

Group PT Pesud Abadi Mahakam
 Subject RAB Pembangunan PKS Kap 10 TPH
 Location Desa Harapan Maju,Biatan,Kab Berau,Kalimantan Timur



NO	URAIAN	Qty	Sat	LOCAL COST (IDR)			
				UNIT PRICE		TOTAL PRICE	
				Exclude Tax		Exclude Tax	
I	PRELIMINERIES					-	732.500.000
	- Engineering and Drawing	1	Lot			350.000.000	350.000.000
	- Site office,Temporary Housing and Site Facility	1	Lot			250.750.000	250.750.000
	- Commisioning and Training Operator	1	Lot			131.750.000	131.750.000
II	MECANICAL WORK						
A	FRUIT RECEPTION STATION					109.082	248.250.000
	- Road Weigbridge						
	WB Cap 40 Ton pit hibryd single load cell type	1	Lot	16.552	16.552		
	- Inc FFB Scraper distributing conveyor 750 wide x 45 M	1	Lot			247.500.000	247.500.000
	Gear motor 7.5 kw, 42 rpm	1	Lot	2.730	2.730	750.000	750.000
	Chain conveyor 4'pitch,60.000 lbs	220	mtr	385	84.700		
	Sprocket conveyor 4'pitch,10 teeth	6	Lot	850	5.100		
B	STERILLIZER STATION					92.777	2.801.650.000
	- Vertilical sterilizer Vessel-Cap 12 T FFB (Install,MS Plate)	2	Unit			820.000.000	1.640.000.000
	Sterilizer door 1000 c/w liner insert	4	Unit	8.306	33.224		
	- Sterilizer platform for 2,c/w ladder & handrail	1	Lot			265.000.000	265.000.000
	- Blowdown chamber sterilizer	1	Unit			115.000.000	115.000.000
	- Handrail for condensate pit	1	Lot			42.000.000	42.000.000
	- Priming tank for condensate pit	1	Unit			21.500.000	21.500.000
	Condensae pit pumps Cap 30 m3/hr,25 m head	1	Unit	4.384	4.384	650.000	650.000
	- Recovery tank Cap 80 m3 c/w oil collection tank	1	Lot			456.800.000	456.800.000
	Recycling pumps Cap 30 m3/hr, 30 m head	1	Unit	4.384	4.384	750.000	750.000
	- SFB recharge scraper conveyor 750 mm wide x 24 mtr	1	Unit			258.200.000	258.200.000
	Gear motor 7,5 kw,42 rpm	1	Unit	3.185	3.185	1.750.000	1.750.000
	Chain conveyor 4'pitch 40.000 lbs	104	Mtr	425	44.200		
	Sprocket conveyor 4'pitch,10 teetch	4	Pcs	850	3.400		
C	PRESSING STATION					52.834	1.437.820.000
	- Distributing Fruit Conveyor 500 mm x 9 mtr	1	Unit			37.500.000	37.500.000
	Gear motor 5.5 kw,55 rpm	1	Unit	2.337	2.337	675.000	675.000
	- Pressing structure for 2,c/w platform,ladder & handrail	1	Lot			270.500.000	270.500.000
	Screwpress P-10 c/w hydraulic system & acc	1	Unit	21.324	21.324	6.300.000	6.300.000
	Digester Cap 4500 ltr c/w acc	1	Unit	16.176	16.176	5.400.000	5.400.000
	- Crude Oil gutter 9.5 mtr long	1	Unit			34.200.000	34.200.000
	- Hot water tank Cap 3 M3	1	Unit			16.200.000	16.200.000
	- Water dilution tank	1	Unit			2.520.000	2.520.000
	- Sand Trap Tank type palong cap 8 m3	1	Unit			67.800.000	67.800.000
	- Structure vibrating screen for 2,c/w platform,ladder & handrial	1	Unit			22.500.000	22.500.000
	Double deck circular vibrating screen 60",20-30 mesh	1	Unit	9.887	9.887	1.350.000	1.350.000
	- Cruide Oil Tank Cap 10 m3,SS plate	1	Unit			971.200.000	971.200.000
	Cruide Oil Pumps Cap 20 m3/hr,30 m lead	1	Unit	3.110	3.110	1.675.000	1.675.000
D	DEPERACARPING & KERNEL STATION					30.434	1.271.399.500
	- Cake breaker conveyor 600 mm x 18 mtr	1	Unit			304.120.000	304.120.000
	Gear motor 11 kw,65 rpm	1	Unit	2.730	2.730	1.417.500	1.417.500
	- Depericarper Colum	1	Unit			76.950.000	76.950.000
	- Nut Polishing drum 1.000 mm x 4.5 mtr	1	Unit			232.840.000	232.840.000
	Gear motor 5.5 kw, 30 rpm	1	Unit	3.574	3.574	1.417.500	1.417.500
	- Nut auger conveyor 300 mm x 6 mtr	1	Unit			22.680.000	22.680.000
	Gear motor 23 kw, 55 rpm	1	Unit	1.985	1.985	1.417.500	1.417.500
	- Fibre transport ducting	1	Lot			30.780.000	30.780.000
	- Fybre cyclone structure c/w platform,ladder & handrial	1	Lot			76.950.000	76.950.000
	- Fybre cyclone	1	Unit			76.707.000	76.707.000
	Fibre cyclone fan c/w motor for 15 ton ffb/hr	1	Unit	4.600	4.600	1.215.000	1.215.000
	- Fibre cyclone air lock 550 m	1	Unit			12.150.000	12.150.000
	Gear motor 5.5 kw,42 rpm	1	Unit	4.574	4.574	1.417.500	1.417.500
	- Fibre fan ducting	1	Lot			34.020.000	34.020.000
	- Destroner column	1	Unit			9.720.000	9.720.000
	- Destoner transport ducting	1	Lot			29.970.000	29.970.000
	- Destroner cyclone c/w support	1	Lot			34.020.000	34.020.000
	Destyoner fan c/w motor for 15 tons ffb/hr	1	Unit	3.200	3.200	1.215.000	1.215.000
	- Destoner air lock 300 mm	2	Unit			9.720.000	19.440.000
	Gear motor 2.2 kw,42 rpm	2	Unit	2.956	5.912	607.500	1.215.000
	- Destoner fan ducting	1	Lot			25.920.000	25.920.000
	- Top nut distributing screw conveyor 300 x 5 mtr	1	Unit			44.550.000	44.550.000
	Gear motor 2.2 kw,55 rpm	1	Unit	3.859	3.859	1.417.500	1.417.500
	- Nut silo Cap 40 m3 c/w platform,ladder & handrial	1	Unit			229.850.000	229.850.000

