

OFFICE MEMORANDUM

Subject: Guidelines for Research Activities and Pilot, Demonstration and other Technology related initiatives under Namami Gange Programme.

1. Under Namami Gange programme, a provision for taking up research and pilot based projects has been made under head “Research, Studies, Pilot & Training, Workshop, Seminars, Publication etc.” as a part of overall Research and Development component. NMCG has been in receipt of few proposals, which have been disposed on a case-to-case basis. Prescribing standard guidelines for dealing with such projects has been under consideration for some time.
2. Following guidelines are issued for taking up research, studies, pilots, demonstrations and other similar activities under Namami Gange Programme:
 - (i) NMCG would encourage research, studies, pilots, demonstrations and other similar activities under Namami Gange Programme to arrive at meaningful technical, operational and administrative decisions for most effective implementation.
 - (ii) NMCG may receive proposals directly from the potential project proponents or invite the same from time to time. While inviting proposals adequate publicity will be ensured through publishing in leading newspapers, websites etc. Site-specific detailed proposals with defined and measurable outcome, clear timelines and relevance with Namami Gange programme will be preferred.
 - (iii) The proposals should clearly bring out technical details such as:
 - a) Layout of the site
 - b) Structural interventions required
 - c) Types of chemicals, enzymes, microorganisms etc. to be added with technique and frequency of dosing
 - d) Present condition of the drain/nallah/pond including information on relevant water quality parameters and aquatic life
 - e) Claims made regarding conditions of the drain/nallah/pond including information on relevant water quality parameters and aquatic life after treatment
 - f) Monthly expenditure to be incurred including the capital cost, if any.
 - g) Cost per MLD or KLD of water treated
 - h) Any other details prescribed by NMCG from time to time

- (iv) All proposals received will be submitted to the **Technical Committee** appointed by NMCG for the purpose, hereinafter referred to as "**the committee**".
- (v) CPCB will proactively assist the project proponents in identification of suitable sites including water bodies/drains/nallahs/river stretch etc. CPCB would also define site-specific monitoring protocol for such projects to assess the efficacy of treatment.
- (vi) NMCG shall make efforts to facilitate the necessary approvals from competent authorities at local, state or central government level as the case may be.
- (vii) IIT consortium with its identified centers at IIT Kanpur and its partner institutes / organizations will conduct the monitoring of such projects.
- (viii) The trials/demonstration will be carried out by all project proponents at least for one month at their own cost. However, the proponents will be at liberty to quote longer trials at their own cost, which will be the preferable option for NMCG.
- (ix) On successful completion of the free trial period proposed by the proponent, NMCG may consider reimbursement of actual cost maximum up to 12 months excluding demonstration/free trials from inception. However, such reimbursement will be decided on a case to case basis strictly on its merits to be recorded by the committee or agency appointed for the purpose. Reimbursement of the actual cost shall be made strictly on specific recommendations of the committee and on achievement of pre-defined objective parameters.
- (x) The committee will also define the expected outcome, the range and tolerance thereon for acceptance.
- (xi) In each case, the committee will recommend a technical institution which will supervise the pilot right from the beginning till the end and render reports to the committee as required.
- (xii) The committee; in each of its meeting; will review the progress /status of all such ongoing projects under implementation.
- (xiii) The committee; while recommending any project; would critically examine its cost component-wise and ensure that projected expenditure shall be in a prescribed range of the prescribed bench-mark. This benchmark will be fixed by the committee independently for projects of a particular nature.
- (xiv) The project proponents would maintain detailed records of expenditure actually incurred and submit the same to the concerned monitoring

institutions, which will certify the same for being produced for reimbursement by NMCG.

- (xv) On successful completion of any project, the committee would recommend regarding its specific adaptability and requisite technical parameters. The committee may also recommend extended periods of trials, if considered necessary.
 - (xvi) All projects recommended by the committee whether self-funded or with reimbursement, provision must be submitted to the Empowered Steering Committee or the Nominated Appraisal Committee of the NMCG.
 - (xvii) While recommending any project, the committee would strive to ensure efficiency, economy and propriety, both financial and administrative. If required, the finance member may be nominated to assist the committee in its proceedings.
3. The recommendations of the committee shall be non-binding on NMCG, which may also appoint third party for evaluation before or after the approval at any point of time to ensure effective implementation and optimum utilization of funds.
 4. Approval of any demonstration project under this scheme shall not confer any claim or right on the part of the project proponent for getting an extension or exclusive implementation and scale up. NMCG will be at its liberty to utilize the outcome of such projects in its own interest for laying down technical standards forming the basis for competitive bidding subsequently.
 5. NMCG may terminate any of such projects at any point of time at its sole discretion if it is satisfied that further continuation is not in the interest of the programme.
 6. These guidelines may be supplemented with additional instructions for their effective operationalization by NMCG, which will be responsible for periodical updation and amendment of the guidelines from time to time.
 7. These guidelines shall be effective from the date of issue of this OM. However, any project approved prior to the same shall be bound by the post award conditions of this OM.
 8. This issues with the approval of competent authority and financial concurrence intimated vide diary no. FTS dated 21/06/2016 of Financial Advisor, MoWR, RD & GR.