

## **Minutes of Meeting # 5B**

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

**Date** : **28<sup>th</sup> November 2018**

**Location** : **1st floor, Conference hall at the office of National mission clean ganga, New Delhi**

### **List of Attendees:**

1. Shri. D.P.Mathuria, Executive Director (Technical), NMCG – In the chair
2. Dr. Praveen Kumar, Director, TIII, NMCG, New Delhi
3. Shri. Madhav Kumar, SEFAE, NMCG
4. Mr. Maharaj Singh, Project manager (D&SU), UP Jalnigam, Mathura
5. Er. Deepak Chauhan, Project Manager (E&M), UP Jal Nigam, Agra.
6. Er. Waseem Athar, Project Engineer, UP Jal Nigam, Mathura.
7. Mr. A.Srinivasan, General Manager – MACE
8. Mr. Syed Abbas Ibrahim, Senior infrastructure specialist, MACE
9. Mr. M.Jayakrishnan, Project Engineer, MACE
10. Mr. A.N.Singh, COO, Triveni
11. Mr.K.C.Agarwal, GM, Triveni
12. Mr. A.D.Gupta, Addl.GM, Triveni
13. Mr. Kailash chand Dhawan, AGM - Triveni
14. Mr. Yogesh Mann-AGM-Triveni
15. Mr. Sajeev Rao Kulkarni, AGM, Triveni
16. Mr. Sunil Bhargava, Process Engineer, Triveni
17. Mr. Gopal Mani jha, Manager (contracts), Triveni
18. Mr. Deep Sagar Tiyagi, Dy.Manager, Triveni
19. Mr. Kumar Sindhu, Deputy Manager, Triveni
20. Mr. Anshul Khandelwal, Dy.Manager, Triveni

### **Agenda of the Meeting:**

- To discuss and approve Basic Engineering Package and Phase I drawings as discussed and accepted during the meetings held earlier occasions.
- To finalise the effective date.

The following points were discussed and decisions were made during the meeting to approve the BEP and announce effective date.

1. MWMPPL can take decision whether anoxic zone / fill required or not as per their process requirement.
2. In case the KPI is not met due to non-provision of anoxic fill, the payment will not be made and penalty will be levied as per CA conditions.

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3. MWMPL should enclose all the MOMs held till 30<sup>th</sup> November 2018 and all compliance sheets provided by MWMPL till 30<sup>th</sup> November 2018 as annexure in the process description.
4. MWMPL to include the alternate arrangement for thickener in case of failure and there is no need for standby thickener.
5. MWMPL to revise the process description incorporating elaborative details of each process, operating philosophy at all conditions within 30 days from the effective date.
6. Master drawing/ document list indicating the submission dates for each drawing and document to be provided by MWMPL before the effective.
7. MWMPL should submit the Level 3 schedule within a month from the effective date.
8. The construction drawings will be submitted by MWMPL and the same shall be reviewed immediately and the observations if any shall be discussed for two days on every weekly basis at Mathura for providing approval at the earliest. This process shall continue until the phase 1 drawings are approved and ready for construction.
9. One more meeting will be convened for approval of TTP upon submission of all documents by MWMPL and review of the same by MACE and UPJN.
10. NMCG informed that pressurized filtration system in place of gravity filtration as mentioned in the CA may be provided by MWMPL as per their process requirement.

With the above conditions, BEP (process design calculation, mechanical design calculation, process description, Layout), construction plan shall be approved by UPJN and the effective date shall be from 4<sup>th</sup> December 2018.

MWMPL

NMCG

UPJALNIGAM

PROJECT ENGINEER