

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 SN ABOITIZ  
POWER-BENGUET, INC. (FOR  
AMBUKLAO), WITH PRAYER  
FOR THE ISSUANCE OF  
PROVISIONAL AUTHORITY



ERC CASE NO. 2019-014 RC

NATIONAL GRID  
CORPORATION OF THE  
PHILIPPINES AND SN ABOITIZ  
POWER-BENGUET, INC.,

Applicants.

x-----x

## APPLICATION

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

Applicants **NATIONAL GRID CORPORATION OF THE PHILIPPINES** (“NGCP”) and **SN ABOITIZ POWER-BENGUET, INC.** (“SNAP-BI”), by their respective counsel, respectfully state:

### NATURE OF THE CASE

1. This Application is for the approval of the Ancillary Services Procurement Agreement (“ASPA”) between the NGCP and SNAP-BI dated 14 January 2019, pursuant to the Decision dated 3 October 2007 in ERC Case No. 2006-049RC entitled: “In

SJL/A

*the Matter of the Application for the Approval of Ancillary Services – Cost 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 SNAP-BI is a corporation duly organized and existing under and by virtue of the laws of the Republic of the Philippines with principal place of business at Binga Hydroelectric Power Plant, Brgy. Tinongdan, Itogon, Benguet. It may be served with orders, notices, and other legal processes through its undersigned counsel. It is the owner and operator of the Ambuklao Hydro-Electric Power Plant (“Generation Facility”) located at Bokod, Benguet, which was certified and accredited by NGCP to be capable of providing Ancillary Services (“AS”) in the forms Regulating Reserve (“RR”), Contingency Reserve (“CR”), Dispatchable Reserve (“DR”) Black Start Service (“BSS”) and Reactive Power Support (“RPS”).

## **ANTECEDENT FACTS**

4. Republic Act No. 9136 (“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

---

<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

its operations and maintenance, as set forth in the Philippine Grid Code (“PGC”)<sup>2</sup>, 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>

5. Similarly, the PGC provides that NGCP 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>

6. AS 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.” These services are essential in ensuring reliability in the operation of the transmission system and consequently, in the reliability of the electricity supply in the Luzon, Visayas and Mindanao grids.

7. 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 Ancillary Services-Cost Recovery Mechanism (“AS-CRM”) through its Decision dated 3 October 2007 in ERC Case No. 2006-049RC.

8. 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.

9. It may be recalled that on 08 August 2016, the Applicants entered into an ASPA (2016 ASPA) for a period of 5 years for the procurement of RR, CR, DR and BSC. On 24 August 2016, the Applicants filed an application docketed as

---

<sup>2</sup> Section 9 (c)

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

<sup>4</sup> Section 6.3.1.2

ERC Case No. 2016-165RC before the Honorable Commission for the approval of the 2016 ASPA, which was provisionally approved through an Order dated 20 February 2018.

10. To further support NGCP in maintaining power quality and the reliability of the Luzon Grid, SNAP-BI offered to provide RPS. Thus, on 14 January 2019, the Applicants entered into a new ASPA for RPS on a non-firm contracted capacity basis.

A copy of the *Ancillary Services Procurement Agreement between NGCP and SNAP-BI* dated 14 January 2019 is attached hereto as **Annex “A”**.

11. During the period of negotiation, NGCP has certified that the units of the Generation Facility to have met and complied with the Standard Ancillary Services Technical Requirements of the ASPP as capable of providing RPS. A copy of NGCP Accreditation Certificate No. 2018-L017 dated 1 September 2018 is attached hereto as **Annex “B”**.

#### **NON-FIRM CONTRACTED CAPACITY RATE AND IMPACT SIMULATION**

12. Under Clause 3 of the ASPA, SNAP-BI shall provide NGCP with the following AS as specified in Schedule 1 of the ASPA, follows:

Non-Firm Contracted Capacity

Reactive Power Support (RPS)

Available capacity of Reactive Power outside the range of 85% lagging and 90% leading power factor, as provided in Schedule 6.

