

Government of India
Ministry of Shipping
(Development Wing)

Transport Bhawan
1, Parliament Street
New Delhi-110001

No. DW-01011/1/2019-Development Wing

Dated: 9th October, 2020

To,

Dr. Pramod Kumar Gupta,
Professor, Structural Engineering,
Department of Civil engineering,
Indian Institute of Technology Roorkee,
Roorkee – 247667

Sub: R & D Project on "Utility of High Strength Self Compacting Alkali Activated Slag Concrete (HS-SC-AASC) filled steel tubes in enhancement of strength and durability in Ports, Harbour and offshore structures" by IIT Roorkee - regarding.

Sir,

I am directed to convey the approval of the Central Government for undertaking the R & D project on the above subject at an estimated cost of ₹ 24,40,000/- (Rupees Twenty Four Lakh Forty Thousand only) by IIT Roorkee.

2. The main objective of the Research proposal is (i) Development of High Strength Self Compacting alkali activated slag concrete (HS-SC-AASC) filled steel tubes in enhancement of strength and durability in Ports, Harbours and Offshore Structures, (ii) Study of Mechanical proportion of Alkali Activated Slag Concrete at Micro Scale (iii) Study the behaviour of HS-SC-AASC filled steel tubes subjected to compressive loading suitable for port construction.

3. The duration of the project is two years. The phasing of expenditure is given below:

Year 2020-21	₹ 12.20	Lakh
Year 2021-22	₹ 12.20	Lakh

4. The sanction is subject to the condition/that it will be ensured that all purchases under the schemes are made on most competitive basis at reasonable price after following the prescribed procurement procedures as laid down in GFR, GOI.

5. The Project is stipulated with a period of completion of two years from the date of issue of the Administrative Approval.
6. The implementation of the project and utilization of funds is subject to the terms and conditions at Annexure- I.
7. This issues with concurrence of the Finance Wing vide Note#100 dated 23.09.2020.

Yours faithfully,



(Anil Pruthi)

Director (Engineering)

Tel: 011-23719031

Copy to:

1. The Pay & Accounts Officer (Control), Ministry of Shipping, IDA Building, Jamnagar House, New Delhi.
2. Internal Finance Wing, Ministry of Shipping.
3. Dr Sanjay Kumar Ghosh, Professor & Head, Department of Civil Engineering, Indian Institute of Technology Roorkee, Roorkee – 247667

**MINISTRY OF SHIPPING
(DEVELOPMENT WING)**

TERMS & CONDITIONS OF THE GRANT

- i) Approval of the research proposals and the grant being released is for the specific project sanctioned and should be exclusively spent on this project within the stipulated time. Any unspent part of the amount sanctioned would be surrendered to the Government of India. Any carry forward of funds to the next financial year for utilization for the same project may be considered only with the specific approval of Research Committee, constituted by the Ministry of Shipping.
- ii) For permanent, semi-permanent assets acquired solely or mainly out of the grant, an audited record in the form of register in the prescribed Proforma shall be maintained by the Institution. The term "assets" means (i) immovable property, and (ii) moveable property of a capital nature, where the value exceeds Rs. 1,000/-. The grant will not be utilized for construction of any building unless specific provision is made for this purpose.
- iii) All the assets acquired from the grant will be the property of the Government of India and should not, without the prior sanction of the Ministry of Shipping, be disposed off or encumbered or utilized for purpose other than those for which the grant has been sanctioned.
- iv) At the conclusion of the project, the Government of India will be free to sell or otherwise dispose off assets which are the property of the Government. The Institution shall render to Government necessary facilities for arranging the sale of these assets.
- v) The institution will furnish quarterly progress reports of the work on the project for the preceding quarter by 15th April, 15th July, 15th October and 15th January of each calendar year to the Assistant Director (Engineering), Ministry of Shipping, (Development Wing), New Delhi. In addition, appropriate persons may visit the Institution periodically for ascertaining the progress of the work and resolving any difficulties that might be encountered in the course of implementation. During the progress of the project, the Institution will provide all facilities to the Scientist/Specialist by way of accommodation etc. On completion of the grant/project, 20 (twenty) copies of the final report of the work done on the subject shall be sent to the Assistant Director (Engineering), Ministry of Shipping, (Development Wing), Transport Bhavan, 1-Sansad Marg, New Delhi - 110001.
- vi) The Institutions are required to send to the Assistant Director (Engineering), Ministry of Shipping (Development Wing), New Delhi - 110001, at the end of each

