity				
		<b>b.) Synergy UV (type I)</b>	b. RO Permeate Water Conductivity				
		Equipment Code: VSL-CAL-E-DRG-0065-01	c. Product Water Resistivity				
		End User: Drug Section	d. Product Water Temperature				
			e. Product Water Flowrate				
		Includes:	*For MQ-Synergy UV:				



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		1. Maintenance kit for Elix, Cat No.: ZF3000527	a. Product Water Resistivity				
		2. Maintenance Kit for Smart: Cat No.: ZF3000320	b. Product Water Flowrate				
		3. Service Essential Elix, Cat No.: SERVESSIELIX	c. Product Water Temperature				
		4. Service Essential Synergy, Cat No.: SERVESSISMT	d. Feed Water				
		5. Elix 3 EDI Module, Cat No. ZLXOEDI03	e. UV Lamp Activation				
		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.: MPPG04001					
106	DTQAL-MIC ANT-DRG	Preventive Maintenance Service Plan for Thermo Scientific Genpure 7171 (2 units) <b>Brand: ThermoScientific</b> Micro Equipment Code: 001-013-000599	Preventive Maintenance Service Plan for Thermo Scientific Genpure 7171 (2 units) Brand: ThermoScientific Scope of work includes the 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	1	55,000.00	Not More than 30 CD upon receipt of P.O.	



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 <b>Brand: PALL</b>	<p>Scope of work includes the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- Perform initial test run and general cleaning</li> <li>- inspect/replace water tubing hose and connectors</li> <li>- measure product water conductivity</li> <li>- Installation of filters and other parts</li> </ul> <p>With replacement of the following:</p> <ol style="list-style-type: none"> <li>1. 2 pcs. Pretreatment Twin-Cartridge 1 (PP, 5um+5um)P/N: LWFS32102 (replacement every 6 months)</li> <li>2. 1 pc. Pretreatment Twin-Cartridge 4 ACP/N: LWFS32104 (replacement once a yr)</li> <li>3. 2 pcs. Ultrapure</li> </ol>	2	420,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			Cartridge 1 RO feedP/N: LWFS32201 (replacement once a yr) 4. 1 pc.Ultrapore 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				
<b>Rotary Evaporator</b>							
108	ATQAL-DRG	Preventive Maintenance with replacement of parts Vacuum Hose - 2 meters (PN: 017622) Screw Cap with Seal (PN: 41999) <b>Brand/Model: Buchi R205</b>	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	1	30,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		Equipment Code: 048-051-001111 End User: Drug Section	connections - Checking of mechanical parts - Checking of electronic board - Checking of water circulation - Verification of bath temperature - Timer verification/qualification				
<b>Cobalt 60</b>							
109	PLSD	Cobalt 60 machine Brand: <b>Theratron</b> Model: <b>Phoenix</b> SN: 107	Preventive Maintenance of Co-60 machine 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 control, table motion control,	2	272,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			<p>optical distance indicator, hand control, and console</p> <ul style="list-style-type: none"> <li>- Repair of defective units during the inspection, subject to availability of replacement parts (quotation shall be provided for evaluation of the SSDL personnel)</li> <li>- Submission of Service report, which includes findings, actions taken and recommendation from each PMS visit.</li> <li>-PMS visit shall be done two (2) times within the contract. Second scheduled PMS shall be in coordination with the SSDL Personnel.</li> </ul>				
<b>Rapid Microbiological Identification Apparatus</b>							
110	ATQAL-MIC	Preventive Maintenance of <b>Biomeriux Vitek 2 Compact</b> 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/Name: Biomeriux	1	100,000.00	Not More than 30 CD upon receipt of P.O.	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		: <b>Biomeriux Vitek 2</b> End User: Microbiology Section	Vitek 2 End User: Microbiology Section Scope of Work must include the following at a minimum:- Inspect clean removal of dust and debris from the vital parts of the microbiological identification system.- Replacement of belts, springs, screws, sealer wire and static brush.				
<b>Calibration and Preventive Maintenance</b>							
<b>Karl Fisher Titrator</b>							
112	ATQAL-ANT	Calibration and Preventive Maintenance of Karl Fisher (KF) Titrator Brand <b>Name/Model: Mettler-Toledo KF V20 Titrator</b> 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/Verification of stirrer, sensor, burette and pump -Mechanical adjustments -Replacement of worn out parts (if available) -Certification Test -Performance Test	1	54,000.00	Not More than 30 CD upon receipt of P.O.	
<b>Potentiometric Titrator</b>							



