


Republic of the Philippines  
**ENERGY REGULATORY COMMISSION**  
San Miguel Avenue, Ortigas Center  
Pasig City

IN THE MATTER OF THE APPLICATION FOR APPROVAL OF THE ANCILLARY SERVICES PROCUREMENT AGREEMENT BETWEEN THE NATIONAL GRID CORPORATION OF THE PHILIPPINES AND POWER SECTOR ASSETS AND LIABILITIES MANAGEMENT CORPORATION, (AGUS I, II, IV, V and VII) WITH PRAYER FOR THE ISSUANCE OF PROVISIONAL AUTHORITY,

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OFFICE OF THE SECRETARY  
ENERGY REGULATORY COMMISSION

ERC Case No. \_\_\_\_\_ RC

NATIONAL GRID CORPORATION OF THE PHILIPPINES AND POWER SECTOR ASSETS AND LIABILITIES MANAGEMENT CORPORATION,  
Applicants.

X-----X

**APPLICATION**

(With Prayer for the Immediate Issuance of a Provisional Authority)

Applicants **NATIONAL GRID CORPORATION OF THE PHILIPPINES** (NGCP) and **POWER SECTOR ASSETS AND LIABILITIES MANAGEMENT CORPORATION** (PSALM), by counsel, respectfully state:

**NATURE OF THE CASE**

1. This Application is for the approval of the five (5) Ancillary Services Procurement Agreements ("ASPAs") between the NGCP and PSALM, all dated 11 September 2018 for Agus I, II, IV, V and VII, Hydro Electric Power Plants (HEPP), pursuant to the Decision dated 3 October 2007 in ERC Case No. 2006-049RC, entitled: *"In the Matter of the Application for the Approval of Ancillary Services – Cost*

PSALM

060-09-09-10B1

*Recovery Mechanism (AS-CRM) of the Ancillary Services Procurement Plan, with Prayer for Provisional Authority.”*

## THE PARTIES

2. Applicant NGCP is a corporation created and existing under the laws of the Philippines, with office address at NGCP Building, Quezon Avenue corner BIR Road, Diliman, Quezon City. It holds a franchise under Republic Act No. 9511<sup>1</sup> to engage in the business of conveying or transmitting electricity through high-voltage back-bone systems of interconnected transmission lines, substations and related facilities, and for other purposes. The franchise also includes the conduct of activities necessary to support the safe and reliable operation of the transmission system.

3. Applicant PSALM is a government owned and controlled corporation created by virtue of R.A. No. 9136, otherwise known as the Electric Power Industry Reform Act of 2001 (EPIRA), with principal office address at 24<sup>th</sup> Floor Vertis North Corporate Center 1, Astra corner Lux Drives, Vertis North, North Avenue, 1105 Quezon City Philippines. It may be served with orders, notices, and other legal processes through its undersigned counsel.

4. PSALM owns the power plants enumerated below capable of providing the following Ancillary Services (AS):

<b>Generation Facility</b>	<b>Location</b>	<b>AS to be Provided<sup>2</sup></b>
Agus I HEPP with 80MW Capacity	Bo. Saber, Marawi City, Lanao del Sur	RR, CR, DR, RPS
Agus II HEPP with 180MW Capacity	Pawak, Saguiran, Lanao del Sur	RR, CR, DR, RPS
Agus IV HEPP with 158MW Capacity	Nangka Balo-I, Lanao Del Norte	RR, CR, DR, RPS
Agus V HEPP with 55MW Capacity	Ditucalan, Iligan City, Lanao del Norte	RR, CR, DR, RPS
Agus VII HEPP with 54MW Capacity	Fuentes, Iligan City, Lanao del Norte	RR, CR, DR, RPS

All the Agus HEPPs will undergo testing for the accreditation of their DR capabilities. Agus V and VII HEPPs will likewise undergo testing for the accreditation of their RR capabilities. All nominations

<sup>1</sup> An Act Granting the National Grid Corporation of the Philippines a Franchise to Engage in the Business of Conveying or Transmitting Electricity Through High Voltage Back-Bone System of Interconnected Transmission Lines, Substations and Related Facilities, and for other Purposes;

<sup>2</sup> The Ancillary Services to be provided are Regulating Reserve (RR), Contingency Reserve (CR) Dispatchable Reserve (DR), and Reactive Power Support (RPS).

of PSALM shall only be in accordance with the certified ancillary services and capacities based on the latest accreditation certificates.

