



## **ABSTRACT**

Forests – TANII – State Innovation fund – proposal under Innovative schemes for 2019-2020 (2<sup>nd</sup> round) - Development and validation of cost effective value added nursery bags and compostable hycopots at total cost of Rs.40.25 lakhs – Approved by State Planning Commission - – Orders – Issued.

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### **Environment and Forests (FR.6) Department**

G.O.(2D)No:07

Dated : 03.02.2020

விகாரி, தை -20

திருவள்ளூர் ஆண்டு-2051

Read:

1. From the Principal Conservator of Forests Ref.No.J3/27063/2018, Dated:04.06.2019 and 01.08.2019.
  2. From the Member Secretary, State Planning Commission letter No.1600/ PC/SPC/2019, Dated: 28.11.2019.
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### **ORDER :**

The Principal Chief Conservator of Forests in his letter first read above among other things, has sent a proposal to the State Planning Commission to Implement the Schemes for Development and validation of cost effective value added nursery bags and compostable hycopots at total cost of Rs.40.25 lakhs under State Innovation Fund, during 2019-2020.

2. The Principal Chief Conservator of Forests in his proposal has stated that the project is intended towards the development of eco-friendly value added plastic composite for fabrication of nursery bags/hycopot. Compostability, moisture retention and nitrification (self fertilization) are the proposed value addition to the plastic composite. The proposed hycopots will gradually degrade in the soil with slow nitrification without leaching any hazardous substances to the soil. It will be made up of compostable plastic with natural resources material like coir pith, wood flour etc. which is cost effective and take the way for the effective utilization of natural resource based filler additives. He has also stated that the project will be supported by the CIPET: Institute of Plastics Technology (IPT), Chennai, and patent also proposed for this innovation.

3. The Member Secretary, State Planning Commission in the letter second read above has informed that after having discussion, the proposal of the Principal Chief Conservator of Forests, for development and validation of cost effective, value added nursery bags and compostable hycopots at Rs.40.25 lakh has been recommended for assistance under TANII, during 2019-2020 (2<sup>nd</sup> round) for a period of one year with remarks that the Forest Department has to work out the cost components of the large scale projection, relative cost effectiveness and also to mention the cost per unit.

4. The Government have carefully examined the proposal of the Principal Chief Conservator of Forests in detail and sanction a sum of Rs. 40.25 lakhs (Rupees Forty lakh and twenty five thousand only) for development and validation of cost effective, value added nursery bags and compostable hycopots under State Innovation Fund as detailed in the annexure to this order, during 2019-20 (2<sup>nd</sup> round) for a period of one year and the Principal Chief Conservator of Forests is instructed to work out the cost components of the large scale production, relative cost effectiveness and also to mention the cost per unit

5. (i) The expenditure sanctioned in para 4 above shall be debited to the following head of account:-

2406 – Forestry and Wildlife – 01 – Forestry – 003 – Education and Training – State’s Expenditure – AG – Development and validation of cost effective, value added nursery bags and compostable hycopots under State Innovation Fund – 09 Grants-in-Aid – 03 – Grants for Specific Schemes  
(DPC: 2406-01-003-AG-0936)  
(IFHRMS: 2406-01-003-AG -30903)

(ii) The expenditure shall be met from the State Innovation Fund by deducting under the following head of account:-

2406 – Forestry and Wildlife – 01 – Forestry – 902 – Deduct – Amount met from Reserve Fund - State’s Expenditure – JA – Deduct – Amount met from State Innovation Fund – 330 – Inter – Account Transfers – 01 – Inter – Account Transfers  
(DPC: 2406-01-902-JA-3001)  
(IFHRMS: 2406-01-902-JA-33001)

And Contra- debiting the following fund account:-

“J – Reserve Fund – (b) Reserve funds not bearing interest  
8229 – 00 – Development Welfare Funds – 200 – Other Development and Welfare Funds – BE – State Innovation Fund  
(Old DPC: 8229-00-200-BE-0006) (Outgo)  
(IFHRMS DPC: 8229-00-200-BE-80202) (Outgo)

6. The Principal Chief Conservator of Forests is the Estimating, Reconciling and Controlling authority for the above Head of account indicated at para 5 above.

7. The expenditure sanctioned in para 4 above i.e. Rs.40.25 lakh has already been provided in the second supplementary Estimates of Demands for Grants for further Expenditure 2019-2020.

8. The Principal Chief Conservator of Forests is authorized to incur the expenditure sanctioned above. He is requested to ensure that the amount sanctioned above is utilized in full during 2019-2020 for the purpose approved by the State Planning Commission and send the Utilization Certificate as soon as the work is completed.

9. This order issues with the concurrence of the Finance Department vide its U.O.No.66853/AHD&F/2019, dated 29.01.2020.

**(BY ORDER OF THE GOVERNOR)**

**SHAMBU KALLOLIKAR  
PRINCIPAL SECRETARY TO GOVERNMENT**

To

The Principal Chief Conservator of Forests (Head of Department),  
Chennai-15.

The Accountant General, Chennai-18.

The Accountant General (Audit), Chennai-18.

The Pay & Accounts Officer (South), Chennai-35.

The Pay and Accountant Officer/Treasury Officers concerned  
through the Principal Chief Conservator of Forests, Chennai-15.

Copy to:-

The Member Secretary,

State Planning Commission, Chennai-5.

The Finance (B.G.II/AHD&F/BG-I/ BG-II ) Department, Chennai-9.