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
113	CTQAL-DRG	PREVENTIVE MAINTENANCE AND CALIBRATION OF POTENTIOMETRIC TITRATOR AND KARL FISCHER TITRATOR:	Scope of Work must include the following, at a minimum:	1	60,000.00	Not More than 30 CD upon receipt of P.O.	
		<b>KEM AT 710M/B, MKV710B</b>					
		Equipment Code: CTQAL-CAL-E-DRG-0070-01	Preventive Maintenance Service:				
		End User: Drug Section	Cleaning of main unit, tubings, burette, volume validation of burette				
			Calibration:				
		Calibration:	pH Buffer solution (for Automatic Titrator)				
		pH Buffer solution (for Automatic Titrator)	Water Standard (for KF Titrator)				
	Water Standard (for KF Titrator)						
<b>Moisture Balance</b>							
114	DTQAL-FDS	Calibration and Preventive Maintenance of Moisture Balance <b>Brand/Model: Shimadzu MOC-120H</b> E/C:001-003-000285 Capacity: 120 g Readability: 0.001 g	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	1	36,000.00	Not More than 30 CD upon receipt of P.O. To  Not More than <b>90 CD</b> upon receipt of P.O. diss	
<b>Dissolution Apparatus</b>							



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  <b>Brand/Model:</b> <b>Logan UDT 804</b> 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 - Performance test	1	56,000.00	Not More than <b>30 CD</b> upon receipt of P.O. To  Not More than <b>90 CD</b> upon receipt of P.O.	
116	ATQAL-ANT	Calibration and Preventive Maintenance of Dissolution Apparatus  <b>Brand/Model:</b> <b>Logan UDT 804</b> Equipment Code: 039-052-001044  039-052-001045 End User: Antibiotic 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 - Performance test	2	112,000.00	Not More than <b>30 CD</b> upon receipt of P.O. To  Not More than <b>90 CD</b> upon receipt of P.O.	
117	DTQAL-ANT-DRG	Preventive Maintenance and Calibration of Dissolution Apparatus Brand <b>Name/Model:</b>	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 <b>30 CD</b> upon receipt of P.O. To	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<b>Logan UDT 804</b> Maintenance Parts: Hose for Water Discharge (2m) Vessel Covers  E/C: 001-003-000343 End User: Antibiotic Section and Drug Section	hoses, circulating motor, heater assembly, belts, and motor. -Checking and verification of set temperature and rotation speeds.			Not More than <b>90 CD</b> upon receipt of P.O	
<b>Digestion and Fat Extraction Unit</b>							
118	DTQAL-COSTOX	Preventive Maintenance and Calibration of Microwave Digestion Unit <b>Brand: Milestone Ethos One and Ethos Up</b> 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	<b>Not More than 30 CD upon receipt of P.O.</b>	
119	DTQAL-FDS	Preventive Maintenance and Calibration of Muffle Furnace <b>Brand: Microwave Muffle Furnace MA194</b> 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.	



