

ARMCO

Armco Steel Corporation

Cont 382

NOV 13 1968

November 14, 1968

To: F. E. Deitsch, Capital Program Accounting
From: R. L. Luff, Middletown Works Engineering
Subject: Engineering Costs by McGraw Construction Company
on Heavy Gauge Pickler Job MC-5651, RES #6086-1

At the present time there are 2,740 hours of McGraw Engineering time charged to the subject job that should not be considered as Design Engineering as per attached sheet from N. G. Sellers of the McGraw Construction Company.

Based on Shop Detail Drawings 1,238 hours should be charged to MC-5651-201-210 for steel detailing eliminated from the Purchase order on J. J. Weiler and Sons on Armco P.O. MDG-426961. The balance of 1,502 hours should be charged to MS-1330 for abandoned Engineering. This Engineering should be billed through Contract 850 at a 4 1/2% Construction Fee.

R L. Luff

RLL/pjr

P.R. 11-14-68-E.U.M.

cc: J. E. Anderson
A. Kall
J. S. Miller
Q. R. Reeder

McGCon 2782

OUR GOAL IS TOTAL CUSTOMER SERVICE

DETAIL ESTIMATE

OCT 23 1963

ACCT. NO	DESCRIPTION	LABOR	MATERIAL	SUB CONTRACTORS
	Reference: Engineering Hours Relocate Heavy Gage Pickler Job #1319 R.E.S. 6086-1			
	Cyanide Entry Repair Job #1343 R.E.S. 600			
	Bob -			
	Here is a breakdown of the engineering hours that should be transferred from the "Design Engineering" Accounts to Abandoned Engineering and Fabricated Steel Accounts (Direct Cost)			
R.E.S. 6086-1	<u>Structural</u>			
Job #1319	Shop Detailing Steel		1238 mh	
Crane Change	(5 Voided Dwgs. @ 86.5 hrs.		432 mh	
	(Corrections on 12 Dwgs.		105 mh	1775
	<u>Mechanical</u>			
Prel. - 2	Voided Dwgs. - Spreader Beam		155 mh	
" - 3	Voided Dwgs. - Tank Arrangement		150 mh	
" - 2	Voided Dwgs. - Tank Floor Drains		100 mh	
" - 3	Voided Dwgs. - Tank Design		150 mh	
" - 2	Voided Dwgs. - Tank Piping		100 mh	
" - 1	Voided Dwgs. - Crane Clearances		50 mh	705
R.E.S. 600				
Job #1343	<u>Structural</u>		-0-	
	<u>Mechanical</u>		-0-	
	<u>Electrical</u>			
Prel. -	Voided 3 Dwgs. @ 60 hours		180 mh	
	Corrections on 4 Drawings		80 mh	260
	Grand Total			2740
	Structural Steel - 1238			
	Abandoned Eng - 1502			
	2740 hrs -			
				McGCon 2783