

















		Currer	nt Profile &	Capacity		Additiona	l Capacity	(12th Plan)	Additiona	l Capacit	y (13th Plan)
Type	Output	No. of Dredgers		Maintenance		No. of Dredgers		Maintenance	No. of Dredgers		Maintenance
		14			Т	3			11		
	650	6		102.96		1		17.16	3		51.48
TSHD	800	4		84.48		1		21.12	3		63.36
	1200	4		126.72		1		31.68	5		158.4
						-			-		
		11				6					
Grab	60	7	7.7616	3.3264		3	3.3264	1.4256			
	85	4	6.2832	2.6928		3	4.7124	2.0196			
					_						
		6				4		l			
Back-hoe	120	5	11.088	4.752		2	4.4352	1.9008			
	150	1	2.772	1.188		2	5.544	2.376			
	200	56 29	122,496	30.624		8	4.224	1.056			
CSD	350	17	125.664	31.416		_	7.392	1.056			
CSD	600	8	101.376	31.416 25.344		1 2	7.392 25.344	6.336			
	850	2	35.904	25.344 8.976		4	71.808	17.952			
	850		35.904	8.976	_	4	/1.808	17.952			1
		Total	413.3448	422,4792		Total	126,786	104.874	Total		273.24
		Requried	641	536		iotai	120.700	104.074	lotai		273.24
		Shortage	227.6552	113.5208							

<u> </u>		
<ul> <li>Average No. of working E</li> <li>Idle Time due to no</li> <li>Maintenance and F</li> <li>Reduced dredging</li> </ul>	contract Repair, Mob-De-Mob	0 days
TSHD as preferred choice	for Maintenance Dredging	
<ul> <li>Cutter Suction Dredgers a</li> </ul>	as preferred choice for Capital (80	0%) + Maintenance (20%)
	gers as preferred choice for Speci	al areas (Capital + Maint.)
<ul> <li>Near fishing harbo</li> <li>Jetties/ berths with</li> <li>Productivity of dredgers</li> </ul>	rs I high traffic for inland transport as following	
<ul><li>Near fishing harbo</li><li>Jetties/ berths with</li></ul>	rs n high traffic for inland transport	al areas (Capital + Maint.)  Output (cum/hr) (std.)
<ul> <li>Near fishing harbo</li> <li>Jetties/ berths with</li> <li>Productivity of dredgers</li> </ul>	rs I high traffic for inland transport as following	
<ul> <li>Near fishing harbo</li> <li>Jetties/ berths with</li> <li>Productivity of dredgers</li> <li>Type of Dredger</li> </ul>	on high traffic for inland transport as following Output (cum/hr) insitu p	Output (cum/hr) (std.)
Near fishing harbo     Jetties/ berths with     Productivity of dredgers     Type of Dredger     TSHD	on high traffic for inland transport as following  Output (cum/hr) insitu p  650 – 1200	Output (cum/hr) (std.) 900 – 2000

## Additional Dredger Requirement \* Trailing Suction Hopper Dredger (TSHD) 650 cum/hr 800 cum/hr 1200 cum/hr ❖ GRAB cum/hr cum/hr **❖** BACKHOE 120 cum/hr 150 cum/hr Cutter Suction Dredger (CSD) 200 cum/hr 350 cum/hr 600 cum/hr 850 cum/hr

