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.				
<b>Microplate Reader</b>							
120	ATQAL-FDS	Preventive Maintenance with calibration of <b>Thermop Scientific Multiskan Sky</b> Equipment Code: 172-051-002060 End User: Food Section	Scope of Work must include the following, at minimum: 1. Checking and cleaning 2. Instrument diagnostics 3. Functional and performances tests	1	58,000.00	Not More than 30 CD upon receipt of P.O.	
<b>Autoclave</b>							
121	CTQAL-MIC	Calibration and Preventive Maintenance of Autoclave <b>Brand/Model: ALP KY 23D</b> Equipment Code: VSL-CAL-E-MIC-0006-01 Brand/Model: Huxley HL-340 VSL-CAL-E-MIC-0006-02 End User: Microbiology Section	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	2	20,000.00	Not More than 30 CD upon receipt of P.O.	
<b>Preventive Maintenance and Recertification</b>							
<b>Laboratory Fumehood</b>							



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
122	ATQAL-ANT	<p>Preventive Maintenance and Recertification of Fumehood <b>Brand/Model: ESCO, EFA-6UDRVW-8</b> Equipment Code: 019-102-001698</p> <p>019-102-001700 End User: Antibiotic Section</p>	<p>Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- Face velocity test (25%, 50% 100% Sash Opening)</li> <li>- Smoke visualization test</li> <li>- Noise level test</li> <li>- Light intensity test</li> </ul> <p>Preventive Maintenance scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- General Cleaning</li> <li>- Check Power Supply and electrical connections</li> <li>- Check Exhaust Sensor or other similar sensor</li> <li>- Ensure window mechanism work well at 3 positions</li> <li>- Inspect for any visible signs of leakages</li> <li>- Check control panel and indicators, fluorescent lamps and other controls</li> <li>- Check display readings and alarm. Recalibrate if needed.</li> </ul>	2	60,000.00	Not More than 30 CD upon receipt of P.O.	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
123	ATQAL-ANT	Preventive Maintenance and Recertification of Fumehood <b>Brand/Model: ESCO, EFH-6B3</b> Equipment Code: 019-051-000835 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 positions- 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.	1	30,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
124	ATQAL-DRG	Preventive Maintenance and Recertification of Fumehood <b>Brand/Model: ESCO, EFA-6UDRVW-8</b> Equipment Code: 019-134-001694, S/N: 2020-147092 End User: Drugs Section	<p>Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- Face velocity test (25%, 50% 100% Sash Opening)</li> <li>- Smoke visualization test</li> <li>- Noise level test</li> <li>- Light intensity test</li> </ul> <p>Preventive Maintenance scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- General Cleaning</li> <li>- Check Power Supply and electrical connections</li> <li>- Check Exhaust Sensor or other similar sensor</li> <li>- Ensure window mechanism work well at 3 positions</li> <li>- Inspect for any visible signs of leakages</li> <li>- Check control panel and indicators, fluorescent lamps and other controls</li> <li>- Check display readings and alarm. Recalibrate if needed.</li> </ul>	1	30,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
125	ATQAL-DRG	Preventive Maintenance and Recertification of Fumehood <b>Brand/Model: ESCO, EFA-6UDRVW-8</b> Equipment Code: 019-134-0019696, S/N: 2020-147091 End User: Drugs Section	<p>Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- Face velocity test (25%, 50% 100% Sash Opening)</li> <li>- Smoke visualization test</li> <li>- Noise level test</li> <li>- Light intensity test</li> </ul> <p>Preventive Maintenance scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- General Cleaning</li> <li>- Check Power Supply and electrical connections</li> <li>- Check Exhaust Sensor or other similar sensor</li> <li>- Ensure window mechanism work well at 3 positions</li> <li>- Inspect for any visible signs of leakages</li> <li>- Check control panel and indicators, fluorescent lamps and other controls</li> <li>- Check display readings and alarm. Recalibrate if needed.</li> </ul>	1	30,000.00	Not More than 30 CD upon receipt of P.O.	



