

ESTIMATE

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Copies to: *Mr. [illegible]*

Title: 7700 IMPROVEMENTS - ITEM

Date: OCTOBER 1972

Estimated by: JOSEPH V. STAFFORD, MARLEY
ANDERSON, CHESTERBOUGH, GREEN

	ITEM 1 New Sales Equipment	ITEM 2 New Retail Equip.	ITEM 3 New Equip. Improvements	ITEM 4 New Equip. Improvements	ITEM 5 New Equip. Improvements
1. DEVELOPMENT					
Investigation					
Design					
Model making					
Design testing					
Models for test					
Development - Powder Metal					
Development - Molds					
Engrg. Folders, C of O, Stds.	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
2. PRODUCT ENGINEERING					
Process eng. & trial run					
Pilot lot testing	500	200	500	1,000	
3. TOOLING					
Design	1,300			5,000	
Fixtures & Gages	1,200			2,000	
Molds					
Perishable tools				12,100	
Tool revisions	3,300	850	350	14,600	
Vendors tooling	4,150	3,500	1,500		
4. SPECIAL MACHINES					
Construction					
Design					
Tooling					
Perishable tooling					
Operations					
5. REMINGTON MACHINES					
Construction				8,500	
Design				3,900	
Tooling				400	
Perishable tooling					
Operations				2,000	
6. STANDARD MACHINES & EQUIP.				97,500	16,100
7. PRODUCTION AIDS					
Construction					
Operations				1,300	
8. PILOT OPERATIONS					
Machine alterations					
Pilot lot mfg.	700	500	350	2,000	300
Machine rearrangement				5,000	400
Comp. obsolescence	100	100	100	1,500	100
Provision for advancing wages & material costs					
-- R&D					
-- Plant	2,400	1,150	400	18,100	3,750
GRAND TOTAL	\$ 26,150	\$ 12,300	\$ 2,950	\$ 108,900	\$ 24,710
OPERATIONS	\$ 26,150	\$ 12,300	\$ 2,950	\$ 92,900	\$ 18,960
CAPITAL				\$ 16,000	\$ 5,750

ESTIMATE

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Copies to: PG Carlson
ER OARR
PS OARR
L. Fox
REPAIR
JIM WALKER

Title 7100 IMPROVEMENTS - ITEM

Date OCTOBER 1972

Estimated by SWEENEY, STEPHEN D. MARLEY
ANDERSON, CHESTER BUSH GREENE

	Item Excludes For Plant Bureau		
1 DEVELOPMENT			
Investigation			
Design			
Model making			
Design testing			
Models for test			
Development - Powder Metal			
Development - Molds			
Energy-Folders C. A. O. Stage 1			12,100
2 PRODUCT ENGINEERING			
Process eng. & plant plan			
Pilot lot testing	1,500		4,200
3 TOOLING			
Design	5,600		14,100
Fixtures & Gages	4,500		6,900
Molds			
Perishable tools	400		12,760
Tool revisions	9,500		22,800
Vendors tooling	1,000		15,200
4 SPECIAL MACHINES			
Construction			
Design			
Tooling			
Perishable tooling			
Operations			
5 REMINGTON MACHINES	30,000		
Construction	12,000		20,500
Design	2,200		6,100
Tooling	2,400		3,600
Perishable tooling			
Operations	2,800		4,000
6 STANDARD MACHINES & EQUIP.	37,000		150,600
7 PRODUCTION AIDS			
Construction			
Operations	300		1,500
8 PILOT OPERATIONS			
Machine alterations			
Pilot lot mfg.	900		4,300
Machine rearrangement	1,200		6,600
Comp. obsolescence	1,300		3,300
Provision for advancing wages & material costs			
-- R&D			
-- Plant	10,550		34,850
GRAND TOTAL	81,500		380,510
TOTAL OPERATIONS	61,000		193,160
TOTAL CAPITAL	54,000		187,350

* For Any One or More of the Above