E	CLARIFICATION STATION					23.060		1.908.500.000
	- Continous setting tank Cap 60 m3	2	Unit				310.000.000	620.000.000
	- Sludge tank Cap 10 m3	1	Unit				95.000.000	95.000.000
	Sinle deck circular vibrating screen 60",20-30 mesh	1	Unit	8.887	8.887		1.500.000	1.500.000
	- Sludge drain tank Cap 12 m3	1	Unit				65.000.000	65.000.000
	- Reclaimed oil tank cap 3 m3	1	Unit				27.500.000	27.500.000
	Reclaimed oil pump Cap 20 m3/hr,30 m head	1	Unit	2.175	2.175		750.000	750.000
	- Condensate tank cap 20 m3/hr steam injection	1	Unit				96.000.000	96.000.000
	- Pure oil tank cap 15 m3	1	Unit				65.000.000	65.000.000
	- Oil storage tank cap 200 ton c/w steam coil & acc	1	Unit				650.000.000	650.000.000
	Oil despatch pump cap 60 m3/hr, 25 m head	1	Unit	3.570	3.570		750.000	750.000
	- Priming tank for sludge pit	1	Unit				11.500.000	11.500.000
	Sludge recycling pump cap 20 m3/hr, 25 m head	1	Unit	4.064	4.064		750.000	750.000
	- Fat pit tank cap 80 m3 c/w oil collection tank	1	Lot				256.000.000	256.000.000
	Recycling pump cap 30 m3/hr, 30 m head	1	Unit	4.364	4.364		750.000	750.000
	- Handaril for sludge pit	1	Lot				18.000.000	18.000.000
F	POWER HOUSE STATION					51.297		723.000.000
	- Back presure Vassel Cap 15 m3 c/w platform,ladder & handrail	1	Unit				510.000.000	510.000.000
	- Diesel genset kap 250 kwh	1	Unit	28.077	28.077		75.000.000	75.000.000
	- Diesel genset kap 80 kwh	1	Unit	19.770	19.770		70.000.000	70.000.000
	- Diesel storage tank kap 10.000 ltr	1	Unit				54.500.000	54.500.000
	Diesel flow meter 2"	1	Unit	3.450	3.450		1.500.000	1.500.000
	- Diesel daily tank Cap 1.000 ltr	1	Unit				12.000.000	12.000.000
G	BOILER HOUSE STATION					165.579		1.386.500.000
	- Fuel distributing screw conveyor 500 mm x 24 mtr	1	Unit				450.000.000	450.000.000
	Gear motor 7,5 kw, 55 rpm	1	Unit	4.150	4.150		7.500.000	7.500.000
	- Boiler feed tank Cap 80 m3	1	Unit				695.000.000	695.000.000
	Boiler feed pump	2	Unit	15.700	31.400		4.500.000	9.000.000
	- Back presure Vassel Cap 15 m3 c/w platform,ladder & handrail	1	Unit	130.029	130.029		225.000.000	225.000.000
H	WATER TREATMENT PLANT STATION					10.875		852.195.000
	- Elevated water tank Cap 2 x 45 tons c/s structure,platform,ladder	1	Unit				402.400.000	402.400.000
	- Presure sand filter Cap 70 m3/hr	1	Unit				88.200.000	88.200.000
	Sand filter pump Cap 70 tons/hr, 35 m head	1	Unit	2.265	2.265		675.000	675.000
	- Chemical tank Cap 30-60 ltr/hr c/w acc	3	Unit				3.150.000	9.450.000
	Dossing pump duplex piston Cap 30-60 ltr/hr c/w acc	3	Lot	2.125	6.375		765.000	2.295.000
	- Raw water pipeline	1	Lot				348.500.000	348.500.000
	Raw water Cap 60 m3/hr, 35 m head	1	Unit	2.235	2.235		675.000	675.000
III	PIPING WORK					-		755.875.000
	- Oil piping	1	Unit				66.500.000	66.500.000
	- Steam piping	1	Unit				119.625.000	119.625.000
	- Water piping	1	Unit				99.500.000	99.500.000
	- Valves & fitting	1	Unit				332.750.000	332.750.000
	- Insulation	1	Unit				137.500.000	137.500.000
IV	ELECTRICAL WORKS					-		1.447.500.000
	- Main control switch board,motor control center & subboard	1	Unit				525.000.000	525.000.000
	- Cable power,main building lighting & socket outlet ect	1	Unit				817.500.000	817.500.000
	- Street lighting & fitting,lighting protecting & earthing system	1	Unit				105.000.000	105.000.000
V	MESS (LONG HOUSE)					-		935.000.000
	- Mess Manager	1	Unit				220.000.000	220.000.000
	- Mess Staff	2	Unit				170.000.000	340.000.000
	- Kantor	1	Unit				125.000.000	125.000.000
	- Gudang	1	Unit				125.000.000	125.000.000
	- Laboratorium	1	Unit				125.000.000	125.000.000
VI	EART WORKS					-		900.000.000
	- Cutt and Fill mill area & Effluent treatment (20 x 60 x 4 M)	1	Lot				850.000.000	850.000.000
	- Mobilitation	1	Unit				50.000.000	50.000.000
VIII	LABORATORIUM					-		300.000.000
	- Peralatan	1	Set				250.000.000	250.000.000
	- Perabot	1	Set				50.000.000	50.000.000
X	EFFLUENT TREATMENT STATION					13.750		431.000.000
	- Effluent circulation pump	1	Unit	13.750	13.750		156.000.000	156.000.000
	- PVC Pipe 4 circulation	1	Lot				275.000.000	275.000.000