The Planning, Development and Special Innovation Department, Chennai-9.

The Senior Private Secretary to the Principal Secretary to Government,

Environment and Forests Department, Chennai-9.

Environment and Forests (FR.7) Department, Chennai-9.

The National Informatic Centre, Chennai-9.

The RAO. Chennai-9

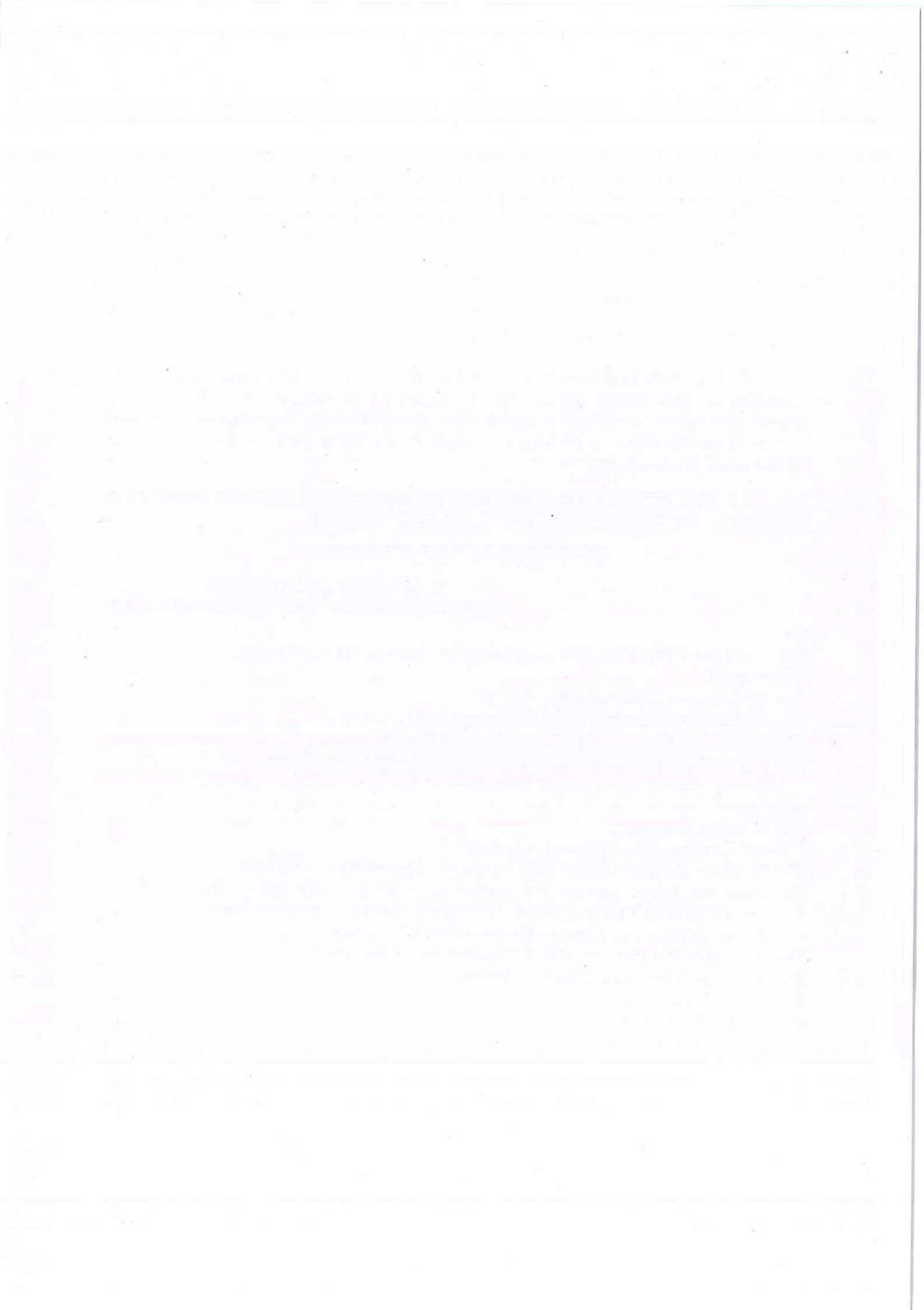
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// FORWARDED BY ORDER //

S. Mongel  
4/2/2020  
SECTION OFFICER

Pl.  
21/02/2020

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**E&F (FR.6) Dept.**

**Annexure to G.O.(2D).No.07, Environment and Forests (FR.6) Department**

**Dated: 03.02.2020.**

S.No.	Description	Amount (Rs.)
1.	Consumables (compostable plastics, Natural fibers, wood flour, chemicals for surface treatment of filters compatibilizers, organic fertilizers etc.)	8,00,000.00
2.	Development of composites (various formulations)	8,00,000.00
3.	Testing of composites (Moisture retention capacity, compostability in soil, Leaching elements, Nutrifcation of soil and content by the organic fertilizers etc)	7,00,000.00
4.	Field trails (Production of hycopots - 5000 Nos.)	12,00,000.00
5.	Total	35,00,000.00
6.	Overhead @ 15%	5,25,000.00
	<b>Grand Total</b>	<b>40,25,000.00</b>
<b>Rupees Forty lakh and twenty five thousand only</b>		

**SHAMBU KALLOLIKAR  
PRINCIPAL SECRETARY TO GOVERNMENT**

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*S. Mayal*  
*4/2/20*  
SECTION OFFICER

*Rk*  
*04/02/2020*

*2/24*

