

INT/NOR/RCN/NS/P-01/2019
Government of India
Ministry of Science and Technology
Department of Science & Technology
(International Bilateral Cooperation Division)

Technology Bhavan, New Mehrauli Road
New Delhi-110016
Date: 31/12/2020

ORDER

Subject: Implementation of Indo-Norway Joint project entitled: **"Nanodos - synthesis of nano-phosphors and spin-trapping nano-crystals as energy-independent dosimeters for radiotherapy beams"** coordinated by Dr. Anant Pandey Sri Venkateswara College, University of Delhi, Dhaura Kuan, New Delhi with the Norwegian partner Prof. Eirik Malinen, from Norway - regarding.

Sanction of the President is hereby accorded for incurring an expenditure not exceeding **Rs.32,55,211/- (Rupees Thirty Two Lakh Fifty Five Thousand Two Hundred Eleven Only)** for implementation of the Indo-Norway joint project entitled **"Nanodos - synthesis of nano-phosphors and spin-trapping nano-crystals as energy-independent dosimeters for radiotherapy beams"** coordinated by Dr. Anant Pandey Sri Venkateswara College, University of Delhi, Dhaura Kuan, New Delhi India in collaboration with Prof. Eirik Malinen, from Norway for a total duration of 3 years from the date of issue of the sanction order. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component	:	Rs. 32,55,211/-
Capital Component	:	Rs. Nil

2. As per the terms and conditions, agreed by both side, under the project the sending side will bear the cost related to the international air travel, medical insurance and visa charges whereas the receiving side shall bear the cost of accommodation, hospitality and local travels of the visiting scientist. The break-up of approved expenditure is as indicated below :

Headings	Estimated expenditure(s)				
	1st year(initial 6 months)	1st year(Later 6 months)	2nd year	3 rd year	Total
1. Expenses for Indian scientists to visit Norway under the project International air-fare (by IATA excursion/ economy class by shortest route) including surface travel from place of work in India to place of work in Norway & back; Visa charges. Medical insurance cover.	Nil	4 visits 14,14,14 & 14 days 2,80,976/-	2 visits 14 & 14 days 1,40,488/-	Nil	6 visits 84 days 421,464/-
2. Expenses for Norway scientists to visit India under the project (i) Per-diem charges @ Rs. 2,500/- per day (ii) Accommodation charges	Nil	2 visits 14 & 14 days 70,000/- 1,12,000/-	2 visits 14 & 14 days 70,000/- 1,12,000/-	2 visits 14 & 14 days 70,000/- 1,12,000/-	6 visits 84 days 2,10,000/- 3,36,000/-
3. Scientific Manpower (01- JRF/SRF)	3,90,000/-	Nil	3,90,000/-	4,36,800/-	12,16,800/-
4. Spare parts and consumables	2,50,494/-	Nil	2,50,494/-	250,495/-	751,483/-
5. Workshop	Nil	Nil	Nil	Nil	Nil
6. Contingency	50,000/-	Nil	50,000/-	50,000/-	1,50,000/-
7. Over head 8 %	55,240/-	Nil	55,240/-	58,984/-	1,69,464/-
Total	7,45,734/-	462,976/-	10,68,222/-	9,78,279/-	32,55,211/-

Mr. H. V. S.