



ASSAM ELECTRICITY GRID CORPORATION LIMITED

Regd. Off.: BIJULEE BHAWAN (FIRST FLOOR) PALTANBAZAR; GUWAHATI - 781001
CIN: U40101AS2003SGC007238

PHONE: 0361-2739520 FAX NO.0361-2739513
Web: www.aegcl.co.in Email: managing.director@aegcl.co.in

Memo No AEGCL/MD/TECH-620/PSDF/DG Set/ 71

Dtd : 13 .09.2017

AMMENDMENT-II and Time Extension-III

IFB no. AEGCL/MD/TECH-620/PSDF/DG Set /IFB(Package-A)
BID IDENTIFICATION NOS. AEGCL/MD/DGSETS/PSDF-014(R1)/PACKAGE-A
&

IFB no. AEGCL/MD/TECH-620/PSDF/DG Set /IFB(Package-B)
BID IDENTIFICATION NOS. AEGCL/MD/DGSETS/PSDF-014(R1)/PACKAGE-B

The bids identified against the above referred IFBs and Bid identification nos. is amended to the following extent -

1. Section-3, Purchaser's Requirements

The Clause 3.5.3.3 is amended to read as follows:

" The diesel engine shall be vertical cylinder, single acting, mechanical fuel injection type and furnished with all the required equipment as per standard practice. The engine should develop rated horse power to drive 100 kVA/250KVA alternator. The required auxiliaries, guarantee of fuel consumption for rated output, governor performance and torsional vibration shall be in accordance with IS: 1002. The engine shall be provided with an exhaust gas turbo charger and a charged air cooler, integral air intake filter and silencer. The engine should have throttle controlled and the engine water cooling should have radiator. For charged air cooler, the cooling water inlet flow shall be thermostatically controlled."

2. Section-3, Purchaser's Requirements

The text appearing at Sl. (c) Clause 3.6.5.14 is amended to read as follows:

" 6 Nos. single phase CT's with KPV 300V & RCT 0.25 ohm for differential protection of DG Set on neutral side **only for 250kVA.**"

3. Section-3, Purchaser's Requirements

The text appearing in the following bullets under Clause 3.6.5.15 is amended to read as follows:

- Four pole ACB/MCCB for Mains and for Alternator with mechanical interlock. The ampere capacity shall be 630A ACB for 250 KVA and 250A MCCB for 100 KVA. The four pole MCCB for 100 kVA DG shall have the following features:
 - 250 A continuous current rating.
 - Overload protection, Short Circuit protection, Earth fault protection, under voltage protection and shunt trip.
 - 35kA breaking capacity.
 - Spread type terminals and phase barriers.
 - Suitable arrangement shall be made to accommodate 3¹/₂ core Aluminium XLPE cable of size 300 sq.mm.
- 6 Nos. of Current transformers 150/5A 5P10,15VA (for 100KVA) and 400/1A (for 250KVA) for protection and class1 for metering. Note: The line voltage monitor (LVM) should monitor the voltage condition of the mains supply and bring the D-G set in to operation if the line voltage falls below $\pm 10\%$ from the rated voltage of 415V.



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4. Section-3, Purchaser's Requirements Annexure – 1 (Guaranteed and Other Technical Particulars)

The text appearing at **Sl. 8.6** is amended to read as follows:

8.6 Make and Capacity of Type of ACB, MCCB & Contactors

The above is in continuation with the earlier Amendment. All other terms and conditions shall remain same.

The tender submission deadline is extended upto 12:00 Hrs. of 21.09.2017

The tender opening date is 14:00 Hrs of 21.09.2017.

Sd/-

Chief General Manager

Assam Electricity Grid Corporation Ltd
Bijulee Bhawan, Paltanbazar, Guwahati – 1