*Note: This is in addition to the other Ancillary Service types provided under the Schedule 1 of ASPA entered into by SNAP-B and NGCP on 8 August 2016 with ERC Case No. 2016-165 RC.*

13. The Applicable Rates for the incidental kVARh covered by the ASPA as provided in Schedule 3 are as follows:

**Real Time Incidental kVARh Utilization while Providing Contingency or Dispatchable Reserves.** This shall be paid based on the total recorded kVARh delivered/absorbed beyond 0.85 power factor lagging or 0.9 power factor leading from the time when the dispatch of RPS was instructed. The compensable kVARh shall be paid at:

*Incidental kVAR Rate: Php 4.00/ kVARh*

*Compensable kVARh = Actual kVARh – Base kVARh*

*Where:*

*Actual kVARh = actual reactive power provided within each interval*

*Base kVARh = corresponding kVARh at 0.85 power factor lagging or 0.9 power factor leading, for the unit's MW loading. For clarity, the MW loading is the unit's Pmin, or RTD schedule, whichever is greater.*

14. Applicants submit that the rates represent a reasonable recovery of its opportunity cost in making available generation capacity to provide the procured AS.

15. The rates under ASPA was subjected to a simulation by NGCP, the results of which are as follows:

| Overvoltage Condition   | Cost, Php Mn | Indicative Rate Impact |                     |
|-------------------------|--------------|------------------------|---------------------|
|                         |              | PhpP/kW-month          | PhpP/kWh equivalent |
| SNAP-Benguet (Ambuklao) | 7.20         | 0.1734                 | 0.0004              |
| Undervoltage Condition  | Cost, Php Mn | Indicative Rate Impact | PhpP/kWh equivalent |
| SNAP-Benguet (Ambuklao) | 84.01        | 1.3047                 | 0.0027              |

A copy of the *Rate Impact Simulation* is attached hereto as **Annex "C"**.

16. 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 Luzon.

17. The ASPA shall be effective for a period of five (5) years, to commence immediately upon the effectivity of the provisional approval, or in the absence thereof, the final approval of the instant Application. In the event that the provisional or final approval, as the case may be, does not state a particular date of effectivity, the Agreement shall be effective on the date agreed upon by the Parties.

18. SNAP-BI, as a generation company, falls within the ambit of Section 6 of the EPIRA. Attached are copies of relevant documents proving SNAP-BI's due registration as a generation company, relevant permits to operate the Generation Facility and audited financial statements, as follows:

| <b>Document</b>  | <b>Annex</b> |
|--|--------------|
| <i>Certificate of Compliance</i>                                       | "D"          |
| <i>Summary of Existing Power Supply Agreement</i>                      | "E"          |
| <i>Articles of Incorporation</i>                                       | "F"          |
| <i>Latest Security Exchange Commission – General Information Sheet</i> | "G"          |
| <i>Latest Audited Financial Statement</i>                              | "H"          |
| <i>WESM Registration</i>   | "I"          |

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

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

19. It is a declared policy of the State to ensure the quality, reliability, security and affordability of the supply of electric power (*Section 2(b), EPIRA*). To this end, there is a need to comply with the system requirements for AS to ensure grid system security and reliability. As mentioned above, NGCP has the mandate to procure the required AS.

20. RPS is one of the ancillary services provided in the PGC that is *essential in maintaining power quality and the*

*reliability of the grid*<sup>5</sup>. SNAP-BI having offered to provide its RPS, will significantly help maintain the required power quality and voltage level in North Luzon. The Generation Facility is strategically located in North Luzon, thus, its provision for RPS will definitely enable NGCP to comply with its mandate.<sup>6</sup>

21. Thus, NGCP and SNAP-BI agreed to execute another ASPA for a period of five years to provide RPS.

22. 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 hereto as **Annex “K”**.

### **PRAYER**

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

- a) Immediately **ISSUE** a provisional authority to implement the subject ASPA executed on 14 January 2019; and
- b) **APPROVE**, after notice and hearing, the subject ASPA.

Applicants pray for other just and equitable relief.

Quezon City and Taguig City for Pasig City, 11 February 2019.

