



BIDS AND AWARDS COMMITTEE

BAC RESOLUTION For ITB No. 2021-0093-ATQAL

PROCUREMENT FOR THE CALIBRATION, PREVENTIVE MAINTENANCE, VERIFICATION, CERTIFICATION AND RE-CERTIFICATION OF VARIOUS LABORATORY EQUIPMENT OF ALABANG TESTING AND QUALITY ASSURANCE LABORATORY (ATQAL) AND PHYSICS LABORATORY SUPPORT DIVISION (PLSD)

WHEREAS, the Food and Drug Administration (FDA), through the **General Appropriations Act (GAA)** amounting to **Forty One Thousand Pesos (Php 41,000.00)** and **FDA-Special Account in the General Fund (SAGF)** amounting to **One Million Four Hundred Thirty Five Thousand Pesos (Php 1,435,000.00)** for FY 2021 intends to apply the aggregate sum of **One Million Four Hundred Seventy Six Thousand Pesos (Php 1,476,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for the **Procurement for the Calibration, Preventive Maintenance, Verification, Certification and Re-Certification of Various Laboratory Equipment of ATQAL and PLSD;**

WHEREAS, the above-mentioned procurement project was explicitly indicated in the approved FDA Annual Procurement Plan for the Fiscal Year 2021;

WHEREAS, on 24 May 2021, a Pre-Procurement Conference was held online via Zoom meeting (link: <https://zoom.us/j/96541697684?pwd=NksrQURGeHQrL2xxbW5JS29xa2ZUdz09>) and presided by the BAC Chairperson with BAC Members, Technical Working Group (TWG), End-user and BAC Secretariat in attendance;

WHEREAS, the documentary requirements and technical specifications were evaluated by the FDA-BAC, the modality of procurement to be adopted was discussed and the readiness to proceed with the conduct of Public Bidding activities for the above-mentioned procurement project were reviewed and assessed;

WHEREAS, on 28 May 2021, the Food and Drug Administration – Bids and Awards Committee (FDA-BAC) posted an Invitation to Bid (ITB) No. 2021-0093-ATQAL with the above project title in the PHILGEPS and FDA Websites and in a conspicuous place at the FDA premises;



[Handwritten signatures and initials]

WHEREAS, letters of invitation were sent to National Citizens' Movement for Free Elections (NAMFREL), Philippine Chamber of Commerce and Industry, and FDA-Commission of Audit (COA) requesting their organization for representatives to observe the conduct of Public Bidding during the Pre-Bid Conference, Opening of Bids, Bid Evaluation and Post-Qualification proceedings. However, despite invitation to said BAC Observers, they failed to attend the public bidding activities for this procurement project;

WHEREAS, a quorum of FDA-BAC-Members was established in every stage of Public Bidding activities and proceedings for the above-mentioned procurement;

WHEREAS, on 08 June 2021, a Pre-bid Conference was held online via Zoom Meeting (link: <https://zoom.us/j/92658856511?pwd=QzBoRlFtak02dDJleGJqTmF2c2VlZz09>) and was attended by two (2) prospective bidders namely: (1) Southern Metrology and Calibration Services, Inc., and (2) JARCET Business Shared Services (Philippines), Inc. The BAC informed all prospective bidders that the procurement of the above-mentioned project will proceed following the regular public bidding requirements as prescribed in RA 9184. The BAC reiterated the presentation of the original copy of the government issued documents and other legal documents. Further, all documentary requirements shall be valid and updated upon submission of the bids;

WHEREAS, on 21 June 2021, the submission and opening of bids, and preliminary bid evaluation for the aforementioned procurement project was held at the FDA BAC Secretariat Room, 2/F Annex Building;

WHEREAS, two (2) prospective bidders participated in this procurement project namely:

1. **PREMIER PHYSIC METROLOGIE INC.** and
2. **SOUTHERN METROLOGY AND CALIBRATION SERVICES, INC.**

WHEREAS, the bid documents submitted by the above-mentioned prospective bidders were all signed and sealed in one mother envelope in compliance with ITB Clause No. 20.3 of the Bid Data Sheet. Each sealed envelope submission contains the technical component (eligibility and technical documents) and the financial components with the bid price proposals;

WHEREAS, the FDA-BAC conducted the preliminary and eligibility screening of bid documents through non-discretionary **PASSED** or **FAILED** criterion using the checklist of documentary requirements for the opening of bids;



WHEREAS, the original copies of bid documents submitted by the above-mentioned two (2) prospective bidders were opened, read and evaluated by the FDA-BAC Chairperson. The Copies 1 and 2 of the same bid document envelopes were given to the BAC members;

WHEREAS, the initial evaluation of the documents started with the technical components consisting of legal, technical and financial documents. The bidder's representatives were called upon to conduct simultaneous bid validation with the BAC. The bid evaluation of financial components of the above prospective bidder were set-aside and read after the evaluation of technical component documents were all done;

WHEREAS, during the course of bid documents evaluation, **PREMIER PHYSIC METROLOGIE INC.** receive a **FAILED** remark due to no indication of compliance to the "Other Requirements" and "Schedule of Requirements" stated in Section VII – Technical Specifications of the Bidding Documents for this ITB while **SOUTHERN METROLOGY AND CALIBRATION SERVICES, INC.** received a **PASSED** remark from the FDA-BAC for their Technical Component documents however, it was noted that **line item nos. 95 and 97** will not be evaluated due to failure to indicate the delivery schedule in Section VI – Schedule of Requirements of the bid documents submitted;

