


CAPITAL APPROPRIATION REQUEST

PROJECT NAME	Pressure Control Valve	DEPARTMENT	WWTP
COMPANY	PT Zeus Kimiatama Indonesia	TYPE OF INVESTMENT	Process Improvement
LOCATION	Jababeka I	DATE	18-Mar-25

PREPARED BY		REVIEWED BY	
Project Coordinator	Rindu Wahono  Sign	Finance/ Accounting	Zainal Arifin  Sign
Technical Project Manager	Arry Rahmat  Sign	Capex Coordinator	Rindu Wahono  Sign

PROJECT DETAIL
Justification of the project, main objectives and assumptions

The Dissolved Air Flotation (DAF) system plays a critical role in the wastewater treatment process, where suspended solids are separated using pressurized air. Currently, air pressure to the DAF unit is manually controlled using a standard manual valve. This manual operation has led to several issues in fluctuating and unstable air pressure. To address these concerns, we propose installation of an automatic Pressure Control Valve (PCV) to maintain a consistent and optimal pressure.

Scope definition of proposed project

Installation of automatic Pressure Control Valve

Breakdown of CAR Amount

Item	Currency	Cost	Rate	Cost in IDR
Pressure Control Valve	IDR	45,000,000.00	1.00	IDR 45,000,000.00
Subtotal				IDR 45,000,000.00
Contingency 5%				IDR 2,250,000.00
Total				IDR 47,250,000.00

Rejected Alternatives

- Install standard air regulator → Standard regulator lack the accuracy and responsiveness needed for dynamic processes like DAF

Project Schedule

1 month after approval

APPROVAL			
OPERATION DIRECTOR	Indra Gunawan  Sign	MANAGING DIRECTOR	Sumantri Ishak  Sign
FINANCE DIRECTOR	Evirna Lisnawaty  Sign		