

Cement Factory
Unused Cement factory for 4.000 T/Day-Dry Process
with Supervision works upon Turnkey Basis

A)) Equipments:

Capacity : 4.000 Clinker T/day.

Consists shortly Packing list of :

1)) A)) Raw Materials Crushing System – Double Rotor Hammer Crusher capacity 1200 T/h –

1)) B)) Additive Crushing Plant Capacity 200 T/h- Roll Crusher WB3-125/125 M

1)) C)) Impact Mill for raw materials milling circuit feed capacity 270 T/h.

2)) A)) Raw Materials Storage and preblending System.

**Stacker for Stockpiling – Bridge Reclaimer – Stockpile 100% Chevron 37.000 t ,
Base width: 37 m , height :14,5 m ,- boom conveyor 1100 T/h , - Discharge Conveyor
400 T/h.**

**B)) Longitudinal Storage portal side Scraper for silica/shale or gypsum-
Capacity : 300 T/h**

C)) Bridge Type reclaimer for Clinker –Capacity :90-450 T/h.

Additive materials - raw materials mix control by XRF-Spectrometer.

**3)) raw mill (Ball mill dia 5,2 m X 13 m) Capacity 270 t/h , comiflex drive 4000
KW.**

**4)) KILN 4000 T/day(available burner for Coal) - , KILN Dimensions 4,65 m Dia X 56
m length (High efficiency Burning Kiln)
Complete with accessories.**

**4 A)) Coal Mill Tirax mill 3,4 x 5 m -Feed rate: 25 t/h- Feed size : 5 % +25 mm
Moisture : 16 % - Product : 10 % on 90 Micron mesh**

**5)) Fans for mills, preheater Fan ,fans for hammer mills system, Apron feeders, belt
conveyors, electric motors, compressors,...etc.**

6)) Clinker cooler , multicyclone ,dust collector system for cooler exhaust Type 1512.

**7)) Finished Cement Mill – Two Chamber ball mill 5 X 16,5 m Capacity
190 T/h , combiflex drive 2 X3000 KW.**

-2-

8)) Fans for dust collector Type B1600/224 .

**9)) Packing system –will be delivered , Two Packing line,
ROTO-Packer / 8 Spouts – 2 X 2000 bags/h (bag type:50 Kgs / 2-4 Piles).**

10)) The Fire bricks (Kiln,preheater,cooler,cyclones)

12)) Complete ABB Electrical System and/ system and Engines.

13))All belt conveyors and conveying systems ,bucket elevators ,cables,...etc necessary for plant:

A)) Shipment to Destination Port : Main Port.

B)) Engineering all equipments (mechanical , electrical)

C)) Supervision for Engineering works in Quarries

D)) Supervision of Civil works , for Erection Works , for Commissioning , Start-off Tests , operation.

E)) Training of staff.

Price with supervision works: 55. Millions Euro.

+ My commission from the purchase price 0.75%

+Postions on side Seller:

- Equipments delivery and shipment C + F -Destination Sea port**
- Supervision for Engineering , till start-off and test**
- Training of Staff**
- Engineering all equipments (mechanical, electrical)**

Positions Buyer Side :

- Custom duties at destination port .**
- Transport of equipments from port to installation area.**
-
- Civil works (concret works, steel construction) upon drawings of Seller**
- About 25 Millions Euro (upon cost of Buyer) .We can arranged one special**
- erection company from Egypt who can make this if the buyer like.**
- Lighting (through local companies)**
- Power Supply about 30 MW. (about 7-8 Mill.Euro, upon the cost of the buyer**
- for one new plant, by used as request)**
- Water supply(fresh water capacity ca. 1000 m³/h,recycling water:ca. 100M³/h**
- cooling water : ca. 150 m³/h, cooling tower: ca. 70 m³/h**
- local on Buyer cost)**

- Sewage and waste water management (local on Buyer cost)
- Fuel / (Gas)/ or Coal supply ca. 30 t/h coal (local on Buyer cost by operation)
- all lubricants , consumables and process materials (local on Buyer cost by operation)
-
- Transport systems of raw materials inside quarries and from quarries to storage area. (Lorries local on cost of Buyer or local transport Company)
- if Quarries in same place of cement plant site (Belt conveyer System as alternative)
- You need ca. 25-30 workers inside the fabric for the production
- Buildings for Laboratory , workshop , Administration Buildings, Staff housing,garage, need ca. 1000 x 1000 m for the total builing area
- (about 2.5 Mill Euro)
- Fire protection , Fire Alarm and protection System , fire fighting vehicle.
- About max. 1.0 Mill Euro

**Delivery time : equipments delivery within 3-4 month after received the downpayment
Can work producing cement within ca. 15 months , after foundation are finished.**

Payment : downpayment from 2 Mill. Euro with swift transfer , 65 % after presentation the shipping documents and SGS control with confirmed, irrevocable, transferable L/C from prime bank.

10 % after the plant is erected and under production with bank guarantee confirmed.

Notice :

**If the buyer buy the 2 unused Cement Plants, you need only 1 postion –Fire protection--
--Laboratory, Workshop, Administration, Staff Housing, Garage—if the plants are located on the same place.**

**If the 2 plants under construction the buyer need ca. 30 workers include 3 engineers,
2 general manager (chemiker, calculator, laborators,mechanical and electric engineers.)**

Delivery:

3-4 month after received the downpayment and confirmation from the total amount also with bank guarantee or L/C.

Erection :

after contracting, the buyer is under control of our Supervision .

Time shedule :

Delivery time by vessel ca. 2 weeks

Civil works :

can start after signed the contract and the confirmation of the payment.

The buyer can start as quickly as possible the civil work ,concret works and the steel construction under our Supervision.

Time :

about ca. 4-5 month after the arrival the Equipments , the buyer bring to site.

The errection from the 2 plants need ca. 5-7 month.

So the total time is estimated period for start “ off” is about 15 month, and depenting upon the work of the local companies.

Documents and plans:

For all 2 plants are the foundation plans and steel construction plans are available and will be handed to the buyer after contracting and confirmation of payment.

Final comment :

total equipments comes back to the actually location.