



विषय :- Compensatory Afforestation land for
FCA proposal (MCGM) रोपवनांच्या
अंदाजपत्रकास प्रशासकीय मंजूरीबाबत

जा. क्र. कक्ष-6/योजना/ 43 /2022-23
मुंबई - 400 001, दिनांक 23 / 09 /2022.

संदर्भ :- आपलेकडील 297/सन 2022-23, दिनांक 22/09/2022.

उपरोक्त विषयांकित प्रकरणी वनक्षेत्रपाल कांदळवन कक्ष, पालघर यांनी पालघर (सफाळे) कडील Compensatory Afforestation land for FCA proposal (MCGM) लागवडीसाठी खालीलप्रमाणे प्रस्तावित रोपवनांची 1 ते 10 वर्षांची अंदाजपत्रके तयार केलेली आहेत. सदर अंदाजपत्रकांस वनक्षेत्रपाल कांदळवन कक्ष, पालघर यांनी तांत्रिक मंजूरी दिली आहे. त्यांनी संदर्भीय पत्रान्वये सदर अंदाजपत्रके प्रशासकीय मंजूरीसाठी या कार्यालयास सादर केलेली आहेत.

वन विभागातील वनीकरण, कार्य आयोजनामधील तांत्रिक व प्रशासकीय अधिकाराबाबतच्या एमएससी-2011/प्र.क्र.175/ फ-5, दिनांक 30 सप्टेंबर, 2011 चे परिशिष्ट अ. क्र. 2 अन्वये सहा. वनसंरक्षक यांना प्रशासकीय मंजूरीसाठी वित्तीय शक्ती प्रदान करण्यात आली आहे. सदर वित्तीय शक्तीचा वापर करून निम्नस्वाक्षरीकर्ता हे प्रशासकीय मंजूरी प्रदान करीत आहेत.

अ. क्र.	वन परिक्षेत्र	गावाचे नाव	सर्व्हे नं.	वर्ष	क्षेत्र (हे.)	अंदाजपत्रकीय रक्कम	तांत्रिक मंजूरी	प्रशासकीय मंजूरी
1.	पालघर	केळवा	1171	2022-23	1	5,66,008/-	22/22.09.2022	APCCF(MC)/AA/58, dt. 23.09.2022
2.		विराथन बु. 1	358		1	5,66,008/-	18/22.09.2022	APCCF(MC)/AA/59, dt. 23.09.2022
3.		विराथन बु. 2	358		1	5,66,008/-	19/22.09.2022	APCCF(MC)/AA/60, dt. 23.09.2022
4.		मांजुर्लि 1	71		1	5,66,008/-	20/22.09.2022	APCCF(MC)/AA/67, dt. 23.09.2022
5.		मांजुर्लि 2	71		1	5,66,008/-	21/22.09.2022	APCCF(MC)/AA/68, dt. 23.09.2022

सदर मंजूर अंदाजपत्रकातील बाबीनुसार व मंजूर रक्कमेच्या अधिन राहून खर्च करण्यात यावा. मंजूर रकमेपेक्षा अधिक खर्च केला जाणार नाही याची दक्षता घ्यावी. सदरची कामे विहीत मुदतीत पूर्ण करणेची आहेत. रोपवनामध्ये करणेत येणा-या कामांच्या नोंदी विहीत प्रपत्रातील नोंदवहीमध्ये नियमितपणे घेणेच्या आहेत.


(आर. टी. मगदुम)
सहा. वनसंरक्षक,
कांदळवन कक्ष, मुंबई

प्रति,

वनक्षेत्रपाल कांदळवन कक्ष, पालघर

प्रत : उपवनसंरक्षक कांदळवन कक्ष, मुंबई यांना माहितीस्तव सादर.

प्रत : विभागीय वन अधिकारी मुंबई कोळवन क्षेत्रात वारक जोडले जाणारे माहिती व आवश्यक कार्यवाहीस्तव सादर.