WHEREAS, after the technical component eligibility evaluation of bid documents submitted by the two (2) prospective bidders, only the Financial Component submitted by **SOUTHERN METROLOGY AND CALIBRATION SERVICES, INC.** was opened and read by the FDA-BAC Chairperson and Head Secretariat. The bid price proposal for the items listed in Abstract of Bids did not exceed the ABC hence, the aforementioned prospective bidder **PASSED** in the financial component evaluation. The bid price proposals as indicated in their bid form were listed as read in the Abstract of Bids prepared by the BAC Secretariat except for **line item nos. 95 and 97**;

WHEREAS, the FDA-BAC Members through the Chairperson, announced that the copy of the Bid Documents of **SOUTHERN METROLOGY AND CALIBRATION SERVICES, INC.** will be forwarded to the TWG to conduct thorough Bid Evaluation and Post Qualification to determine the responsiveness of the bid proposal specifically on the compliance with the end-user technical specifications;

WHEREAS, on 21 June 2021, a duplicate copy of the Technical and Financial Components of the bid documents submitted by **SOUTHERN METROLOGY AND CALIBRATION SERVICES, INC.** was forwarded by the FDA-BAC thru its Secretariat and was then received by the TWG;



WHEREAS, on 28 June 2021, a letter request from TWG was received by the FDA-BAC thru its Secretariat for clarification for some of the bid items of Southern Metrology and Calibration Services Inc. taking into account that there were some concerns/issues that need to be clarified from the concerned bidder;

WHEREAS, on 25 June 2021, a letter request from the TWG was received by the FDA-BAC for exclusion of item no. 105 from this ITB;

WHEREAS, on 30 June 2021, response from **SOUTHERN METROLOGY AND CALIBRATION SERVICES, INC.** for the clarifications was received by the FDA-BAC Secretariat and was then forwarded to the TWG;

WHEREAS, on 02 July 2021, a letter request from the TWG for 2nd clarification for some items was received by the FDA-BAC Secretariat for **SOUTHERN METROLOGY AND CALIBRATION SERVICES, INC.;**

WHEREAS, on 07 July 2021, response from **SOUTHERN METROLOGY AND CALIBRATION SERVICES, INC.** for the 2nd clarification was received by the FDA-BAC Secretariat and was then forwarded to the TWG;

WHEREAS, on 12 July 2021, the Technical and Eligibility evaluation report from the TWG was received by the FDA-BAC through its Secretariat;

WHEREAS, on 16 July 2021, a Post-Qualification meeting for the aforementioned eligible bidder was conducted by the FDA-BAC together with the TWG online via Zoom platform (link: <https://zoom.us/j/98110808400?pwd=WmtGNmgzU2hjN2ZzdU43YWdUaDFQQT09>). During the meeting, the TWG was asked to submit a revised and corrected evaluation report on the typographical error and clarifications raised.

WHEREAS, on 22 July 2021, TWG submitted a letter request for 3rd clarifications for **SOUTHERN METROLOGY AND CALIBRATION SERVICES, INC.** for some items;

WHEREAS, on 23 July 2021, response for the 3rd clarification from **SOUTHERN METROLOGY AND CALIBRATION SERVICES, INC.** was received by the FDA-BAC Secretariat and was then forwarded to the TWG;

WHEREAS, on 30 July 2021, the TWG submitted a Technical Evaluation report and was received by BAC Secretariat staff;

WHEREAS, on 06 August 2021, a 2nd Post-Qualification meeting was conducted by the FDA-BAC together with the TWG online via Zoom platform (link:

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<https://us06web.zoom.us/j/84679393711?pwd=UHJTK3dua0llcXBXTmNKsXhlQTkrUT09>);

WHEREAS, upon review of all the documents submitted by the TWG, the FDA-BAC have concluded to declare that the following items offered by the eligible bidder have Responsive Quotations (see Annex “A”);

WHEREAS, the FDA-BAC made a final disposition instructing its Secretariat to prepare a Resolution recommending the award of the Contract to the HOPE;


NOW, THEREFORE, the Members of the Bids and Awards Committee RESOLVE as it is hereby **RESOLVED**:

1. To declare **line item no. 105** excluded for this ITB;
2. To declare **Southern Metrology and Calibration Services, Inc.**, as the bidder with the Lowest Calculated Responsive Bid for **line-item nos. 1-10, 12-30, 32-58, 60, 63-94, 96, 99-103, and 106**, which were found to be complying with the Technical Specifications as indicated in Annex “A” amounting to **Eight Hundred Seventy Five Thousand Pesos (Php 875,000.00)**.

RESOLVED this 12th August 2021 at FDA, Civic Drive, Filinvest City, Alabang, Muntinlupa City.


MARY GRACE E. GABAYOYO
BAC, Member

ATTY. KEVIN JARDINE LUCKY S. LOZANO
BAC, Member


ADRIANITA CASTILLO
BAC, Member


PILAR MARILYN M. PAGAYUNAN
BAC, Vice-Chairperson


ENGR. ANA TRINIDAD F. RIVERA, MSc.
BAC, Chairperson

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TO: ENGR. ANA TRINIDAD F. RIVERA, MSc.
BAC, Chairperson

DATE: 12 August 2021

SUBJECT: BAC Resolution for. ITB No. 2021-0093-ATQAL

Action Taken:

After reviewing your BAC Resolution and its pertinent documents, the undersigned finds your recommendation in order and is hereby **APPROVED**.


