

Mi/24/2020-HR NMCG
Government of India
भारत सरकार
Ministry of Jal Shakti
जल शक्ति मंत्रालय
Department of Water Resources, River Development & Ganga Rejuvenation
जल संसाधन, नदी विकास और गंगा संरक्षण विभाग
National Mission for Clean Ganga
राष्ट्रीय स्वच्छ गंगा मिशन

1st Floor,
Major Dhyanchand National Stadium,
India Gate, New Delhi- 110001
Dated : 17.11.2023

Subject: Minutes of the 52nd meeting of the Executive Committee (EC) of National Mission for Clean (NMG) held on 14th November, 2023 through hybrid mode.

Please find enclosed herewith Minutes of the 52nd meeting of the Executive Committee (EC) of National Mission for Clean Ganga (NMCG) held on 14th November, 2023 through hybrid mode for information and necessary action.


17/11/2023
(Kanchan Bala Hamza)
Deputy Secretary (Admin.)

To,

1. Joint Secretary (PFC-I/PF-States), Department of Expenditure, Ministry of Finance, North Block, New Delhi-110001
2. JS & FA, DoWR, RD & GR, MoJS, Shram Shakti Bhawan, New Delhi-110001.
3. Shri Avinash Mishra, Adviser (WR&LR), NITI Aayog, Yojana Bhawan, Sansad Marg, New Delhi-110001
4. Secretary, Department of Drinking Water & Sanitation, Uttarakhand, 43/6 Mata Mandir Road, Dharmapur, Dehradun, Uttarkhand-248001.
5. Principal Secretary (UD), Urban Development Department (UDD), 834, Bapu Bhawan, Lucknow- 226001.
6. Principal Secretary (UD&Housing), Urban Development and Housing Department (UDHD), Vikas Bhawan, Bailey Road, Patna, Bihar-800015.
7. Principal Secretary (UD), Urban Development Department (UDD), 4th Floor, Project Building, Dhurwa, Ranchi- 834004.
8. Principal Secretary (UD), Department of Municipal Affairs (DMA), Nagarayan, Sector-I, Block-DF-8, Bidhan Nagar, Kolkata-700064.
9. All Executive Directors of NMCG

Copy to:

1. PS to Hon'ble Minister for Jal Shakti
2. PPS to Secretary (WR, RD & GR)
3. Project Director, SPMG Group 117, Indira Nagar, Dehradun-248001, Uttarakhand.
4. Project Director, SPMG, Plot No. 18, Sector-7, Gomti Nagar, Lucknow-226010.
5. Project Director, SPMG Group (Secretary Urban Development), Government of Bihar, Vikash Bhawan, Bailey Road, Patna, Bihar – 800001.
6. Project Director, SPMG Group Urban Development & Housing Department, Room no. 403, 4th Floor, Project Bhawan, Dhurwa, Ranchi, Jharkhand-834004.
7. Project Director, SPMG Group Unnayan Bhawan', 3rd Floor, DJ-11, Sector-II, Block-A, KMDA, Kolkata- 700091.
8. PPS to DG, NMCG- for his information

1/89912/2023 **Draft Minutes of 52nd meeting of the Executive Committee (EC) of National Mission for Clean Ganga (NMCG) held on 14th November 2023 through Hybrid Mode**

The 52nd meeting of the Executive Committee (EC) of National Mission for Clean Ganga (NMCG) was held on 14th November 2023 at 3:00 PM through hybrid mode under the Chairmanship of Director General (DG) of NMCG.

Executive Director(Admin), NMCG welcomed the Director General, NMCG, members of the Executive Committee and other officials present in the meeting. Thereafter, the agenda items were taken up for discussion.

Agenda No 52.1: Treatment of Assi Drain, Varanasi, Uttar Pradesh based via Advanced Oxidation Process under Namami Gange Program

The river Assi is a tributary of the river Ganga and about 5.5 km length of the river flows through the Varanasi city and carries domestic sewage to Ganga. Numerous nallas from Assi catchment area are discharging untreated wastewater in river, literally converting the minor river into sewage drain known as Assi Nala. The present confluence points of Assi drain is adjacent to Ravidas Ghat Park. The total wastewater generated from the nearby area of Assi river is approx 70 – 75 MLD and about 50 MLD wastewater is pumped to Ramna STP for treatment while excess flow overflows into river Ganga. NMCG has carried the study and found that roughly 25 MLD-30 MLD excess flow discharges into river Ganga without treatment.

The NMCG is planning to construct a new STP of 55 MLD for excess flow. The said project is under tendering stage and shall take minimum 2 years for completion. Meanwhile, in order to arrest this excess flow from discharging into River Ganga, an alternate solution is required for limited time (till new 55 MLD STP project is completed). As there is very limited space available on site, a compact solution meeting the requirement was desired. Considering the importance of Assi river/ drain and overflow issues, the option of treatment the excess flow by alternate technology, till the new STP is commissioned needs to be explored and NMCG decided to hire the services for tackling this excess flow.

