

Pre Bid Technical Clarification No.3 against NIB No.377 dated 26.11.2020

Sl.No	Bid Stipulation	Bidder's Query	NEEPCO Reply
1.	<p>Section-IV, Vol-2, Part-II –01 Turbine Components- PTS Clause no. 1.1.9:- Ultrasonic flow Measurement system: Page no. 286 of 639.</p>	<p>For Penstock Rupture Detection system, only implementation of logic with the SCADA system is in bidder scope. Instrument for Penstock Rupture is not in our scope. – To clarify.</p>	<p>The flowmeters at upstream side of penstock (the BFV house) will be supplied by BFV vendor.</p> <p>Under the scope of present contract, supply of flowmeters at downstream of penstock (near MIV) and development & implementation of Penstock rupture detection logic in SCADA, will be there.</p>
2.	<p>1.3.3 /Vol-2, Section-IV, Part-II – 05/ Page - 446 /639 Ref: Computers and peripherals The signal transmission shall be via redundant fibre optic cables</p>	<p>Normally computers and peripherals are connected to nearest network switch using UTP Cables. - To confirm acceptance.</p>	<p>Agreed.</p> <p>However, redundancy of signal transmission must be ensured.</p>
3.	<p>1.3.5 /Vol-2, Section-IV, Part-II – 05/ Page - 447 /639 Ref: Programmable controllers for LCBs and UCBs: All power supply cards, I/O module connections and other external interfaces shall be provided with suitable DIN rail mountable, pluggable, testable surge protection device in accordance with IEC 61643 test standards.....</p>	<p>Present day control systems (DCS/SCADA) has in-built surge protection feature for input modules, power supplies etc. They do not require pluggable type separate surge arrestor. – To confirm that in-built surge protection is acceptable.</p>	<p>In-built surge protection is acceptable provided they fulfil all requirement of IEC 61643.</p>
4.	<p>11.1 to 11.4 of Section –IV-Vol -3, Part II-01 – TDS Technical datasheets Guaranteed Characteristics of Turbine</p>	<p>Performance Data of Turbine</p>	<p>Data are not mandatory.</p>
5.	<p>Section-IV / Vol-2 / Part-II -05 /Cl. 1.1.4 (d)</p>	<p>All allied civil works if any required for route survey, excavation of trenches and pits, trenchless digging,</p>	<p>Excluded from scope of this tender.</p>

Pre Bid Technical Clarification No.3 against NIB No.377 dated 26.11.2020

Sl.No	Bid Stipulation	Bidder's Query	NEEPCO Reply
	Optical Fiber cable laying	laying of pipes, back filling, installation of underground cable, construction of manholes as per site requirement. – To confirm scope requirement.	
6.	Section-IV / Vol-2 /Part-II-00 / GTR-PTS / Cl. 1.7.2, 1.7.2 Installation (by erection package contractor) Civil works.	All Civil work complete in all respect for this Electro Mechanical Package are excluded from Contractor's scope.- To confirm	Confirmed. Rotor building, friction coupling etc. shall be carried out with the help of erection contractor, but specialized manpower and special T&P, heat treatment arrangement, stools, etc. shall be in your scope
7.	Section-IV / Vol-2 /Part-II-00 / GTR-PTS / Cl. 9.10 Training	Total man-months for the training module shall be 21. – To confirm	Total man-months for training module shall be 21, which shall comprise of training in design-engineering, erection-commissioning & operation – maintenance of Protection system, governing system, Excitation system, SCADA, testing & commissioning and operation & maintenance. Detail program for training shall be finalized at the time of award.