



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

AMMENDMENT AND TIME EXTENSION-II

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-1, Instructions to Bidders

The Clause 1.3.9.1.is amended to read as follows:

The Bidder shall furnish as part of its bid, in original form, a Bid Security as specified in the BDS.

In case bidder is unable to submit the Bid Security in the e-tender portal, submission of the EMD BG in hard copy before the tender submission deadline shall ensure the eligibility of the bid for opening.

2. Section-3, Purchaser's Requirements

The text appearing at Sl. (k) Clause 3.5.3.1 is amended to read as follows:

"Fuel shut down solenoid (24Vdc for 200kVA & 12Vdc for 100kVA, stop solenoid)"

3. Section-3, Purchaser's Requirements

The text appearing at Sl. (q) Clause 3.5.3.1 is amended to read as follows:

AMF panel should be with following:

- Lubricating oil temperature gauge
- Lubricating oil pressure gauge
- Water temperature gauge
- Hour meter and speedometer

4. Section-3, Purchaser's Requirements

The Clause 3.6.1.8 **Terminal Box** is amended to read as follows:

"Eight (8) output terminals (R, Y, B,N, R', Y', B', N') shall be provided in alternator terminal box. Terminals shall be suitable for 2 Nos. 3½ Core 300 mm² XLPE cables for 250kVA DG set and 1 no. 3½ Core 300 mm² XLPE cable for 100kVA DG set. The neutral shall be formed in AMF panel. The generator terminal box shall be suitable to house necessary cables and should be made of nonmagnetic material."

5. Section-3, Purchaser's Requirements

A new sub clause is added to the Clause 3.6.3 which read as follows:

"3.6.3.3 The design shall be in conformity with the ARAI Standards."

6. Section-3, Purchaser's Requirements



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The Clause 3.6.5.13 is amended to read as follows:

"AMF panel shall have facility for adjustment of frequency including fine adjustments in remote as well as in local mode."

7. Section-3, Purchaser's Requirements

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

- Three nos. over current relay for generator protection (CDV61/62 or Micom P342/46).
- 6 Nos. of Current transformers 150/5A 5P10,15VA (for100KVA) and 400/5A (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.

8. Section-3, Purchaser's Requirements

A new sub clause is added to the Clause 3.6.5 which read as follows:

"3.6.5.16 If the DG Controller incorporates all features as mentioned in clauses 3.6.5.8 and 3.6.5.10, separate instruments may not be provided."

9. Section-3, Purchaser's Requirements

The Clause 3.6.6.3 is amended to read as follows:

The enclosure shall be fabricated from at least 16 Gauge CRCA sheet steel and of Modular construction for easy assembling and dismantling. The sheet metal components shall be pretreated by Seven Tank Process and Powder coated (PURO Polyester based) both-inside and outside – for long life. The hard-ware and accessories shall be high tensile grade. Enclosure shall be given a lasting anti-rust treatment and finished with pleasant environment friendly paint. All the hardware and fixtures shall be rust proof and able to withstand the weather conditions. The design shall be in conformity with the ARAI Standards."

10. Section-3, Purchaser's Requirements

The Clause 3.6.6.6 is amended to read as follows:

"High quality rock wool for 250 KVA & rock wool/PU Foam for 100 KVA of required density and thickness shall be used with fire retardant thermo – setting resin to make the Enclosure sound proof. The design shall be in conformity with the ARAI Standards."

11. Section-3, Purchaser's Requirements

The note (iii) of Clause 3.6.10 **DG Set Controller Functional Requirement** is amended to read as follows:

"Controller shall have the facilities for adjustment of frequency including fine adjustments in remote as well as local mode."

12. Section -3 Purchaser's Requirements

The first para of clause 3.6.13.1 **Load Test** is amended to read as follows.



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"In addition to the checks and test recommended by the manufacturer, the Contractor shall carry out the following tests to be carried out at their works in presence of the Purchaser's representative. The engine shall be given test run for a period of at least 6 hours. The set shall be subjected to the maximum achievable load as directed by the Purchaser without exceeding the specified DG set rating. It is the responsibility of the Contractor to arrange the necessary load, fuel, lube oil, tools and test equipment required to carry out the tests at their works without any additional cost."

13. Section-3, Purchaser's Requirements

The Clause 3.6.13.6. **Measurement of Vibration** is amended to read as follows:

"The vibration shall be measured at load as close to maximum achievable load and shall not exceed 250microns. Submission of factory test reports against the same shall also be acceptable after thorough scrutinization by Purchaser in which case the test need not be done at site."

14. Section-3, Purchaser's Requirements

The Clause 3.6.13.7. **Noise Level check** is amended to read as follows:

"As per relevant standard. The tests shall be carried out with the DG set operating at rated speed and at maximum achievable load. Necessary correction for Test environment condition & background noise will be applied as per IS:12065. Submission of factory test reports against the same shall also be acceptable after thorough scrutinization by Purchaser in which case the test need not be done at site."

15. Section -3 Purchaser's Requirements

The clause 3.6.14.2 is amended to read as follows.

"All fittings, unit assemblies, accessories, hardware foundation bolts, terminal lugs for electrical connections, Control cable, glands and miscellaneous materials or accessories of items of work which are useful and necessary for efficient assembly and working of the equipment shall be deemed to be included in the tender within the overall cost quoted. The equipment shall be complete in all details whether such details have been mentioned or not. *Tentative Power cable requirement is shown in the Price Schedules which shall be supplied. However, any additional requirement of Power cable shall be confirmed from the consignee for completion of the job.*"

16. Section -2 Bidding Forms

3 Price Schedules



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BoQ of Power Cable in **SI no. 2** of "**Schedule No. 1 – Supply of Goods (Main Equipment)**" and "**Schedule No. 1B - Related Services (Freight & Insurance - Main Equipment)**" **is amended**. Revised Price Schedules have been uploaded in the e-tendering portal.

All other terms and conditions shall remain same.

The tender submission deadline is extended upto 12:00 Hrs. of 18.09.2017

The tender opening date is 14:00 Hrs of 18.09.2017.

Sd/-
Chief General Manager
Assam Electricity Grid Corporation Ltd
Bijulee Bhawan, Paltanbazar, Guwahati – 1

Memo No AEGCL/MD/TECH-620/PSDF/DG Set/ 67
Copy to :

Dtd : 08 .09.2017

1. The AGM -IT, O/o the MD, AEGCL, for publication of the notice in AEGCL's Website. (Soft copy enclosed)

Chief General Manager
Assam Electricity Grid Corporation Ltd