

CLARIFICATIONS TO QUERIES ON TECHNICAL SPECIFICATIONS

Enquiry No: 77/19/6050/ASR

SN	BIDDER'S QUERY	BHEL REPLY DATED 27.07.2019
01	As per clause number 14 of SECTION VI (page number 9 of 24) As per Cummins, the offered engine controller has RS485 port which can communicate on MODBUS, further any other communication on any other protocol shall be in BHEL's scope. Kindly confirm.	Confirmed.
02	Kindly confirm which specification shall be followed for battery charger as there are 2 kind of charger specifications mentioned. (as per clause number 4 of specification number IS-I-17-2001/DG we have to offer dual float cum boost charger however as per 5.06.00 of specifications number 14A14-SPC-G-0001 we have to offer float and one float cum boost charger).	Bidder to supply two nos. float cum boost charger as per clause 4 of BHEL SPECS(IS-1-17-2001/DG). However the two float cum boost chargers may be housed in the same cabinet/panel .
03	As per clause number 14 (Page 19 of 24) of specifications number IS-I-17-2001/DG We will offer separate AMF Panel and separate Aux. panel outside enclosure, inside the DG room as shown in the drawing. Kindly confirm.	Separate auxiliary panel is not required. Supply for Auxiliaries of DG shall be from DG AMF Panel only. Feeder list already specified in the specifications. AMF panel shall be located outside the enclosure .
04	As per clause number 23 (Page 21 of 24) of specifications number IS-I-17-2001/DG as per specification breaker control panel for DG set shall be in other vendor/ BHEL scope. Hence, one feeder for load bank shall be in BHEL's scope. Kindly confirm.	Bidder's understanding is correct. Feeder for load bank and cables from that feeder to load bank shall be in BHEL scope. However glands and lugs for terminating cables on load bank shall be in bidder's scope. (5 runs per phase of 1C*630 sq mm Al Cables)
05	As per Clause 4 (Page 6 of 24), Section-IV of specifications number IS-I-17-2001/DG, we request you to provide further load details like efficiency of motor and running power factor and base load PF enabling us to do the load calculations	Efficiency of the largest motor:0.945 Running pf of the largest motor:0.90 Pf of the base load: 0.80
06	Kindly clarify whether proposed Load Bank is to be supplied by us (Like other Line Items) OR the same shall be supplied by us on returnable basis only for DG Test at site purpose.	Load bank is to be supplied like any other line item. Same shall be used by the end customer for periodic load test of the DG Set .
07	Wherein BHEL confirmed to conduct Commissioning Test/ PG Test/ Load Trial using Load to be provided by BHEL.We need to understand whether it shall be proposed Load Bank (Price Bid Item No. 23) OR actual site connected Load.	PG test procedure and duration shall be decided during detailed engineering. It may be conducted using the load bank or the available site load.
08	Can we get our Final payment upon offering DG Set Load Trial using Proposed Load Bank to close the Contract?	We shall make the final payments on completion of the PG Test.