### ANTECEDENT FACTS

5. The EPIRA provides that it is the responsibility of NGCP to ensure and maintain the reliability, adequacy, security, stability and integrity of the nationwide electrical grid in accordance with the performance standards for its operations and maintenance, as set forth in the Philippine Grid Code ("PGC"), adopted and promulgated by the Honorable Commission, and to adequately serve generation companies, distribution utilities and suppliers requiring transmission service and/or ancillary services through the transmission system.<sup>3</sup>

6. Similarly, the PGC 2016 provides that NGCP, as the service provider, is responsible for determining, acquiring, and dispatching the capacity needed to supply the required Grid AS and for developing and proposing Wheeling Charges and AS tariffs to the ERC.<sup>4</sup>

7. Ancillary Services as defined in Section 4(b) of the EPIRA *"refer to those services that are necessary to support the transmission of capacity and energy from resources to loads while maintaining reliable operation of the transmission system in accordance with good utility practice and the Grid Code to be adopted in accordance with this Act."* To ensure reliability, adequacy and stability of electricity supply in the Mindanao grid, NGCP has to acquire and dispatch the AS capacity needed by the grid.

8. In order to implement and regulate the procurement of AS, the Honorable Commission approved the Ancillary Services Procurement Plan ("ASPP") through its Order dated 9 March 2006 in ERC Case No. 2002-253 and the AS-CRM through its Decision dated 3 October 2007 in ERC Case No. 2006-049 RC.

9. Pursuant to its mandate, NGCP on different dates published in newspapers of general circulation a Notice of Invitation for Prospective Ancillary Services Providers, inviting all grid-connected merchant plants and independent power producers to participate in the provision of ancillary services.

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<sup>3</sup> Section 9 (d).

<sup>4</sup> Section 6.3.1.2.

10. Due to the necessity of provision of AS, NGCP informed PSALM of its intention to enter into ASPAs with PSALM under new rates, terms and conditions. Accordingly, ASPA negotiations between the NGCP and PSALM commenced.

11. The negotiation culminated with the signing by the Applicants on 11 September 2018 of the ASPAs, copies attached as enumerated below. Under the said ASPAs, NGCP agreed to procure and PSALM agreed to provide AS in the forms of RR, CR, DR and RPS for a period of five (5) years under non-firm arrangements<sup>5</sup> covering the above-mentioned plants.

Generation Facility	Annex
Agus I HEPP	A
Agus II HEPP	B
Agus IV HEPP	C
Agus V HEPP	D
Agus VII HEPP	E

12. During the period of negotiation, NGCP conducted several tests on the following generation facilities and certified that their generation units are capable of providing AS, having met and complied with the Standard Ancillary Services Technical Requirements of the ASPP. The copies of the Accreditation Certificates are attached as follows:

Generation Facility	Accreditation Certificate No.	Expiration	Annex
Agus I HEPP	AC No. 2019-M003	17 June 2020	F
Agus II HEPP	AC No. 2019-M001	13 February 2020	G
Agus IV HEPP	AC No. 2018-M003	04 September 2019	H
Agus V HEPP	AC No. 2018-M004	03 September 2019	I
Agus VII HEPP	AC No. 2018-M010	02 October 2019	J

### CONTRACTED CAPACITY RATES AND THEIR IMPACT

13. Schedule 1 of each ASPA provides the following AS that will be provided by each plant:

Generating Facility				
Agus I	Up to 30 MW per unit	Up to 30 MW per unit	Up to 30 MW per unit*	per occurrence
Agus II	Up to 30 MW per unit*	Up to 30 MW per unit	Up to 30 MW per unit*	per occurrence

<sup>5</sup> Non-firm arrangement under this ASPA provides the AS Provider an option whether or not to nominate its capacity for AS, such that in case of nomination, SO may schedule the nominated capacity as needed.

<b>Agus IV</b>	Up to 40 MW per unit	Up to 30 MW per unit	Up to 40 MW per unit*	per occurrence
<b>Agus V</b>	Up to 17.5 MW per unit*	Up to 17.5 MW per unit	Up to 17.5 MW per unit*	per occurrence
<b>Agus VII</b>	Up to 20 MW per unit*	Up to 20 MW per unit	Up to 20 MW per unit*	per occurrence

\*subject to AS Certification

It will be noted from the table above that the capacities represent the maximum ancillary service capacity that can be provided by each generating unit. For clarity, however, the basis for AS Provider's nomination and scheduling shall be the capacities listed in the valid AS Certificates, which are renewed and issued annually.

