No.: Pr-12012/46/2018/NMCG
National Mission for Clean Ganga
Ministry of Water Resources, River Development & Ganga Rejuvenation

1st Floor,
Major Dhyan Chand National Stadium,
India Gate, New Delhi – 110002
Dated: 17th December, 2018

OFFICE MEMORANDUM

Subject: Minutes of the meeting – DPR for Shri A. K. Srivastava, Managing Director, Uttar Pradesh Jal Nigam, 6, Rana Pratap Marg, Lucknow, UP – 226001.

FSTP at Chunar reg.-

Please find enclosed herewith the minutes of the meeting held at National Mission for Clean Ganga, New Delhi on 28.11.2018 in order to discuss the DPR for FSTP at Chunar.

2. This issues with the approval of Executive Director (Technical), NMCG.

Enclosures: As Above.

(Rajat Gupta)
S. Specialist, NMCG.

To,

1. Shri Suresh Kumar Rohilla, Programme Director – Water Management, Centre for Science and Environment, 41, Tughlakabad Institutional Area, New Delhi - 110062.
2. Shri Manoj Kumar Singh, Principal Secretary (UDD)/ Project Director (UPSMCG), Office of the Project Director, State Mission for Clean Ganga-UP (SMCG-UP), Plot N0-18, Sector-7, Gomti Nagar Extension, Lucknow – 226010.

Internal Distribution:

PS to DG/ PS to ED (Technical).
A meeting was held on 28.11.2018 at NMCG, under the Chairmanship of Executive Director (Technical), NMCG for discussion on the DPR for FSTP at Chunar, Mirzapur submitted by CSE. The list of participants is attached as Annexure.

Key points discussed during the meeting:

1. CSE made a presentation on the DPR for septage management at Chunar, Mirzapur. CSE apprised NMCG that there are 3 locations A, B & C available for construction of FSTP at Chunar. Out of which CSE has shortlisted location C as it is far off from the Ganga River and a drain is passing in its vicinity. However, NMCG suggested CSE to rework the site location at the proposed STP site at Chunar.

2. DPR provided the detailed list of different technologies and their comparison. However, the proposed technology in the instant DPR is not listed therein. During the discussions, NMCG sought clarifications from CSE for justification of the technology proposed vis-à-vis various other options available. NMCG requested CSE to provide a comparison based on capital cost, O&M requirements, life-cycle cost and parcel of land required for the FSTP for this technology.

3. Further, NMCG raised the issue that the plant capacity is calculated based on the population of 2011 census data i.e. 20 KLD. However, the proposed capacity is 10 KLD, which is on the lower side. NMCG requested CSE to provide relevant data and justification for the proposal.

4. NMCG apprised CSE that there is one STP of 2 MLD capacity proposed in Chunar. NMCG requested CSE to work out the option for whether co-treatment modules can be added in the said STP.

5. NMCG stressed for the need to move towards a regular/scheduled de-sludging and planned septage management. CSE has suggested an incremental approach to scheduled de-sludging. NMCG requested CSE to provide a timeline/proposal for achieving the same.

6. The parameters of faecal sludge assumed in the DPR is based on studies done by other agencies across the country and other countries. NMCG requested CSE to carry out a representative sampling of faecal sludge from Chunar town (at least 10 locations) either by themselves or with the help of such agencies in order to carry out comprehensive analysis to ascertain the characteristics of the faecal sludge to be treated.

7. Further CSE indicated that there are operational FSTPs in Jhansi or Leh. NMCG requested CSE to ascertain the performance of these FSTPs and share the detailed performance results.

8. NMCG Officials explained that there is excess capacity available at STPs in Varanasi and Mirzapur which is around 30 Kms from Chunar and requested CSE to study the feasibility related to co-treatment of faecal sludge in these STPs and include it as one of the alternative studies in DPR.

9. NMCG Officials stated that the cost of the DPR is towards higher side and requested CSE to rework the same.

Meeting ended with thanks to the Chair.
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