Before tendering, a market survey was done by inviting quotations from existing players in the market for the purpose of preparing estimate for treatment of excess sewage on service delivery mode. A single quotation was received with a proposed service charge of Rs. 28,750/- per ML, excluding GST, for a minimum assured flow of 30 MLD and for a minimum period of 5 (five) years. The quotation was received for 5-year contract duration however NMCG has already sanctioned a STP to treat this additional sewage or overflow, which is expected to be completed in 2-3 years and services for 5 years mayn't be required. Thus, in tender the payback period/ service contract duration was reduced to 2 Years.

Accordingly, NMCG has invited the tender on GeM Portal. A total of four bids were received. Since only one bidder got technically qualified, the proposal was retendered. In 2nd call, 3 bidders have participated and 2 bids were found technically responsive. The financial bids of both the technically responsive bids were opened and ORAIPL was found as L1 bidder at final price of Rs 29850/- per ML excluding taxes. There shall be no payment during wet/monsoon

period. Considering a wet period of 4 months and average flow of 22 MLD (flow varies from 15-30 MLD), the maximum fund outgo in the project shall be Rs 37.2 Cr. (Avg flow 22 MLD X Discounted rate Rs 29850/- per ML X 1.18 (GST) X 240 days per year (excluding monsoon period) X project duration 2 years) and thus approval from EC was requested for Rs 40.0 Crs for this project in order to accommodate any variation in above proposed assumptions, supervisory services, TPI etc.

EC enquired about the reasonability of the rates. EC was informed that an exercise was made to arrive the rates for 2 years by considering 5-year rate (considering 40% capital cost and 60% O&M cost involved in the project) and in the said prediction net outgo for 2 years was coming around Rs 87 Crs however in price discovered through open tendering net outgo was less than Rs 40 Crs for 2 years' period.

The rate quoted was Rs 29850/- per ML excluding taxes for two years' service contract as per T&C of the tender document extendible by third year at a reduced rate. The payment shall be made on actual treatment quantity and no payment shall be made during monsoon period. It was further decided that since time is a critical factor in the project, the system should be put in place urgently and treatment of Assi nala must be started within 90 days as proposed. If contractor fails to achieve the deadline, the penalty will be applicable on per day basis. It was instructed that State may follow the progress of work on day-to-day basis and update to NMCG.

JS & FA observed that the mandate of the EC is to approve estimates for projects upto Rs 1000 Cr. Approvals are accorded based on cost estimate prepared on the basis of DPR and TPA evaluation and these are technology neutral. Based on the Administrative Approval accorded by the EC, tendering/contract action is taken by the designated executing agency. EC has no role in approving tenders/individual procurement decisions. Thus, in this case too, keeping in view the requirement for the proposed project, EC can approve the project at the estimated cost for a period of two years. Decision on the tendering process and final tendered value should be taken by the competent authority.

After detailed discussions, the Executive Committee (EC) decided to approve the proposal for according Administrative Approval and Expenditure Sanction (AA&ES) for "Treatment of Assi Drain, Varanasi, Uttar Pradesh based via Advanced Oxidation Process (AOP)" under Namami Gange Program for an estimated amount of Rs. 40 Crores for 24 months including GST @ 18%.

EC has directed that the system be put in place and treatment of Assi nala must be started within 90 days as proposed as time is the essence of the contract. If contractor fails to achieve the timeline, the penalty will be levied on per day basis. EC has also instructed that State must monitor the progress of work on a day-to-day basis and update NMCG regularly.

Agenda No 52.2: Pollution Abatement Works (I&D with STP) for Khoh River at Kotdwar", Uttarakhand under Namami Gange Programme.

- DPR prepared by: Uttarakhand PeyJal Nigam - Rishikesh.
- DPR cost:135.27 Crores including O&M for 15 years.

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- DPR appraised by IIT Roorkee, Uttarakhand
 - Project Cost: Rs 135.27 Crores including 15 years O&M with GST @18%.
 - Major components: -
 - I&D of Nala tapping works – 09 Nos. Carrier line (200mm to 1000mm Dia. DI-K7 & RCC NP4) – 11.75 Km.
 - Pumping Station – 02 Nos.:
 - SPS 0.13 MLD capacity at Gadighaat.
 - MPS 23.21 MLD capacity at Kodiya.
 - Raising Main (100mm to 450mm Dia. DI K-9) – 0.48 Km.
 - STP – 21 MLD capacity near Shooting Range - 01 No.
 - Disk Filter Unit for STP -01 No.
 - Septage Co-Treatment Facility – 50 KLD capacity -01 No
 - House Service Connection – 728 Nos.
 - Approach Road for STP & SPS (Kodiya) – 1.30 Km.
 - O&M of I&D SPS, MPS & STP for - 15 Years
 - Financial Effect: Central Share as 100% of project cost i.e. Rs. 135.27 Crores
 - Bidding process: DBOT basis.
 - Completion period – 24 Months (Excluding Bidding Period)

