

ADDENDUM-1

DATE: 12.04.2022

DG Set & Accessories for THDCIL Khurja STPP 2 X 660 MW Project

Tender Ref: 77/22/6001/BPA

NIC Tender ID: 2022_BHEL_10532_1

“Extension of due date for submission of offer”

Due date for submission of Offer has been extended to 21.04.2022

Submission of offer by 1.00 PM on 21.04.2022

Opening of Techno commercial bid at 4.00 PM on 21.04.2022

Any further addendum such issued carry part of the bidding documents and this will be available at the web site from where the original documents have been received / downloaded by the bidder. Hence, bidders are requested to visit the web site on regular basis.

Corrigendum-01 dtd 12.04.2022 enclosed shall be a part of the tender documents.

For Further Queries if any, Contact:

For Commercial :

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Bidders to consider the following requirements also while preparing their offer for the subject tender.

1. Bidder to submit the following documents along with their technical offer.
 - a) Engine Datasheet
 - b) Alternator datasheet
 - c) DG Set controller catalogue
 - d) GA of DG Set
 - e) GA of Acoustic enclosure
 - f) Authorisation certificate from Engine and alternator manufacturer
 - g) Deration calculation for engine and alternator
2. Bidder's to note that the “ **EXHAUST SUPPORT STRUCTURE** “ shall have minimum galvanisation thickness of 610 g/ sq m) at any point.
3. Bidder to consider the **Lugs and double compression Glands** for following cables:
(Between DG AMF panel and LT Switchgear and Control Room) as stated in clause V.9 , Sheet-11 of Technical enquiry specification.

SN	TYPE OF CABLE (in BHEL scope)	NO OF RUNS	NO. OF GLANDS (In bidder's scope)
1	3C x 25 sq mm Al cables	3	3
2	10C X 2.5 sq mm Cu cables	3	3
3	5C X 2.5 sq mm Cu cables	6	6
4	12Px 0.5 sq mm G type	3	3
5	12Px 0.5 sq mm F type	3	3
6	2C x 16 sq mm Al cable	3	3
LUGS TO BE CONSIDERED FOR ABOVE CABLES FOR TERMINATION IN DG AMF PANEL			

4. SECTION VII – INSPECTION AND TESTING
The type test report of engine , alternator , AMF Panel , Battery Charger must be witnessed by end customer / Third party inspection agency.

Note: Bidder to sign this addendum and submit with the technical offer

<div>  </div> <div> CORRIGENDUM-1 PRE-BID CLARIFICATION PROJECT: Khurja STPP (2x660MW) project </div>						
ENQUIRY NO: 77/22/6001/BPA ITEM: DG Set & Accessories						
SL NO	VOLUME/ SECTION	PAGE NO.	CLAUSE NO.	TECHNICAL SPECIFICATION/ TENDER DOCUMENT	COMPLETE DESCRIPTION OF QUERIES	BHEL REPLY DATED 12.04.2022
REPLY TO TECHNICAL QUERIES						
1	Annexure-2 THDC SPECIFICATIONS	3 of 15	4.10.00	The DG set shall be capable of starting largest size of emergency 415 V drive (motor) having starting KVA/rated KW ratio of 8 (higher if starting current is more than 8) and starting power factor of 0.2 with terminal voltage drop being restricted to 15%. Generator loading before starting of this motor shall be considered as 50% of generator rating	We have check and found that no Detail of Motor rating given. Hence This Sizing cannot done without Motor detail. Please share the Highest Motor detail for calculation of TVD and alternator Sizing.	DG Sizing has already been done by end customer / consultant. Bidder to quote for 1500 KVA DG Set . Alternator details shall be as per specifications.
2		11 of 15	9.00.00	xi) The Main Phase side terminal box shall be suitable for terminating Sandwiched type LT bus ducts	Please note that in case of Busduct entry, Adopter box for busduct shall be in scope of Bus duct manufacture.	Bidder's understanding is correct.
3	BOQ		1.19	Training for Owner/ BHEL Engineers at manufacturer's works	Please note that at our manufacture work there is no arrangement for Training. So we can provide training at site only.	Training to be provided at engine , alternator and DG Set controller manufacturer's works. Bidder's engineer shall also educate the end customer regarding day to day operation , checks ,basic trouble shooting at site during commissioning and PG test of DG Sets.
REPLY TO COMMERCIAL QUERIES						
1	GENERAL CONDITIONS OF CONTRACT (GCC) Revision No. 04	43 of 135	38.0 E&C CLAUSES APPLICABLE FOR TURNKEY PACKAGES	38.3 All material handling equipments like crane, fork lifter, tripods etc. are included in the scope of the bidder.	Arrangement for crane shall be in purchaser scope, since installation is not in our scope	Bidder's understanding is correct.
2	Special Conditions of Contract (SCC)	3 of 21	14. Latent Defects Liability Period	5 Years from the end of Defect Liability period.	Not applicable	Tender shall be followed.