

**OFFICE OF THE PROJECT DIRECTOR
MPPWD (PIU) NIRMAN BHAWAN, BHOPAL.
SCHEDULE OF RATES FOR BUILDING WORKS (w.e.f. 01.08.2014)**

Addendum No. 48

The following items are amended as under in Building SOR w.e.f. 1/8/2014 and rate shall be applicable with effect from the date of issue of this order i.e. 15/11/2018

CHAPTER NO - 29

SEWAGE TREATMENT PLANT/EFFLUENT TREATMENT PLANT (STP/ETP)

Item No.	Description	Unit	Rate (In Rs.)
29.8	<p>STP With Phytoid Bed/Constructed wetland:- Designing and preparing good for construction (GFC) civil, mechanical and electrical drawings of phytoid/constructed wetland sewage treatment plant as per National Environmental Engineering Research Institute (NEERI) or specialized in constructed wetland technology, design drawing and specification complete for meeting up to date design (target) parameters of treated effluent conforming to Madhya Pradesh Pollution Control Board (MPPCB), MoEF GOI guidelines, technical specifications codes of practices as published by the Bureau of Indian Standard (BIS) and latest version of "Manual on Sewerage and Sewage Treatment" published by the Central Public Health And Environmental Engineering Organization (CPHEEO).</p> <p>The work shall include supplying, installing, testing and commissioning of electro-mechanical equipments, instruments, pipes, valves, bio culture, plants(including replacement dead plants up to one year) etc. but cost of filter media (gravels), and other civil works shall be paid separately. Detail specifications of components shall be as per preamble.</p> <ul style="list-style-type: none"> - Bar screen - Oil, grease trap and grit removal system - Bio culture - Plants 		
29.8.1	10 KLD	each	1,34,576.00
29.8.2	50 KLD	each	1,92,880.00

Item No.	Description	Unit	Rate (In Rs.)
29.8.3	100 KLD	each	2,65,760.00
29.8.4	150 KLD	each	3,38,641.00
29.8.5	200 KLD	each	4,11,521.00
29.8.6	250 KLD	each	4,86,402.00
29.8.7	300 KLD	each	5,59,282.00
29.8.8	350 KLD	each	6,22,163.00
29.8.9	400 KLD	each	7,05,043.00
29.8.10	450 KLD	each	7,85,923.00
29.8.11	500 KLD	each	8,58,804.00
29.8.12	550 KLD	each	9,41,684.00
29.8.13	600 KLD	each	10,14,565.00
29.8.14	650 KLD	each	10,87,445.00
29.8.15	700 KLD	each	11,60,326.00
29.9	Supplying, filling, spreading and levelling in layers stone aggregate (uniformly graded gravels) of specific size as a bio media filter material as specified.		
29.9.1	In bottom layer aggregate size 150-90 mm (Depth = 40% of total filter media)	cum	680.00
29.9.2	In middle layer aggregate size 63-45 mm (Depth = 30% of total filter media)	cum	710.00
29.9.3	In top layer aggregate size 53-22.4 mm (Depth = 30% of total depth of filter media)	cum	740.00
29.10	Supplying and spreading of bio-culture in constructed wetland technology for plantation and treatment of sewage for additional requirement/maintenance purposes.	litre	6750.00
29.11	Plantation in constructed wetland technology for additional requirement/maintenance purposes.	sqm	900.00

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Project Director
PWD P.I. Bhopal

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Copy is forwarded to:-

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3. The Secretary to Govt. of M.P.P.W.D. Bhopal
4. The Engineer-in -Chief, M.P.P.W.D. Bhopal
5. The Chief Technical Examiner, M.P. Bhopal.
6. The Principal Secretary to Govt. Of M.P. Housing & Environment Bhopal.
7. The Accountant General, M.P. Gwalior/Bhopal.
8. The Secretary to Hon'ble Lokayukta, M.P. Bhopal.
9. The Chief Engineer, P.W.D ----- M.P.
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15. Chairman, Contractor Association, MP Bhopal.
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Project Director
PWD PIU Bhopal