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: <b>ESCO, EFA-6UDRVW-8</b> Equipment Code: 019-134-001948 End User: Drugs Section	<p>Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- Face velocity test (25%, 50% 100% Sash Opening)</li> <li>- Smoke visualization test</li> <li>- Noise level test</li> <li>- Light intensity test</li> </ul> <p>Preventive Maintenance scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- General Cleaning</li> <li>- Check Power Supply and electrical connections</li> <li>- Check Exhaust Sensor or other similar sensor</li> <li>- Ensure window mechanism work well at 3 positions</li> <li>- Inspect for any visible signs of leakages</li> <li>- Check control panel and indicators, fluorescent lamps and other controls</li> <li>- Check display readings and alarm. Recalibrate if needed.</li> </ul>	1	30,000.00	Not More than 30 CD upon receipt of P.O.	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
127	ATQAL-DRG	Preventive Maintenance and Recertification of Fumehood <b>Brand/Model: ESCO, EFA-6UDRVW-8</b> Equipment Code: 019-134-001946 S/N: 2021-178251 End User: Drugs Section	<p>Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- Face velocity test (25%, 50% 100% Sash Opening)</li> <li>- Smoke visualization test</li> <li>- Noise level test</li> <li>- Light intensity test</li> </ul> <p>Preventive Maintenance scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- General Cleaning</li> <li>- Check Power Supply and electrical connections</li> <li>- Check Exhaust Sensor or other similar sensor</li> <li>- Ensure window mechanism work well at 3 positions</li> <li>- Inspect for any visible signs of leakages</li> <li>- Check control panel and indicators, fluorescent lamps and other controls</li> <li>- Check display readings and alarm. Recalibrate if needed.</li> </ul>	1	30,000.00	Not More than 30 CD upon receipt of P.O.	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
128	ATQAL-DRG	Preventive Maintenance and Recertification of Fumehood <b>Brand/Model: ESCO, EFA-6UDRVW-8</b> Equipment Code: 019-134-001950 S/N: 2021-178249 End User: Drugs Section	<p>Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- Face velocity test (25%, 50% 100% Sash Opening)</li> <li>- Smoke visualization test</li> <li>- Noise level test</li> <li>- Light intensity test</li> </ul> <p>Preventive Maintenance scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- General Cleaning</li> <li>- Check Power Supply and electrical connections</li> <li>- Check Exhaust Sensor or other similar sensor</li> <li>- Ensure window mechanism work well at 3 positions</li> <li>- Inspect for any visible signs of leakages</li> <li>- Check control panel and indicators, fluorescent lamps and other controls</li> <li>- Check display readings and alarm. Recalibrate if needed.</li> </ul>	1	30,000.00	Not More than 30 CD upon receipt of P.O.	





Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
129	ATQAL-DRG	<p>Preventive Maintenance, Recertification and Replacement of Parts of Fumehood <b>Brand/Model: ESCO, ADC-3A3</b> Equipment Code: 019-076-002132 End User: Drugs Section</p> <p>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)</p>	<p>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</p> <p>Installation of parts</p> <p>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 positions - 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.</p>	1	30,000.00	Not More than 30 CD upon receipt of P.O.	



