

PART-1

MONGLA CEMENT FACTORY **MONGLA, BAGERHAT**

(A Project of Sena Kalyan Sangstha)

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TENDER NOTICE FOR SUPPLY OF AIR COMPRESSOR, VACCUM CIRCUIT BREAKER AND MUFFLE FURNACE WITH ALL ACCESSORIES, MONGLA CEMENT FACTORY

Tech-Commercial offer is invited from Bonafide Manufacturer/Supplier/Indenter for the supply of Air Compressor, Vaccum Circuit Breaker and Muffle Furnace with all accessories, Mongla Cement Factory 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 **12/11/2024 by 11:30 AM BST** and will be opened on the same day at **12:00 hour BST** in the presence of Tenderers (if there are any). The item-wise tender schedule will be available in the **Business Division-1**, Sena Kalyan Sangstha, SKS TOWER (5th Floor), 7 VIP Road, Mohakhali, DHAKA-1206, upon submission of an application on letterhead pad and payment of Tk 1000/- (Non-refundable) during office hours. No tender schedule will be sold on the tender opening day. 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.

Deputy Director General
Business Division-1
Sena Kalyan Sangstha

PART-5

TECHNICAL SPECIFICATION AS FOLLOWS:

Summary Sheet

Sl	Name of Item	Qty	Brand	Model	Country of Origin	Country of Manufacture & port of Shipment	Technical Specifications (to be submitted as follows by the bidder)	Time for manufacture and shipment upto port of Bangladesh (in days (ETA at Project separately)	Remarks
1	Air Compressor	02	To be mentioned	To be mentioned	Any reputed brand of any origin	To be mentioned	Annex-1	-	
2	Vaccum Circuit Breaker	02	ABB, VD4 or it's equivalent	To be mentioned	Any reputed brand of any origin	To be mentioned	Annex-2	-	
3	Muffle Furnace with all Accessories	01	Nabertherm/Carbolite/Thermo Fisher	L12/13(Nabertherm)/CWF 13-230SN (Carbolite)/F 30428C (Thermo Fisher)	Europe/USA	To be mentioned	Annex-3	-	

Note: Bidders are requested to complete all information in Part-5; otherwise, their offer will be rejected. A bidder may submit an offer for one, multiple, or all items.

PART-5

**TECHNICAL SPECIFICATION OF ROTARY SCREW TYPE AIR COOLED
AIR COMPRESSOR**

Scope of works: Supply, installation, testing and commissioning of Rotary Screw Type Air Cooled Air Compressor along with associated equipment at Mongla Cement Factory, Mongla, Bagerhat, Bangladesh.

Quantity to be supplied: 02 (Two) Nos along with Air dryer (02 set).

1. TECHNICAL SPECIFICATION OF AIR COMPRESSOR

SL	Specification		Supplier's offer	Remarks
01.	Model	To be mentioned		
02.	Type	Oil Injected Rotary Screw type		
03.	Country of origin	Any reputed brand of any origin		
04.	Country of Manufacture	To be mentioned		
05.	Power Supply	380V - 400V,50HZ, 3 phase		
06.	Cooling system	Air cooled		
07.	Maximum Pressure	10 Bar		
08.	Minimum Pressure	07 Bar		
09.	Capacity/Air Flow rate	01No x 14.46 m³/min and 01 x 11.28 m³/min at 10 Bar		
10.	Motor power	To be mentioned (As per requirement)		
11.	Air dryer	As per the Air flow rate of compressor.		02 Nos
12.	Spares	Following are to be supplied as a spare: 05×Oil filter 05× Air filter 04×Oil separator 02× filter before Air dryer 02× filter after Air dryer 01× HMI unit for the Compressor 14.46 m ³ /min capacity		
13.	Guarantee/Warranty	12 months from the date of successful test run and commissioning		
14.	Operating manual	Supplier must provide 01 x Operating manual/catalogue with the offer to study and understand all the working facilities of offered compressor in both printed and soft version.		
15.	Maintenance Manuals and parts catalogue	01 (one) set of maintenance manual and parts catalogue to be provided with compressor in both printed and soft version.		
16.	Power connection	To be done by client under the direct supervision of supplier during installation. Size of Cable, Circuit breaker and Magnetic contactor is to be provided by Supplier.		
17.	Connection with existing air line	To be done by client under the direct supervision of supplier during installation.		
18.	After Sales service	Supplier should provide after sales service for 10 years whenever any request from Client.		
	Port of shipping	To be mentioned		
	Delivery time at Ctg. Port, BD	To be mentioned by supplier		
	Performance Guarantee	10% as a PG of CFR price.		
	Inspection & Test	Third Party (SGS, Bureau Veritas, as applicable etc.)		
	Mode of payment	70% payment will be made after Air Compressor, Vacuum Circuit Breaker at Mongla/Chittagong Port. 30% payment will be made after it reaches at Mongla Cement Factory. or Deferred L/C 90 days. or Deferred L/C 120 days.		
	Latest shipment date	To be mentioned		
	Experience (Similar)	To be mentioned		
	H.S code	To be mentioned		