ROLANDO ENRIQUE D. DOMINGO, MD.
Director General

DTN: 20210510153535 / 20210511093845

Annex "A" – Summary of Technical Evaluation

Calibration, Verification, Certification and Re-certification of Various Laboratory Equipment							
Item No.	Description	Qty	UNIT PRICE	TOTAL PRICE	BIDDER'S OFFER	FUND SOURCE	
						GAA	SAGF
OFF-SITE CALIBRATION OF EQUIPMENT							
THERMOMETERS							
1	Calibration of Thermometer Refrigerator Thermometer Brand name: HB USA Measuring range (°C): -40 to 27 Test Points(°C): -30, -15, 0, 10, 20 Purpose: for temperature monitoring of refrigerators and freezers End user: Antibiotic Section	4	3,500.00	14,000.00	12,000.00	-	12,000.00
2	Calibration of Thermometer Liquid in Glass Brand name: Frio-Temp H-B USA Measuring range (°C): 15 to 50 Test Points(°C): 15, 20, 25, 30, 35 Purpose: for temperature monitoring of incubator End user: Antibiotic Section	2	3,500.00	7,000.00	6,000.00	-	6,000.00
3	Calibration of Thermometer Liquid in Glass Brand name: Silber Measuring range (°C): 11 to 112 Test Points(°C): 15, 20, 25, 30, 35 Purpose: for temperature monitoring of incubator End user: Antibiotic Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
4	Calibration of Thermometer Liquid in Glass Brand name: Durac Measuring range (°C): -40 to 25 Test Point(°C): -25, -10, 0, 2, 8 Purpose: for temperature monitoring of refrigerators and freezers End User: Food Section	4	3,500.00	14,000.00	12,000.00	-	12,000.00
5	Calibration of Thermometer Liquid in Glass Brand name: not indicated Measuring range (°C): 0 to 100 Test Point (°C): 0, 50, 55, 60, 100 Purpose: for temperature indicator and verification of rotary evaporators and water bath, respectively. End User: Food Section	2	3,500.00	7,000.00	6,000.00	-	6,000.00

6	Calibration of Thermometer Liquid in Glass Brand name: HB Measuring range (°C): -40 to 25 Test Point(°C): -25, -10, 0, 2, 8 Purpose: for temperature monitoring of refrigerators and freezers End User: Food Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
7	Calibration of Thermometer Bimetal Brand name: Terriss Test Point(°C): 0, 5, 10, 20, 25 Purpose: for determination of Gas Volume quantity of closed softdrinks End User: Food Section	2	3,500.00	7,000.00	6,000.00	-	6,000.00
8	Calibration of Thermometer Brand name : VWR FRIO-Temp Measuring range(°C): -90 to 20 Test Point(°C): -25, -50, -60, -70, -80 Purpose: for temperature monitoring of Ultralow freezer End user: Microbiology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
9	Calibration of Thermometer Brand name: VWR FRIO-Temp Measuring range (°C): 0 to 130 CSL Equipment code: 051-051-001179 Test Point(°C): 20, 30, 35, 55, 100 Purpose: for verification of temperature of Oven End user: Microbiology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
10	Calibration of Rectangular Thermometer Liquid in Glass Brand name: N/I Measuring range (°C): -40 to 30 Test Point(°C): -20, 0, 2, 4, 8 Purpose: for temperature monitoring of Refrigerator and Freezer End user: Microbiology Section	2	3,500.00	7,000.00	6,000.00	-	6,000.00
12	Calibration of Thermometer Liquid in Glass Brand name: N/I Measuring range (°C): 0 to 100 Test Point(°C): 20, 35, 42, 45, 50 Purpose: for verification of temperature of water bath End user: Microbiology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
13	Calibration of Thermometer L-shaped Liquid in Glass Brand name: N/I Measuring range (°C): 0 to 80 Test Point(°C): 30, 35, 42, 55, 60 Purpose: for verification of temperature of Incubator with Equipment Code 022-093-001679 End user: Microbiology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00

14	Calibration of Thermometer Liquid in Glass Brand name: N/I Measuring range (°C): 0 to 80 Test Point(°C): 20, 25, 30, 35, 42 Purpose: for verification of temperature of waterbath End user: Microbiology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
15	Calibration of Thermometer Liquid in Glass Brand name: N/I Measuring range (°C): -20 to 360 Test Point(°C): 2, 8, 20, 35, 45 Purpose: for verification of temperature of refrigerator and waterbath End user: Microbiology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
16	Calibration of Thermometer Liquid in Glass Brand name: N/I Measuring range (°C): 0 to 50 Test Point(°C): 20, 25, 30, 35, 45 Purpose: for verification of temperature of incubator End user: Microbiology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
17	Calibration of Thermometer Refrigerator Thermometer Brand name: HB USA Measuring range: -5 to 15 °C Test Point(°C): -10, 0, 2, 8, 10 Purpose: for temperature monitoring of refrigerator End user: ARS unit, Cosmetic Section, Receiving, Releasing Unit (RRU) and Drug Section	4	3,500.00	14,000.00	12,000.00	-	12,000.00
18	Calibration of Thermometer Refrigerator Thermometer Brand name: HB USA Measuring range (°C): -30 to 0 Test Point(°C): -30, -20, -10, -5, 0 Purpose: for temperature monitoring of freezer End user: ARS unit, Cosmetic Section, RRU	3	3,500.00	10,500.00	9,000.00	-	9,000.00
19	Calibration of Thermometer Partial immersion, mercury-filled Brand name: N/I Measuring range (°C): -5 to 300 Test Point(°C): 2, 8, 20, 35, 45 Purpose: for verification of temperature of refrigerator and waterbath End user: Toxicology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
20	Calibration of Thermometer Partial immersion, alcohol-filled Brand name: N/I Measuring range (°C): 0 to 100 Test Point(°C): 0, 50, 55, 60, 100 Purpose: for verification of temperature of waterbath End user: Toxicology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00