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 <b>Brand/Model: ESCO, EFA-6UDRVW-8</b> Equipment Code: 019-134-001982 End 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 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 positions- 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.	1	30,000.00	Not More than 30 CD upon receipt of P.O.	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
131	ATQAL-COSTOX	Preventive Maintenance and Recertification of Fumehood <b>Brand/Model: ESCO, EFA-6UDRVW-8</b> Equipment Code: 019-134-001984 End User: Cosmetics-Toxicology Section	<p>Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- Face velocity test (25%, 50% 100% Sash Opening)</li> <li>- Smoke visualization test</li> <li>- Noise level test</li> <li>- Light intensity test</li> </ul> <p>Preventive Maintenance scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- General Cleaning</li> <li>- Check Power Supply and electrical connections</li> <li>- Check Exhaust Sensor or other similar sensor</li> <li>- Ensure window mechanism work well at 3 positions</li> <li>- Inspect for any visible signs of leakages</li> <li>- Check control panel and indicators, fluorescent lamps and other controls</li> <li>- Check display readings and alarm. Recalibrate if needed.</li> </ul>	1	30,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
132	ATQAL-ARS	Preventive Maintenance and Recertification of Fumehood <b>Brand/Model: ESCO,EFA-6UDRVW-8</b> Equipment Code: 019-134-001966 End User: ARS Unit	<p>Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- Face velocity test (25%, 50% 100% Sash Opening)</li> <li>- Smoke visualization test</li> <li>- Noise level test</li> <li>- Light intensity test</li> </ul> <p>Preventive Maintenance scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- General Cleaning</li> <li>- Check Power Supply and electrical connections</li> <li>- Check Exhaust Sensor or other similar sensor</li> <li>- Ensure window mechanism work well at 3 positions</li> <li>- Inspect for any visible signs of leakages</li> <li>- Check control panel and indicators, fluorescent lamps and other controls</li> <li>- Check display readings and alarm. Recalibrate if needed.</li> </ul>	1	30,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
133	ATQAL-FDS	Preventive Maintenance and Recertification of Fumehood <b>Brand/Model: ESCO, EFA-6UDRVW-8</b> 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  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 positions - 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.	3	90,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
134	CTQAL-FDS/DRG/COS	Re-Certification and Preventive Maintenance of Fume Hood	Recertification scope of work must be based on ANSI/ASHRAE 110 or equivalent standard and must include the following, at a minimum:	5	150,000.00	Not More than 30 CD upon receipt of P.O.	
		Fume Hood	- Face velocity test (25%, 50% 100% Sash Opening)				
		<b>Brand/Model: Kewaunee Supreme Air Perchloric, 60"</b> Equipment Code: VSL-CAL-E-DRG-0014-07	- Smoke visualization test				
		VSL-CAL-E-DRG-0014-08	- Noise level test				
		VSL-CAL-E-FDS-0014-06 VSL-CAL-E-COS-0014-09 Brand/Model: Uni-Phil Danzen	- Light intensity test				
		VSL-CAL-E-FDS-0014-05					
			Preventive Maintenance scope of work must include the following, at a minimum:				
		End User: Food/Drug/Cosmetic Sections	- General Cleaning				
			- Check Power Supply and electrical connections				
			- Check Exhaust Sensor or other similar sensor				
	- Ensure window mechanism work well at 3 positions						



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			- 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-COSTOX, FDS, ANT-DRG	Preventive Maintenance of Fumehoods and Canopy Hoods Equipment Codes: <b>Canopy Hood</b> (Tox Analysis Room): S/N: 100120398 <b>Canopy Hood</b> (Hot Room): S/N: 100120399 <b>Labconco Protector Xstream</b> ( Drugs Analytical Room): S/N: 140795403 B <b>Labconco Protector Xstream</b> ( Foods Analytical Room): S/N: 140795404 B <b>Labconco Protector Xstream</b> (ICP Room) :S/N: 140795405 B <b>Labconco</b> (Antibiotic) S/N: 090199116 B <b>labconco</b> (Biohazard Room) S/N: 090299161 B	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.	7	210,000.00	Not More than 30 CD upon receipt of P.O.	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
136	DTQAL-ANT-DRG, MIC, COSTOX, & FDS	Re-certification of Fume Hood and Canopy Hood Equipment Codes: <b>Canopy Hood</b> (Tox Analysis Room): S/N: 100120398 <b>Canopy Hood</b> (Hot Room): S/N: 100120399 <b>Labconco Protector Xstream</b> ( Drugs Analytical Room): S/N: 140795403 B <b>Labconco Protector Xstream</b> ( Foods Analytical Room): S/N: 140795404 B <b>Labconco Protector Xstream</b> (ICP Room) :S/N: 140795405 B <b>Labconco</b> (Antibiotic) S/N: 090199116 B <b>labconco</b> (Biohazard Room) S/N: 090299161 B 2 units <b>Pacific Vinitex A15</b>	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	10	300,000.00	Not More than 30 CD upon receipt of P.O.	
<b>Laminar Flow Hood</b>							
137	CTQAL-MIC	Re-certification and Preventive Maintenance of Laminar Flow Hood  <b>Brand/Model: ESCO AHC303</b>	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:	1	30,000.00	Not More than 30 CD upon receipt of P.O.	





