



Shanmugaraj AM <shanmugar.ceaf@velsuniv.ac.in>

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## NRB Project recommendation-VISTAS

4 messages

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Wed, Oct 10, 2018 at 10:54 AM

Dear PI,

NRB is glad to intimate that your proposal : “**Novel Self-Healing Polymers for High Energy Density, Long Cycle Life Lithium-ion (Li-ion)/Lithium-Sulfur (Li-S) Batteries**” is **recommended** by the Panel during the review meeting on 04 Oct 2018 as exploratory study for **one year duration** with **budget of Rs. 6 Lakhs** with funds under only contingency, travel & consumables.

You are requested to forward the hard copy of the revised proposal as per the recommendation of the panel & checklist attached herewith, **within 15 days** for sanction of the project. Soft copy (word format) may sent on NRB mail.

All the justification & Quotation needs to be provided as per the checklist.

**Regards**  
**Jai Prakash**  
**Jt. Director**

### **Naval Research Board (NRB)**

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**Rajaji Marg, New Delhi- 110 011.**  
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DST/TMD/MES/2K17/39 (G)  
Government of India  
Ministry of Science and Technology  
Department of Science and Technology

Technology Bhavan  
New Mehrauli Road  
New Delhi-110 016  
Date: 25.06.2018

Sanction Order

Subject: Financial support for project entitled "Development of high energy and high power density fuel cell supercapacitor" submitted by Dr. Raghu Subash Chandrabose, Vels Institute of Science, Technology and Advanced Studies (VISTAS) chemistry, Pallavaram, Chennai.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs. 66,88,000/- (Rupees Sixty six Lakh Eighty eight Thousand Only) for a duration of 2 years. The detailed breakup of the grant for General as well as Capital Components is given below:-

General Component: Rs. 31,88,000/-

Capital Component: Rs. 35,00,000/-

S.NO	Item Head	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	Total (Rs.)
A.	Non-recurring (Capital Items)			
1.	Permanent Equipment's	32.0 lakhs		32.0 lakhs
2.	Plant cost/Fabricated systems /Demonstration models		3.0 lakhs	3.0 lakhs
	<i>Subtotal (capital items)</i>	32.0 lakhs	3.0 lakhs	35.0 lakhs
B.	Recurring Items (General)			
1.	Manpower	3.90 Lakhs	3.90 Lakhs	7.8 Lakhs
2.	Consumables	8.00 Lakhs	7.00 Lakhs	15.00 Lakhs
3.	Contingencies	0.5 lakhs	0.5 lakhs	1.0 lakhs
4.	Travel	0.5 lakhs	0.5 lakhs	1.0 lakhs
5.	Other Costs(Outsource work etc.),if any	0.5 lakhs	0.5 lakhs	1.0 lakhs
	Institute Overhead (10 %)	4.54 lakhs	1.54 lakhs	6.08 lakhs
	<i>Subtotal(General)</i>	17.94 lakhs	13.94 lakhs	31.88 lakhs
C.	Total cost of the project (A+B)	49.94 lakhs	16.94 lakhs	66.88 Lakhs