PART-5
TECHNICAL SPECIFICATION FOR SUPPLY AND ERECTION
OF 02 NOS VACCUUM CIRCUIT BREAKER

SL	Manufacturer details	MCF requirement	Supplier's offer	Remarks
01	Brand and Model	ABB, VD4 or it's equivalent		
02	Type	Draw out		
03	Country of Origin	Any reputed brand of any origin		
04	Country of Manufacture / assembly	To be mentioned		
05	Rated Voltage	12 KV		
06	Rated Current	630 Amp		
07	Insulation Level	28KV / 75 KV(Peak)		
08	Coil supply voltage	110 VDC		
09	Motor supply voltage	230 VAC		
10	Operating Mechanism	Both Manual and Motorized with closing solenoid shunt along with necessary accessories		
11	Mounting status	To be draw able and is to be fixed on a Trolley/tray which can be movable by a wheel along with locking system		
12	Transportation (from supplier premises to MCF site)	To be done by supplier		
13	Unloading from carrying vessel	To be done by supplier		
14	Installation and commissioning	To be done by supplier		
15	Performance Guarantee	Supplier should deposit 10% of quoted price for 360 days as a PG with effect from the date of successful commissioning		
16	Warranty	To be mentioned by supplier; not less than one year from the date of successful commissioning		
	Port of shipping	To be mentioned		
	Delivery time at Ctg. Port, BD	To be mentioned by supplier		
	Inspection & Test	Third Party (SGS, Bureau Veritas, as applicable etc.)		
	Mode of payment	70% payment will be made after Vaccum Circuit Breaker at Mongla/Chittagong Port. 30% payment will be made after it reaches at Mongla Cement Factory. or Deferred L/C 90 days. or Deferred L/C 120 days.		
	Latest shipment date	To be mentioned		
	Experience (Similar)	To be mentioned		
	H.S code	To be mentioned		

PART-5
TECHNICAL SPECIFICATION FOR SUPPLY
OF 01 NOS MUFFLE FURNACE WITH ALL ACCESSORIES

SL	Manufacturer details	MCF requirement	Supplier's offer	Remarks
01	Item Name	Muffle Furnace with all Accessories		
02	Brand	Nabertherm/Carbolite/Thermo Fisher		
03	Model	L12/13(Nabertherm)/CWF13-230SN (Carbolite)/F30428C (Thermo Fisher)		
04	Temperature	1200/1300°C		
05	Chamber Volume (Inner)	12/14 Liters		
06	Origin	Europe/USA		
07	Country of Manufacture	To be mentioned		
08	Transportation (from supplier premises to MCF site)	To be done by supplier		
09	Unloading from carrying vessel	To be done by supplier		
10	Installation and commissioning	To be done by supplier		
11	Performance Guarantee	Supplier should deposit 10% of quoted price for 360 days as a PG with effect from the date of successful commissioning		
12	Warranty	To be mentioned by supplier; not less than one year from the date of successful commissioning		
13	Port of shipping	To be mentioned		
14	Delivery time at Ctg. Port, BD	To be mentioned by supplier		
15	Inspection & Test	Third Party (SGS, Bureau Veritas, as applicable etc.)		
16	Mode of payment	70% payment will be made after Vaccum Circuit Breaker at Mongla/Chittagong Port. 30% payment will be made after it reaches at Mongla Cement Factory. or Deferred L/C 90 days. or Deferred L/C 120 days.		
17	Inspection & Test	Third Party (SGS, Bureau Veritas, as applicable etc.)		
18	Latest shipment date	To be mentioned		
19	Experience (Similar)	To be mentioned		
20	H.S code	To be mentioned		