21	Calibration of Thermometer Partial immersion, mercury-filled Brand name: N/I Measuring range (°C): 0 to 200 Test Point(°C): 0, 60, 105, 130, 200 Purpose: for verification of temperature of oven End user: Toxicology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
22	Calibration of Thermometer Partial immersion, alcohol-filled Brand name: N/I Measuring range (°C): -10 to 100 Test Point(°C): 2, 8, 20, 35, 45 Purpose: for verification of temperature of refrigerator and waterbath End user: Toxicology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
23	Calibration of Thermometer Refrigerator Thermometer Brand name: HB USA Measuring range: -40 to 27 °C Test Point(°C): -30, 0, 2, 8, 10 Purpose: for temperature monitoring of refrigerator and freezer End user: Toxicology Section	2	3,500.00	7,000.00	6,000.00	-	6,000.00
24	Calibration of Thermometer Digital Brand name: Fischer Scientific 1500778 Measuring range (°C): 0 to 150 Test Point(°C): Thermometer = 37.5 , Probe = 37.5 Purpose: for temperature monitoring of dissolution apparatus End user: Antibiotic Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
25	Calibration of Thermometer Liquid in Glass Brand name: PG Ertco Measuring range (°C): 18 to 50 Test Points (°C): 30, 32.0, 34, 35, 37 Purpose: for temperature monitoring of incubator End-user: Antibiotic Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
26	Calibration of Thermometer Liquid in Glass Brand name: Princo Measuring range (°C): 18 to 50 Test Points (°C): 30, 32.0, 34, 35, 37 Purpose: End-user: PLSD	1	3,500.00	3,500.00	3,000.00	-	3,000.00
27	Calibration of Thermometer Digital Brand name: Nuclear Associates Measuring range (°C): 0 to 150 Test Point(°C): Thermometer = 37.5 , Probe = 37.5 Purpose: End user: PLSD	4	3,500.00	14,000.00	12,000.00	-	12,000.00
PIPETTORS							

28	Calibration of Pipettor, 0.5 to 10µL Volumetric Equipment Brand name/Model: Nichiryo Test Points: 0.5µL, 5µL, 10µL End User: ARS	1	4,500.00	4,500.00	4,000.00	-	4,000.00
29	Calibration of Pipettor, 10 to 100µL Volumetric Equipment Brand name/Model: a. Nichiryo/5000b. Eppendorf. TreffLabd. Sartorius Proline Plus Biohite. Merck Test Points: 10µL, 50µL, 100µL End User: Food Section (3 units), Antibiotic Section (2 units) and Toxicology Section (1 unit); ARS (1 unit)	7	4,500.00	31,500.00	28,000.00	-	28,000.00
30	Calibration of Pipettor, 40 to 200µL Volumetric Equipment Brand name/Model: Nichiryo/Sibata Test Points: 40µL, 100µL, 200µL End User: Food Section	1	4,500.00	4,500.00	4,000.00	-	4,000.00
32	Calibration of Pipettor 20 to 200µL Volumetric Equipment Brand name/Model: (1) Nichiryo Model 5000 (2) Sartorius Proline Plus Biohit (3) Trefflab Test Points: 20µL, 100µL, 200µL End user: Antibiotic (4 units) and Toxicology Section (2 units)	6	4,500.00	27,000.00	24,000.00	-	24,000.00
33	Calibration of Pipettor, 100 to 1000µL Volumetric Equipment Brand name/Model: a. Sartorius Proline Plus Biohit b. Eppendorf Reference c. Gilson/ Pipetman d. Nichiryo Nichipet/5000DG e. Transferpette f. Volac g. Nichiryo Test Points: 100µL, 500µL, 1000µL End User: Antibiotic Section (2 unit), Food Section (3 units) and Toxicology Section (1 unit), Microbiology Section (5 units); ARS (1 unit)	12	4,500.00	54,000.00	48,000.00	-	48,000.00
34	Calibration of Pipettor, 200 to 1000µL Volumetric Equipment Brand name/Model: 1 unit Nichiryo Sibata and 3 units Nichiryo 3100 Test Points: 200µL, 500µL, 1000µL End User: Food Section (1 unit) and Toxicology Section (3 units)	4	4,500.00	18,000.00	16,000.00	-	16,000.00
35	Calibration of Pipettor, 400 to 2000µL Volumetric Equipment Brand name/Model: Nichiryo Test points: 400µL, 1000µL and 2000µL End-user: Toxicology Section	1	4,500.00	4,500.00	4,000.00	-	4,000.00