14. The Applicable Rates for the capacity covered by the ASPAs as provided in Schedule 4 are as follows:

"Non-Firm Contracted Capacity:

1. *Regulating Reserve (Secondary Reserve): Hourly Maximum Rate of PhP3.00/kW/hr*
2. *Contingency Reserve (Primary Reserve): Hourly Maximum Rate of PhP2.25/kW/hr*
3. *Dispatchable Reserve (Tertiary Reserve): Hourly Maximum Rate of PhP1.25/kW/hr*
4. *Reactive Power Support Service: Hourly Maximum Rate of PhP4.00/kVar/hr*

15. Applicants submit that the rates represent a reasonable recovery of PSALM's opportunity cost in making available generation capacity in providing the procured AS.

16. As agreed in the new ASPAs, AS cost shall be calculated as shown below:

$$\text{AS Cost} = \text{AR} \times \sum_{j=1}^n \sum_{i=1}^{\text{intervals}} \text{Capacity}_{ij}$$

Where:

**AR** = Applicable Rate per AS Type

**Capacity<sub>ij</sub>** = scheduled capacity, for trading interval i and day j.

**n** = the number of days in the billing month.

17. The rates under the new ASPA has the following impact:

	<b>Agus I</b>	<b>Agus II</b>	<b>Agus IV</b>	<b>Agus V</b>	<b>Agus VII</b>
<b>Regulating Reserve</b>					
PhP/kW-month	35.4449	35.4449	47.2599	20.6762	23.6300
PhP/kWh equiv.	0.0802	0.0802	0.1069	0.0468	0.0535
<b>Contingency Reserve</b>					
PhP/kW-month	26.5837	26.5837	26.5837	15.5072	17.7225
PhP/kWh equiv.	0.0602	0.0602	0.0602	0.0351	0.0401

Dispatchable Reserve					
PhP/kW-month	14.7687	14.7687	19.6916	8.6151	9.8458
PhP/kWh equiv.	0.0334	0.0334	0.0446	0.0195	0.0094
Reactive Power Support					
PhP/kW-month	8.7643	14.7714	10.7339	6.7620	4.2673
PhP/kWh equiv.	0.0194	0.0326	0.0237	0.0149	0.0094

The copy of the *Rate Impact Simulation* per HEPP with a brief discussion on how NGCP derived the impact of the proposed ancillary services rates are attached as **Annex "K"**.

18. Consistent with the AS-CRM, all the related and incidental expenses which NGCP will incur as a result of the procurement and operation of the ancillary services shall be recovered from all the load customers in the Mindanao Grid.

19. PSALM falls within the ambit of Section 6 of the EPIRA<sup>6</sup>, based on the attached copies of PSALM's registration as a generation company, relevant permits to operate the Generation Facility, and audited financial statements, as follows:

Document	Annex
Certificates of Compliance for Agus I, Agus II, Agus IV, Agus V, Agus VII	L to P, respectively
PSALM Bilateral Customers Allocation per Plant for 2019 and supporting documents	Q
Government Corporation Information Sheet	R
Annual Audit Report (For the Year Ended December 31, 2018)	S
PEMC Membership Registration Update	T

20. While PSALM is a co-applicant, it manifests that the instant Application shall neither modify, diminish or constitute a waiver of PSALM's rights nor expand its obligations and responsibilities as a generation company under EPIRA.<sup>7</sup>

### ALLEGATIONS IN SUPPORT OF THE PRAYER FOR PROVISIONAL AUTHORITY

21. In line with the declared policy of the State to ensure the quality, reliability, and security of the supply of electric power<sup>8</sup>, there

<sup>6</sup> Generation Sector

<sup>7</sup> Further, this application is without prejudice to and shall not constitute a waiver of any of PSALM's rights, defenses, claims etc. against NGCP in any pending or future arbitration and/or litigation between PSALM and NGCP. All rights and remedies of PSALM are hereby reserved.

<sup>8</sup> RA No. 9136 (EPIRA), Section 2. Declaration of Policy. It is hereby declared the policy of the state: "xxx (b) To ensure the quality, reliability, security and affordability of the supply of electric power xxx"

is a need for NGCP to procure AS from the HEPPs to comply with the system requirements for AS.

