

PT. TRANSGASINDO ENGINEERING DIRECTORATE  
ENGINEERING DIRECTORATE

PROJECT TITLE : **Lightning Protection System Development**

ACTIVITY FORM						
Category	Activity Number	Start Date	Finish Date			
Development and Reinforcement						
<u>Description</u>						
<p style="color: blue;">1. Build New Lightning Protection System at Kompresor SV 1206, Kompresor SV 1306, GMS-Jambi Station, GMS-Sakernan Sta, GMS-Panaran Sta, GMS-Pemping Sta, GMS-Jabung Sta, GMS-Grissik Sta</p> <p style="color: blue;">2. Integrated LPS System</p>						
<u>Status</u>		<u>Activity Coordinator</u>		Coordinator Sign / Date		
<input checked="" type="checkbox"/> Open <input type="checkbox"/> Close		System Planning & Project Manager				
<b>RESOURCES</b>						
<u>I. PERSONNEL</u>						
	No	Person in Charge	Quantity	Man-day(s)		
	1	Aji Tunggul P	1	30		
	2	D3/STM	1	30		
<u>II. OPEX</u>						
Operating Exp. (In thousands)		No	Item	Unit	Volume	Budget
		1	SPPD	ls	1	7,800
		2	Car Rental	ls	1	15,000
		3	Fuel	ls	1	4,500
						-
<b>TOTAL</b>						<b>27,300</b>
<u>COST CENTER</u>						
Bus Dev						
<u>III. CAPEX</u>						
Capital Exp. (In thousands)		No	Item		Budget	
		1	Kompresor SV 1206 Station		39,171	
		2	Kompresor SV 1306 Station		39,171	
		3	GMS-Jambi Station		19,919	
		4	GMS-Sakernan Station		12,950	
		5	GMS-Panaran Station		15,375	
		6	GMS-Pemping Station		17,867	
		7	GMS-Jabung Station		18,771	
		8	GMS-Grissik Station		6,368	
<b>TOTAL</b>						<b>169,591</b>
<u>IV. FACILITY</u>						
	No	Item	Unit	Volume	Day(s)	
	1	- Continuity Tester	1	1	30	
	2	- Earth Resistance Meter	1	1	30	
	3	- Arrester Tester	1	1	30	
	4	- Toolkit	1	1	30	
	5	- Komputer				
<u>CONTRACTOR(S)</u>						
	No	Company	Status*	Director/Cells	Site Mgr./Cells	
	1	PT Pratiwi Putri Sulung	PT	Agus Salim	Badrudin	
* Indicate as Main or Sub or else						

PT. TRANSGASINDO ENGINEERING DIRECTORATE

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PROJECT TITLE : Lightning Protection System Development

WORKING SEQUENCE																							
Class	Activity Number	Start Date	Finish Date																				
Development and Reinforcement																							
<p><u>Duty Description</u> :</p> <table border="1"><tbody><tr><td>1</td><td></td></tr><tr><td>2</td><td></td></tr><tr><td>3</td><td></td></tr><tr><td>4</td><td></td></tr><tr><td>5</td><td></td></tr><tr><td>6</td><td></td></tr><tr><td>7</td><td></td></tr><tr><td>8</td><td></td></tr><tr><td>9</td><td></td></tr><tr><td>10</td><td></td></tr></tbody></table>				1		2		3		4		5		6		7		8		9		10	
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9																							
10																							
Date : _____		Approved by : _____																					
Signature : _____																							

**PT. TRANSGASINDO ENGINEERING DIRECTORATE**  
**ENGINEERING DIRECTORATE**

PROJECT TITLE :      **Lightning Protection System Development**

<b>JUSTIFICATION</b>			
	Activity Number	Start Date	Finish Date
<b>Development and Reinforcement</b>			
<u>Justification</u> :	1		
	2		
	3		
	4		
	5		
	6		
Date : _____		Approved by : _____	
Signature : _____			

# Time Table

PT. TRANSGASINDO ENGINEERING DIRECTORATE

Lightning Protection System Development

No.	Kegiatan Rincian Kegiatan																
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
1	Melakukan Identifikasi Kebutuhan																
2	Melaksanakan Pengumpulan data, Survey dan Validasi Data																
3	Design																
4	Koordinasi dengan operasi dan third parties pra tender																
5	Tender																
6	Verifikasi proposal kontraktor																
7	Koordinasi dengan operasi dan third parties pasca tender																
8	Pengadaan Material dan Eksekusi Lapangan																
9	QA/QC dan Evaluasi																
10	Commisioning dan Implementasi																

**RINCIAN OPERATING EXPENDITURE (OPEX)****Lightning Protection System Development****SPPD**

NO	URAIAN	EB	SATUAN	VOLUME	HARGA SATUAN (Rp)	TOTAL (Rp)
1	Aji Tunggul P		hk	30	130,000	3,900,000
2	STM/D3		hk	30	130,001	3,900,030
	Dibulatkan					7,800,030
						7,800,000

**Car Rental**

NO	URAIAN	EB	SATUAN	VOLUME	HARGA SATUAN (Rp)	TOTAL (Rp)
1	4 WD		ls	30	500,000	15,000,000
						-
	Dibulatkan					15,000,000
						15,000,000

**Fuel**

NO	URAIAN	EB	SATUAN	VOLUME	HARGA SATUAN (Rp)	TOTAL (Rp)
1	4 WD		hk	30	150,000	4,500,000
						-
	Dibulatkan					4,500,000
						4,500,000

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NO	URAIAN	EB	SATUAN	VOLUME	HARGA SATUAN (Rp)	TOTAL (Rp)
						-
						-
	Dibulatkan					-
						-

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**CAPITAL EXPENDITURE**

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**Lightning Protection System Development**

<b>NO</b>	<b>URAIAN PEKERJAAN</b>	<b>J U M L A H (Rp)</b>
1	Kompressor SV 1206 Station	32,373
2	Kompressor SV 1306 Station	32,373
3	GMS-Jambi Station	16,462
4	GMS-Sakernan Station	10,702
5	GMS-Panaran Station	12,706
6	GMS-Pemping Station	14,766
7	GMS-Jabung Station	15,513
8	GMS-Grissik Station	5,262
	<b>GRAND TOTAL Rp.</b>	<b>169,591</b>

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## DESIGN

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Hyperlink to the drawing