

No. IMRC/AISTDF/R&D/P-05/2017

**AISTDF Secretariat  
Science and Engineering Research Board**

**5 & 5A, Lower Ground Floor  
Vasant Square Mall, Sector-B, Pocket-5  
Vasant Kunj, New Delhi- 110070**

Dated: 17.01.2020

**ORDER**

1. In continuation of this Sanction order of even no. dated 01.02.2018 approval of the competent authority is hereby accorded to recise the **total cost of the project from Rs. 18,07,080/- to Rs. 20,70,628/-** in connection with the implementation of the ASEAN-India collaborative R&D research project entitled, "Design and development of novel optoelectronic devices for high-speed reconfigurable optical access networks".

2. The revision in the total cost of project is on account of the following:

(i) Increase in the fellowship amount as per OM SR/S9/Z-08/2018 w.e.f. 01.01.2019. Revision of Total

Research Expenses (Indian Partner) from Rs.10,29,600/- to Rs.11,85,360/-.

(ii) Revision in total travel cost from Rs.7,26,000/- to Rs.8,26,000/-.

(iii) Revision in the Overhead amount from Rs.51,480/- to Rs.59,268/-.

3. The sanction of competent authority is also accorded for release of **Rs. 1,50,000/-** and this amount will be drawn by the Under Secretary, SERB-AISTDF Secretariat and will be disbursed through RTGS as per the details given below:

Account Name	Director, SLIET
Account Number	1688335346 ✓
Account Name & Branch	Central Bank of India, SLIET Campu Longowal, Punjab
IFSC/RTGS Code	CBIN0283105

4. The expenditure involved a debit to "ASEAN-India Science & Technology Development Fund (AISTDF)- Recurring Head".

5. The institute will maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The interest earned should be reported to AISTDF Secretariat/ SERB while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

Cont next page/-

17/1/2020

6. The accounts 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 in Rule 150 of General Financial Rules.

7. The sanction has been issued with the approval of the competent authority under delegated power and vide diary No: SERB/F/8956/2019-20 dated: 21/01/2020.



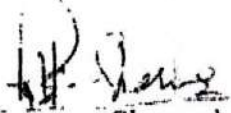
(Raj Kumar Sharma)

Scientist 'F', IMRC, DST & Member Secretary, AISTDF

To  
Under Secretary,  
Science & Engineering Research Board,  
AISTDF Secratariat  
New Delhi -110070

Copy to:

1. Office of the Principal Director & Audit IIIrd Floor, AGCR Bldg., IP Estate, New Delhi
2. The Director, Sant Longowal Institute of Engineering & Technology, Longowal, Punjab.
3. Prof. Surinder Singh, Dept of ECE, Sant Longowal Institute of Engineering & Technology, Longowal.
4. Sanction folder.



(Raj Kumar Sharma)

Scientist 'F', IMRC, DST & Member Secretary, AISTDF

**AISTDF Sec1  
Science & Engineering Res (SERB)  
Vasant Square Mall, Vasant Kunj,**

**No. IMRC/AISTDF/R&D/P-5/2017**

**New Delhi- 110067  
Dated: 01-02-2018**

**ORDER**

Approval of the Chairman AISTDF (Secretary DST) is hereby accorded for implementation/execution of the ASEAN-India Collaborative research project entitled "Design and development of novel optoelectronic devices for high-speed reconfigurable optical access networks" for a period of 3 years from date of issue of this sanction order.

2. The composition of the project team(s) is as below:

<u>Indian side</u>	<u>ASEAN side side</u>
Dr. Surinder Singh, Professor, Dept. of ECE, Sant Longowal Institute of Engineering and Technology, Longowal, Punjab, India	1. Dr. Quang Minh, Principal Investigator and Head of Laboratory of Materials and Engineering of Optical Fibers, Institute of Materials Science, 18 Hoang Quoc Viet, Cau Giay-100955, Hanoi, Vietnam. 2. Dr. Amin Malekmohammadi, Department of Electrical and Electronic Engineering, University of Nottingham Malaysia, Malaysia Campus 43500 Semenyih Selangor Darul Ehsan Malaysia.

3. The change/ replacement of project participants is not allowed. The participating scientists should be working on the project and affiliated with the Institute/University holding the indicated position at the time of start of the project as well as at the time of exchange visits under the project. The project grant can be utilized only for the approved items /visits of participating scientists, as mentioned above.

4. The break-up of estimated expenditure is as indicated below-

4.1 Mobility expenses : **(Indian side) From India to ASEAN MS-1(Vietnam)**

Year	Name of the visitor and duration of visit	International air-fare, visa fee, overseas insurance etc (on actual)	Accommodation, per-diem etc. (all inclusive)	Total
1 <sup>st</sup>	Dr. Surinder Singh (14 days)	45,000/-	84,000/- (6000x14)	1,29,000/-
2 <sup>nd</sup>	JRF (to be appointed) (30 days)	45,000/-	1,50,000 (5000x30)	1,95,000/-
3 <sup>rd</sup>	NIL			
			<b>Total</b>	<b>2,24,000/-</b>

