

ESTIMATE

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500

Title 7100 IMPROVEMENTS - ITEMDate OCTOBER 1973

Copies to:

1. Mr. Davis
2. Mr. Chelap
3. Mr. Carr
4. Mr. [unclear]Estimated by DWANEY, STAFFORD, MARLEY
ANDERSON, CHESTERBACH, SPENCER

	Item 1 New Equip. Expenditures	Item 2 New Equip. Expenditures	Item 3 New Equip. Expenditures	Item 4 New Equip. Expenditures	Item 5 New Equip. Expenditures
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	
2. PRODUCT ENGINEERING					
Process eng. & trial run					
Pilot lot testing	500	200	500	1,000	
3. TOOLING					
Design	1,300			6,000	
Fixtures & Gages	2,300			2,000	
Molds					
Perishable tools				18,100	
Tool revisions	3,100	250	350	4,000	
Vendors tooling	1,150	2,500	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	3,16,100
7. PRODUCTION AIDS					
Construction					
Operations				1,200	
8. PILOT OPERATIONS					
Machine alterations					
Pilot lot mfg.	700	500	350	7,000	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	2,750
GRAND TOTAL	\$ 26,150	\$ 12,300	\$ 3,950	\$ 108,300	\$ 39,710
OPERATIONS	\$ 26,150	\$ 12,300	\$ 3,950	\$ 108,300	\$ 18,960
CAPITAL				\$ 116,600	\$ 12,750

ESTIMATE

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JAN 1973

Title 7700 Improvements - Item

Date OCTOBER 1972

Estimated by SWEENEY, STOFFADT, HADLEY

ANDERSON, CHESTER, GREENE

Copies 15

J. J. GAYLE

P. S. CAMPBELL

E. R. CARR

P. S. CROOK

L. F. D.

R. E. KIRK

J. H. VANCE

	Item #	Enclos. for R&D Bureau			
1	DEVELOPMENT				
	Investigation				
	Design				
	Model making				
	Design testing				
	Models for test				
	Development - Powder Metal				
	Development - Molds				
	Engrg-Folded C. of O. Stds.				
2	PRODUCT ENGINEERING				
	Process eng. & trial run				
	Pilot lot testing	1,500			3,400
3	TOOLING				
	Design	5,000			14,700
	Fixtures & Gages	5,500			6,900
	Molds				
	Perishable tools	400			12,700
	Tool revisions	9,500			29,800
	Vendors tooling	1,050			15,200
4	SPECIAL MACHINES				
	Construction				
	Design				
	Tooling				
	Perishable tooling				
	Operations				
5	REMINGTON MACHINES				
	Construction	12,000			20,500
	Design	2,200			6,100
	Tooling	2,300			2,600
	Perishable tooling				
	Operations	2,800			4,800
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	10,650			34,850
	GRAND TOTAL	115,000			380,510
	TOTAL OPERATIONS	61,000			192,160
	TOTAL CAPITAL	54,000			188,350
	* Exp. Any One of M. or C. Costs				