

Minutes of Meeting # 15

Project : Development of STPs and TTP Projects along with associated infrastructure in Mathura under Hybrid Annuity based PPP mode, Uttar Pradesh

Date : 2nd March 2019

Location : Office of the Chief engineer & Office of the Project Manager, Agra Zone, UPJN, Agra.

List of Attendees:

1. Mr.R.K.Garg, Chief engineer, UP Jal Nigam, Agra
2. Mr.Maharaj Singh, Project Manager, UP Jal Nigam, Mathura
3. Er. Deepak Chauhan, Project Manager, UP Jal Nigam, Agra.
4. Er. Waseem Athar, Project Engineer, UP Jal Nigam, Mathura.
5. Mr. A.Srinivasan, General Manager – MACE
6. Mr. Amit Ghosh, Project manager, MACE
7. Mr. M.Jayakrishnan, Project engineer - MACE
8. Mr. Mohammed Rayyan N, Senior Engineer, MACE
9. Mr. Kailash chand Dhawan, AGM - Triveni
10. Mr. Jitendra Pandey, AGM - Triveni
11. Mr.Kumar Sindhu, MWMPL, Noida
12. Mr. S.K. Thakur, DGM, Triveni
13. Irrigation department and Ganga Jal officials

Agenda of the Meeting:

- At Office of the Chief engineer -To sort out the issue of Pipeline crossing Gokul Barrage and to Review the status of the project
- At Office of the Project Manager -To discuss the status and way forward to proceed with the construction drawings

Sr. No.	Description	Action by	Remarks
1	As decided on the 26 th February 2019 meeting held on Sikendra STP plant , a joint meeting was held on 2 nd March 2019 with Irrigation department officials , MWMPL, UPJN and PE, to sort out issue of Pipeline crossing Gokul Barrage . Following two options of pipe crossings are discussed.	MWMPL	MWMPL need to submit the revised proposal as suggested by UPJN and Irrigation officials

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	<p>1. Strengthening of Ganga Jal pipeline for taking the IOCL pipeline. Feasibility of this option is discussed. MWMPL informed that the Ganga Jal structure is not sufficient to take the load of IOCL pipeline with additional members. MWMPL informed that space in between the support of Ganga Jal is examined to position the support for IOCL pipe line and the structure size becoming very heavily.</p> <p>2. Taking pipe through median – MWMPL informed that the cover slab at median will be replaced with new slab that shall be designed to carry and transfer the load to the exiting beam.</p> <p>Irrigation department officials and UPJN suggested MWMPL to check the possibility of strengthening of existing truss/ any other arrangement by utilization truss/ space available.</p> <p>Irrigation department official and UPJN suggested MWMPL not go ahead with the pipe line along the median. This was not suggested considering the necessity of Barrage O&M scenario.</p> <p>MWMPL also informed that based on new rule, the median should not be used for pipeline laying and should be kept free.</p> <p>UPJN also suggested PE and IIT check the possibility for strengthening the Ganga Jal truss so that IOCL pipeline can be routed accordingly.</p> <p>CE requested UPJN to share the design and drawing of Ganga Jal pipeline to PE & IIT for verification.</p>		
2	Discussion on the status of first milestone drawing.	MWMPL	MWMPL need to make sure drawings are approved before 15 th March 2019

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Sr. No.	Description	Action by	Remarks
	<p>PE raised concern on drawings of certain facilities that need to be approved before the execution work start date i.e., 15th March 2019</p> <p>UPJN strongly suggested to start the first milestone work as scheduled as per the construction plan.</p>		
3.	Submission of P&ID drawing for 30 MLD STP	MWMPL	MWMPL to submit the final P&ID drawing for 30 MLD STP
4.	Submission of remaining BEP documents for 20 MLD TTP	MWMPL	MWMPL to submit the same at the earliest
5.	<p>As per approved construction plan, SBR basin excavation to start from 15th March 2019. The GA drawing submission is pending for want of finalizing the vendor for decanter and decanter methodology</p> <p>UPJN suggested to give approval with the condition stating that "In case of any variation based on vendor recommendation and deficiency in meeting the KPI, demolition and reconstruction, if required, need to be carried out by MWMPL without any additional cost and time after getting approval from UPJN and project Engineer and Upon finalization of decanter vendor and type, MWMPL to provide decanting methodology during lean, average and peak flow conditions without altering the approved SBR cycle time of 4 hours (Filling and Aeration – 1 hour, Aeration – 1 hour, settling – 1 hour and Decanting – 1 hour) and arrange for a presentation by the decanter vendor to understand the operation in detail".</p>	MWMPL	MWMPL need to make sure drawings are approved before 15 th March 2019
6.	As per approved construction plan, Disc filter platform excavation to start from 15 th March 2019. Vendor finalization is pending from MWMPL. The GA drawing submission is pending for want of finalizing Disc filter vendor and their credentials (including performance of existing similar	MWMPL	MWMPL to do the needful at the earliest

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	installations). Soil investigation report yet to be submitted.		
7.	<p>As per approved construction plan, Bengali ghat MPS pump house and receiving chamber excavation to start from 15th March 2019. Revised BEP to be submitted pending from 23rd February 2019. Mechanical GA, civil GA, reinforcement drawings to be submitted for approval.</p> <p>PE also informed that for approval of Bengali Ghat HFD, design of Intercept gravity sewer from Chintaharan IPS to Bengali Ghat MPS shall also be required, since IL of receiving chamber of pumping station is interrelated with the IL of the gravity sewer. Even though gravity sewer is covered under 2nd Milestone MWMPL need to be submitted for the approval.</p>	MWMPL	MWMPL need to make sure drawings are approved before 15 th March 2019
8.	Detailed activity schedule for construction yet to be submitted (Level 3 Schedule)	MWMPL	MWMPL agreed to submit the same after approval of construction drawings
9.	Methodology to be adopted for ensuring Interim availability for all existing facilities to be submitted for approval and interim availability to be ensured from 15 th March 2019. If interim availability is not ensured, then the penalty will be applicable as per CA.	MWMPL	MWMPL to submit the same at the earliest
10.	Monthly progress report to be submitted which will cover the quantum of sewage pumped, treated and its quality characteristics for all existing facilities. Ist report should be provided upon completion of first month i.e. 14 th February 2019. Instead they can submit the report closing as on 28 th February 2019 and then continue to support every month within 5 days i.e. 5 th of every month	MWMPL	MWMPL to submit the same at the earliest
11.	Preconstruction activities such as water quality analysis (for construction purpose), construction material source identification and quality	MWMPL	MWMPL to submit the same at the earliest

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	testing need to be carried out and to be approved on or before 15 th March 2019.		

MWMPL

UPJALNIGAM

PROJECT ENGINEER