XI	CIVIL WORKS & STEEL STRUCTURE				-		4.446.980.000
	- Steel structure for 10 MT FFB/Hr	1	Lot			856.350.000	856.350.000
	Main building	1	Lot				-
	Oil loading sheed	1	Lot				-
	Roofing,cladding and canopy	1	Lot				-
	Painting	1	Lot				-
	- Access road (Beton jalan masuk ke loading ramp)	1	Lot			217.800.000	217.800.000
	- Fencing and gate	1	Lot			203.500.000	203.500.000
	- Weigbridge	1	Lot			272.800.000	272.800.000
	- Dranaise	1	Lot			183.700.000	183.700.000
	- Loading ramp	1	Lot			414.150.000	414.150.000
	- Sterilizer	1	Lot			175.500.000	175.500.000
	- Clarification	1	Lot			175.500.000	175.500.000
	- Boiler house and engine room	1	Lot			175.500.000	175.500.000
	- Fibre cyclone area	1	Lot			145.200.000	145.200.000
	- Oil stirage tank Cap 200 ton	1	Lot			189.200.000	189.200.000
	- Oil loading sheed	1	Lot			237.820.000	237.820.000
	- Water intake and WTP	1	Lot			176.300.000	176.300.000
	- Condensate pit	1	Lot			134.750.000	134.750.000
	- Sludge pit	1	Lot			152.570.000	152.570.000
	- Fatpit pondation	1	Lot			247.720.000	247.720.000
	- Machineris pondation	1	Lot			250.800.000	250.800.000
	- Pump house water intake and WTP	1	Lot			237.820.000	237.820.000
	TOTAL COST (USD @Rp 14.500)				549.688		7.970.476.000
	TOTAL COST (IDR)						20.147.169.500
	TOTAL INVESTMENT COST						28.117.645.500



10 June 2022