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/decontaminate work tray using IPA				
			c) Check Alarm Function				
			d) Check Electrical Panel				
			e) Verify Air Velocity				
<b>Biosafety Cabinet</b>							
138	ATQAL-FDS	Preventive Maintenance and Re-certification of Biosafety Cabinet <b>Brand/Model: Thermo Electron Corporation Forma Class II, A2</b> Equipment Code: 019-051-000825 End User: Food Section	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- Filter Leak Test- Site Installation,	1	35,000.00	Not More than 30 CD upon receipt of P.O.	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			<p>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 Velocity</p>				
139	ATQAL- ANT	<p>Preventive Maintenance and Re-certification of Laminar Flow Hood <b>Brand/Model:</b> <b>Dalton</b> Equipment Code: 019-051-000836 End User: Antibiotic Section</p>	<p>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: a) Downflow Air Velocity Test b) Particle Count Test c) Light Intensity Test d) Noise Level Test e) UV Light Intensity Test</p> <p>Preventive Maintenance scope of work must include the following, at a minimum: a) Clean interior/exterior</p>	1	35,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
140	ATQAL-ANT	Preventive Maintenance and/or Re-certification of Biosafety Cabinet <b>Brand/Model: Holten</b> Equipment Code: 019-051-000837  019-051-000838 End User: Antibiotic Section	<p>b) Clean/decontaminate work tray using IPA c) Check Alarm Function d) Check Electrical Panel e) Verify Air Velocity</p> <p>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 - Filter Leak Test - Site Installation, Alarms Verification Test - Smoke Pattern Test - UV Light Radiation Test - Light Intensity Test - Noise Level Test</p> <p>Preventive Maintenance scope of work must include the following, at a minimum: a) Clean interior/exterior b) Clean/decontaminate work tray using IPA c) Check Alarm Function d) Check Electrical Panel</p>	1	35,000.00	Not More than 30 CD upon receipt of P.O.	



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 <b>Baker SG403TX (BSC)</b> 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.	

Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		019-051-000840 End User: Microbiology Section	<p>equivalent standard and must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>- Inflow Velocity Test</li> <li>- Down Flow Velocity Test</li> <li>- Filter Leak Test</li> <li>- Site Installation, Alarms Verification Test</li> <li>- Smoke Pattern Test</li> <li>- UV Light Radiation Test</li> <li>- Light Intensity Test</li> <li>- Noise Level Test</li> </ul> <p>Preventive Maintenance scope of work must include the following, at a minimum:</p> <ul style="list-style-type: none"> <li>a) Clean interior/exterior</li> <li>b) Clean/decontaminate work tray using IPA</li> <li>c) Check Alarm Function</li> <li>d) Check Electrical Panel</li> <li>e) Verify Air Velocity</li> </ul>				
142	ATQAL-MIC	Preventive Maintenance and Re-certification of	Recertification scope of work	1	35,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<b>Dalton 3-BSCI30011BS</b> Equipment Code: 019-051-000841 (BSC) End User: Microbiology Section	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 - 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/decontaminate work tray using IPA c) Check Alarm Function d) Check Electrical Panel e) Verify Air Velocity				
143	CTQAL-FDS/MIC	RE-CERTIFICATION AND PREVENTIVE MAINTENANCE OF BIOLOGICAL SAFETY CABINET	Re-Certification Includes:  a. Downflow Air Velocity Test	3	105,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<b>Brand/Model: Telstar BIO II AM</b>	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				
			i. Site Installation Test				
			h. UV Light Intensity Test				
			Annual Preventive Maintenance Includes:				
			a. Clean interior/exterior of BSC				
			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  <b>Brand/Model: Esco LB2-4B3</b> Equipment Code: 006-018-000158, Brand/Model: Biobase E/C:006-077-000906	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	2	70,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			<p>Test</p> <ul style="list-style-type: none"> <li>- Down Flow Velocity Test</li> <li>- Filter Leak Test</li> <li>- Site Installation, Alarms Verification Test</li> <li>- Smoke Pattern Test</li> <li>- UV Light Radiation Test</li> <li>- Light Intensity Test</li> <li>- Noise Level Test</li> </ul> <p>Preventive Maintenance scope of work must include the following, at a minimum:</p> <ol style="list-style-type: none"> <li>a) Clean interior/exterior</li> <li>b) Clean/decontaminate work tray using IPA</li> <li>c) Check Alarm Function</li> <li>d) Check Electrical Panel</li> <li>e) Verify Air Velocity</li> </ol>				
<b>Preventive Maintenance and Requalification of Sterility Room</b>							





