

Pre-bid Clarifications No.: 2 Dated 16.12.2021 to Pre-bid queries on stipulations of Bid Document against NIB No. 406 Dated 18-11-2021.

Name of work: "Construction of Plunge Pool and Extension of Apron at d/s of Bichom Dam under Kameng H.E. Plant, Arunachal Pradesh"

(This Pre-bid Clarifications shall form part of the Bid Document and shall supersede the corresponding stipulations of the Bid Document, wherever these are at variance.)

Sl. No.	Clause No. as per Bid Document	Specified in the Bid Document	Pre-Bid queries raised by bidders	NEEPCO's Clarification
1.	Cl. 2.6.1 (v) & (vi), Section 2, Part 5(B) of Bid Document	(v) Excavation by drilling & blasting in the trenches shall be done by resorting to control blasting with the following provisions which may be further reviewed depending on the observation of outcome and impact. Using explosive with powder factor of 0.6 to 0.7 kg/m³ (vi) In open excavation and slope surface trimming 32mm to 48mm dia. blast holes with a powder factor of 0.4 to 0.45 kg/m³ may have to be used which is subject to further review depending on the observation of outcome and impact.	In Part 5(B) Technical Specification, Section 2, Surface Excavation and backfilling, Clause No. 2.6.1 Rock excavation by blasting, point no. V & VI. Where in it is stated that "Powder factor of 0.6 - 0.7 kg/Cum and 0.4 - 0.45 kg/Cum" Generally, powder factor units should be cubic metre per kg of explosives used and specific charge or charge factor should be of kg per one cubic metre of rock blasting. Kindly clarify.	Excavation in trenches shall be done by specially designed controlled blasting using explosives with powder factor of 0.6 to 0.7 kg / cubic metre or 1/0.6 to 1/0.7 cubic metre per kg However, excavation in open and slope surfaces other than trenches shall be done by ordinary blasting with powder factor of 0.4 to 0.45 kg / cubic metre or 1/0.4 to 1/0.45 cubic metre per kg.
2.			Recovery of the explosives should be done at actual quantity consumed in the project and not as per tender document (0.6 - 0.7 kg / Cum).	May be agreed.

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