



R 49 -079

Quality Department**Contract Quality Requirement (CQR)****Ref.No: CQR: FGD: R4M8, R4M9****Rev: 00****DT: 19.01.2018****PRODUCT: FGD**

1	Work Order No.:	R4M8 - XXX - 1- XXXXX R4M9 - XXX - 1- XXXXX
2	Customer Name & Project:	2X660 MW MAITREE SUPER THERMAL POWER PROJECT RAMPAL DISTRICT-BAGERHAT,BANGLADESH
3	Consultant	M/S FICHTNER
4	Contract/Commercial Ref. Details:	BAP COMML: R676-R677, R4M8-R4M9 & R4N2, R4N0, DT: 06.05.2017
5	Customer / Consultant Inspection Requirement	Applicable.
	Inspection Agency	M/S BIFCL/ M/S FICHTNER & CQ(As per AA/CQ/SY/08 R-03,Dt.01082017)
	Contact details	Shri. Anurag Kashyap /SEr, CommI, Ph.: 4293,
6	QP / Check List Requirement (Annexure A)	ANNEXURE-A
7	Items for which vendor QP is required	-
8	For NTPC projects only (Refer Note 4)	ANNEXURE-B
	Approved List of Vendors (ANNEXURE- B)	
9	Items under Cat I/II (Where QP approval and vendor approval required by BIFCL)- (ANNEXURE A)	ANNEXURE-A
10	Items under Cat III (Where no QP approval nor vendor approval is required by BIFCL) - (ANNEXURE C)	
11	Painting Requirements (Ref note 6)	As per Customer approved painting schedule.
12	Remarks:	SEAWORTHY PACKING APPLICABLE

Prepared By**(Rakesh kumar Madhu)****Reviewed & Approved By****(R. Arunachalam)****RECORD OF REVISION**

Rev.No	Date	Changes Made
00	19.012018	Original Issue

1. Attach additional annexure with page control wherever required.
2. **XXX = FAN/APH/ESP/GAD & YYYY = Customer No. (First customer number incase of multiple projects)
3. Wherever QP/Check list requirement are mentioned as BHEL standard, SQP/ Engineering specification/drawing (as applicable) shall be followed.
4. For Non-NTPC Projects please Contact Commercial for approved Vendor list.
5. Additional requirements, if any, received at a later date will be informed as soon as the receipt of same.
6. Painting:
 - a) Do not paint on wet steel / in rainy weather.
 - b) Do not paint on rusted steel/steel having withered paint on it.
 - c) Galvanized steel, stainless steel, Aluminum, brass, copper, non-ferrous alloys, plastics, asbestos, steel surfaces going inside concrete shall not be painted unless **otherwise** stated.
 - d) Machined surfaces shall be applied with temporary rust preventive.

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ANNEXURE- A

DESCRIPTION	VQP Ref.	REMARKS
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Note:

CAT-I – Quality plan approval by, where physical inspection by Customer/Customer Consultant is envisaged.

CAT-II – Quality plan/Inspection checklist approval by Customer but no Physical inspection is envisaged.

CAT-III – Only Manufacturer's certificate of compliance (COC) shall be submitted for the issue of MDCC/dispatch clearance by Customer/Customer Consultant where ever applicable.

OTHER ITEMS MAY BE PROCURED AS PER BAP DIRECTORY.

Annexure- B

LIST OF SUB DELIVERY ITEMS

S.NO	ITEM DESCRIPTION	QP CAT	VENDOR CAT	BIFCL APPROVED VENDORS
1	FGD Absorber recirculation pumps	II	I	Dutching Pumpen, Germany-A Andritz, India - A Mesto, India - A Weir Minerals, India - A
2	Oxidation Blower	I	I	ITO Blowers – A Aerzen Machines(India) Pvt Ltd. – India –A General Energy Management system(P) Ltd, India - A
3	FGD Pumps	II	I	BHEL India - A
4	Lime stone mills	II	I	Cemtec, India – A Fismidth, India- A Mesto Mineral Industries, India – A ThyssenKrupp Fordertechnik, Germany – A Christian Pfeiffer Maschinenfabrik GmbH, Austria –A
5	Gypsum dewatering	II	I	Fismidth, India – A Shangai XuHe Environmental Technology Co. Ltd, China – A Tenova Delkor, India - A



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*(DR) - DETAILS REQUIRED

Purchase is requested to take up with the DR category indicated against respective items of Respective vendor and submit the details as per the FITCHNER format for further action at our end.

Annexure-C Items under Cat III

Where neither QP approval nor vendor approval is required by Customer/Customer consultant (For both Bought out & Manufacturing items) - Available on line.