

	PRE - QUALIFYING REQUIREMENTS	DOCUMENT NO: PE-TS-412-615-C002
		REVISION NO: 0 DATE: 04-03-2017
		SHEET: 1 of 1
ENQUIRY NO: E-5495/2016, dated 04/03/2017		
PROJECT: 2X660 MW ENNORE SEZ TPP UNIT 1 & 2		
PACKAGE: VIBRATION ISOLATION SYSTEM (VIS) FOR MILL FOUNDATION		
CRITERIA FOR EVALUATION (TECHNICAL / FINANCIAL): a. Vendor should have supplied and commissioned VIS for MILL foundation or similar machine foundation in power plants (minimum 200 MW rating) or equivalent large sized industrial plants and furnish experience list of at least two recently executed contracts where such systems have been successfully installed for such applications. 2 (two) nos. purchase orders shall be submitted which should not be more than 10 (ten) years old as on date of bid submission for establishing continuity in business. The vibration isolation system shall be of proven make and should be in successful operation for such foundation for at least one year. b. The vendor should have at least two year design experience in design of VIS module, selection and finalization of Layout of VIS as well as design of RCC deck slab resting on VIS and supporting the machine and be able to furnish static and dynamic analysis of the same. Calculation should establish that not more than 10% dynamic loads are transferred to the structure supporting the VIS and that the foundation system meets the amplitude and frequency requirement as required by the machine manufacturer. The isolation system and R.C.C. deck slab shall be able to withstand seismic loading in addition to other loadings i.e. dead, live, wind, dynamic etc. Seismic design shall conform to IS: 1893 (Criteria for Earthquake Resistant Design of Structures) or equivalent international standard. The vendor should furnish supporting documents for the same. c. Performance certificate (along with copy of relevant purchase order) from the end user/customer for at least two (different Customers) successfully executed contracts which are in successful operation for at least one year for the applying package shall be furnished. OR The supplier has been awarded Repeat Purchase order from same customer (placed with minimum gap of 1 (one) year after commissioning of machine supported on VIS of previous contract). Repeat purchase orders shall be furnished from two different customers. In case supplier is not OEM, offer shall be evaluated as per point 1. of Notes to PQR available at http://bhelpem.com/vensection/PMD/PMD.aspx		
PREPARED BY: <i>Pankaj Kumar</i> NAME: Pankaj Kumar DESIGNATION : Sr. Engineer DEPT.: Civil	REVIEWED BY: <i>Sushil</i> 6/3/17 NAME: Sushil Kr. Mahato DESIGNATION : Manager DEPT.: Civil	APPROVED BY: <i>Tarun Kr. Mehta</i> 06/03/17 NAME: Tarun Kr. Mehta DESIGNATION : Sr.DGM DEPT.: Civil