financial year as well as at the time of seeing further installments of the grant, a list of assets referred to in Para (ii) above, and a statement of accounts.

vii) The Institutions will furnish to the Financial Advisor and Assistant Director (Engineering), Ministry of Shipping, (Development Wing), Transport Bhavan, 1-Sansad Marg, New Delhi - 110001, utilization certificate(s) and an audited statement of accounts pertaining to the grant within six months following the end of each financial year.

viii) The Comptroller and Auditor General of India, at his discretion, shall have the right of access to the books and accounts of the Institutions for the grant received from the Government.

ix) The Institutions will maintain separate audited accounts for this project. If it is found expedient to keep a part or whole of the grant in a bank accounts earning interest, the interests thus earned, should be reported to the Ministry of Shipping, (Development Wing), New Delhi- 110001. The interest thus earned will be treated as a credit to the Institutions to be adjusted towards further installments of the grant.

x) Sale proceeds, if any, as a result of the development of the project arising directly from funds granted under the scheme shall be remitted to the Government of India. The Government of India may, at its discretion allow a portion of such receipts to be retained by the Institutions.

xi) The know-how generated from the project would be property of the Government of India and any receipt by way of sale of know-how, royalties, etc. shall accrue to the Government of India. The Government of India may, in its discretion allow a portion of such receipts to be retained by the Institutions.

xii) The Government of India will have the right to call for drawing, specification and other data necessary to enable the transfer of know-how to other parties and the Institutions should supply all the needed information at the request of the Assistant Director (Engineering), Ministry of Shipping, (Development Wing), 1 Transport Bhavan, 1-Sansad Marg, New Delhi - 110001.

xiii) The Institutions may not entrust the implementation of work for which the grant is being sanctioned to another Institution(s) and to divert the grant receipts as assistance to the later Institution(s) unless the other Institution(s) is collaborating in the work with the approval of the Research Committee. In case the Institutions is not in a position to execute or complete the project, or the work is not proceeding according to the objectives set out, it may be required to refund for with to the Government of India the entire amount of grants-in-aid received by it. In exceptional cases, this condition may be relaxed by the Government of India.

xiv) The staff that may be employed for the Project by the Institution(s) are not to be treated as employees of the Government of India and the employment of such staff at the time of completion or termination of the project will not be the concern/responsibilities of the Government of India. They will be subjected to administrative and service rules, as applicable (leave, T.A. and D.A, etc.) of the Institutions where the projects is based. For the expeditious implementation of the Research projects, the Investigator In-charge will take the assistance of the Institutions concerned in the process of selection and appointment of staff and payment to them. In case of any special posts, rules of pay may be decided in consultation with the Research Committee constituted by the Ministry of Shipping, (Development Wing) Transport Bhavan, 1-Sansad Marg, New Delhi – 110001.

xv) The High Level Research Committee reserves the right to terminate the grant at any stage, if it is convinced that the grant has not been properly utilized or appropriate progress is not being made.

xvi) The project will become operative with effect from the date on which the grant is received by the Institution(s). The date will be intimated by the Institution(s) to the sanctioning authority.

xvii) If the Investigator, to whom a grant for a project has been sanctioned, leaves the Institution(s) where the project is based, the Investigator should submit a complete and detailed report of the work done by him on the project till the date of relief.