---

<sup>5</sup> Section 1.6, PGC;

<sup>6</sup> A copy of the List of Ancillary Services Providers in Luzon Certified with Reactive Power Support is attached as **Annex “J”**.

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

By:



**LUIS MANUEL U. BUGAYONG**  
PTR No. 7324882 / 01.04.19 / Quezon City  
IBP Lifetime No. 010191/RSM  
MCLE Compliance No. VI-0012003 / 09.07.18  
Roll of Attorneys No. 38002  
Email address: [lubugayong@ngcp.ph](mailto:lubugayong@ngcp.ph)



**MARK ANTHONY S. ACTUB**  
PTR No. 7324884 / 01.04.19 / Quezon City  
MCLE Compliance No. VI-0011999 / 09.07.18  
IBP Lifetime No. 04514/ Misamis Oriental  
Roll of Attorneys No. 45707  
Email address: [msactub@ngcp.ph](mailto:msactub@ngcp.ph)



**RAYCELL D. BALDOVINO**  
PTR No. 7324887 / 01.04.19 / Quezon City  
MCLE Compliance No. VI-0012002 / 09.07.18  
IBP Lifetime No. 010195/ RSM  
Roll of Attorneys No. 50672  
Email address: [rdbaldovino@ngcp.ph](mailto:rdbaldovino@ngcp.ph)



and

OFFICE OF THE LEGAL AND COMPLIANCE COUNSEL  
**SN ABOITIZ POWER-BENQUET, INC.**

10th Floor, NAC Tower  
32nd Street, Bonifacio Global City  
Taguig City

By:



**DAVID I.B. OCAMPO**

IBP Lifetime No. 13885 / 05/26.15 / Cam.Sur  
PTR NO. No. 6435663 / 01.10.19 / Pasay City  
MCLE Compliance No. V-005164 / 12.09.14  
Roll of Attorneys No. 37759  
Email address: david.ocampo@snaboitiz.com

*New*

**DAVID ANTHONY B. ARANAS**

IBP No. 070782 (01-23-19; Quezon City)  
PTR NO. No. 4324864 (01-23-19; Taguig City)  
MCLE Compliance V-0015518 (03.07.16)  
Roll No. 63018

Email address: david.anthony.aranas@snaboitiz.com

Courtesy Copy:

**NATIONAL TRANSMISSION CORPORATION**

Office of the President  
Quezon Avenue corner BIR Road  
Diliman, Quezon City

**NATIONAL TRANSMISSION CORPORATION**

Office of the General Counsel  
Quezon Avenue corner BIR Road  
Diliman, Quezon City

**POWER SECTOR ASSETS AND LIABILITIES MANAGEMENT CORPORATION**

c/o Office of the President  
24<sup>th</sup> Floor Vertis North Corporate Center 1  
Astra corner Lux Drives, Vertis North  
Mindanao Avenue, Quezon City

AMBUKLAD

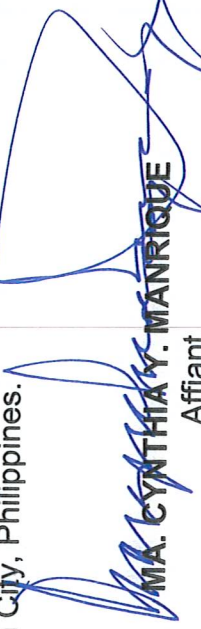
REPUBLIC OF THE PHILIPPINES)  
QUEZON CITY ) S.S.

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;

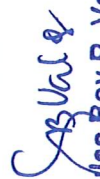
**IN WITNESS WHEREOF**, I have hereunto affixed my signature this 11 February 2019, in Quezon City, Philippines.



**MA. CYNTHIA Y. MANRIQUE**  
Affiant

SUBSCRIBED AND SWORN to before me this 11 February 2019, in Quezon City, affiant exhibited to me her Philippine Passport No. EC0371531 valid until 20 February 2019 issued by the DFA NCR North East.

