

No. BT/PR20657/BPA/118/206/2016
 GOVERNMENT OF INDIA
 MINISTRY OF SCIENCE & TECHNOLOGY
 DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
 CGO Complex, Lodhi Road,
 New Delhi- 110 003
 Dated: 19/02/2018

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled: "**Root Development Related Signaling Networks: Role of At N-myc Downregulated Like Proteins and Interacting Partners**" for a period of 3 Year 0 Month at a total cost of Rs. **4987800** (Rupees Forty Nine Lakhs Eighty Seven Thousand Eight Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "**Root Development Related Signaling Networks: Role of At N-myc Downregulated Like Proteins and Interacting Partners**"

2.2 Details of the Investigators:

Dr. Yashwanti Mudgil

Assistant Professor
 Department of Botany
 University of Delhi, North Campus
 New Delhi - 110007

CO-PI:

Dr. Priya Panjabi

Assistant Professor
 Botany Department
 University of Delhi,
 North Campus, New Delhi - 110007, Delhi

2.3 Objectives:

1. To confirm the physical interaction of the selected PNIR involved in root development in *Arabidopsis thaliana* with NDL1.
2. To confirm the physical interaction of the selected PNTR involved in root development in *Arabidopsis thaliana* with NDL1.
3. Characterization of roles of the selected novel PNTRs in NDL1 regulated lateral root formation.

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order

Mohana Kumar

5. Project Cost:

The total cost of the project is Rs. **4987800/-** (Rupees: Four, Nine Lacs Eighty Seven Thousand Eight Hundred Only) as per details given below.

Budget Head	Year I	Year II	Year III	Total (Rs.)
Equipment	1971000.00			1971000.00
Manpower	391000.00	390000.00	436000.00	1216000.00
Non-head	50000.00	50000.00	50000.00	150000.00
Contingency	20000.00	50000.00	50000.00	150000.00
Consumables	500000.00	500000.00	500000.00	1500000.00
Total (Rs.)	2961000.00	990000.00	1036800.00	4987800.00



2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The Non-Recurring expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2017-2018
3425 60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

Annexure -II

Details of the manpower sanctioned for the implementation of the project titled "Root Development Related Signaling Networks: Role of At N-myc Downregulated Like Proteins and Interacting Partners":

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
Junior Research Fellow - 30% PRA pm Gross: 25,000/-	1	390000.00	390000.00		780000.00
Senior Research Fellow - 30% PRA pm Gross: 28,000/-	1			436800.00	436800.00
Total(Rs.)		390000.00	390000.00	436800.00	1216800.00

Emoluments detail of research personal(s) mentioned in table(s) of Annexure II shall be applicable only if candidate(s) met educational qualification and eligibility criteria as per DST OM No SR/S3/Z-09/2012 dated 21.10.2014.



(Dr. Meenakshi Munshi)
Scientist 'G'