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	<p>On-Site Preventive Maintenance and Requalification of Sterility Room HVAC</p> <p>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</p> <p>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)</p>	1	413,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
			<p>On site Replacement of UV Lamp on Sterility Room Pass box for CSL Antibiotic Section, to include supply of 1 UV lamp</p> <p>General Requirement: Mobilization, Transportation to site</p>				
<b>Repair and Preventive Maintenance</b>							
146	DTQAL-FDS	<p>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 <b>Brand/Model:</b> <b>Gerhardt Soxtherm</b> Equipment Code:001-024-000333 End User: Foods</p>	<p>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</p>	1	135,000.00	Not More than 30 CD upon receipt of P.O.	
147	ATQAL-FDS	<p>Repair and Installation of Parts for Fat Extractor: <b>Brand/Model</b></p>	<p>Scope of work must include the following, at a minimum:</p>	1	49,000.00	Not More than 30 CD upon receipt of P.O.	



Item No.	End-user	Particulars	Scope of Work	Qty	Total Price	Schedule of Technological Service	Statement of Compliance
		<p><b>Buchi/E-816:</b></p> <p>Parts for replacement: 1 pcs of Reflective Photologic Sensor (set cable sensor front) P/N: 11066709</p> <p>Equipment Code: 118-051-001398 End User: Foods</p>	<ol style="list-style-type: none"> <li>1. Remove old defective sensor.</li> <li>2. Install new sensor.</li> <li>3. Testing of equipment extraction and run.</li> </ol>				
148	ATQAL-COSTOX	<p>Preventive Maintenance and Calibration Services via Onsite with a total of 1 emergency visit for Microwave Digestion System:</p> <p><b>Brand/Model: Milestone Ethos UP</b> E/C: 035-053-001970 End-user: Cosmetic-Toxicology Section</p>	<p>Scope of Work must include the following, at a minimum:</p> <ol style="list-style-type: none"> <li>1. Perform PMS and Calibration as per Milestone Standard Procedure</li> <li>2. Functionality Testing</li> </ol>	1	21,000.00	Not More than 30 CD upon receipt of P.O.	
149	ATQAL-DRG	<p>Repair and Installation of Parts for Shimadzu Nexera-40</p> <p><b>Brand/Model: Shimadzu Nexera-40</b> Detector: PDA E/C: 015-052-001954</p> <p>Parts for replacement: 1. Plunger (Measuring Pump) P/N: 228-35010-92 2. HPV Rotor P/N: 228-71780-42</p> <p>End User: Drug</p>	<p>Scope of Work must include the following, at a minimum:</p> <ol style="list-style-type: none"> <li>1. Remove and replace defective HPV rotor and plunger</li> <li>2. Perform PMS and Functionality Testing</li> </ol>	1	103,000.00	<p>Not More than 30 CD upon receipt of P.O.</p> <p>To</p> <p>Not More than 90 CD upon receipt of P.O.</p>	



