

<b>Schedule of Quantity</b>			Estimated Cost		483839.00
<b>Name of work:-Operation and maintenance of .46 MLD STP at Sharabai with its complete net work of Zone B&amp;C under sewerage scheme Bhuntar Town in Tehsil Bhuntar Distt. Kullu.</b>			Earnest Money		9677.00
			Time:		2 Months
<b>S.No</b>	<b>Description of items</b>	<b>Quantity</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	Operation,repair and maintenance of Sewage Treatment and all civil works and electro-mechanical equipments , sewerage network , main trunk sewers, man holes and entire sewer net work of zone B&C by deploying Assistant Plant manager ,Process Engineer, Junior Engineer (Civil),Supervisor, Electricians,Operators,Chemist,Assistant Chemist, Sewer men, Casual Labourer, Watchman, ,Fitter, plumber Sewer men, Casual Labourer, Watchman, Gardener,Fitter, plumber, etc. relating to sewerage system of Bhuntar Town which consist of sewage treatment plant of 0.46 MLD capacity, in all respect to the entire satisfaction of Engineer-in-charge. Firm should do comply the stringent effluent standards laid down by HP Pollution control board and terms and conditions as per annexure A to M alongwith other general terms and conditions.	1 Job		Month	
				<b>Total:-</b>	
	<b>Operation, repair and maintenance shall cover following components</b>				
	<b>0.46 MLD capacity zone B&amp;C</b>				
<b>A</b>	<b>Sewer Network</b>				
1	Complete sewer network length	8000 mtr	<b>DI pipe 150mm to 300mm</b>	DI	
2	No of manholes	120 Nos	<b>Various sizes</b>	RCC/masonry	
<b>B</b>	<b>Civil Unit</b>				
1	Inlet Chamber	2 No	<b>1.10 x1.10 x1.00</b>	RCC	
2	Manual Screen Channel	2	<b>2.00 x 0.27 x 0.45</b>	RCC	
3	Manual grit chamber	2	<b>2.00x 1.80 x0.27x.45</b>	RCC	
4	Extended Aeration Tank	2	<b>Dia 7.40 height 3.50+0.50 F.B</b>	RCC	
5	Secondary Clarifier	2	<b>7.40x7.40x3.50</b>	RCC	

6	Lab Building	1 No	<b>10x6.60</b>	RCC/masonry
7	Pump house	1 No	<b>5.60x3.60</b>	RCC/masonry
7	Pump house	1 No	<b>4.60x2.30</b>	RCC/masonry
8	Rising main	225		D.I pipe
8	Sludge thickner	1 No	<b>1.50 mtr x 6 mtr height</b>	RCC
9	Sludge drying beds	4 Nos	<b>12.50x5.15</b>	RCC
10	Filtrate Sump	1 No	<b>1.80x1.80x3.00</b>	RCC
11	Parshal flume	1 No	<b>2.30x.27</b>	RCC
12	Chlorine contact Tan k	1 No	<b>3.60x3.00x1.80</b>	RCC
13	Campus boundary	Job		
<b>C</b>	<b>Mechanical Units</b>			
1	CI gates	1 No		MS
2	Manual bar screens	2 Nos	-	MS epoxy painted
3	Pumping machinery		<b>2x5BHP</b>	
4	Fixed type slow speed aerators	2 Nos	<b>5.00 HP</b>	MS epoxy painted
5	Sludge Agitator	2 Nos	<b>2HP</b>	SS316
6	Sludge Recycle pumps and sludge thickner	4 Nos	<b>1 HP</b>	As per manufacturer recommendation
7	Campus Lighting	Job		

Executive Engineer  
IPH Division No.II  
Kullu at Bhunter