Estimate for Mangrove Plantation by Fish Bone Channel Method using propagules (334 cmt /Ha)

PPO/First year Operations 2022-23

Division - Mangrove Cell, Mumbai

Village- Manjurli 1

Range- Mangrove Cell, palghar

Survey No. 71

Sr.No	Item of work	First year operations					Daily wages rate				
		Estimate of Mangrove plantation					1 Ha				
		1 ha.					1 Ha				
		MD	Wages	M/s	Total	MD	Wages	M/s	Total		
4444 Propagules per ha											432.92
Spacement:1.5mX1.5m											
1	Preparation of site (including removal of weeds and climberets.) and alignment removal of garbage and moss around the plants etc.	10.00	4329.20	311.00	4640.20		10.00	4329.20	311.00	4640.20	
2	Excavation of primary and secondary canals in hard stiff clay for letting in tidal waters (334 cmt/ha.)	508.82	220278.35	0.00	220278.35	508.82	220278.35	0.00	220278.35		
3	Transport of plants by Boat/tempo from nursery to plantation site incl. loading etc.	5.00	2164.60	3000.00	5164.60	5.00	2164.60	3000.00	5164.60		
4	Planting incl. carrying of plants by headload.	25.00	10823.00	0.00	10823.00	25.00	10823.00	0.00	10823.00		
5	Purchase of material (Ghamela, phawda, rope etc. plantaon board etc.)	0.00	0.00	1000.00	1000.00	0.00	0.00	1000.00	1000.00		
6	Casualty Replacement (20%) including carrying the plants by headloads.	10.00	4329.20	0.00	4329.20	10.00	4329.20	0.00	4329.20		
7	Controlling of pests and insects by using pesticides and insecticides. Spraying nutrients for better growth of plants.	0.00	0.00	700.00	700.00	0.00	0.00	700.00	700.00		
8	Watch and ward and removal of garbage and moss around the plants etc. Period 10 month of FYO 1 lab for 10 ha. (From SYO For 12 Month)	26.00	11255.92	0.00	11255.92	26.00	11255.92	0.00	11255.92		
9	Repairs of Channels	25.44	11013.48	0.00	11013.48	25.44	11013.48	0.00	11013.48		
10	Total	610.26	264193.76	5011.00	269204.76	610.26	264193.76	5011.00	269204.76		
11	Labour welfare 3 % on wages				7925.81				7925.81		
12	Contingencies 4% on M & S				200.44				200.44		
13	Grand Total				277331.01				277331.01		

Estimate for Mangrove Plantation by Fish Bone Channel Method using propagules (334 cmt /Ha)

Second Operations 2022-23

Division - Mangrove Cell, Mumbai

Range- Mangrove Cell, palghar

Village- Manjurli 1

Survey No. 71

Sr.No	4444 Propagules per ha Spacement:1.5mX1.5m	Item of work	second year operations				Estimate of Mangrove plantation				Daily wages rate			
			1 ha.				1 Ha				1 Ha			
			MD	Wages	M/s	Total	MD	Wages	M/s	Total	MD	Wages	M/s	Total
1		Preparation of site (including removal of weeds and climberets.) and alignment removal of garbage and moss around the plants etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2		Excavation of primary and secondary canals in hard stiff clay for letting in tidal waters (334 cmt/ha.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3		Transport of plants by Boat/tempo from nursery to plantation site incl. loading etc.	2.50	1190.53	2800.00	3990.53	2.50	1190.53	2800.00	3990.53	2.50	1190.53	2800.00	3990.53
4		Planting incl. carrying of plants by headload.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5		Purchase of material (Ghamela, phawda, rope etc. plantaion board etc.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6		Casualty Replacement (20%) including carrying the plants by headloads.	10.00	4762.10	0.00	4762.10	10.00	4762.10	0.00	4762.10	10.00	4762.10	0.00	4762.10
7		Controlling of pests and insects by using pesticides and insecticides. Spraying nutrients for better growth of plants.	1.00	476.21	200.00	676.21	1.00	476.21	200.00	676.21	1.00	476.21	200.00	676.21
8		Watch and ward and removal of garbage and moss around the plants etc. Period 10 month of FYO 1 lab for 10 ha. (From SYO For 12 Month)	31.20	14857.75	0.00	14857.75	31.20	14857.75	0.00	14857.75	31.20	14857.75	0.00	14857.75
9		Repairs of Channels	69.05	32882.30	0.00	32882.30	69.05	32882.30	0.00	32882.30	69.05	32882.30	0.00	32882.30
10		Total	113.75	54168.89	3000.00	57168.89	113.75	54168.89	3000.00	57168.89	113.75	54168.89	3000.00	57168.89
11		Labour welfare 3 % on wages				1625.07				1625.07				1625.07
12		Contingencies 4% on M & S				120.00				120.00				120.00
13		Grand Total				58913.95				58913.95				58913.95

Estimate for Mangrove Plantation by Fish Bone Channel Method using propagules (334 cmt /Ha)

Third Year Operations 2022-23

Division - Mangrove Cell, Mumbai

Range- Mangrove Cell, palghar

Village- Manjuri 1

Survey No.

