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ANNEX

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July 16, 2020

To: Prospective Bidders

Subject: Addendum No. 1 – IFB # GPL- PD - 017 – 2020 - Supply of 16.7 MVA and 35 MVA Substation Transformers and 35 MVA Mobile Substation.

In keep with the Guyana Power and Light Inc. policy on fair bidding, this addendum is hereby issued.

1. Detailed Technical Characteristics of the components for the required Mobile Station:

Kindly refer to pages 21 to 52 of the Bid Document that are referenced to a series of specific IEEE standards, inclusive of particular ASTM, NEMA and IEC standards. Table 1 on pages 27 and 28 for further details on these standards and specifications, where applicable.

The technical characteristics of these components shall meet or exceed the requirements of the installation/service conditions stated in Section 3 on page 28 and the electrical system conditions outlined in Section 4 on page 29. The balance of details pertaining to the Mobile Substation in this Bid highlight other technical specifications that are of interest to GPL Electric Power System.

2. Section 26 on page 37 of the Bid Document should read as follows:

"The MV Switchgear should be either GIS or Vacuum type for complete and safe mounting onto a trailer. The MV switchgear shall consist a total of four (3) circuit breakers; two (2) MV feeder circuit breakers, one (1) circuit breaker to accommodate an appropriately sized Zig-Zag grounding transformer (to be also supplied) with earthing switches and cubicles and one (1) incomer circuit breaker (see Single Line Diagram for further specific details). All MV circuit breakers shall be capable of both local and remote operation, supervision and control and indication (including an indication of earthing switches' position) through SCADA. SCADA communication protocol shall be or compatible with IEC 60870-5-101, IEC 60870-5-104, DNP 3.0 (TCP/IP)."

3. Section 2: Except where modified by this specification, the **mobile substation** shall be designed, manufactured and tested in accordance with the latest editions of the following standards see (Table 1).

4. Below table 1 on page 28 should read:

"In case of conflict, the order of precedence shall be:

- *This Technical Specification;*
- *IEEE standards; and*
- *Other Applicable and Recognized Standards for **the mobile substation.***"

5. The OLTC controller must have the option to switch from MANUAL operation to AUTOMATIC operation and vice versa.

6. No specific manufacturer is preferred. However, whichever one is chosen, must be reputable and provide durable, quality products, as well as reliable and satisfactory after-sale service.

7. Single Line Diagram of the Mobile Station is provided.

Note: Any bidder/representative who chooses to attend the opening of this bid will be subjected to entry protocols in keeping with the COVID-19 pandemic. Only one (1) representative is allowed per entity and the representative will be subject to body temperature tests, hand sanitizing and mandatory use of face masks at all times. Failed body temperature tests and/or resistance to comply with the aforementioned will prohibit your participation in the bid opening.

Yours sincerely,
Guyana Power and Light Inc.


GUYANA POWER & LIGHT INC.
PROCUREMENT MANAGER

Anthony Johnson
Procurement Manager