

NTPC LTD

CC-OS

EOC NOIDA

Sub: Qualifying Requirement for Vendor Enlistment for supply of FRP Fan Blade Set for Cooling Tower

A)	MEG DETAILS		
	1.0	MEG NO.	57MEC-02
	2.0	MEG DESCRIPTION	FRP Fan Blade Set for Cooling Tower
	3.0	RESPONSIBILITY CENTRE	ER-II
B)	Technical Criteria of QR: 1. The applicant must be a manufacturer of FRP Hollow Blades for Cooling Tower Axial Flow Fans. 2. The applicant must have supplied at least 36 Blades in one single order of minimum diameter of Twenty Four Feet (24) to Power Plant (s) during last five (5) years reckoned as on date of submission of application.		
C)	Other Documents to be submitted: In addition to the documents required in support of meeting technical requirements as stated above, following documents are required to be submitted by the Applicants applying for enlistment:- 1. Three POs of the highest executed values of similar work during previous five years from the date of application. Copy of Invoice / Completion certificate from the concerned buyer/s in support of successful execution of supply against the POs to be submitted. 2. Audited balance sheet including Profit & Loss statement for the previous three completed financial years reckoned from the date of application. In case the audited documents are not ready / available, then certified copy by a registered practicing Chartered accountant may be submitted. 3. Latest annual report OR NSIC / SSI / MSME registration certificate / BIS license / ISO certificate / Certificate of registration from the concerned excise department / any other statutory document as a proof of being manufacturer of the required material. 4. Any other documents in addition to the above which the applicant wants to submit.		
D)	NOTE-1	Similar works means: Supply of FRP Hollow Blades of minimum diameter of 24 Feet to Power Plants.	
	NOTE-2	The executed value means Basic value of quantity of similar works executed/supplied against the reference PO(also applicable to partly executed POs as on date of application).Where PO value is composite(i.e. including Taxes etc.),the applicant to give item-wise break-up of Composite PO value mentioning Basic Value, Taxes etc.	

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Sub: Technical Specifications for Vendor Enlistment for supply of FRP Fan Blade Set for Cooling Tower

A)	MEG DETAILS		
	1.0	MEG NO.	57MEC-02
	2.0	MEG DESCRIPTION	FRP Fan Blade Set for Cooling Tower
	3.0	RESPONSIBILITY CENTRE	ER-II
B)	Technical Specifications: 1. Manufacturing & supply of Hollow FRP Fan Blades for Axial Flow Fans of Cooling Tower. 2. The blades may be manufactured by Epoxy Resin & painted with UV Stabilized Paint. 3. Edge protection cover / internal strengthening are to be done so that leading or trailing edges do not get opened during running. 4. In case of replacement of CT Fan Blades by FRP Hollow Fan Blades in old stations having Fan Blades of material other than FRP, the vendor may be asked to supply Matching Hub, Seal Disc, U-Clamps, Fasteners etc. along with Blades. NOTE: The followings should be part of QP: i) Static Balancing of blades is to be done before dispatch. ii) A scale down model test of fan shall be carried out at supplier works or third party lab acceptable for testing to NTPC COA to establish the rated parameters, efficiency, and power consumption of the fan. Scale of model shall be min. 1:10. The test should be carried out prior to start of manufacturing of the fan and shall be conforming to report of ANSI / AMCA A210 of equivalent code.		