36	Calibration of Pipettor, 500 to 5000 μ L Volumetric Equipment Brand name/Model: (1) Accumax; (2) TreffLab/Transferpette; (3) Sartorius Proline Plus Biohit (4) Smart Volac (5) Transferpette Test points: 500 μ L, 2500 μ L, 5000 μ L End-user: Food Section (3 units), Microbiology Section (3 units), Toxicology Section (2 unit) and ARS (1 unit)	9	4,500.00	40,500.00	36,000.00	-	36,000.00
37	Calibration of Pipettor, 1000 to 50000 μ L Volumetric Equipment Brand name/Model: Nichiryo Test points: 1000 μ L, 25000 μ L and 50000 μ L End-user: Toxicology Section	1	4,500.00	4,500.00	4,000.00	-	4,000.00
38	Calibration of Pipettor, 1000 to 10000 μ L Volumetric Equipment Brand name/Model: (1) Sartorius Proline Plus Biohit Test points: 1000 μ L, 5000 μ L and 10000 μ L End-user: Toxicology Section	1	4,500.00	4,500.00	4,000.00	-	4,000.00
39	Calibration of Pipettor, 2 to 10 mL Volumetric Equipment Brand name/Model: (1) Brand Test points: 2mL, 5mL and 10mL End-user: ARS	1	4,500.00	4,500.00	4,000.00	-	4,000.00
40	Calibration of Multichannel Pipettor (for each channel): 8-channels Volumetric Equipment Brand name/Model: BioTech/Enhance E8-300 Test Points: 100 μ L, 200 μ L, 300 μ L End User: Food Section	1	10,000.00	10,000.00	10,000.00	-	10,000.00
41	Calibration of Multichannel Pipettor (for each channel): 12-channels Volumetric Equipment Brand name/Model: Neogen/ HHB84026 Test Points: 30 μ L, 100 μ L, 300 μ L End User: Food Section	1	15,000.00	15,000.00	15,000.00	-	15,000.00
42	Calibration of Pipettor, 100 to 1000 μ L Volumetric Equipment Brand name/Model: (1) Brand Transferpette Test Points: 100 μ L, 500 μ L, 1000 μ L End User: EAH Section	1	4,500.00	4,500.00	4,000.00	4,000.00	-
43	Calibration of Pipettor, 10 to 100 μ L Volumetric Equipment Brand name/Model: (1) Brand Transferpette Test Points: 10 μ L, 50 μ L, 100 μ L End User: EAH Section	1	4,500.00	4,500.00	4,000.00	4,000.00	-

44	Calibration of Electronic Pipettor, 10 to 200µL Volumetric Equipment Brand name/Model: (1) Brand Transferpette Electronic Test Points: 10µL, 100µL, 200µL End User: EAH Section	1	4,500.00	4,500.00	4,000.00	4,000.00	-
DISPENSER							
45	Calibration of Dispenser Brand name: Kartell Measuring range (mL): 1 to 10 Test Points(mL): 1, 5 and 10 End user: Microbiology Section	2	5,000.00	10,000.00	9,000.00	-	9,000.00
46	Calibration of Dispenser Brand name: Socorex 520.010 Measuring range (mL): 1 to 10 Test Points(mL): 1, 5 and 10 End user: Microbiology Section	1	5,000.00	5,000.00	4,500.00	-	4,500.00
pH METERS							
47	Calibration of pH Meter Brand name/Model: Denver UB-10 Test points(pH): 4.0, 7.0, 10.0 End user: Antibiotic Section	1	4,500.00	4,500.00	4,000.00	-	4,000.00
48	Calibration of pH Meter Brand name/Model: a. Agilent 3200P (1 unit) [Food Section] b. Orion 420A (1 unit) [Microbiology Section] c. Schott CG842 (1 unit) [Drug Section] Test points(pH): 4.0, 7.0, 10.0 End user: Drug Section (1 unit), Food Section (1 unit) and Microbiology Section (1 unit)	3	4,500.00	13,500.00	12,000.00	-	12,000.00
49	Calibration of pH Meter Brand name/Model: Hach Lange SensIONTM+ Test points(pH): 4.0, 7.0, 10.0 End user: Microbiology Section	1	4,500.00	4,500.00	4,000.00	-	4,000.00
CONDUCTIVITY METER							
50	Calibration of Conductivity Meter Brand Name/Model: YSI 3200; S/N 98B0960 End User: Cosmetic-Toxicology Section	1	10,000.00	10,000.00	10,000.00	-	10,000.00
THERMOHYGROMETER							

