



DELHI JAL BOARD; GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER (SDW)-IV
SEWAGE TREATMENT PLANT KONDLI,
KONDLI, DELHI-110096
Ph: 011-22613156
E-mail: eesdw4.djb@nic.in



STOP CORONA
"Wash Your Hand, Wear Mask & Maintain Social Distance"

No.: F-29(Ko)/DJB/EE(SDW)-IV/2020/

2107 ✓

Dated:

15 OCT 2020

To,

M/s VA Tech Wabag Limited,
"WABAG House"
No.17, 200 Feet Thoraipakkam
Pallavaram Main Road,
Sunnambu Kolathur,
Chennai- 600 117,
INDIA
E-mail: wabag@wabag.in, r_mittal@wabag.in

AND

M/s VA Tech Wabag Limited,
4,H Floor, Plot No.A-13A, Graphix Tower,
Sector-62, Noida, U.P.-201301.
E-mail : rajiv_mehta@wabag.in

[Kind Attention: Sh. Rajiv Mittal, MD]

Name of Work:- 45 MGD Sewage Treatment Plant and other related associated/ allied appurtenant works on design, Build & Operated basis at Kondli, Delhi.

Agreement No.: - 02(2008-2009)/ EE(C)DR.IX dated 12.06.2008.

Subject: - Letter of Debarment of M/s VA Tech Wabag Limited from participating in future projects/tenders/bids/works to be undertaken by Delhi Jal Board for 3 (Three) years.

Reference:

- i) DJB's Show Cause Notice vide No. DJB/CE(SDW)/2016/299 dated 25.05.2016
- ii) DJB's Show Cause Notice vide No.F-29(Ko)/DJB/EE(SDW)-IV/2017/4388 to 4393 dated 01.03.2017
- iii) DJB's Show Cause Notice vide No.F-29(Ko)/DJB/EE(SDW)-IV/2017/4758 to 4763 dated 24.03.2017
- iv) DJB's Show Cause Notice vide No.F-29(Ko)/DJB/EE(SDW)-IV/2020/351 dated 22.06.2020

- v) DJB's Letter No.F-29(Ko)/ DJB/EE(SDW)-IV/2020/757 dated 31.07.2020
- vi) M/s VA Tech Wabag Ltd. Letter No. VATech/DJB/KMS/ns/2020/06/1804 dated 29.06.2020
- vii) M/s VA Tech Wabag Ltd. Letter No. VATech/DJB/10M80-RM/06/1804A dated 04.08.2020.

Dear Sir,

WHEREAS, Contract Agreement for the work of "**45 MGD Sewage Treatment Plant and other related associated/ allied appurtenant works on design, Build & Operated basis at Kondli, Delhi**" (hereinafter referred as Project) was issued to M/s VA Tech Wabag Limited (hereinafter referred as 'Selected bidder' or 'Executing Agency') vide C.A. No.-2(2008-2009)/EE(C) Dr.-IX on 12.06.2008 by Delhi Jal Board (hereinafter referred as 'DJB' or 'Authority').

2. AND WHEREAS, the broad scope of work covered under this project are:-

- (i) Design and construction of Sewage Treatment plant based on Activated sludge process for 90 MGD Peak Flow, 45 MGD average flow and 22.5 MGD lean flow.
- (ii) Three months trial run after installation and commissioning of processing units, one year Defect Liability Period and 10 year's subsequent Operation-cum-Optimal utilization of equipment/ processing units and the facility to achieve the design parameters for Treated-Effluent BOD/TSS-20/30 mg/l (i/c cost of consumables required) excluding the electricity bill against use of grid power payable by DJB.
- (iii) Comprehensive maintenance/ repair/ renovation/ replication of equipment/ units including men, material and machines required.
- (iv) Handling and Disposal of Residue/ sludge and other by-products of Sewage treatment Process.
- (v) Guaranteed Electricity generation with use of Biogas Engines.
- (vi) Carrying out the required analysis, maintenance, storage and retrieval of data and submission of reports.
- (vii) Housekeeping and maintenance of Administrative Block, Internal Roads, Surface Drains, Horticulture and Landscaping.
- (viii) Safety and security of DJB property.
- (ix) Statutory approvals and Liasoning.
- (x) Any other activity/ works not mentioned specifically but deemed essential to achieve the goal as required time to time.

3. AND WHEREAS, the 45 MGD STP Phase-IV was put on trial run for the period of three months on 29.08.2013 as per provision of the contract. One year's Defect Liability Period was started w.e.f. 29.11.2013. The Executing Agency has failed to achieve the design parameters (BOD/TSS - 20/30 mg/l), for treated effluent during this period hence the DLP was extended for the period of one year i.e. up to 28.11.2015 as per provision of contract agreement. However the Executing Agency again could not achieve the treated effluent parameter due

to which DLP was extended up to 31.01.2016. Accordingly, the period of stipulated 10 year's O&M started w.e.f. 01.02.2016.

4. AND WHEREAS, the performance of the plant has been continuously under scrutiny, since the start of O&M period i.e. w.e.f 2016. There have been many occasions when it was observed that the Executing Agency failed to operate & maintain the plant as per SOP. Consequently Show Cause Notices dated 25.05.2016, 01.03.2017 & 24.03.2017 were issued to the firm. Subsequently IIT Delhi was also appointed by the department vide letter No. F-9(L)/DJB/EE(SDW)-IV/2017/191 to 198 dated 22.04.2017 for conducting process audit of 45 MGD STP, Kondli at the risk and cost of the Executing Agency.
5. AND WHEREAS, the IIT Delhi vide its report dated 17.01.2018 had submitted process audit report to DJB wherein some recommendations were suggested. The key recommendations were as under:
 - (i) In the initial portion of the aeration tanks, one extra diffuser sub grid may be provided due to sulphide, which is enormously high in this wastewater.
 - (ii) Maintenance of diffuser pipes needs proper attention. Therefore, it is proposed to install modular grid for air supply. However, maintenance of diffusers with affecting the operation of aeration tank is really a difficult task. Therefore, a preventing maintenance schedule put in place. In future arrangement provision of retrievable grid can be planted.
 - (iii) Plant should have automatic control system for better operation and control. Such control system is immediately needed at the primary sludge sump.
6. AND WHEREAS, the above recommendations were conveyed to the firm vide letter No. F-29(Ko)/DJB/EE(SDW)-IV/2018/3865 dated 09.02.2018 for compliance. These were required to be complied with by the firm to meet the treated effluent parameters as per the provisions of the contract agreement. In response to the DJB's letter, the firm committed certain timelines to implement the recommendations of IIT Delhi. However, the firm failed to implement the above recommendations till date.
7. AND WHEREAS, large number of complaints from nearby residential colonies of Mayur Vihar Ph-III regarding emission of bad odour from the plant, owing to poor performance of the Executing Agency, Hon'ble Vice Chairman, DJB under took an inspection of the plant on 22.05.2020. Dissatisfied with operation & maintenance of the plant then, it was decided and directed to initiate stern action against the Executing Agency as per contract agreement.
8. AND WHEREAS, the Executing Agency M/s VA Tech Wabag Ltd. miserably failed to maintain the Electrical & Mechanical equipments installed at the 45 MGD STP and observed that more than 40% of major E&M equipments are out of order. Also, the power generation through Bio-gas by the company was never found stable during the O&M period.