4.2 Mobility expenses: **(Indian side): From India to ASEAN MS-2 (Malaysia)**

Year	No. and duration of each visit	International air-fare, visa fee, overseas insurance etc (on actual)	Accommodation, per-diem etc. (all inclusive)	Total
1 <sup>st</sup>	NIL			
2 <sup>nd</sup>	NIL			
3 <sup>rd</sup>	JRF (14 days)	45,000/-	70,000/-	1,15,000/-
			<b>Total</b>	<b>1,15,000/-</b>

Cont next page/-



**4.3 Research expenses (Indian partner)**

Year	Accessories/ appliances etc.	Chemicals & Consumables	Project scientific manpower	Total
1 <sup>st</sup>	NIL	NIL	One-JRF @25,000/- plus HRA@10% (Rs. 27,500/-PM)	3,30,000/-
2 <sup>nd</sup>	NIL	NIL	One-JRF @25,000/- plus HRA@10% (Rs. 27,500/-PM)	3,30,000/-
3 <sup>rd</sup>	NIL	NIL	One-SRF @28,000/- plus HRA@10% (Rs. 30,800/-PM)	3,69,600/-
			<b>Total</b>	<b>10,29,600/-</b>

**4.4 Mobility expenses (visits from ASEAN MS-1 to India)**

Year	Name of the visitor and duration of each visit	International air-fare and overseas insurance etc (on actual)	Accommodation, per- diem etc (all inclusive)	Total
1 <sup>st</sup>	Dr.Quang Minh (14 days)	45,000/-	84,000/-	1,29,000/-
2 <sup>nd</sup>	Dr.Quang Minh (14 days)	45,000/-	84,000	1,29,000/-
3 <sup>rd</sup>	NIL			
			<b>Total</b>	<b>2,58,000/-</b>

**4.5 Mobility expenses (visits from ASEAN MS-2 to India)**

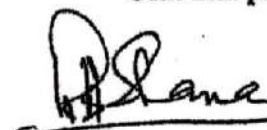
Year	Name of the visitor and duration of each visit	International air-fare and overseas insurance etc (on actual)	Accommodation, per- diem etc. (all inclusive)	Total
1 <sup>st</sup>	NIL			
2 <sup>nd</sup>	NIL			
3 <sup>rd</sup>	Dr. Amin Malekmohammad (14 days)	45,000/-	84,000/-	1,29,000/-
			<b>Total</b>	<b>1,29,000/-</b>

<b>Total (Travel costs ie Tables 4.1+4.2+4.4+4.5)</b>			<b>7,26,000/-</b>
<b>Total (non-travel expenses ie Table 4.3)</b>			<b>10,29,600/-</b>
<b>Over-head expenses (5% of the non-travel expenses)</b>			<b>51,480/-</b>
<b>Grand Total</b>			<b>18,07,080/-</b>

5. Sanction of the Chairman-AISTDF (Secretary DST) is also accorded for the release of **Rs. 6 Lakh (Rupees Six Lakh only)** as an initial installment for incurring expenditure during the first year of the project and payment of this amount may be made electronically to the Indian institute as per the bank account details given below-

<b>Account name</b>	<b>Director, SLIET</b>
<b>Account Number</b>	<b>1688335346</b>
<b>Bank and Branch</b>	<b>Central Bank of India, SLIET Campus, Longowal Punjab</b>
<b>IFSC Code</b>	<b>CBIN0283105</b>

Cont next page/-



6. The release of this grant is subject to:-
- No re-appropriation of funds from one sub-head to another is allowed.
  - Obtaining prior approval of the AISTDF Secretariat for all project related visits to be undertaken by the scientist(s) from the either side in connection with the implementation with of this project, separately in prescribed format (attached), at-least 4 weeks in advance before incurring any expenditure for this purpose.
  - Submission of Utilization Certificate (UC) and a Statement of Expenditure (SE) along with up to date progress report at the end of each financial year for the grants already received under the project and seeking specific approval of this Department for carry forward of unspent funds to the next financial year for utilization under the project
  - The international / domestic air-travel pertaining to visits under this project is to be performed only by lowest economy and shortest route.
  - The grantee Institute/ University shall maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The Interest earned should be reported to AISTDF while submitting the SE/UC. The Interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of grant.
7. The accounts 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 of General Financial Rules. The expenditure involved is to be debited "AISTDF-R&D-GIA-Recurring " sub-head of the ASEAN-India Science & Technology Development Fund (AISTDF) during the current financial year 2017-18.
9. This issues under the delegated powers to the Ministries/Departments and with the approval of Chairman, AISTDF (Secretary, DST) and financial concurrence of Director (Finance) AISTDF vide San no. 100/F8889/2017-2018 dated 31-01-2018.

  
(R K SHARMA)

Scientist-E & Secretary AISTDF

To,  
The Accounts Officer,  
AISTDF Secretariat- SERB,  
New Delhi-110067

Copy to -

- 1) Dr. Surinder Singh, Professor, Dept. of ECE, Sant Longowal Institute of Engineering and Technology, Longowal, Punjab, India
- 2) The Director, Sant Longowal Institute of Engineering and Technology, Longowal, Punjab, India
- 3) The Director (Finance)- AISTDF, SERB, New Delhi
- 4) Sanction folder.

  
(R K SHARMA)

Scientist-E & Secretary AISTDF