51	Calibration of Thermohygrometer Humidity and Temperature Measuring Devices Brand Name/Model: -Control Company 4184 [19 units - Antibiotic(5), ARS(1), Cosmetic(1), Drugs (5), Foods (3), Microbiology (2) RRU (1), Toxicology (1)] -Fisher Scientific 11-661 [1 unit - Antibiotic] -AZ-HT-02 [1 unit - Drug] -Cole Parmer [1 unit - PLSD] -Control Company 4040 [3 units - Foods] Test Points: Temperature : 20°C, 25°C, 30°C Relative Humidity : 40%, 60%, 80% End user: Antibiotic Section (6 units), ARS (1 unit), Cosmetic Section (1 unit), RRU (1 unit), Drug Section (6 units), Food Section (6 units), Microbiology Section (2 units), Toxicology Section (1 unit) and PLSD (1 unit)	25	2,500.00	62,500.00	62,500.00	-	62,500.00
52	Calibration of Thermohygrometer Humidity and Temperature Measuring Devices Brand Name/Model: -Control Company 4184 [1 unit] Test Points: - Temperature : 20°C, 25°C, 30°C - Relative Humidity : 40%, 60%, 80% End user: EAH Section	1	2,500.00	2,500.00	2,500.00	2,500.00	-
BAROMETER							
53	Calibration of Aneroid Barometer Brand Name/Model: a. Sato (4 units) [SN: 36525; SN: 36529; SN: 36514; and SN: 36510]b. Taylor (1 unit)[SN: 3362]c. Prazisions (2 units)[SN: 68594 & SN: 98577] End user: PLSD	7	5,000.00	35,000.00	31,500.00	-	31,500.00
PRESSURE GAUGE							
54	Pressure Gauge Pressure and Vacuum Measuring Devices Brand name/Model: 1 unit Zahn-Nagel/USG and 1 unit Terriss/USG Measuring Range: 0 to 90 psi Test Points: 0 to 90 psi End User: Food Section	2	2,500.00	5,000.00	5,000.00	-	5,000.00
TEST WEIGHTS							
55	Calibration of Standard Weights Masses, Stainless steel OIML Class F1 Brand name/Model: Troemner 43415 (26 pcs.) Test Points: 2 kg - 1pc; 1 kg- 1pc; 500 g- 1pc; 200 g- 2pcs; 100 g- 1pc; 50 g- 1pc; 20 g- 2pcs; 10 g- 1pc; 500 mg- 1pc; 200 mg- 2pcs; 100 mg- 1pc; 50 mg- 1pc; 20 mg- 2pcs; 10 mg- 1pc; 5 mg- 1pc; 2 mg- 2pcs and 1 mg- 1pc End User: Drug Section (1 SET)	1	30,000.00	30,000.00	27,500.00	-	27,500.00

56	Calibration of Standard Weights Masses, Chrome plated Brand name/Model: TBD Test Points: 500g, 200g, 100g, 50g, 20g, 10g, 5g, 2g and 1g End User: Microbiology Section (1 SET)	1	10,400.00	10,400.00	10,000.00	-	10,000.00
57	Calibration of Standard Weights Masses, Stainless steel Brand name/Model: TBD Test Points: 100g End User: Food Section (1 pc.)	1	1,200.00	1,200.00	1,000.00	-	1,000.00
58	Calibration of Standard Weights Masses Brand name/Model: Mettler Toledo 1112301 S/N: B603003624 Test Points: OIML Class F1/F2 200g & 10g End User: Antibiotic Section (1 SET)	1	2,400.00	2,400.00	2,000.00	-	2,000.00
HAND REFRACTOMETER							
60	Hand Refractometer Brand name/Model: Atago/ATC-1 Measuring range: 0 - 32% Test Points: 0 - 32% End User: Food Section	2	2,500.00	5,000.00	5,000.00	-	5,000.00
PROTRACTOR							
63	Calibration of Digital Protractor Brand Name/Model: Smart Tool Technologies/PRO 3600 End user: Antibiotic Section	1	6,000.00	6,000.00	6,000.00	-	6,000.00
THERMOANEMOMETER							
64	Calibration of Thermoanemometer Brand Name/Model: Ex Tech 451104 S/N: 9628285 & Ex Tech 451104 S/N: 9628281 End user: Antibiotic Section	2	8,000.00	16,000.00	15,000.00	-	15,000.00
TACHOMETER							
65	Calibration of Tachometer Digital Brand Name/Model: Fisher Scientific S/N: 90995547 End user: Antibiotic Section	1	3,000.00	3,000.00	3,000.00	-	3,000.00
ON-SITE CALIBRATION OF EQUIPMENT							
ELECTRONIC BALANCES							
66	Calibration of Balance Top Loading Weighing Device Brand name/Model: Precisa/BJ2100D Capacity: 2100 g (Max) End User: Food Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
67	Calibration of Balance Top Loading Weighing Device Brand Name/Model: a. Shimadzu UX4200H, Capacity: 4200g (max) (4 units): - [Antibiotic Section (1); - Food Section (1); - Drug Section (1); - Microbiology Section (1)]b. Mettler PM-460, Capacity: 410g(Max) (1 unit) - Drug Section (1)End-User: Antibiotic Section (1 unit), Drug Section (2 units), Food Section (1 unit) and Microbiology Section (1 unit)	5	3,500.00	17,500.00	15,000.00	-	15,000.00

68	Calibration of Balance Semi-Micro Weighing Device Brand name/Model: Mettler Toledo MT-5 Capacity: 5.1 g (Max) End-user: Drug Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
69	Calibration of Balance Analytical Weighing Device Brand name/Model: Shimadzu/AUX-120 Capacity: 120 g (Max) End-user: Drug Section, Cosmetic Section and Food Section	3	3,500.00	10,500.00	9,000.00	-	9,000.00
70	Calibration of Balance Analytical Weighing Device Brand name/Model: AND GR-202 (ARS); Sartorius BP211D (Drug Section & Food Section); Mettler AG285 (Drug Section) End-user: ARS Unit (1 unit), Drug Section (2 units), and Food Section (1) Capacity: 210g (Max)	4	3,500.00	14,000.00	12,000.00	-	12,000.00
71	Calibration of Balance Analytical Weighing Device Brand name/Model: Sartorius CP225D(ARS); Mettler Toledo MT XSE205 DU (Antibiotic Section) Capacity: 220g (Max) End User: ARS Unit and Antibiotic Section	2	3,500.00	7,000.00	6,000.00	-	6,000.00
72	Calibration of Balance Analytical Weighing Device Brand name/Model: Precisa 303A Capacity: 300g (Max) End User: Toxicology Section	1	3,500.00	3,500.00	3,000.00	-	3,000.00
INCUBATORS							
73	Calibration of Incubator Temperature Controlled Enclosure Brand Name/Model: Memmert IPP-750 Plus Temperature Setting Range (°C): 20 to 80 Test Point (°C): +20 , +22.5, +25 End user: Antibiotic Section	1	6,500.00	6,500.00	6,000.00	-	6,000.00
74	Calibration of Incubator Temperature Controlled Enclosure Brand name Name/Model: Memmert IN- 450 Temperature Setting Range (°C): 20 to 80 Test Point (°C): +30, +32.5, +35 End user: Antibiotic Section	1	6,500.00	6,500.00	6,000.00	-	6,000.00
75	Calibration of Incubator Temperature Controlled Enclosure Brand name Name/Model: Memmert INP- 600 Temperature Setting Range (°C): 30 to 70 Test Point (°C): +30, +34, +37 End user: Antibiotic Section	1	6,500.00	6,500.00	6,000.00	-	6,000.00

