

Name of Work :-Designing, Providing, & Constructing and Commissioning of Effluent Treatment Plant Of Capacity 1 MLD at Kurkumbh, Tal. Daund, Dist. Pune.

Contract Amount :- Rs. 1,10,91,000/-

Name of Department :- Maharashtra Industrial development Corporation



## CERTIFICATE

This is to certify that **M/S H.N. BHAT & CO.** having their registered office at "HENABH CENTRE", 1126 Shukrawar Peth, Pune 411 002, have successfully completed the work of "Detailed Engineering, Constructing, Erecting, Testing and Commissioning of 1 MLD CAPACITY COMMON EFFLUENT TREATMENT PLANT" at Kurkumbh for Maharashtra Industrial Development Corporation, in 15 calendar months. The estimated cost of the project is **Rs 1,10,91,000/-**.

The plant consists of following units.

S.No.	Civil Units	Mechanical Units
1	Screen Channel size 2.0 m x 1.0 m x 0.5 m liquid depth + 2.4 m free board	"HENABH" make, 1 no. Manual Screen.
2	Equalization Tank with Acid Resistance Brick Lining size 13.0 m x 13.0 m x 3.0 m liquid depth + 3.3 m free board	"HENABH" make, 1 no. HDPE aeration grid duly connected to air compressor
3	Neutralization Tank with Acid Resistance Brick Lining size 5.0 m x 5.0 m x 2.0 m liquid depth + 3.2 m free board	"HENABH" make, 1 no., Motor, vertical fixed type, SS motor
4	Raw Effluent Pump House	"HENABH" make, 4 nos. SS, nonclog, back pullout type pumps each having 25 m <sup>3</sup> /hr pumping capacity
5	Primary Unit a) Fine screen channel size 2.0 m x 1.0 m x 0.5 m liquid depth + 0.5 m free board b) V notch chamber	Manual Screen, 1 no. Floating operated, flow indicator
6	Aeration Tank size 25.0 m x 25.0 m x 2.6 m liquid depth + 0.6 m free board	"HENABH" make, 4 nos. aerators each of 25 HP, fixed vertical type
7	Secondary clarifier size 9.0 m dia x 2.5 m liquid depth + 0.5 m free board	"HENABH" make clarifier mechanism, fixed bridge

S.No.	Civil Units	Mechanical Units
8.	Sludge recirculation pump house	"HENABH" make pumps, 2 nos., each of 50 m <sup>3</sup> /hr capacity
9.	Sludge drying beds 12.75 m x 8.0 m	"HENABH" make gates
10.	Filtrate sump	Submersible Pumps, 2 nos.
11.	Chlorine Contact Tank Chlorine house 7.0 m x 2.0 m x 1.5 m liquid depth + 0.5 m free board	Chlorinator 2 nos.
12.	Administrative Building a) Alum tank b) Compressor Room c) Electrical System	"HENABH" make, 3 nos. Mixers 2 nos. KAY make twin Lobe compressors "HENABH" make electrical panel board

The work is carried out in a Engineering manner to the entire satisfaction of the Department.

The contractors are observed to be responsible, knowledgeable and execute the work well planned.



*[Signature]*  
EXECUTIVE ENGINEER

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION  
BARAMATI DIVISION, BARAMATI