71

Sr.No	4444 Propagules per ha Spacement:1.5mX1.5m	Item of work	Third year operations				Estimate of Mangrove plantation				Daily wages rate			
			1 ha.				1 Ha							
			MD	Wages	M/s	Total	MD	Wages	M/s	Total	MD	Wages	M/s	Total
1		Preparation of site (including removal of weeds and climberets.) and alignment removal of garbage and moss around the plants etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2		Excavation of primary and secondary canals in hard stiff clay for letting in tidal waters (334 cmt/ha.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3		Transport of plants by Boat/tempo from nursery to plantation site incl. loading etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4		Planting incl. carrying of plants by headload.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5		Purchase of material (Ghamela, phawda, rope etc. plantation board etc.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6		Casualty Replacement (20%) including carrying the plants by headloads.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7		Controlling of pests and insects by using pesticides and insecticides. Spraying nutrients for better growth of plants.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8		Watch and ward and removal of garbage and moss around the plants etc. Period 10 month of FYO 1 lab for 10 ha. (From SYO For 12 Month)	31.20	16343.50	0.00	16343.50	31.20	16343.50	0.00	16343.50	31.20	16343.50	0.00	16343.50
9		Repairs of Channels	69.05	36170.46	0.00	36170.46	69.05	36170.46	0.00	36170.46	69.05	36170.46	0.00	36170.46
10		Total	100.25	52513.96	0.00	52513.96	100.25	52513.96	0.00	52513.96	100.25	52513.96	0.00	52513.96
11		Labour welfare 3 % on wages				1575.42				1575.42				1575.42
12		Contingencies 4% on M & S				0.00		0.00		0.00				0.00
13		Grand Total				54089.38		54089.38						54089.38

Fourth Year Operations 2022-23

Range- Mangrove Cell, palghar

Survey No.

Sr.No	Village- Manjurli 1	4444 Propagules per ha Spacement:1.5mX1.5m	Fourth year operations				Daily wages rate				576.21
			Estimate of Mangrove plantation								
			1 ha.				1 Ha				
			MD	Wages	M/s	Total	MD	Wages	M/s	Total	
		Item of work									
1		Preparation of site (including removal of weeds and clamberets.) and alignment removal of garbage and moss. around the plants etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2		Excavation of primary and secondary canals in hard stiff clay for letting in tidal waters (334 cmt/ha.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3		Transport of plants by Boat/tempo from nursery to plantation site incl. loading etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4		Planting incl. carrying of plants by headload.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5		Purchase of material (Ghamela, phawda, rope etc. plantaion board etc.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6		Casualty Replacement (20%) including carrying the plants by headloads.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7		Controlling of pests and insects by using pesticides and insecticides. Spraying nutrients for better growth of plants.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Watch and ward and removal of garbage and moss around the plants etc. Period 10 month of FYO 1 lab for 10 ha.	31.20	17977.75	0.00	17977.75	31.20	17977.75	0.00	17977.75	0.00
8		(From SYO For 12 Month)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17977.75	0.00
9		Repairs of Channels	31.20	17977.75	0.00	17977.75	31.20	17977.75	0.00	539.33	0.00
10		Total				539.33					18517.08
11		Labour welfare 3 % on wages				0.00					
12		Contingencies 4% on M & S									
13		Grand Total				18517.08					

Estimate for Mangrove Plantation by Fish Bone Channel Method using propagules (334 cmt /Ha)

Fifth year Operations 2022-23

Division - Mangrove Cell, Mumbai

Range- Mangrove Cell, palghar

Village- Manjurli 1

Survey No.

