

# PROGRAM PERTAMBANGAN MINERAL DAN BATUBARA

020 . 11 . JB

## KEGIATAN PELAYANAN JASA MINERAL DAN BATUBARA

020 . 11 . JB . 6714

### USULAN PENGADAAN BARANG/JASA

Output	: Pelayanan Publik Lainnya	6714 . BAH
Rincian Output	: PNPB Bidang Mineral dan Batubara	6714 . BAH . 301
Komponen	: Pelayanan Jasa Teknologi dan Laboratorium Pengujian tekMIRA	051
Sub Komponen	: 'Pelaksanaan Pelayanan Jasa Teknologi Teknologi Eksploitasi dan Sumber Daya	C
Kode Akun	: Belanja barang persediaan bahan baku untuk proses produksi-BLU	525126
Pekerjaan	: Pengadaan Barang Untuk Pembuatan Alat Sparing (BLU Kegiatan Pemasangan SPARING WWTP di PT. Meridan Sejatisurya Plantation / PT MSSP)	

No. (1)	Nama (2)	Volume (3)	Harga Satuan (4)	Jumlah Harga (5)
1.	<b>Remote Terminal Unit (RTU) sparing sistem</b>			
a.	<b>DataLogger system</b>	1 unit	9,250,000	9,250,000
	1) GSM 3G/4G 2) 6 Analog Inputs 3) 2 Digital Inputs			-
b.	<b>Digital pH Sensor BH-485-pH</b>	1 pcs	7,250,000	7,250,000
	Range:0~14pH ; Accuracy:0.1pH ; Power:12V DC ; Communication:RS485 Modbus RTU ; Material:ABS Cable:10 meters			-
c.	<b>Water Level - BQA201</b>	1 pcs	6,200,000	6,200,000
	- Measure range: 0 - 5 m - 4-20 mA - cable length 10 m			-
d.	<b>TSS Sensor, DST410</b>	1 pcs	32,500,000	32,500,000
	- Range : 0 ~ 2000 mg/l - Power supply : 6-12V DC - Housing Material : POM			-
e.	<b>Sensor COD - DS501</b>	1 pcs	52,000,000	52,000,000
	- Range : 0 ~ 1400 mg/l - Power supply : 6-12V DC - Housing Material : SS316			-
f.	<b>Box Panel</b>	1 pcs	2,250,000	2,250,000
	Merk : Durabox Dimensi ukuran : 400 x 600 x 220 mm. Warna : Abu-abu.			-
g.	<b>Access Points TP-Link ; EAP225-Outdoor</b>	1 unit	1,600,000	1,600,000
	- AC1200 Wireless MU-MIMO Gigabit Indoor / Outdoor Access Point ; - 2.4 GHz: 300Mbps; - 802.3af PoE / 24V Passive PoE; - 2 Dual-Band Omni Antennas			-
h.	<b>Wireless Embedded LTE</b>	1 buah	3,000,000	3,000,000
	- Mikrotik ; RBLHGR&R11e-LTE; - Wireless Standard (2G/3G/4G/LTE) ; - Antenna Gain (21 dBi); - POE Input ( 12-57V)			-
i.	<b>Mounting &amp; Material Instalasi RTU</b>			
	1) Siku Besi 40x40x2	10 batang	120,000	1,200,000
	2) Besi pipa Bulat 2,5"	3 batang	500,000	1,500,000
	3) Besi Pipa 1 Inch	1 batang	150,000	150,000
	4) Besi Plat Strip 30mmx2mm	3 batang	60,000	180,000
	5) Plat	3 Lembar	750,000	2,250,000
	6) PVC 2"	2 batang	150,000	300,000
	7) CO (clean Out) / dop drat 2"	4 buah	15,000	60,000

No.	Nama	Volume	Harga Satuan	Jumlah Harga
(1)	(2)	(3)	(4)	(5)
	8) knee 2"	2 buah	5,000	10,000
	9) Dop 2"	4 buah	5,000	20,000
	10) Sock 1"	4 buah	5,000	20,000

