

PROJECT ENGINEERING MANAGEMENT
(CIVIL ENGINEERING DEPARTMENT)
CALCULATION SUMMARY SHEET



PROJECT TITLE : PREQUALIFYING REQUIREMENTS FOR VENDOR
REGISTRATION FOR VIS

JOB NO 999 DOCUMENT NO PE-TS-999-600-C025
BUILDING/SYSTEM VIBRATION ISOLATION SYSTEM

SUBJECT PREQUALIFYING REQUIREMENTS FOR VENDOR REGISTRATION FOR
VIS FOR TURBOGENERATORS/FANS(ID/PA/FD)/TDBFP/MDBFP/MILLS etc.

REV NO	PARTICULARS	PREPRD BY	CHKD BY	APPD BY	REMARKS
0	NAME	SKM	HM	KD/Ans	
	SIGN	<i>Sushil</i>	<i>Kalluhs</i>	<i>Ans</i>	
	DATE	05-07-2010	05-07-2010	05-07-2010	
1	NAME				
	SIGN				
	DATE				
2	NAME				
	SIGN				
	DATE				



TITLE: **PREQUALIFYING REQUIREMENTS FOR
VENDOR REGISTRATION FOR VIS**

SPECIFICATION NO PE-TS-600-C025

REV.NO. 0

DATE 05/07/2010

SHEET 1 OF 2

**PREQUALIFYING REQUIREMENT FOR VENDOR REGISTRATION
FOR
VIBRATION ISOLATION SYSTEM (VIS)
FOR
STEAM TURBO GENERATOR/FANS (ID /PA/ FD)/TDBFP & MDBFP/MILLS**

SPECIFICATION NO. PE-TS-999-600-C025



**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI,INDIA**



TITLE: **PREQUALIFYING REQUIREMENTS FOR
VENDOR REGISTRATION FOR VIS**

SPECIFICATION NO PE-TS-600-C025

REV.NO. 0

DATE 05/07/2010

SHEET 2 OF 2

**PREQUALIFYING REQUIREMENTS FOR VENDOR REGISTRATION
FOR VIBRATION ISOLATION SYSTEM(VIS)
FOR STEAM TURBO GENERATOR/FANS (ID /PA/ FD)/TDBFP & MDBFP/MILLS**

- a. Vendor should have **supplied and commissioned VIS** for power plants or equivalent large sized industrial plants and furnish experience list of at least ten recently executed contracts where such systems have been successfully installed for such applications. The vibration isolation system shall be of proven make and should be in successful operation for Turbo-generator,/Boiler Feed Pumps/ Fans (ID,FD and PA),/Mills, or similar machines for at least two years.
- b. Vendor should have at least two years **design experience** of machine foundation's and be able to furnish static and dynamic analysis of the RCC deck slab resting on VIS and supporting the machine. Calculation should establish that no 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 of Earthquake Resistant Design of Structures.
- c. **Performance certificate** from the end user/customer for at least two successfully executed contracts shall be furnished.