U.S. REFRACTORIES DIVISION • 515 C G & E BUILDING • ONE NORTH MAIN STREET • MIDDLETOWN, OHIO 45042
513-423-6535

Duplicate
Proposition

**GENERAL REFRACTORIES COMPANY**

Duplicate
Proposition

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May 10, 1974

Mr. M. Mitsoff, Purchasing Agent
Armco Steel Corporation
Raw Materials & Metals Purchasing
P. O. Box 675
Middletown, Ohio 45042

Dear Mike:

Subject: Gunniting Refractories, #3 Blast Furnace
Middletown Works
(Grefco Inq. 6955-b, Our Quotation dated
1/11/74, Amended 4/3/74)

On April 26th a representative from FUNCO and I met with Clyde Danes and John King to discuss status of subject job.

Clyde indicated an interest in placing the clips on 9" centers instead of 12" centers in certain locations. In an effort to determine the extra cost involved, it was requested we submit a revised cost figure for gunning the top 42 feet of the downcomer using clips on 9" centers.

It is estimated an additional 448 clips would be required. The cost of the clips and the labor to install same would amount to approximately $1,093.04.

Based on gunning 26.25 tons of material, the additional cost would be approximately $41.68/Ton.

It is now estimated the total revised cost per ton will be $332.14. This figure was determined as follows:

1) Cost of material -- $139.46/Ton delivered Middletown.

2) Labor Cost -- $151.00/Ton of material through the gun -- not amount installed.

3) Additional cost for placing clips on 9" centers: $41.68/Ton.

PLAINTIFF'S EXHIBIT
ARO-150

BLUE, PURPLE

AKE-002514

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May 10, 1974 2--
Mr. M. Mitsoff
Re: Gunniting Refractories
#3 B/F, Middletown Works

It should be pointed out the above figure could change, as the cost of the material will be based on the price in effect at time of shipment. The labor prices quoted are firm through May 1974.

We trust this is the information required by Mr. Hanes.

Sincerely,

GENERAL REFRACTORIES COMPANY

Wm. W. Worrell
Sales Manager, Middletown

WWW/els

cc: (2)
Mr. E. B. Keller
Expeditor, Engineering Dept.
Armco Steel Corporation
Middletown, Ohio