Elecrtonic Technical Castle

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Date: 16 / 1 / 2021

Sales Quotation

Quotation valid until: 23/1/2021
prepared by: AbdELRahman Gamiel

To: SeaVo

We are pleased to quote you the following:

Item	Cost Estimate	notes
Software		
Long Press on the Red button to Turn On		
Press 2 buttons at the same time to access the Settings		
Navigate between settings using Up and Down Button		
2 Buttons for Enter and Back		
In settings: Driving Modes (Kids - ECO - Hyper- Test*) Eco is default		
In settings: One hand mode on/Off (Off by default and not an option in kids' mode)		
Max Speed Level should be determined before RUN		
Pump runs automatically after a certain temp. TBD		
In settings: Board Run Time		
Current and voltage sensing		
Water pump program		
Storing data in EEPROM		
Software total	**10500 LE**	
Hardware		
Architecture.		
Design power circuit.		
Design controlling circuit.		
Design current and voltage sensing circuit.		
Design temperature monitoring circuit and thermistors.		
Handling communication circuit.		
Design PCB layout.		
Implementation		
Printing & assembling.		Dry film technique.
Implementation.		

If you have any questions or comments, please do not hesitate to contact us

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Integration & testing with firmware		
Wiring		
Hardware total	**17000 LE**	
Field test		Will be defined after lab test
Total		

- **Note:**
  - Quotation is **not including component's or modules cost.**
  - **Time Estimated**: 2 months (working days) in case all components and modules are available.
  - **Software phase is** <mark>pending</mark>.
  - **Hardware phase started with Down Payment** <mark>10000 LE</mark>.

NO	PER	Task	Estimated time	unit
1	20%	Architecture	1	Week
2	0%	Design power circuit		Week
3	0%	Design controlling circuit		Week
4	0%	Design current and voltage sensing circuit	1	Week
5	0%	Design temmperature montoring circuit and thermistors		Week
6	0%	Handling comunication circuit		Week
7	0%	Design PCB layout	1	Week
8	0%	Printing and assebling	2	Week
9	0%	Implementation	1*	Week
			5	Week
		***note:** this phase depends on all components avability		

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