

CABLE ADDRESS
COPENHAGEN: FOLANSMITH
LONDON: CHALKINERS

F. L. SMITH & Co. ENGINEERS

PLANS & MACHINERY

FOR

CEMENT WORKS, BRICK WORKS, LIME WORKS, MORTAR WORKS
AND

MINING INDUSTRIES

ENGINEERING WORKS

IN

COPENHAGEN, LÜBECK & NEW YORK

CODES USED:
A. B. C. CODE, AM AND BM CODES
THE ENGINEERING TELEGRAPH CODE
MORSE'S STANDARD TELEGRAPHIC CODE
WESTERN UNION TELEGRAPHIC CODE
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AGREEMENTS, DELAYS OF SHIPPERS AND OTHER CAUSES
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—
SOUTH:
DUSTY, SILEBIA

COPENHAGEN B., 38, VESTERGADE July 25th 1914.

Messrs. The Siam Cement Company Ltd.,

B a n g k o k .

Dear Sirs,

Mr. Schultz has informed us that you intend to adopt pulverized coal as fuel for the kiln instead of oil, and that you therefore wish to install a coal mill. Mr. Schultz adds that you have sent us samples of the coal which you intend to use, and mentions that the coal is anthracite coal of about 7,000 calories and with about 10 per cent. of volatile matters. We beg to remark that we have not yet received the samples but expect their arrival shortly.

We beg to inform you that it is generally preferable to use coal with about 20 per cent. of volatile matters as fuel for the rotary kiln. We have, however, installed several rotary kilns in Belgium where anthracite coal with only 10 per cent. of volatile

matters is used, and these kilns are working satisfactorily. It is, however, difficult, when lighting the kiln to bring the coal afire if it does not contain a sufficient quantity of volatile matters, and we would, therefore, advise you - at all events for the starting of the factory - to mix the anthracite coal with some gas coal, so that the mixture will contain about 18 per cent. of volatile matters. As soon as the kiln is running safely you can change the composition of the mixture of the coal so that you add less and less gas coal. In this way you will find out how far you can cut down the use of gas coal, and you will perhaps arrive at the result that you can run the kiln with anthracite coal alone.

We have the pleasure to send you herewith three drawings No. 106900 -01-02 in which we have shown how a coal mill can be erected, and we further send you our quotation for the necessary working machines for this installation from which you will note that the price is £3600.0.0. delivered fob steamer Copenhagen, suitable packed for oversea transport.

Mr. Schultz informs us that you wish to install a coal mill large enough to provide two 32-metre kilns with the necessary pulverized coal. If the coal which you intend to use is of usual hardness, and it does not contain too much water, the proposed coal mill will be sufficient for two kilns of the same size as the one we

now have delivered.

As it is not possible to pulverize coal unless it is very dry, we have provided a coal drying drum for artificially drying the coal.

It will hardly be possible to have the new coal mill supplied and erected early enough to be able to use coal for the starting of the factory. It will therefore be necessary to start the kiln with oil as fuel, and we think it preferable that the arrangement should be made in such a way that you can run the kiln later on with coal or oil according to wish.

We propose you to place the oil tank and the other apparatus for the fuel oil in accordance with the drawings which we have sent you to-day as in this way the apparatus will not be in the way of the coal mill machinery when this is being installed. With the situation of the oil firing device shown on the drawings of to-day you will require some more pipes than have been delivered. The price of these extra pipes is included in the quotation for the coal mill.

We think that we shall be able to deliver the coal mill machinery tendered for in the course of about 3¹/₂ months from receipt of your order, and beg to add that the above named extra pipes for the oil firing apparatus can be ready within a few weeks.

F. L. SMIDTH & CO., COPENHAGEN. 25/7/1914, Siam.

SHEET No 4.

As we wish to facilitate for you to give us this order, we shall be willing to grant you the same proportional reduction on the prices as took place in the case of the main delivery. In this way the price in our quotation of £3,600.0.0. will be reduced by $£3,600 : £12875 \times 475 = £132.16.0.$, so that the delivery price is $£3,600.0.0. - £132.16.0. = £3,467.4.0.$

Our usual terms of payment are, as you know 35 per cent. at the placing of the order and balance on delivery, we are, however willing to grant you the same terms of payment as are mentioned in our contract of September 3rd, 1913.

We hope to receive your order for the above named machines for a coal mill, and remain,

Yours faithfully,

for F. L. Smidth & Co.

Una Rørve