22. The current levels of available contracted AS in the Mindanao Grid have not yet reached the desired levels necessary for the system security and reliability. To address these risks, the subject ASPA covering the HEPPs should immediately be implemented through a provisional approval. A copy of the relevant actual data showing the required and available levels of AS in the Mindanao Grid, entitled: *AS Availability for Agus ASPA* is attached as **Annex "U"**.

23. As the demand for power in the Mindanao grid increases, the requirements of the system to ensure stability, reliability and security likewise increases. Ensuring the integrity of the system is essential to protect the interests of the public and encourage investments and growth. The importance of AS from PSALM to ensure and maintain the reliability, adequacy, security, stability and integrity of the Mindanao Grid cannot be overemphasized.

24. Applicants respectfully submit that the immediate approval of the ASPA by this Honorable Commission is a necessity in order to achieve reliability, security, adequacy and stability of electricity supply in the Mindanao Grid. In support of these allegations, NGCP submits a copy of the *Judicial Affidavit of Engr. Lisaflor Bacani-Kater*, of the Revenue and Regulatory Affairs Department of NGCP which is attached as **Annex "V"**.

#### **PRAYER**

**WHEREFORE**, premises considered, Applicants respectfully pray that the Honorable Commission:

- a) Immediately **ISSUE** a provisional authority to implement the subject Ancillary Services Procurement Agreements (ASPAs) for Agus I, II, IV, V, and VII dated 11 September 2018;
- b) **APPROVE**, after notice and hearing, the subject ASPAs.

Applicants pray for other just and equitable relief under the premises.

Quezon City for Pasig City, 6 August 2019.

OFFICE OF THE GENERAL COUNSEL  
**NATIONAL GRID CORPORATION OF THE PHILIPPINES**  
NGCP Building, Quezon Avenue corner  
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Tel. No. 981-2100 (Trunk Line)

By:

  
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-AND-

OFFICE OF THE GENERAL COUNSEL  
**POWER SECTOR ASSETS AND LIABILITIES  
MANAGEMENT CORPORATION**

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By:

**JULIUS M. LOTILLA**


*General Counsel*

*Office of the General Counsel*

IBP Lifetime No. 010574, Antique

MCLE Exemption No. VI-0023624 (04-14-19)

Roll of Attorney No. 47461

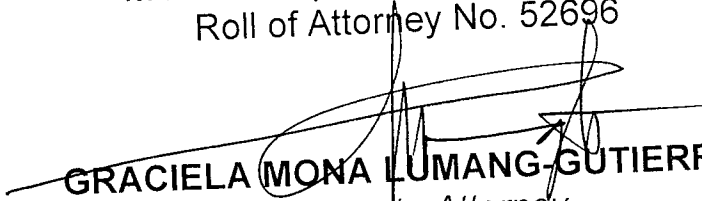
  
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*Corporate Legal Counsel*

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MCLE Compliance No. VI- (1-1-19)

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*Corporate Attorney*

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Roll of Attorney No. 42822

  
**PATERNO S. AQUINO, JR.**

*Corporate Attorney*

IBP Lifetime No.016963

MCLE Compliance No. VI-0004732 (12-08-2017)

Roll of Attorney No. 68011

Courtesy copy:

**NATIONAL TRANSMISSION CORPORATION**  
c/o Office of the General Counsel  
Quezon City corner BIR Road  
Diliman, Quezon City

**NATIONAL TRANSMISSION CORPORATION**  
c/o Office of the President  
Quezon Avenue corner BIR Road  
Diliman, Quezon City

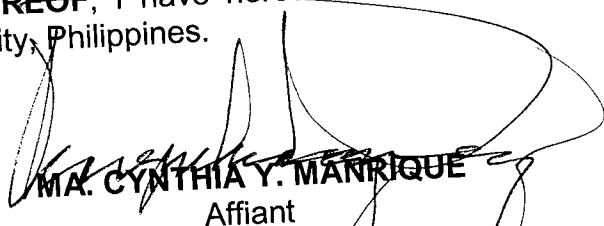
REPUBLIC OF THE PHILIPPINES)  
QUEZON CITY ) S.S.

