



भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
विज्ञान और प्रौद्योगिकी विभाग  
टेक्नोलॉजी भवन, महारौली मार्ग  
नई दिल्ली-110 016



GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD  
NEW DELHI-110 016

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INT/RFBR/P-18

Date: 25-09-08

**ORDER**

Implementation of Indo-Russian Project entitled “**Brane World Cosmology with Quintessence, Phantom Fields Dark Matter and Dark Energy, effectively described by Non-linear Sigma Models**” coordinated by Dr. M. Sami, Centre for Theoretical Physics, Jamia Millia Islamia, New Delhi with his Russian counterpart Prof. Chervon Sergey Viktorovich, Department of Theoretical Physics, Ulyanovsk State University, Ulyanovsk under the MoU with Russian Foundation for Basic Research (RFBR).

Sanction of the President is hereby accorded for an Indo-Russian Joint Project entitled “**Brane World Cosmology with Quintessence, Phantom Fields Dark Matter and Dark Energy, effectively described by Non-linear Sigma Models**” under the MoU with Russian Foundation for Basic Research (RFBR) at a total cost of Rs. 8,93,640/- (**Rupees Eight lakhs ninety three thousand six hundred forty only**) for a period of two years as under:-

Item of Expenditure	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	Total
(i) Consumables	Rs. 20,000/-	Rs. 20,000/-	Rs. 40,000/-
(ii) Contingency	Rs. 10,000/-	Rs. 10,000/-	Rs. 20,000/-
(iii) Manpower: (one JRF @ Rs. 12,000/- + 30% HRA/ months)	Rs.1,87,200/-	Rs.1,87,200/-	Rs. 3,74,400/-
(iv) <u>Exchange visits</u> (Break up for proposed expenditure as per para 4)			
Indian Scientists to Russia 2 visits per year	Rs. 1,38,000/-	Rs. 1,38,000/-	Rs. 2,76,000/-
Russian Scientists to India 2 visits per year	Rs. 60,000/-	Rs. 60,000/-	Rs. 1,20,000/-
<b>Sub-total (A)</b>	<b>Rs. 4,15,200/-</b>	<b>Rs. 4,15,200/-</b>	<b>Rs. 8,30,400/-</b>
<b>B: Institutional Overhead:</b> (10% on Sl. No. i to iii and 5% on sl. No. iv)	Rs. 31,620/-	Rs. 31,620/-	Rs. 63,240/-
<b>Total (A+B)</b>	<b>Rs. 4,46,820/-</b>	<b>Rs. 4,46,820/-</b>	<b>Rs. 8,93,640/-</b>

Sanction of the President is hereby accorded for release of 1<sup>st</sup> instalment Rs. 4,46,820/- (**Rupees Four lakhs forty six thousand eight hundred twenty only**) to Registrar, Jamia Millia Islamia, New Delhi, DDO DST will draw the amount of Rs. 4,46,820/- (**Rupees Four lakhs forty six thousand eight hundred twenty only**) from PAO DST Ministry of Science & Technology and electronically transfer the fund as per institute accounts details copy enclosed.

2. The Project will be coordinated by Dr. M. Sami, Centre for Theoretical Physics, Jamia Millia Islamia, New Delhi and Prof. Chervon Sergey Viktorovich, Department of Theoretical Physics, Ulyanovsk State

*P. Sami*

University, Ulyanovsk from Indian and Russian side respectively and will be presumed to commence from the date of issue of this sanction.

3. Dr. M. Sami, Centre for Theoretical Physics, Jamia Millia Islamia, New Delhi is required to submit technical progress report periodically (at least once in six months) and a final report at the end of project.

4. As and when required, proposal for a visit under the project should be sent to DST at least six weeks prior to the initiation of the visit. The grant for exchange visit is to be operated subject to the condition that the prior approval of this Department would be obtained on all project related visits to be undertaken by the scientists from either side in connection with the implementation of the project on a case to case basis before any expenditure is incurred in this regard. Break up for Proposed expenditure on each exchange visit will be calculated broadly as below:

**For Indian Scientist visiting Russia** (for an average duration of two weeks)

a	Internacional Fare (DEL-Ulyanovsk-DEL) by excursión class	Rs. 55,000/-
b	Additional per diem @ US\$ 14.06 per day (on average of 2 weeks 14 x 14.06 x 50)	Rs. 9,000/-
c	Medical Insurance (silver class)	Rs. 1,000/-
d	Domestic travel related to Russia visit	Rs. 1,000/-
e	Single entry Russian visa fee (if applicable)	Rs. 3,000/-
	<b>Total</b>	<b>Rs. 69,000/-</b>

**For Russian Scientist visiting India** (For an average per diem of two weeks)

a	Per diem @ Rs.1,000/- x 14 days (subject to actual duration of stay)	Rs. 14,000/-
b	Accommodation @ Rs.1,000/- x 14 days (On actual basis)	Rs. 14,000/-
c	Local transport	Rs. 2,000/-
	<b>Total</b>	<b>Rs. 30,000/-</b>

5. Local hospitality cost for the stay of Indian scientists in Russia for the total duration is to be met by the receiving side as per the provision of MoU between Department of Science & Technology and Russian Foundation for Basic Research.

6. As per MOF instructions, the air travel both domestic and overseas, on official account would now be permissible on airlines other than Air India/Indian Airlines also, provided the criteria for selecting the alternative airline for official travel are based on better and more competitive prices being offered by the other airlines. Various incentive schemes and concessional fares offered by Air India/Indian Airlines will also be fully utilized.

7. No re-appropriation will be allowed from one item/sub head of expenditure to another item sub head of expenditure and copies of claims may be called by DST if required. This sanction order has been issued in current financial year 2008-09 and is valid upto 31-03-09 only. For incurring any expenditure in next financial year (year 2009-10), PI should apply to DST for carry forward of unspent balance to 2009-10 during April 2009 for seeking carry forward approval/sanction order. Indian Project coordinator should furnish the requisite utilization certificate immediately at the end of the each financial year (ending 31<sup>st</sup> March) along with the audited statement of expenditure and progress report.



8. The account of the grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institution is called upon to do so, as laid down under Rule 211 (i) of General Financial Rules.

9. The expenditure involved is debit to Demand No. 83-Department of Science and Technology Major Head-3425 B-Other Scientific Research 60 others Minor Head 60.798 International Co-operation S&T Co-operation with other Countries 12.00.31 Grants-in-aid ILTP during the current financial year 2008-09(P.L.A.N.).

10. This issues under the delegated powers to the Minister/Departments and with approval of Integrated Finance Division vide San No.100/IFD/3962/2008-09 dated 23-09-08.

  
(Rajiv Kumar)  
Scientist C

To,  
The Pay & Accounts Officer, Department of Science & Technology, New Delhi-110016

**Copy to:**

1. Principal Director of Audit, AGCR Bldg., IP Estate, New Delhi-110002
2. Cash Section (3 copies), DST
3. I.F. Division/Accounts Section, DST
4. Sanction Folder
5. Dr. M. Sami, Centre for Theoretical Physics, Jamia Millia Islamia, New Delhi-110025
  - There is provision for manpower in the project. For recruitment of manpower there should be a nominee from DST also in selection committee. As soon as some one is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of JRF are coterminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project.
6. Registrar, Jamia Millia Islamia, New Delhi-110025
  - There is provision for manpower in the project. For recruitment of manpower there should be a nominee from DST also in selection committee. As soon as some one is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of JRF are coterminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project.
7. Account Officer, Jamia Millia Islamia, New Delhi-110025
8. Head (International Division) DST
9. Project File

  
(Rajiv Kumar)  
Scientist C