



**Request For Capital
Expenditures/Retirements**

DIVISION OR COMPANY

Organic Chemical Division

LOCATION

Chicago Plant

JOB TITLE

J.O. CONTROL POINT

097

**Purchase and install an
intrusion detection system.**

REPORTING CLASSIFICATION

D2

DATE APPROVED

5/13/81

JOB ORDER NO.

OC-5378

SUMMARY OF AMOUNTS

DESCRIPTION	LOCAL	CURRENCY	U.S. DOLLARS
ESTIMATED PROJECT COST			\$3709
DISMANTLEMENT EXPENSE			
TRANSFER EQUIPMENT			
GROSS AMOUNT FOR APPROVAL			\$3709
LESS TRANSFER EQUIPMENT			
LESS SALVAGE OR TRADE-IN ALLOWANCE			
NET CASH REQUIRED (GOF-3027)			\$3709

RETIREMENT DATA

ECONOMICS

as called for in General Procedure Memo #3
Attachment C. (Attach calculations)

REVISION DET

L (GROSS AMOUNTS)

AMOUNT		REV.#	DATE	OUNT	CUM. AUTHORIZATION
COST	ECONOMICS PERIOD	1			
DISMANTLEMENT	NET SALES	2			
LESS SALVAGE	NAT.(PROFIT/SAVINGS)	3			
	TOTAL INVESTMENT	4			
	% ROI (ON TOTAL INVEST.)	5			
	INTERNAL RATE OF RETURN	6			
TOTAL - CHARGE RESERVE	PAYOUT OF NEW FIXED CAPITAL	7			

DESCRIPTION AND REASONS REQUIRED

Funds of -----\$3709
are requested for the purchase and installation of an ADT
microwave intrusion detection system.

*Closed
10/81*

SUMMARY OF ESTIMATED COST - Details on GOF-3027		ESTIMATE NO.	STARTING DATE	COMPLETION DATE	
			1 mo. after approval	3 mo. after approval	
ITEM NO.	DESCRIPTION	MATERIAL	LABOR	ENGINEERING	TOTAL
1	Microwave detection system	2237	1252	100	3589
2	Illinois Sales and Use Tax	120			120
NET CASH REQUIRED		2357	1252	100	3709
ACCOUNTING TREATMENT		APPROVALS			
ITEM NO.	DEPR. RATE	NAME		DATE	
		PROJECT SPONSOR			
	Dr. \$3,589 P. P. & E. (2A320)	<i>[Signature]</i>		4/24/81	
	Dr. \$ 120 Expense as incurred	<i>H.R. Daffney</i>		4/24/81	
		<i>[Signature]</i>		5/13/81	
ACCOUNTING TREATMENT / ECONOMICS APPROVED BY DIV. CONTROLLER (CHECK BOXES)					
☒ <i>[Signature]</i>		DATE 5/6/81			
POST AUDIT PERIOD		DIVISION PRESIDENT/DIRECTOR			
DISTRIBUTION		CORPORATE OFFICER			

DESCRIPTION AND REASONS REQUIRED

Proposed Work and Cost

Funds of -----\$ 709
are requested for the purchase and installation of an A.T.
microwave intrusion detection system.

Present Situation

The Chicago Plant, originally part of a multi-building complex, purchased by Cyanamid in 1971, has no fence or other protective barriers to prevent access into our buildings from the North side.

There is a high fence running along the West side of our property which protects us and our neighbors to the North but we are completely open to each other and the railroad siding.

Fencing cannot be installed as our building in some areas is the property line and the two railroad sidings common to both our plant and the North neighbor, Armstrong Container, cannot be enclosed.

Justification

Reviewing the recent security problems with W. K. Fulton of corporate security, and outside contractors, we believe the proposed system to be an effective deterrence to personnel movement within its area.

Last fall the plant had an illegal entry into the plant through this area, followed a short time later by a forced entry through the South gate. An attempt was made by two men to steal pig lead.

There is also evidence that lead has been taken from the plant through the unprotected North side of the plant.

Commercial Factors

This order supports a plant budget for lead stabilizer as follows:

	<u>Sales</u>		<u>Marginal Income</u>		<u>POS</u>	
<u>(k\$/lbs.)</u>	<u>lbs.</u>	<u>\$</u>	<u>\$</u>	<u>%</u>	<u>\$</u>	<u>%</u>
Actual all stabilizers 1980	7,296	5,618	2,451	43.6	1,782	31.
Budget all stabilizers 1981	6,400	5,207	2,337	44.9	1,512	29.

	<u>Sales</u>		<u>Marginal Income</u>		<u>POS</u>	
<u>(k\$/lbs.)</u>	<u>lbs.</u>	<u>\$</u>	<u>\$</u>	<u>%</u>	<u>\$</u>	<u>%</u>
First quarter all stabilizers 1981	1,786	1,336	776	58.1	626	46.8

Details of Proposal

A microwave intrusion detection and alarm system will be purchased and installed so as to cover the North end of buildings 19 and 20 which are now, unprotected. The microwave system will activate a bell alarm if a person enters or leaves the protected area. The foreman will have a key to lock out the system when necessary.

Alternatives Considered

Installation of a photoelectric beam - can easily be defeated by either going over or under the beam. Not effective for our application.

Installation of a fence - this is not practical, since the railroad siding runs between buildings 19 and 20. Continued use of this railroad siding to unload the plant's raw materials makes the use of a fence impractical.

Production Factors

This proposal will not alter production quality or rates.

Contingent Future Commitments

Additional funds could be required to protect the company parking lot adjacent to the plant. The additional cost to repair the fence and install a alarm system would be about \$7,500.

Risks

No operating risks are involved.

Summary

The installation of a microwave intrusion system will protect the North end of the plant.

AMERICAN CYANAMID COMPANY
 4500 W. 15TH STREET
 CHICAGO, ILLINOIS

ELEVATED RAILROAD TRACKS

NEAREST HOSPITAL

1.5 MILES

SCALE 1" = 50'

FENCE

Dock Door

19

19-A

20

20-A

MILK WHITE PAINT OF BEAM

RAILROAD TRACKS

24

LOADING DOCK

ALLEY

RESIDENTIAL

ALLEY

KILBOURN AVENUE

RESIDENTIAL

15TH ST.

NEAREST

1/4 MILE

↓

INDUSTRIAL BUILDINGS
 (ARMSTONG)

PLAT PLAN