

PROGRAM RISET DAN INOVASI ILMU PENGETAHUAN DAN TEKNOLOGI

0 2 0 . 1 1 . K B

KEGIATAN PENELITIAN DAN PENGEMBANGAN TEKNOLOGI MINERAL & BATUBARA

0 2 0 . 1 1 . K B . 6 3 5 8

USULAN PENGADAAN BARANG/JASA

Output : Pelayanan Publik Lainnya 6 3 5 8 . B A H

Rincian Output : PNPB Bidang Mineral dan Batubara 6 3 5 8 . B A H . 3 0 1

Komponen : Pelayanan Jasa Teknologi dan Laboratorium Pengujian tekMIRA 0 5 1

Sub Komponen : 'Pelaksanaan Pelayanan Jasa Teknologi Teknologi Eksploitasi dan Sumber Daya C

Kode Akun : Belanja barang persediaan bahan baku untuk proses produksi-BLU 5 2 5 1 2 6

Pekerjaan : Pengadaan Bahan Untuk Pembuatan Alat Sparing Pada Kegiatan :
BLU SPARING PT. ARUTMIN INDONESIA

No. (1)	Nama (2)	Volume (3)	Harga Satuan (4)	Jumlah Harga (5)
1.	Remote Terminal Unit (RTU) sparing sistem			
a.	DataLogger system	6 unit	16.500.000	99.000.000
	S272 GSM 3G/4G M2M RTU 1) GSM 3G/4G 2) 6 Analog Inputs 3) 2 Digital Inputs			
b.	pH Sensor RK 500-02	6 pcs	12.500.000	75.000.000
	- Measure range : 0 -14PH - 4-20 mA output			-
c.	Hydrostatic Liquid Level Sensor With Measurement	6 pcs	15.500.000	93.000.000
	- Measure range: 0 - 5 M - 4 - 20 mA output			
d.	TSS Sensor, TS-Mx(E)	6 pcs	60.000.000	360.000.000
	- Measure range: 0-50.000 (mg/l) ; - Power supply AC 100-240 +- 10% 50/60 Hz ; - Output analog 4-20 mA ;			
e.	Box Panel : Durabox	12 pcs	4.000.000	48.000.000
	- Dimensi : +(400x600x220) mm.			-
f.	Wireless Embedded LTE	6 buah	3.000.000	18.000.000
	- Mikrotik ; RBLHGR&R11e-LTE; - Wireless Standard (2G/3G/4G/LTE) ; - Antenna Gain (21 dBi); - POE Input (12-57V)			
2.	UNIT MONITORING DAN SERVER			
a.	MSI MINI PC CUBI N JSL 9S6-B0A111-003 CELERON N4500 4GB 128GB W10 PRO	1 buah	7.150.000	7.150.000
	- Processor Onboard : Intel Celeron N4500 1,10Ghz up To 2,80Ghz - Memori Standar : 4GB - Tipe Grafis : Intel® UHD Graphics - Chipset : Intel® SoC - Hard Disk :128GB SSD			
b.	Tower Server	1 buah	15.000.000	15.000.000
	Server DELL T40 E-2224G Processor ,8GB RAM ,SATA-1TB, DVD RW, Power Supply 300Watt ,Mini tower			-

No.	Nama	Volume	Harga Satuan	Jumlah Harga
(1)	(2)	(3)	(4)	(5)
c.	UPS : PRO901WS Single phase with ground ; Capacity 1000 VA / 800 W Input : - Norminal Voltage :100/110/115/120/127VAC or 200/208/220/230/240VAC ; - Voltage Range : 155-150 VAC or 110-300 VAC (Based on load at 50%) ; 85-140VAC or 160-280VAC (Based on load at 100%) ; - Frequency : 40 Hz ~ 70 Hz Output : - Output Voltage : 100/110/115/120/127VAC or 200/208/220/230/240VAC ; - Frequency Range (Batt. Mode) : 50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz	1 buah	10.868.000	10.868.000
d.	TP-LINK TL-WN822N 300MBPS HIGH GAIN WIRELESS USB ADAPTER WIFI Interface : Mini USB 2.0, Antenna Gain3dBi, Antenna Type Dual Omni Directional	1 buah	2.345.000	2.345.000
e.	LG 50UP7750PTB 50 Inch UHD 4K Smart ThinQ AI LED TV 50UP7750 Fitur utama : - Real 4K UHD - Quad Core Processor - ThinQ AI - Sport Alert - Bluetooth Surround Ready	1 buah	12.870.000	12.870.000
f.	Stabilizer : Prolink PVR1000D Input : Norminal Voltage : 220 VAC ; Voltage Range : 110VAC~270VAC or 140VAC ~ 260VAC (selectable) ; Frequency : 50 or 60 Hz (Auto Sensing) ;	1 buah	1.859.000	1.859.000
g.	Mouse, Keyboard & Switch - Logitech Wireless Combo MK220 ; - Wireless Keyboard and mouse. USB port ; - Switch TL-SG105E ; 5 10/100/1000 Mbps RJ45 Ports	1 set	750.000	750.000
h.	Windows 10 PC 1 lisensi	1 buah	3.500.000	3.500.000
i.	Windows Server 2019 1 lisensi	1 buah	17.160.000	17.160.000
3.	Power system			
a.	Battery 100 AH : VOZ GEL 12-100 - Nominal Voltage : 12V - Nomimal Capacity (10HR) : 100 AH	6 pcs	4.000.000	24.000.000
b.	Solar cell 200 WP : - SP-200-P72 - Max. Power at STC (Pmax) : 200W - Max. Voltage (Vmp) : 36.2V - Max. Current (Imp) : 5.52A	6 pcs	2.400.000	14.400.000
c.	Solar Charger Controller EPEVER XTRA 2210N - 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	6 unit	3.500.000	21.000.000
4.	Bahan/Material Instalasi			
a.	Flexible conduit ; Dia. 1.1/2" ; 25 mtr/roll	12 roll	750.000	9.000.000
d.	FAN DC ; 12 VDC; uk. ±(8x8)cm	24 buah	55.000	1.320.000

No. (1)	Nama (2)	Volume (3)	Harga Satuan (4)	Jumlah Harga (5)
e.	Orange Pi Merk: Orange Pi ; CODE : J2015 ; CPU : H6	12 buah	1.500.000	18.000.000
f.	Serial TTL To RS485 Module Converter Merk : - ; Operating voltage: compatible with 3.3V and 5.0V ; Operating temperature: -40 Celsius to +85 Celsius ; Comm. signal: compatible with 3.3V and 5.0V; ukuran : ±(44x14)mm	24 buah	90.000	2.160.000
g.	Modul LCD. Display 2004 A Merk : - ; Blue LCD Display 2004 ; 20x4. 20x4 Module With I2C IIC Backpack Interface: I2C ; I2C Address: 0x3F or 0x27 ; Pin Definition : GNDVCCSDASCL ; Back lit (Blue with White char color) ; Supply voltage: 5V ; Pcb Size : 60mmx99mm ; Contrast Adjust : Potentiometer ; Backlight Adjust : Jumper	12 buah	130.000	1.560.000
h.	Inverter 150 Watt Merk : - ; Tipe : T150W ; Inverter Mobil Charger ; DC 12V to AC 220V - 150 W	12 buah	500.000	6.000.000
Jumlah :				861.942.000
PPn (10%)				86.194.200
Jumlah Keseluruhan :				948.136.200
Terbilang :				

Mengetahui/Menyetujui :
an. Pemimpin BLU
Plt. Pejabat Keuangan

Bandung, Nopember 2021
Pengusul,
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Menyetujui:
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