

**Clarifications No. 03 Dated 07.05.2014 to Bid Queries**

**NIB No. 93 Dated 11.04.2014**

**Name of work:** Design, Fabrication, Supply, Erection and Commissioning of Spillway Gates operated by Rope Drum Hoist, Hoist Bridge including associated Civil works required for erection of the gates in Khandong Dam of Kopili Hydro Electric Project (275 MW), Umrongso, Assam.

<b>Sl. No.</b>	<b>Reference of Bid Stipulation</b>	<b>Queries by the Bidders</b>	<b>Clarifications by NEEPCO</b>
1.	<b>Clause 1, Part-B (H-M Works) of Volume-3 Part-II:</b>	<b>General Description (Page 6.2, Clause 1):</b>  It is not clear from the general description unless the detailed drawing of existing grooves are available. We therefore, request you to provide the same.	Copies of Available Drawings shall be handed over to the Successful Bidder after finalization of the Contract.
2.	<b>Clause 1(iii) of Part-B (H-M Works), Vol-3, Part-II:</b>	<b>Computing System linked with water level measuring equipment, (Page 6-2, Clause-1(iii):</b>  Automatic indication device for water level will be provided by us, but in order to avoid unwanted risk during operation of gates and hoists, manual operation are also required to be incorporated. Kindly confirm whether both the systems are required.	The gate shall normally be capable of operation by alternative means in case of power supply failure. In this regard Clause No. 3.1.3, 3.5.4(d)(i) & 3.5.4.4 of the Particular Technical Specifications for Part-B (Hydro-Mechanical Works), Vol-3, Part-II shall be referred.
3.	<b>Clause 3.3.1 Part-B (H-M Works) of Volume-3 Part-II:</b>	<b>Material for gates &amp; components (Page 6-6 Clause 3.3.1):</b>  Structural part of the gates i.e. gate leaf, guarder, stiffeners shall be as per Indian standard codes and would be of IS 2062. However, Epoxy painting shall be provided for corrosion resistance as per IS Code. Please confirm whether this is in order.	NIB stipulations shall prevail.
4.	<b>Clause 3.5.1.5 Part-B (H-M Works) of Volume-3 Part-II:</b>	<b>Water Tightness (Page 6-11 Clause 3.5.1.5):</b>  Water Tightness as offered by us would be as per Indian Standard code: (IS 4622). Kindly confirm whether this is in order.	NIB stipulations shall prevail.
5.	<b>Clause 3.5.4.7 Part-B (H-M Works) of Volume-3 Part-II:</b>	<b>Lubrication of components:</b> As per tender specification, no high pressure grease system is to be provided for lubrication of the components and the components will have to be greased manually. Kindly confirm whether you require the same for better performance.	Clause No. 3.5.4.7 of the Technical Specification for Part-B (Hydro-Mechanical Works) may be referred.

6.	-	<p><b>Inspection of Gear Teeth:</b> During inspection of gear box the gear teeth contact cannot be checked, once assembled. Since these are enclosed in gear box. However noise and vibration for the same would be checked.</p>	<p>NIB stipulations under Clause 3.9(C), Part-B(H-M Works) of Vol-3, Part-II: Particular Technical Specifications shall prevail. The manufacturer shall arrange for inspection in the appropriate stage of fabrication/ assembling.</p>
7.	<p><b>Electrical Power &amp; Water Supply:</b></p>	<p><b>Electrical Power &amp; Water Supply:</b> We would like to know whether electrical power and water supply, material handling equipments like cranes and the requisite land for carrying out the entire job, would be available free of cost.</p>	<p>i) For Water Supply and Power Supply, NIB stipulations under Clause No. 13 and Clause 50, Vol-I, Part-III, Conditions of Contract of the Detailed Bid Document shall prevail. ii) All equipments required for execution of the work shall be arranged by the contractor at its own cost. iii) Land required for execution of the work shall be provided within the project area free of cost. NIB stipulations under Clause No. 9, Vol-I, Part-III of General Conditions of Contract shall prevail.</p>