Doc. No. 87 ;  
 Page No. 19 ;  
 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. 63350  
 IBP Life Member Roll No. 012616 / Quezon City  
 MCLE Compliance No. VI-0012045 / 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

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

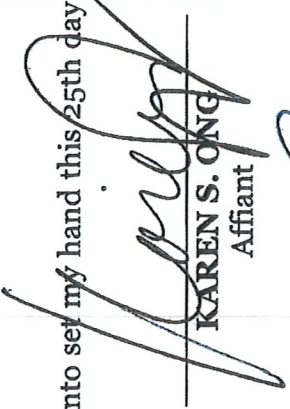
CERTIFIED TRUE COPY

07

*[Handwritten mark]*

(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:   
KAREN S. ONG  
CORPORATE SECRETARY  
07/06/2013

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. 379;  
Book No. 16;  
Series of 2013.

  
Atty. RICO R. SAGARA  
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  
MCIE Compliance No. IV-0006563; 7.04.12  
Unit 305, J. Rosa Condominium  
44 Matimtiman St., Teacher's Village East  
Diliman, Quezon City

(Republic of the Philippines)  
(Taguig City ) s.s.

VERIFICATION AND CERTIFICATION

I, **Joseph S. Yu**, of legal age, married, with office addresses at Binga Hydroelectric Power Plant, Brgy. Tinongdan, Itogon, Benguet Province and/or 10<sup>th</sup> Flr., NAC Tower, 32<sup>nd</sup> Street, Bonifacio Global City, Taguig City, after having been duly sworn to in accordance with law, do hereby depose and state for myself and for **SN ABOITIZ POWER-BENQUET, INC.**, that:

1. I am the President and Chief Executive Officer of **SN ABOITIZ POWER-BENQUET, INC.** with authority to commence, initiate and file the foregoing Application pursuant to Board Resolution dated December 11, 2018, a copy of which is hereto attached;
2. I have read the Application and the allegations therein are true and correct based on my personal knowledge or the authentic records available;
3. If I or **SN ABOITIZ POWER-BENQUET, INC.** 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 **SN ABOITIZ POWER-BENQUET, INC.** 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 and/or Court.


Taguig City, Philippines.

  
Joseph S. Yu  
Affiant

FEB 11 2019

**SUBSCRIBED and SWORN TO** before me this \_\_\_\_\_ day of February 2019, with affiant Joseph S. Yu presenting to me his Passport No EC5039291 issued on 15 August 2015 at DFA, Manila, known to me and to me known to be the same person who executed the foregoing Verification and Certification.

Doc. No. 167;  
Page No. 35;  
Book No. 1;  
Series of 2019.

  
JAY MARWIN P. CELZO  
Commission No. 114.  
Notary Public for Taguig City  
8th Floor, W Global Center, 9th Avenue cor. 30th St.  
Bonifacio Global City, Taguig, Philippines  
Roll of Attorney's No. 71830  
IBP No. 42768; 5-16-18; Rizal  
PTR No. 7640657, 12 September 2018, Marikina City  
TIN No. 298-449-431-000  
MCLE Compliance Exempted, pursuant to MCLE  
Governing Board Order No. 1, s. 2008

**SN ABOITIZ**  
POWER - BENGUET INC.

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

**SECRETARY'S CERTIFICATE**

I, **JOANNE L. RANADA**, Filipino, of legal age, with office address at NAC Tower, 32<sup>nd</sup> Street, Bonifacio Global City, Taguig City, after having been duly sworn in accordance with law, hereby depose and state that:

1. I am the duly elected Assistant Corporate Secretary of **SN ABOITIZ POWER-BENGUET, INC.** (Formerly: SN Aboitiz Power Hydro, Inc.) (the "Company"), a company duly organized and existing under Philippine law, with principal office address at Binga Hydroelectric Power Plant, Barangay Tinongdan, Itogon, Benguet Province, Philippines.
2. At the Regular Board Meeting held on **December 11, 2018**, at which meeting a quorum was present and acting throughout, the following resolution was unanimously passed and approved:

**"RESOLVED**, that the Board of Directors of **SN ABOITIZ POWER-BENGUET, INC.** (the "Company") be authorized, as it is hereby authorized to file an Application with Energy Regulatory Commission ("ERC") for the approval of the Ancillary Services Procurement Agreement ("ASPA") with the National Grid Corporation of the Philippines (the "Application") for the Ambuklao Hydro Electric Power Plant and Binga Hydro Electric Power Plant;