No.	Nama	Volume	Harga Satuan	Jumlah Harga
(1)	(2)	(3)	(4)	(5)
	11) Water mur 2"	2 buah	50,000	100,000
	12) Konektor fleksibel metal conduit 1 1/4 inch	10 buah	35,000	350,000
	13) Pithon Flexible Metal Conduit Coated 1-1/4 inch Roll 25 Mtr	25 meter	18,000	450,000
	14) Kabel NYYHY /Serabut 4x0,75	100 meter	7,000	700,000
	15) Kabel NYYHY /Serabut 2X2,5 2X2,5	50 meter	15,000	750,000
<b>2</b>	<b>UNIT MONITORING DAN SERVER</b>			
<b>a.</b>	<b>Mini computer</b> - Processor Onboard : Intel Celeron N4500 1,10Ghz up To 2,80Ghz - Memori Standar : 4GB - Tipe Grafis : Intel® UHD Graphics - Chipset : Intel® SoC	1 unit	4,500,000	4,500,000
<b>b.</b>	<b>PC Server</b> E-2224G Processor, 8GB RAM, SATA-1TB, DVDRW, Power Supply 300Watt ,Mini tower	1 unit	12,500,000	12,500,000
<b>c.</b>	<b>UPS 1 Kva</b> - Output frequency : 50/60 Hz +/- 0.5 Hz - Input voltage : 140-300 (230VAC) - Input frequency : 50 Hz or 60 Hz	1 pcs	6,500,000	6,500,000
<b>d.</b>	<b>WIFI Adapter</b> Interface : Mini USB 2.0, Antenna Gain 3dBi, Antenna Type Dual Omni Directional	1 pcs	1,200,000	1,200,000
<b>e.</b>	<b>Stabilizer</b> - Rated Power Capacity : 2000VA/1000 W - Main Output Voltage : 230V - Main Output Voltage : 230V	2 pcs	850,000	1,700,000
<b>f.</b>	<b>Mouse, Keyboard &amp; Switch</b> - Logitech Wireless Combo MK220 ; - Wireless Keyboard and mouse. USB port ; - Switch TL-SG105E ; 5 10/100/1000 Mbps RJ45 Ports	2 set	450,000	900,000
<b>3</b>	<b>Power system</b>			-
<b>a.</b>	<b>Battery 100 AH : VOZ GEL 12-100</b> - Nominal Voltage : 12V - Nomimal Capacity (10HR) : 100 AH	1 pcs	2,200,000	2,200,000
<b>b.</b>	<b>Solar cell 200 WP :</b> - SP-200-P72 - Max. Power at STC (Pmax) : 200W - Max. Voltage (Vmp) : 35.6V - Max. Current (Imp) : 5.49A	1 pcs	1,600,000	1,600,000
<b>c.</b>	<b>Solar Charger Controller EPEVER XTRA 2210N -XD32</b> - System nominal voltage: 12/24VDC Auto - Rated charge current: 20A - Rated discharge current: 20A - Battery voltage range: 8~32V - Max. PV open circuit voltage: 100V - MPPT voltage range: (Battery voltage +2)~72V - Max. PV input power: 260W/12V atau 520W/24V	1 unit	1,250,000	1,250,000
<b>d.</b>	<b>MCB DC 10A</b> - Rated Current : 10 A - Rated Insulation Voltage : 1000 V - Rated Volatge : 500 VDC	1 unit	150,000	150,000
<b>e.</b>	<b>MCB DC 25A</b> - Rated Current : 25 A - Rated Insulation Voltage : 1000 V - Rated Volatge : 500 VDC	2 unit	350,000	700,000

No.	Nama	Volume	Harga Satuan	Jumlah Harga
(1)	(2)	(3)	(4)	(5)
f.	<b>Box Panel</b>	1 unit	2,250,000	2,250,000
	Merk : Durabox Dimensi ukuran : 400 x 600 x 220 mm. Warna : Abu-abu.			-
Jumlah :				157,540,000
PPn (10%)				15,754,000
Jumlah Keseluruhan :				<b>173,294,000</b>
<b>Terbilang :</b>				

Mengetahui/Menyetujui :  
an. Pemimpin BLU  
Pejabat Keuangan BLU

Bandung, Februari 2022  
Pengusul,  
Pejabat Teknis

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Menyetujui:  
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