The proposal was placed before Executive Committee (EC) for according the approval to proposed “Pollution Abatement Works (I&D with STP) for Khoh River at Kotdwar”, Uttarakhand at an estimated cost of Rs. 135.27 crore including 15 years O&M with GST @18%. The project shall abate the pollution in river Ramganga & Ganga from the Kotdwar town of district Pauri Garhwal, Uttarakhand.

Upon a query on the population of Kotdwar, the Secretary, Drinking Water, Uttarakhand mentioned that the population of Kotdwar tehsil is about 2 lakhs.

Responding to a query on whether Khoh river is included among the polluted river stretches list brought out by CPCB in its report of 2022, it was mentioned that the characteristic of water flowing in this river stretch is equivalent to that identified as PRS I.

After detailed discussions, the Executive Committee (EC) decided to approve the proposal for according administrative approval and expenditure sanction (AA&ES) for Pollution Abatement Works (I&D with STP) for Khoh River at Kotdwar”, of district Pauri Garhwal, Uttarakhand with O&M for 15 years under Namami Gange Program at an estimated amount of Rs 135.27 Crores (Capital Cost - Rs. 85.40 Crore; O&M Cost - Rs. 49.87 Crore) under DBOT mode considering GST @ 18%.

Further, EC decided that cost towards approach road & power connection has to be borne by State Government (cost of approach road Rs. 110.68 lakh & power connection Rs.76.08 lakh), so in this project there shall be state share of Rs.220.37 lakhs with GST@18%.

It was also decided that the observations of NMCG, TPA would be complied with by the State Government/ Executing Agency at the time of finalization of bid document/ at the time of execution and during O&M. The cost towards O&M of the project assets, post commissioning for 15 years has been indicated in the project scope. Additionally, O&M

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provisions will be reviewed after 7 years on the basis of compliance of various General & Specific conditions of AA&ES by State Government/ SPMG-UK including insurance of assets created, reuse of treated water, levy of user charges, sewage cess etc. O&M beyond project scope shall be the responsibility of State Government/ ULB at its own cost. It is also proposed that as the Central Govt is giving funding for O&M of the sewerage assets for longer duration, the tax should be collected regularly as usual by ULB and kept in a corpus fund, which would be used by ULB for O&M of all these assets after NMCG funding is over.

The sanctioned cost of the project will be borne from the 'National Ganga Plan - Non EAP budget head of Namami Gange Mission –II, and expenditure incurred will be booked under the component "Nirmal Ganga- Infrastructure Development and Asset Creation- Sewage Treatment Plants (STP)- DBOT projects."

The State Government must ensure the availability of land in its possession before awarding the works. State needs to submit a revised DPR, before bidding, incorporating Third Party Agency's recommendations (if applicable). Executing Agency shall obtain NMCG approval before making any changes in the sanctioned scope.

EC has clarified that any cost escalation over and above the sanctioned cost attributable to State Government, including due to delay in land acquisition, change in scope post approval etc., will be borne by State Government concerned "

Executing agency/SPMG-UK must complete the work within stipulated time period of 24 months. EC also directed the Executing agency/SPMG -UK that the tender works must be awarded within three (03) months from the date of issue of AA&ES.

State Government needs to ensure the compliance of water quality as well as other environmental norms (such as compliance with prescribed noise level etc.) in respective STP area shall be assessed upfront and suitably addressed during the design stage.

In addition, EC desired that state Government should pari-pasu implement the project for reuse of 20% treated wastewater for agriculture & industrial purpose. For this purpose, State Government would adopt a policy document and endeavor & implement scheme for reuse treated wastewater accordingly.

Agenda Item No. 52.3: Development of Shivpur Ghat at Sati Ghat in Ballia, Uttar Pradesh

- DPR appraised by NIT Patna
- Project Cost- **Rs. 8.25 Crores** (excluding O&M)
- Land for 70 mtr ghat to be acquired by state.
- Completion time- 15 months (including bidding & awarding of project)
- Financial Effect- 100% central funding under NGP/non-EAP head of NMCG
- Executing Agency- Irrigation Department- Ballia – Uttar Pradesh
- Land to be provided by State Government within 2 months. Work may start only after land is made available by the state.

After detailed discussions, the proposal was recommended by Executive Committee of NMCG for according of Administrative Approval & Expenditure Sanction (AA&ES) by the

