





## RENCANA ANGGARAN BIAYA (RAB) KEAHLIAN FABRIKASI LOGAM

No.	Kode Juknis	Jenis Barang	Rasio		Harga	Jumlah
				Unit		
1	2.1	Las Busur Manual Arc Welding / SMAW	2	Unit	25,725,000	51,450,000
2	2.2	Las Busur CO2 (MIG/MAG Welding Machine) (GMAW)	2	Unit	29,925,000	59,850,000
3	2.3	GTAW Machine with pulse	2	Unit	26,250,000	52,500,000
4	2.4	MMA Machine	2	Unit	13,387,500	26,775,000
5	2.5	Pembakar dan Pemotong Oksi Asitilin	1	Unit	19,425,000	19,425,000
						<b>210,000,000</b>

### (SPESIFIKASI) KEAHLIAN FABRIKASI LOGAM

No.	Jenis Peralatan	Deskripsi	Gambar
1.	Las Busur Manual Arc Welding/SMAW	<p>Merk / Type : KOBEWEL / S 201 i (Jepang)</p> <p><b>Spesifikasi :</b></p> <p>Rated input voltage (V) : AC 220V ± 10% 50-60 Hz</p> <p>Rated input Current (A) : 32</p> <p>No-load voltage (V) : 63</p> <p>Output -current adjusting range (A) : 30-210</p> <p>Duty cycle (40 °C) : 35%</p> <p>Efficiency : ± 85%</p> <p>Insulation : H</p> <p>Case protection grade : IP21</p> <p>Cooling : Wind</p> <p>Accessories</p> <p>Fast plug red, fast plug black, welding cable 3 Meter , ground cable 2 Meter, ground clamp electrode clamp</p>	 <p style="text-align: center;">S 201 i</p>
2.	Las Busur CO2 (MIG/MAG Welding Machine) (GMAW)	<p>Merk / Type : KOBEWEL / KM 220 D MIG MAG PACKAGE (Jepang)</p> <p><b>Spesifikasi :</b></p> <p>Main characteristics</p> <ul style="list-style-type: none"> <li>• IGBT Inverter</li> <li>• 2//4 -steep welding modes switch</li> <li>• Wide range op supplay voltage</li> <li>• Welding voltage and welding current can be preset and displayed digitally</li> <li>• Wire feeder is built in</li> </ul> <p>Technical Specifications :</p> <p>Input voltage : Single -phase 220 V ± 10% / (50 ~ 60 )Hz</p> <p>Rated input current II : 27.6A</p> <p>Rated input power P1 : 6.6 kw</p> <p>No-load voltage U0 : 50 V</p> <p>No-load Current : 0.7 A</p> <p>No-load power loss : 100 W</p> <p>Voltage range U2 : 15 V ~ 26 V</p> <p>Current output range I2 : 50 A- 200A</p> <p>Wire specification : Ø 0,8 / Ø 1.0 steel</p> <p>Duty cycle X : 60%</p> <p>Efficiency n : 80%- 85% (nominal terms)</p>	 <p style="text-align: center;">GMAW / Mig Mag Step Switch - Compact KM Series</p>





No.	Jenis Peralatan	Deskripsi	Gambar
		Weldable electrodes : 1,5-4 mm Duty cycle 100% : 110 A Duty cycle 60% : 120 A Duty cycle at max current : 30% Mains voltage : 230 V/1 Ph/50 Hz Positive mains tolerance : 15% Negative mains tolerance : 40% Mains fuse : 16A Mains Plug : Schuko Standard : EN 60974-01 Protection calss (EN60529) : IP23S Insulation class : F Designation : CE.S Include Accessories Welding cable 25 mm2 : 3 Meter Ground Cable 25 mm2 : 3 Meter Plastic case mobile power Electrodes	
5.	Pembakar dan Pemotong Oksi Asitilin	Merk / Type : KOBEWEL / KC12 (Jepang) <b>Spesifikasi :</b> Cutting steel thickness : 5-120 mm Cutting Speed : 50 -750 mm/min Input power : 220 V/50 Hz With double cutting torch,it doubles the efficiency compared with the single head cutting torch.With high speed main control valve , it reduced gas adjustment time before cutting each time.It is easy to use with stable operation and high efficiency	