**VERIFICATION AND  
CERTIFICATION OF NON-FORUM SHOPPING**

I, **MA. CYNTHIA Y. MANRIQUE**, Filipino, of legal age, single, with office address at 2nd Floor, NGCP Building Quezon Avenue, cor. BIR Road Diliman, Quezon City, after having been duly sworn to in accordance with law, hereby depose and say that:

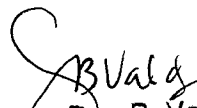
1. I am presently the Vice President and Head of the Revenue Regulatory Affairs of the National Grid Corporation of the Philippines (NGCP);
2. I am duly authorized to sign the Verification and Certification of Non-Forum Shopping in this case for and in behalf of NGCP as evidenced by the Secretary's Certificate hereto attached as **Annex "A-Verification;"**
3. I have caused the preparation of the foregoing Application and I have read it. I attest that the allegations therein are true and correct of my personal knowledge and based on authentic records;
4. I further attest that NGCP has not filed any similar case or action before any court, tribunal or quasi-judicial agency involving the ASPA subject of this case and, to the best of my knowledge, no such other case or action is pending therein; and
5. If I should thereafter learn that a similar case, action or claim other than those mentioned above, is filed or pending before any court, tribunal or quasi-judicial agency, I shall report that fact to this Honorable Office within five (5) days therefrom;

**IN WITNESS WHEREOF**, I have hereunto affixed my signature this 6 August 2019, in Quezon City, Philippines.

  
**MA. CYNTHIA Y. MANRIQUE**  
Affiant

SUBSCRIBED AND SWORN to before me this 6 August 2019, in Quezon City, affiant exhibited to me her Philippine Driver's Lic. No X01-91014806 valid until 13 June 2022 issued by the LTO-QC.

Doc. No. 398 ;  
Page No. 81 ;  
Book No. IV ;  
Series of 2019.

  
**Atty. Jules Boy R. Valdez, CPA**  
Notarial Commission No. 065 / 31 December 2019  
PTR No. 7324896 / 01-04-2019 / Quezon City  
Roll of Attorneys No. 63650  
IBP Life Member Roll No. 012016 / Quezon City  
MCLC Compliance No. VI-0912045 / 07-09-2018  
3<sup>rd</sup> floor, NGCP Bldg. Quezon Ave. cor BIR road, QC

REPUBLIC OF THE PHILIPPINES)  
CITY OF QUEZON ) S.S.

**SECRETARY'S CERTIFICATE**

I, **KAREN S. ONG**, of legal age, Filipino, and with office address at Power Center, Quezon Avenue corner BIR Road, Diliman, Quezon City, Metro Manila, after having been duly sworn in accordance with law, hereby certify that:

1. I am the Corporate Secretary of **NATIONAL GRID CORPORATION OF THE PHILIPPINES** (the "Corporation"), a corporation duly organized and existing under the laws of the Republic of the Philippines, with office address at Power Center, Quezon Avenue corner BIR Road, Diliman, Quezon City, Metro Manila;

2. At the meeting of the NGCP Board of Directors held on 11 June 2013, at which meeting a quorum was present, the following resolution was unanimously approved and adopted:

**"NOW THEREFORE, BE IT RESOLVED, AS IT IS HEREBY RESOLVED**, that the request for authority is hereby approved and adopted for the President & CEO, Chief Administrative Officer, Chief Finance Officer (for finance-related cases), General Counsel, Revenue And Regulatory Affairs Department Head, Engineering Construction Department Head and concerned Project Division Heads, or their appointed and designated officers of NGCP to:

(i) Represent NGCP in any claim, complaint, petition, application, protest, suit, or any case for or against NGCP before any judicial court, prosecutor's office, regulatory body, quasi-judicial or administrative body, agency or office of the government;

(ii) Execute, sign and obtain any document, including verification and certification of non-forum shopping or any other document which may be required or in connection with the preceding paragraph;

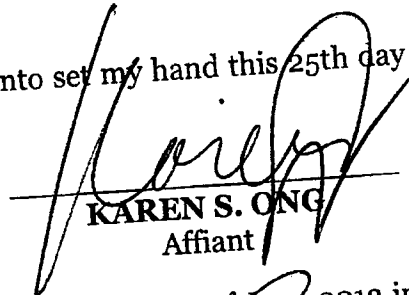
(iii) Appoint, name or designate a representative of NGCP during inquest, preliminary investigation, preliminary conference, pre-trial, mediation, conciliation, arbitration, trial, execution, and all proceeding or action; and

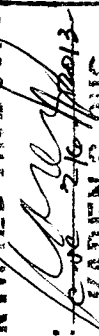
CERTIFIED TRUE COPY  
BY: *[Signature]*  
**KAREN S. ONG**  
CORPORATE SECRETARY

*12/15*

(iv) Do and perform on behalf of NGCP any act and deed necessary to be done in the premises;


IN WITNESS WHEREOF, I have hereunto set my hand this 25th day of June 2013 in Quezon City, Metro Manila.

