

Budget Plan for Purchasing of Components 1.1

Saturday, 7 August 2021
8:10 pm

BUDGET POOL 1:	Quantity	Price	Amount		BUDGET POOL 2:	Quantity	Price	Amount		BUDGET POOL 3:	Quantity	Price	Amount			
ARDUINO MEGA	1	499	499		ARDUINO MEGA	1	599	599		ARDUINO MEGA	1	599	599			
ARDUINO NANO	1	220	220		ARDUINO NANO	1	199	199		ARDUINO NANO	1	180	180			
OLED DISPLAY (128x32)	1	133	133		OLED DISPLAY (128x32)	1	133	133		OLED DISPLAY (128x32)	1	133	133			
OLED DISPLAY (128x64)	1	242	242		OLED DISPLAY (128x64)	1	242	242		OLED DISPLAY (128x64)	1	242	242			
Keypad	2	55	110		Keypad	2	99	198		Keypad	2	99	198			
Kimat one wire keypad module	2	68	136		Kimat one wire keypad module	2	68	136		Kimat one wire keypad module	2	68	136			
30 amp 5v Relay	1	198	198		30 amp 5v Relay	1	100	100		30 amp 5v Relay	1	290	290			
PZEM-004TAC Voltage and Current Sensor	1	350	350		PZEM-004TAC Voltage and Current Sensor	1	494	494		PZEM-004TAC Voltage and Current Sensor	1	392	392			
LM2956 Buck Converter	1	57	57		LM2956 Buck Converter	1	155	155		LM2956 Buck Converter	1	80	80			
Printed circuit board (PCB)	2	30	60		Printed circuit board (PCB)	2	30	60		Printed circuit board (PCB)	2	30	60			
Sim800L GSM Module	1	96	96		Sim800L GSM Module	1	136	136		Sim800L GSM Module	1	285	285			
Connecting wires (female to male)	1	69	69		Connecting wires (female to male)	1	49	49		Connecting wires (female to male)	1	49	49			
Resistors	1	50	50		Resistors	1	50	50		Resistors	1	50	50			
NRF24L01 module and adapter	2	49	98		NRF24L01 module and adapter	2	67	134		NRF24L01 module and adapter	2	47	94			
	2	84	168			2	84	168			2	84	168			
SD card Socket Module	2	35	70		SD card Socket Module	2	64	128		SD card Socket Module	2	64	128			
2gb SD card	2	180	360		2gb SD card	2	199	398		2gb SD card	2	199	398			
DS3231 RTC Real Time Clock module with battery	1	85	85		DS3231 RTC Real Time Clock module with battery	1	155	155		DS3231 RTC Real Time Clock module with battery	1	155	155			
Heavy Duty Ground Plug 20A-250V	1	70	70		Heavy Duty Ground Plug 20A-250V	1	70	70		Heavy Duty Ground Plug 20A-250V	1	70	70			
CMART Electrical Plug 2 Prong Receptacle Plug Power Plug Adaptor 250V 10A	1	25	25		CMART Electrical Plug 2 Prong Receptacle Plug Power Plug Adaptor 250V 10A	1	25	25		CMART Electrical Plug 2 Prong Receptacle Plug Power Plug Adaptor 250V 10A	1	25	25			
AC Stranded Wire	1	120	120		AC Stranded Wire	1	120	120		AC Stranded Wire	1	120	120			
5V/3A 3V/1A 18650 Battery Shield V8 Mobile Power Bank Extension Board Module for Arduino RaspberryPi	1	202	202		5V/3A 3V/1A 18650 Battery Shield V8 Mobile Power Bank Extension Board Module for Arduino RaspberryPi	1	202	202		5V/3A 3V/1A 18650 Battery Shield V8 Mobile Power Bank Extension Board Module for Arduino RaspberryPi	1	202	202			
Stranded wires (Connecting wires)	1	100	100		Stranded wires (Connecting wires)	1	100	100		Stranded wires (Connecting wires)	1	100	100			
N-channel mosfet	1	48	48		N-channel mosfet	1	60	60		N-channel mosfet	1	95	95			
AC-DC 100-240V To 5V 2A 2000MA Switching Power Supply Module	2	92	184		AC-DC 100-240V To 5V 2A 2000MA Switching Power Supply Module	2	72	144		AC-DC 100-240V To 5V 2A 2000MA Switching Power Supply Module	2	72	144			
		Total:	3750				Total:	4255				Total:	4393			
		Equal division-per person (/6):	625				Equal division-per person (/6):	709.17				Equal division-per person (/6):	732.17			

[illegible]