

Mongla Cement Factory

(A Project of Sena Kalyan Sangstha)
Cell: 01769 056 316, PABX: 880-02-55058408
(Sun-Thu, 9am-4pm)

**TENDER NOTICE FOR SUPPLY OF RAW MATERIALS AND PP BAG
FOR CEMENT PRODUCTION**

1. Mongla Cement Factory (MCF) is interested to procure/import the following item for production of Cement:

a) Descriptions :

Item	Qnt	ETA/ Supply Schedule	Tender Schedule BD T	Offer Submission
Clinker	25,000 MT	3 rd Week of May 2026	5,000.00	By Tuesday 05 May 2026 1100 hr
Gypsum	5,000 MT	3 rd Week of May 2026	2,000.00	
Slag	10,000 MT	3 rd Week of June 2026		
Limestone	10,000 MT	Last Week of June 2026		
Fly Ash	6,000 MT	May - June 2026		
2 ply PP Bag	4,00,000 pcs	May - June 2026		

b) Performance Guarantee (PG) : 2.5 % of Contract Value, submission before LC opening (For raw materials only).

c) LC type: Sight LC (UPAS), LC payment will be released after testing of goods in Mongla Cement Factory Lab.

d) Bangladeshi agent has to submit authorization letter of Exporter with the offer.

2. Itemwise offers are to be dropped in the tender box kept in the office of Business Division-1, at the above address and will be opened on 05 May 2026 at 11.05 hour BST in the presence of Bidders (if there are any). Sena Kalyan Sangstha reserves the right to accept or reject any or all tenders without assigning any reason whatsoever.

DATE: 27 April 2026

Director General
Business Division -1

SPECIFICATION OF LIMESTONE

Sl. No	Parameters/Composition	Percentage
01.	Moisture	2% Max
02.	Size	25 mm Max
03.	Calcium Oxide (CaO)	47.6% Min
04.	Silicon di Oxide (SiO ₂) & Insoluble Residue (IR)	4% Max
05.	Purity of Limestone (CaCO ₃)	85% Min



SPECIFICATION OF NATURAL GYPSUM

Sl. No	Parameters/Composition	Percentage
01.	Moisture	2% Max
02.	Size	50 mm Max
03.	Silicon di Oxide (SiO ₂) & insoluble matter	2% Max
04.	Sulphuric Anhydride (SO ₃)	42% Min
05.	Calcium Oxide (CaO)	30.6% Min
06.	Magnesium Oxide (MgO)	0.5% Max
07.	P ₂ O ₅	0.5% Max
08.	Chloride	0.5% Max
09.	Purity of Gypsum (as CaSO ₄)	90% Min



SPECIFICATION OF GRANULATED BLAST FURNACE SLAG

Sl. No	Parameters/Composition	Percentage
01.	Moisture	10% Max
02.	Calcium Oxide (CaO)	30-45%
03.	Silicon di Oxide (SiO ₂)	30-35%
04.	Aluminum Oxide (Al ₂ O ₃)	12- 20%
05.	Ferric Oxide (Fe ₂ O ₃)	1% Max
06.	Magnesium Oxide (MgO)	5-9%
07.	Sulphuric Anhydride (SO ₃)	1% Max
08.	Insoluble Residue (IR)	0.50% Max
09.	Loss on Ignition	1% Max
10.	Glass Content	95% Min



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Fly Ash	6,000 MT	May - June 2026		
2 ply PP Bag	4,00,000 pcs	May - June 2026		

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c) LC type: Sight LC (UPAS), LC payment will be released after testing of goods in Mongla Cement Factory Lab.

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DATE: 27 April 2026

Director General
Business Division -1
Sena Kalyan Sangstha

SPECIFICATION OF PP CEMENT BAG (2PIY)

A.	Name	:	PP Woven Fabric 2 Ply Cement Bag.
B.	Ply	:	2 Ply (Inner Ply Kraft Paper 80 GSM Min outer Ply PP Woven Laminated)
C.	Size	:	780 mm x 430 mm x 80 mm (Stitch to Stitch 730 mm minimum) Outer Layer is Polypropylene minimum 950 Denier, Mesh 8 x 8 per square inches.
D.	Valve	:	10 x 14 Cm
E.	Perforation	:	1200 - 1600 / Sack.
F.	Top & Bottom	:	Sewing with Kraft tape with cotton yarn.
G.	Surface Color	:	Golden Yellow
H.	Printing	:	2 Color both side printed & BSTI Logo Black.
J.	Weight	:	150gm \pm 5gm.
K.	Tensile Strength (Joint)	:	50 Kg (Min)
L.	Kraft Paper	:	80 GSM



SPECIFICATION OF CLINKER

Sl. No	Parameters/Composition	Percentage
<u>Physical Parameters</u>		
01.	Moisture	0.50% Max
02.	Size	00 - 01 MM
		01 - 05 MM
		05 - 30 MM
		30 - 90 MM
03.	Bulk density (Litre Weight)	1.2-1.4 Kg/L
<u>Chemical Parameters</u>		
01.	Calcium Oxide (CaO)	64-67%
02.	Silicon di Oxide (SiO ₂)	20-22%
03.	Aluminum Oxide (Al ₂ O ₃)	4.5- 6.5%
04.	Ferric Oxide (Fe ₂ O ₃)	3-4%
05.	Magnesium Oxide (MgO)	3% Max
06.	Sulphuric Anhydride (SO ₃)	1% Max
07.	Sodium Oxide (Na ₂ O)	0.5% Max
08.	Potassium Oxide (K ₂ O)	0.5% Max
09.	Free Lime (F.CaO)	1% Max
10.	Loss of Ignition (LOI)	0.5% Max
11.	Insoluble Residue (IR)	0.5% Max
12.	Tri Calcium Silicate (C ₃ S)	58% -62%
13.	Di Calcium Silicate (C ₂ S)	12-18%
14.	Tri Calcium Aluminate (C ₃ A)	7-12%
15.	Tetra Calcium Aluminio Ferrite (C ₄ AF)	7-12%
16.	Lime Saturation Factor (LSF)	0.92-0.98



SPECIFICATION OF FLY ASH

Sl. No	Parameters/Composition	Percentage
01.	Moisture	2% Max
02.	Fineness	Blaine 2000 cm ² /gm 45 micron residue 35% Max
03.	Calcium Oxide (CaO)	2% Max
04.	Silicon di Oxide (SiO ₂)	52-60%
05.	Aluminum Oxide (Al ₂ O ₃)	24- 30%
06.	Ferric Oxide (Fe ₂ O ₃)	6% Max
07.	Magnesium Oxide (MgO)	1% Max
08.	Sulphuric Anhydride (SO ₃)	1% Max
09.	Sulphide Sulpher	0.5% Max
10.	Sodium Oxide (Na ₂ O)	0.5% Max
11.	Potassium Oxide (K ₂ O)	0.5% Max
12.	Loss of Ignition (LOI)	4% Max