  
KAREN S. ONG  
Affiant

CERTIFIED TRUE COPY  
BY:  276/11/2013  
KAREN S. ONG

SUBSCRIBED AND SWORN TO before me this 25th day of June 2013 in Quezon City, Metro Manila, affiant exhibiting to me her Passport No. EB1895567 issued on 9 February 2011 in Manila.

Doc. No. 372;  
Page No. 79;  
Book No. 16;  
Series of 2013.

  
Atty. RICO R. CAGARA  
Notary Public, Appointment No. 071  
Commission until 31 December 2013  
PTR No. 7589012; 01-03-13; Quezon City  
IBP Lifetime No. 08600; Bulacan  
Roll of Attorney's No. 53664  
MCLE Compliance No. IV-0006563; 7.04.12  
Unit 305, J. Rosa Condominium  
44 Matimtiman St., Teacher's Village East  
Diliman, Quezon City

VERIFICATION AND CERTIFICATION

I, **IRENE JOY BESIDO - GARCIA**, of legal age, married, with office address at the Power Sector Assets and Liabilities Management (PSALM) Corporation, 24<sup>th</sup> Floor Vertis North Corporate Center 1, Astra corner Lux Drives, Vertis North, North Avenue, 1105 Quezon City, after having been duly sworn to in accordance with law, do hereby depose and state for myself and for PSALM, that:

- (1) I am the President and Chief Executive Officer of the Power Sector Assets and Liabilities Management (PSALM) Corporation;
- (2) I am duly authorized to commence, initiate, sign and file the foregoing Application before the Energy Regulatory Commission entitled, "***In the Matter of the for Approval of the Ancillary Services Procurement Agreement between the National Grid Corporation of the Philippines and Power Sector Assets and Liabilities Management Corporation, (AGUS I,II,IV, V and VII) with Prayer for the Issuance of Provisional Authority***" (referred herein as the **Application**) and to verify and certify under oath the said application pursuant to PSALM Board Resolution No. 2018-0404-07 dated 04 April 2018;
- (2) I have caused the preparation of the foregoing application and I have read it and the allegations therein are true and correct based on my personal knowledge and based on the authentic records available to PSALM Corp.;
- (3) I or PSALM Corp. have not commenced any other action or proceeding involving the same issues in the Supreme Court, the Court of Appeals or any court, tribunal, or quasi-judicial agency and, to the best of my knowledge, no such other action or claim is pending therein; and
- (4) If I or PSALM Corp. should hereinafter learn that the same or a similar action or claim has been filed or is pending in the Supreme Court, the Court of Appeals or any court, tribunal, or quasi-judicial agency, I shall report the said fact within five (5) days from discovery thereof to the Honorable Commission.

~~AUG 06 2019~~ August 2019, Quezon City, Philippines.

  
**IRENE JOY BESIDO - GARCIA**  
Affiant

~~AUG 06 2019~~ **SUBSCRIBED and SWORN TO** before me this ~~6~~ day of August 2019, with affiant **IRENE JOY BESIDO - GARCIA** presenting to me her Philippine Passport I.D. No. P0087701B, issued at DFA Manila valid until 02 January 2029, known to me and to me known to be the same person who executed the foregoing Verification and Certification.

Doc. No. 20;  
Page No. 7;  
Book No. XXX;  
Series of 2019

**NOTARY PUBLIC**  
**ATTY. TOMAS B. BAGA, JR.**  
NOTARY PUBLIC  
UNTIL DECEMBER 31, 2019  
ADM. NO. NP-013 (2018-2019)  
ATTYS. ROLL NO. 13003  
IBP NO. 058254, 01/03/19  
PTR NO. 8627989 / 1-3-19 N. COT. I  
MCLE NO. IV-0026098  
RGH BLDG. TIMOG COR. PANAY AVE. CC.