76	Calibration of Incubator Temperature Controlled Enclosure Brand name Name/Model: Tabai D-1950C Temperature Setting Range (°C): 30 to 70 Test Point (°C): +30, +35, +42 End user: Microbiology Section	1	6,500.00	6,500.00	6,000.00	-	6,000.00
77	Calibration of Incubator Temperature Controlled Enclosure Brand name Name/Model: Sanyo MIR251 Temperature Setting Range (°C): 20 to 70 Test Point (°C): +25, +35, +55 End user: Microbiology Section	1	6,500.00	6,500.00	6,000.00	-	6,000.00
78	Calibration of Incubator Temperature Controlled Enclosure Brand name Name/Model: Panasonic MIR554 Temperature Setting Range (°C): 20 to 80 Test Point (°C): +20, +25, +35 End user: Microbiology Section	1	6,500.00	6,500.00	6,000.00	-	6,000.00
79	Calibration of Incubator Temperature Controlled Enclosure Brand name Name/Model: Memmert IN750 Temperature Setting Range (°C): 20 to 80 Test Point (°C): +35, +42, +60 End user: Microbiology Section	1	6,500.00	6,500.00	6,000.00	-	6,000.00
80	Calibration of Incubator Temperature Controlled Enclosure Brand name Name/Model: Raypa 288 Temperature Setting Range (°C): 20 to 80 Test Point (°C): +35, +42, +60 End user: Microbiology Section	1	6,500.00	6,500.00	6,000.00	-	6,000.00
WATERBATH							
81	Calibration of Waterbath Temperature Controlled Enclosure Brand Name/Model: a. Cole Parmer 12105-65 b. Memmert WNB 14 c. Memmert WPE45 Temperature Setting Range (°C): a. 25 to 100 b. 10 to 95 c. 10 to 95 Test Points(°C): +42, +44.5, +50 End user: Microbiology Section	3	4,500.00	13,500.00	12,000.00	-	12,000.00
82	Calibration of Waterbath Temperature Controlled Enclosure Brand Name/Model: a. Julabo SW22b. Lab Tech LWB-122D Temperature Setting Range (°C): a. 25, 37, 60. b. 25, 60, 70 Test Points(°C): End User: Toxicology Section	2	4,500.00	9,000.00	8,000.00	-	8,000.00

83	Calibration of Waterbath Temperature Controlled Enclosure Brand Name/Model: Leica 14041521466 Temperature Setting Range (°C): a. 40°C b. 60°C Test Points(°C): 40°C, 50°C and 60°C End User: Antibiotic Section	1	4,500.00	4,500.00	4,000.00	-	4,000.00
84	Calibration of Waterbath Temperature Controlled Enclosure Brand Name/Model: Advantec LB-160 Temperature Setting Range (°C): 40-100 Test Points(°C): 60, 100 End User: Drug Section	1	4,500.00	4,500.00	4,000.00	-	4,000.00
REFRIGERATOR & FREEZER							
85	Calibration of Refrigerator w/ Freezer Testing of Temperature Controlled Enclosures Brand name/Model: Whirlpool WSR15 (Drug Section), Whirlpool WSR (ARS) and LG 1403975B (RRU Unit) Test points (°C): three thermostat settings for refrigerator and three thermostat setting for freezer Ref temperature range should include: (+2, +5, +8); Freezer temperature range should include: (-10, -15, -25) End-user: ARS, Drug Section and RRU	3	5,000.00	15,000.00	13,500.00	-	13,500.00
86	Calibration of Refrigerator Testing of Temperature Controlled Enclosures* Brand name/Model: Kelvinator with Temperature display Test points (°C): +2, +5, +8 End-user: Drug Section	1	5,000.00	5,000.00	4,500.00	-	4,500.00
87	Calibration of Chiller Testing of Temperature Controlled Enclosures Brand name/Model: Ruey Hsing/ RS-S1003 Test points (°C): +2, +8, +10 End user: Microbiology Section <i>Note: Does not require ISO 17025 accreditation. However, calibration should be traceable to international standards.</i>	1	5,000.00	5,000.00	4,500.00	-	4,500.00
88	Calibration of Ultralow freezer Testing of Temperature Controlled Enclosures Brand name/Model: Panasonic MDF-433V Test points (°C): -25, -70, -80 End user: Microbiology Section <i>Note: Does not require ISO 17025 accreditation. However, calibration should be traceable to international standards.</i>	1	10,000.00	10,000.00	10,000.00	-	10,000.00