**RESOLVED FURTHER**, that Attorneys **Michael Bon C. Hosillos** and/or **David I.B. Ocampo** and/or **David Anthony B. Aranas**, the Company's Legal Counsel, be authorized to perform the following actions:

- a. File aforementioned Application, represent the Company, and appear for and on its behalf in all proceedings, meetings, discussions before the ERC and to perform any and all acts and deeds and to submit and sign such documents and pleadings necessary to implement this authority;
- b. Act as agent of and appear in behalf of the Company in the Pre-trial and all proceedings in relation to the said Application, with full power to make commitments and take positions, and to consider [i] the possibility of an amicable settlement or a submission to arbitration, mediation or other modes of alternative dispute resolution; [ii] the simplification of the issues; [iii] the necessity or desirability of amendments to the pleadings; [iv] the possibility of obtaining stipulations or admissions of facts and of documents totally or partially to avoid unnecessary proof; [v] the limitation of the number of witnesses or time allocated to particular witnesses and issues; [vi] the advisability of a preliminary reference of issues to a

✓

commissioner; [vii] the necessity or desirability of having an expository hearing or consumer forum; [viii] procedures at the hearing and hearing schedule; [ix] the submission of written testimony and exhibits to be offered and the marking thereof; [x] agreements regarding service of documents; and [xi] such other matters as may aid in the prompt disposition of the proceedings;

**RESOLVED FINALLY**, that **Mr. Joseph S. Yu**, the Company's President & Chief Executive Officer, be authorized, as he is hereby authorized to:

- a. Represent the Company in the filing of the Application with the ERC;
- b. Execute, sign and obtain any document, including the verification and certification of non-forum shopping, that may be required in the filing and prosecution of the said Application, as well as any further necessary petitions or appeals; and
- c. Do and perform on behalf of the company any act and deed relating to the case, which the Company could legally do and perform, including the filing of any further necessary petitions or appeals."

**RESOLVED FURTHER**, that all previous board resolutions, pertaining to the authorized signatories, be amended, as they are hereby deemed amended accordingly;

**RESOLVED FINALLY**, that the Board of Directors of the Company, approve, ratify and confirm, as it hereby approves, ratifies and confirms any and all acts done by the foregoing authorized representative in relation to the foregoing resolutions."

3. This board resolution has not been revoked, amended or modified, and remain valid and binding on the Company as of the date hereof.
4. The foregoing statements are in accordance with the records of the Company.



14 DEC 2018

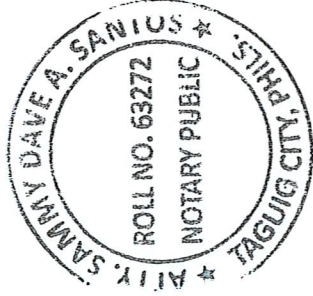
IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_\_\_ in Taguig City, Philippines.

*Joanne L. Ranada*  
JOANNE L. RANADA  
Assistant Corporate Secretary <sup>enr</sup>

14 DEC 2018

SUBSCRIBED AND SWORN to before me this \_\_\_\_\_ at Taguig City, Philippines. Affiant, who is personally known to me, exhibited to me her Passport No. EC8017326 issued on June 14, 2016 at DFA NCR South and her Community Tax Certificate No. 10575805 issued on August 20, 2018 at Laoag City, Ilocos Norte.

Doc. No. 209;  
Page No. 13;  
Book No. 111;  
Series of 2018.



*Atty. Sammy Dave A. Santos*  
Atty. Sammy Dave A. Santos  
Notary Public for Taguig City  
Notarial Commission No. 48

Unit December 31, 2019  
Unit 10WE, 32<sup>nd</sup> Street, Bonifacio Global City, Taguig Cit  
eTR No. A-3747887; Taguig City; January 8, 2018  
IBP OR No. 023446; January 9, 2016

Roll No. 63272  
MCLE Compliance No. V-0012594