71

Sr.No	Item of work	Fifth year operations					Estimate of Mangrove plantation					Daily wages rate				
		1 ha.					1 Ha					1 Ha				
		MD	Wages	M/s	Total	MD	Wages	M/s	Total	MD	Wages	M/s	Total	MD	Wages	M/s
4444	Propagules per ha															
	Spacement:1.5mX1.5m															
1	Preparation of site (Including removal of weeds and climberets.) and alignment removal of garbage and moss around the plants etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Excavation of primary and secondary canals in hard stiff clay for letting in tidal waters (334 cmt/ha.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Transport of plants by Boat/tempo from nursery to plantation site incl. loading etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Planting incl. carrying of plants by headload.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Purchase of material (Ghamela, phawda, rope etc. plantaion board etc.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Casualty Replacement (20%) including carrying the plants by headloads.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Controlling of pests and insects by using pesticides and insecticides. Spraying nutrients for better growth of plants.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Watch and ward and removal of garbage and moss around the plants etc. Period 10 month of FYO 1 lab for 10 ha. (From SYO For 12 Month)	31.20	19775.50	0.00	19775.50	31.20	19775.50	0.00	19775.50	31.20	19775.50	0.00	19775.50	31.20	19775.50	0.00
9	Repairs of Channels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Total	31.20	19775.50	0.00	19775.50	31.20	19775.50	0.00	19775.50	31.20	19775.50	0.00	19775.50	31.20	19775.50	0.00
11	Labour welfare 3 % on wages				593.26				593.26							593.26
12	Contingencies 4% on M & S				0.00				0.00							0.00
13	Grand Total				20368.76				20368.76							20368.76

Estimate for Mangrove Plantation by Fish Bone Channel Method using propagules (334 cmt /Ha)

Sixth Year Operations 2022-23

Division - Mangrove Cell, Mumbai

Range- Mangrove Cell, palghar

Village- Manjurli 1

Survey No. 71

Sr.No	4444 Propagules per ha Spacement:1.5mX1.5m	Item of work	Sixth year operations					Daily wages rate				
			Estimate of Mangrove plantation					1 Ha				
			1 ha.					1 Ha				
			MD	Wages	M/s	Total	MD	Wages	M/s	Total		
1		Preparation of site (including removal of weeds and clamberets.) and alignment removal of garbage and moss around the plants etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2		Excavation of primary and secondary canals in hard stiff clay for letting in tidal waters (334 cmt/ha.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3		Transport of plants by Boat/tempo from nursery to plantation site incl. loading etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4		Planting incl. carrying of plants by headload.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5		Purchase of material (Ghamela, phawda, rope etc. plantaion board etc.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6		Casualty Replacement (20%) including carrying the plants by headloads.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7		Controlling of pests and insects by using pesticides and insecticides. Spraying nutrients for better growth of plants.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8		Watch and ward and removal of garbage and moss around the plants etc. Period 10 month of FYO 1 lab for 10 ha. (From SYO For 12 Month)	31.20	21752.95	0.00	21752.95	31.20	21752.95	0.00	21752.95	0.00	21752.95
9		Repairs of Channels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10		Total	31.20	21752.95	0.00	21752.95	31.20	21752.95	0.00	21752.95	0.00	21752.95
11		Labour welfare 3 % on wages										652.59
12		Contingencies 4% on M & S										0.00
13		Grand Total				22405.54						22405.54

Village- Manjurli 1

Range- Mangrove Cell, palghar
Survey No. 71

71

Sr.No	Village- Manjurni 1	4444 Propagules per ha		Seventh year operations				Daily wages rate			
		Spacement:1.5mX1.5m		Estimate of Mangrove plantation				766.93			
		Item of work		1 ha.				1 Ha			
		MD	Wages	M/s	Total	MD	Wages	M/s	Total		
1		Preparation of site (including removal of weeds and climberets.) and alignment removal of garbage and moss around the plants etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2		Excavation of primary and secondary canals in hard stiff clay for letting in tidal waters (334 cmt/ha.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3		Transport of plants by Boat/tempo from nursery to plantation site incl. loading etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4		Planting incl. carrying of plants by headload.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5		Purchase of material (Ghamela, phawda, rope etc. plantaion board etc.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6		Casualty Replacement (20%) including carrying the plants by headloads.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7		Controlling of pests and insects by using pesticides and insecticides. Spraying nutrients for better growth of plants.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Watch and ward and removal of garbage and moss around the plants etc. Period 10 month of FYO 1 lab for 10 ha.	31.20	23928.22	0.00	23928.22	31.20	23928.22	0.00	23928.22	0.00
8		(From SYO For 12 Month)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9		Repairs of Channels	31.20	23928.22	0.00	23928.22	31.20	23928.22	0.00	23928.22	0.00
10		Total				717.85					717.85
11		Labour welfare 3 % on wages				0.00					0.00
12		Contingencies 4% on M & S				0.00					0.00
13		Grand Total				24646.06					24646.06

Estimate for Mangrove Plantation by Fish Bone Channel Method using propagules (334 cmt /Ha)

Eight Year Operations 2022-23

Division - Mangrove Cell, Mumbai

Range- Mangrove Cell, palghar

Village- Manjurli 1

Survey No.

