

MONGLA CEMENT FACTORY

MONGLA, BAGERHAT

(A Project of Sena Kalyan Sangstha)

PABX: 880-02-478846029

Fax: 880-02-55058401

E-mail: monglacementfactory@gmail.com

TENDER NOTICE: TIME EXTENSION FOR SUPPLY OF MAIN REDUCER GEARBOX WITH COOLING SYSTEM.

Tech-Commercial offer is invited from Bonafide Manufacturer/Supplier/Indenter for the supply of one set Main Reducer Gearbox along with a cooling system from any reputed manufacturer of any origin/country to Mongla Cement Factory, Mongla, Bagerhat, Bangladesh. Interested Tenderers are to be dropped in the tender box kept in the office of Business Division-1, at the above address on **24/06/2024 by 11:30 AM BST instead of 15/05/2024 by 11:30 hours BST** and will be opened on the same day at **12:00 hour BST** in the presence of Tenderers (if there are any). Sena Kalyan Sangstha reserves the right to accept or reject any or all tenders without assigning any reason whatsoever. Thank you for your continued attention and participation.

DDG (Sales)

For DG (BD-1)

Business Division-1

Sena Kalyan Sangstha

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PART-5

**DETAILS SPECIFICATION OF MAIN REDUCER GEAR BOX
FOR MILL-1**

Scope of works: Supply of 01x brand new Main reducer Gearbox along with necessary accessories from latest production line to MCF

A. Technical Specification:

S L	Specification/Nomenclature	MCF Requirement	Supplier's Offer	Remarks
1	Model	H2C710 or its equivalent		
2	Country of origin	Any origin of any reputed brand		
3	Country of Manufacturer	To be mentioned		
4	Main Motor power	2400 kW		
5	Main Motor speed	970 rpm		
6	Gear output	93.765 rpm		
7	Size of High speed side shaft	Dia: 180 mm, H7		
8	Size Of Low speed side shaft	Dia: 300 mm, P6		
9	Size of auxiliary motor side shaft	Dia: 150 mm, N6		
10	Cooling System	Cooling system is to be provided including pump, heat exchanger air cooler, oil level indicator, and other monitoring devices like flow meter, oil level indicator, and temperature sensor.		
11	Safety and control features	<ul style="list-style-type: none"> • Gearbox should be furnished with vibration and bearing temperature sensors. • Gearbox associated cooling unit is to be monitored from a separate PLC system. And to be operated from mill control Room. 		
12	High speed coupling (between main motor gear input shaft)	To be designed supplied as per diameter main motor shaft		
13	Low speed coupling (between gear input shaft end line shaft)	To be designed supplied as per diameter line shaft		
14	Coupling between auxiliary motor shaft and gear output shaft (Clutch coupling)	To be designed and supplied as per diameter of auxiliary motor shaft		
15	Erection and commissioning	Erection and commissioning is to be done by supplier which includes aligning of gearbox with respect to Girth Gear and Main Motor.		
16	Operation and maintenance manual	02 set of operation and maintenance manual along with drawing, parts catalogue, parts ID no etc is to be provided both in hard and soft version.		