89	Calibration of Refrigerator Testing of Temperature Controlled Enclosures* Brand name/Model: Refrigerator, Pharm'l - Panasonic MPR-1411R-PK with temperature display Test points (°C): +2, +5, +8 End-user: EAH Section	1	5,000.00	5,000.00	4,500.00	4,500.00	-
OVEN							
91	Calibration of Oven Testing of Temperature Controlled Enclosures Brand name/Model/Temp Setting Range: Memmert 700/ambient temperature plus 5 °C to 300 °C Test points (°C) : 105, 120, 240 End-user: Microbiology Section	1	12,500.00	12,500.00	12,000.00	-	12,000.00
92	Calibration of Oven Testing of Temperature Controlled Enclosures Brand name/Model/Temp Setting Range: Binder/ED-115/ambient temperature plus 5 °C to 300 °C Test points (°C) : 105, 120, 240 End-user: Drug Section and Cosmetic Section	2	12,500.00	25,000.00	24,000.00	-	24,000.00
93	Calibration of Oven Testing of Temperature Controlled Enclosures Brand name/Model/Temp Setting Range: Jouan Oven/ambient temperature plus 5 °C to 300 °C Test points (°C) : 105, 120, 240 End-user: Cosmetic Section	1	12,500.00	12,500.00	12,000.00	-	12,000.00
94	Calibration of Vacuum Drying Oven Brand Name/Model: Yamato ADP-31 Testing of Temperature Controlled Enclosures Pressure (kPas): 2.67 Test points (°C) : 60, 105, 120 End-user: ARS	1	15,000.00	15,000.00	14,500.00	-	14,500.00
AUTOCLAVE							
96	Calibration of Autoclave Temperature Controlled Enclosure Brand name/Model: (1) Antibiotic Section: Tomy ES-315 (2) Microbiology Section : (a) Tomy SX500 (b) ALP CL-40M (c) Equitron SLEFA Test points: Temp 121 °C Time 15 & 30 mins Pressure 15 psi End user: Antibiotic Section (1 unit) and Microbiology Section (3 units)	4	7,500.00	30,000.00	30,000.00	-	30,000.00
DRY BLOCK HEATER							

99	Calibration of Dry Block Heater Testing of Temperature Controlled Enclosures* Brand name/Model: Dry Block Heater, IKA with temperature display Test points (°C): +30, +37, +60 End-user: EAH Section Note: Does not require ISO 17025 accreditation. However, calibration should be traceable to international standards.	1	5,000.00	5,000.00	4,500.00	4,500.00	-
ROTARY EVAPORATOR							
100	Calibration of Rotary Evaporator Brand name/Model: (1) Yamato/RE-46; (1) Buchi/R-215; (1) Buchi/R-205 Test Points(°C): 35, 50, 55, 60 End User: Food Section (2 units), Drug Section (1 unit)	3	5,000.00	15,000.00	13,500.00	-	13,500.00
DIGESTION UNIT AND SOXHLET FAT EXTRACTION UNIT							
101	Calibration of Digestion Unit Brand name and Model: Buchi K424 Test Point: at thermostat setting no. 8 and 10 End User: Food Section Note: Does not require ISO 17025 accreditation. However, calibration should be traceable to international standards.	1	4,500.00	4,500.00	4,000.00	-	4,000.00
102	Calibration of Soxhlet Fat Extraction Unit Brand name and Model: Buchi E816 Test Points: Temperature at 100%, 150% and 200% setting End User: Food Section Note: Does not require ISO 17025 accreditation. However, calibration should be traceable to international standards.	1	4,500.00	4,500.00	4,000.00	-	4,000.00
CENTRIFUGE							
103	Calibration of Centrifuge Brand Name/Model: Centrifuge Hermle Z 206A 60080404 Speed Set Point: 6000rpm Time Set Point: 120 minutes End user: Antibiotic Section Note: Does not require ISO 17025 accreditation. However, calibration should be traceable to international standards.	1	5,000.00	5,000.00	5,000.00	-	5,000.00
ON-SITE CALIBRATION/ RE-CERTIFICATION OF THE FOLLOWING EQUIPMENT:							
BIOLOGICAL SAFETY CABINET							

104	<p>Re-certification of Biosafety Cabinet ThermoScientific Forma Class II Brand name Name/Model: a. Baker SG403TX b. Dalton 3-BSCI30011BS c. ThermoScientific/Forma Class II, A2 d. Halton 82071107 and Halton 82071109 End User: Food Section (1 unit), Antibiotic Section (2 units) Microbiology Section (2 units)</p> <p>Scope of Work 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 - Vibration Test <i>Note: Service Provider must be NSF Certified or equivalent</i></p>	5	35,000.00	175,000.00	175,000.00	-	-
FUME HOOD							
106	<p>Re-certification of Laminar Fume Hood Brand Name/Model: Dalton PAU1600BG End User: Antibiotic Section</p> <p>Scope of Work must include the following, at a minimum: - Air Velocity Test - Particle Count Test - UV Light Radiation Test - Filter Integrity Test - Light Intensity Test - Noise Level Test</p> <p><i>Note: Service Provider must be NSF Certified or equivalent</i></p>	1	25,000.00	25,000.00	25,000.00	-	25,000.00
TOTAL:						23,500.00	851,500.00
						GAA	SAGF
GRAND TOTAL:						<i>Php 875,000.00</i>	