

**RATE ANALYSIS**

Date :- 20/06/2018

Providing and Fixing SAND FILTER (GRAVEL FILTER) with on site. It should be vertical with mushroom fitted on plate separating sand bed and clean water chamber with a sand bed depth of about 500mm. It should be installed with vacuum breakers to prevent vacuum inside the filter. The shell should be provided with a drain plug at bottom to drain out fine sediments and a side hand hole to facilitate easy removal of sand from the shell whenever the sand needs replacement. The filter housings should be protected by an extra durable epoxy paint from outside and black bituminous paint from inside. Transportation, loading, unloading, laying, all required labour etc. and all other taxes and excluding GST, As directed by Engineer incharge.

Technical Specification.

- 1) IS 12785:1994
- 2) pressure rating 10 bar.
- 3) Inlet outlet size- 2"
- 4) Filtration 500 micron
- 5) Discharge -25000 LH (as per sizes)
- 6) Material : Mild steel
- 7) Thickness : 4mm to 6 mm.

Item No.	Description	Qty	Rate Without GST	Unit	Amount Without GST	Remark
1	Labour Rate as per SSR 2017-18	0.00	0.00	Day	0.00	SSR 2017-18
	Total Labour				0.00	
2	<b>Material</b>					
	SAND FILTER (GRAVEL FILTER)	1.00	29990	No.	29990.00	Market rate
			7	7		
3	Grand Total			No.	29990.00	
4	Rate per unit			No.	29990.00	
5	Rate is proposed for Rs.			No.	29990.00	
					7	

Rate is Proposed Rs. 29990/- per No. (In words Rs. Rupees Twenty Nine Thousand Nine hundred Ninety Only without GST)



Shilpi Architects And Planner  
Architects

*[Signature]*  
Jr. Engineer  
PCMC

*[Signature]*  
De. Engineer  
PCMC

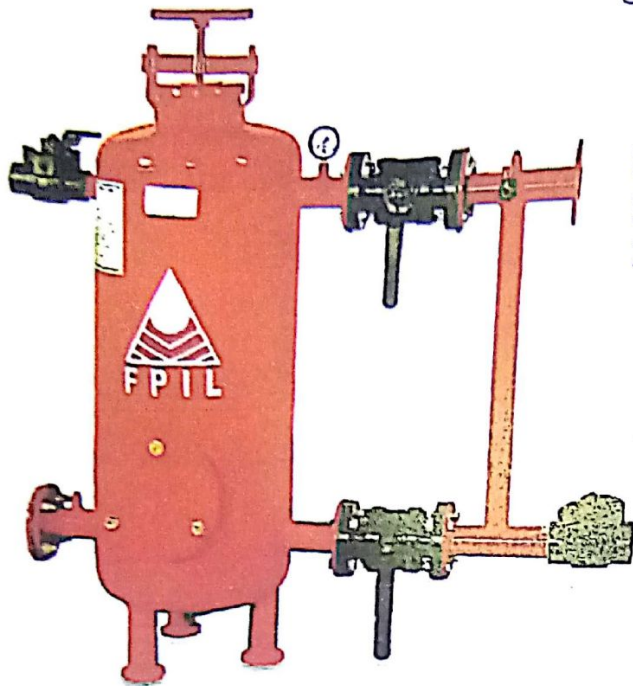
*[Signature]*  
Ex. Engineer  
PCMC

Final rate Approved For above Item is Rs. 29990 /-Per No. without GST

*[Signatures]*  
7.E.      7      7      7  
7.E.      7      7      7

*[Signature]*  
City Engineer  
PCMC

# Filters



**Sand Filters**  
Sizes : 2" /16", 2" /  
20", 3"/25", 3"/30"

**Plastic Disc / Screen Filter**  
Sizes : 3/4", 1", 1-1/2", 2", 2-1/2"



**Hydro Cyclone  
Filters**  
Sizes : 2", 3"



*Dilip*  
**Junior Engineer**  
Civil Garden  
P C M C

*S. D. ...*  
**Deputy Engineer**  
Civil Garden  
P. C. M. C.

*[Signature]*  
**Excutive Engineer**  
Civil Garden  
Pimpri Chinchwad Municipal Corporation  
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