

CHAPTER NO. 25

MAINTENANCE OF CANALS & DRAINS

Sr. No.	Description	Unit	Rate for "Plains "as well as "Sub-Mountainous Region"	
			Labour Rate	Through Rate
1	2	3	4	5
25.1	Clearance of weed, jalla, deela etc manually from inner section of unlined channel.			
(a)	Unlined (heavy growth)			
	(i) discharge upto 0.42 cumecs	m	9.73	-
	(ii) discharge exceeding 0.42 but upto 1.42 cumecs	m	13.90	-
	(iii) discharge exceeding 1.42 but upto 2.83 cumecs	m	19.45	-
	(iv) discharge exceeding 2.83 cumecs	m	25.01	-
(b)	Unlined (medium growth)			
	(i) discharge upto 0.42 cumecs	m	7.78	-
	(ii) discharge exceeding 0.42 but upto 1.42 cumecs	m	11.12	-
	(iii) discharge exceeding 1.42 but upto 2.83 cumecs	m	15.56	-
	(iv) discharge exceeding 2.83 cumecs	m	20.01	-
(c)	Unlined (light growth)			
	(i) discharge upto 0.42 cumecs	m	6.84	-
	(ii) discharge exceeding 0.42 but upto 1.42 cumecs	m	9.73	-
	(iii) discharge exceeding 1.42 but upto 2.83 cumecs	m	13.62	-
	(iv) discharge exceeding 2.83 cumecs	m	17.51	-
Note:-	(i) In case of heavy weed, jalla, deela etc growth category, concerned SDO and Executive Engineer will certify after physical verification.			
	(ii) In case of medium and light weed, jalla, deela etc growth category, concerned SDO will certify after physical verification and concerned Executive Engineer will also certify after satisfying himself.			
	(iii) The rate includes the proper disposal of weed, jalla, deela etc. also.			

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			Labour Rate	Through Rate
1	2	3	4	5
25.2	Clearance of weed, jalla, deela, sarkanda, jungle, butti, dhora, silts etc. manually from inner section of lined channel.			
(a)	Lined (heavy growth)			
	(i) discharge upto 0.283 cumecs	m	9.12	-
	(ii) discharge exceeding 0.283 but upto 1.42 cumecs	m	13.73	-
	(iii) discharge exceeding 1.42 but upto 2.83 cumecs	m	18.29	-
	(iv) discharge exceeding 2.83 cumecs	m	22.84	-
(b)	Lined (medium growth)			
	(i) discharge upto 0.283 cumecs	m	6.84	-
	(ii) discharge exceeding 0.283 but upto 1.42 cumecs	m	10.28	-
	(iii) discharge exceeding 1.42 but upto 2.83 cumecs	m	13.73	-
	(iv) discharge exceeding 2.83 cumecs	m	17.18	-
(c)	Lined (light growth)			
	(i) discharge upto 0.283 cumecs	m	4.56	-
	(ii) discharge exceeding 0.283 but upto 1.42 cumecs	m	6.84	-
	(iii) discharge exceeding 1.42 but upto 2.83 cumecs	m	9.12	-
	(iv) discharge exceeding 2.83 cumecs	m	11.45	-
Note:-	(i) In case of heavy weed, jalla, deela, sarkanda, jungle, butti, dhora, silts etc. growth category, concerned SDO and Executive Engineer will certify after physical verification.			
	(ii) In case of medium and light weed, jalla, deela, sarkanda, jungle, butti, dhora, silts etc growth category, concerned SDO will certify after physical verification and concerned Executive Engineer will also certify after satisfying himself.			
	(iii) The rate includes the proper disposal of weed, jalla, deela, sarkanda, jungle, butti, dhora, silts etc also.			

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				Labour Rate	Through Rate
1	2		3	4	5
	(iv)	Wherever there is no silt in the bed of the distributary/minor, rates should further be decreased by 40% of that of normal norms of weed, jalla, deela, sarkanda, jungle, butti, dhora etc. with silt.			
25.3	Clearing weed growth manually from different section of the drain.				
1	(a)	Wet conditions (heavy)			
	(i)	Bed width less than 7.62 m	sqm	4.89	-
	(ii)	Bed width from 7.62 m to 15.24 m	sqm	5.62	-
	(iii)	Bed width more than 15.24 m	sqm	7.29	-
2	Wet conditions (medium)				
	(i)	Bed width less than 7.62 m	sqm	3.67	-
	(ii)	Bed width from 7.62 m to 15.24 m	sqm	4.21	-
	(iii)	Bed width more than 15.24 m	sqm	5.47	-
3	Wet conditions (light)				
	(i)	Bed width less than 7.62 m	sqm	2.44	-
	(ii)	Bed width from 7.62 m to 15.24 m	sqm	2.81	-
	(iii)	Bed width more than 15.24 m	sqm	3.65	-
Note:-	(i)	Where it is not possible to manually clear the section of any drain, machinery rates will be applicable.			
1	(b)	Dry conditions (heavy)			
	(i)	Bed width less than 7.62 m	sqm	2.64	-
	(ii)	Bed width from 7.62 m to 15.24 m	sqm	2.79	-
	(iii)	Bed width more than 15.24 m	sqm	3.12	-
2	Dry conditions (medium)				
	(i)	Bed width less than 7.62 m	sqm	1.99	-
	(ii)	Bed width from 7.62 m to 15.24 m	sqm	2.10	-

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				Labour Rate	Through Rate
1	2		3	4	5
	(iii)	Bed width more than 15.24 m	sqm	2.33	-
3	Dry conditions (light)				
	(i)	Bed width less than 7.62 m	sqm	1.31	-
	(ii)	Bed width from 7.62 m to 15.24 m	sqm	1.39	-
	(iii)	Bed width more than 15.24 m	sqm	1.55	-
Note:-	(i)	In case of heavy weed growth category, concerned SDO and Executive Engineer will certify after physical verification.			
	(ii)	In case of medium and light weed growth category, concerned SDO will certify after physical verification and concerned Executive Engineer will also certify after satisfying himself.			
25.4	Providing, Running and maintenance of pumping set 8 H.P./ Generator set for dewatering arrangements complete in all respects.		per hour per H.P.	-	15.94
Note:-	(i)	The Engine with pumping set of 8 H.P. will run 4 bores.			
	(ii)	The generator set having engine of 8 H.P. coupled with alternator of 5 H.P. will run motor of 4 H.P.			
25.5	Making bore and installation of pumping set for dewatering arrangements complete in all respects.		per m	-	353.98
25.6	Making dewatering arrangement by pumping set 4" *4" (Tractor-24 HP driven) .		per hour	-	264.31
25.7	Clearing of sarkanda, weed, jala, booti etc. from wet drains by machinery heaving Bed width.				
	(i)	Upto 20 feet	sqm	-	13.00
	(ii)	More than 20 feet	sqm	-	16.14
25.8	Removal/Clearance of slush from wet drains by mechanical		cum	-	52.30