71

Sr.No	4444 Propagules per ha Spacement:1.5mX1.5m	Item of work	Eight year operations				Daily wages rate			
			Estimate of Mangrove plantation				1 Ha			
			1 ha.				1 Ha			
			MD	Wages	M/s	Total	MD	Wages	M/s	Total
1		Preparation of site (including removal of weeds and climberets.) and alignment removal of garbage and moss around the plants etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2		Excavation of primary and secondary canals in hard stiff clay for letting in tidal waters (334 cmt/ha.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3		Transport of plants by Boat/tempo from nursery to plantation site incl. loading etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4		Planting incl. carrying of plants by headload.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5		Purchase of material (Ghamela, phawda, rope etc. plantaion board etc.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6		Casualty Replacement (20%) including carrying the plants by headloads.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7		Controlling of pests and insects by using pesticides and insecticides. Spraying nutrients for better growth of plants.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8		Watch and ward and removal of garbage and moss around the plants etc. Period 10 month of FYO 1 lab for 10 ha. (From SYO For 12 Month)	31.20	26320.94	0.00	26320.94	31.20	26320.94	0.00	26320.94
9		Repairs of Channels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10		Total	31.20	26320.94	0.00	26320.94	31.20	26320.94	0.00	26320.94
11		Labour welfare 3 % on wages								789.63
12		Contingencies 4% on M & S								0.00
13		Grand Total				27110.57				27110.57

Estimate for Mangrove Plantation by Fish Bone Channel Method using propagules (334 cmt /Ha)

Ninth Year Operations 2022-23

Division - Mangrove Cell, Mumbai

Range- Mangrove Cell, palghar

Village- Manjurli 1

Survey No. 71

Sr.No	Item of work	Ninth year operations						Daily wages rate			
		Estimate of Mangrove plantation						1 Ha			
		1 ha.						1 Ha			
		MD	Wages	M/s	Total	MD	Wages	M/s	Total		
4444	Propagules per ha										927.98
	Spacement:1.5mX1.5m										
1	Preparation of site (including removal of weeds and climberets.) and alignment removal of garbage and moss around the plants etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Excavation of primary and secondary canals in hard stiff clay for letting in tidal waters (334 cmt/ha.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Transport of plants by Boat/tempo from nursery to plantation-site incl. loading etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Planting incl. carrying of plants by headload.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Purchase of material (Ghamela, phawda, rope etc. plantaion board etc.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Casualty Replacement (20%) including carrying the plants by headloads.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Controlling of pests and insects by using pesticides and insecticides. Spraying nutrients for better growth of plants.										
	Watch and ward and removal of garbage and moss around the plants etc. Period 10 month of FYO 1 lab for 10 ha.	31.20	28952.98	0.00	28952.98	31.20	28952.98	0.00	28952.98	0.00	28952.98
8	(From SYO For 12 Month)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Repairs of Channels	31.20	28952.98	0.00	28952.98	31.20	28952.98	0.00	28952.98	0.00	28952.98
10	Total				868.59						868.59
11	Labour welfare 3 % on wages				0.00						0.00
12	Contingencies 4% on M & S										
13	Grand Total				29821.57						29821.57

Estimate for Mangrove Plantation by Fish Bone Channel Method using propagules (334 cmt /Ha)

Tenth Year Operations 2022-23

Division - Mangrove Cell, Mumbai

Village- Manjurli 1

Range- Mangrove Cell, palghar

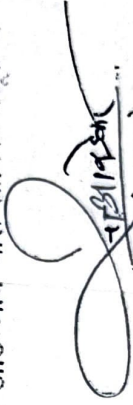
Survey No. 71

Sr.No	4444 Propagules per ha Spacement:1.5mX1.5m	Tenth year operations				Estimate of Mangrove plantation				Daily wages rate			
		1 ha.				1 Ha							
		MD	Wages	M/s	Total	MD	Wages	M/s	Total	MD	Wages	M/s	Total
1	Preparation of site (including removal of weeds and clamberets.) and alignment removal of garbage and moss around the plants etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Excavation of primary and secondary canals in hard stiff clay for letting in tidal waters (334 cmt/ha.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Transport of plants by Boat/tempo from nursery to plantation site incl. loading etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Planting incl. carrying of plants by headload.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Purchase of material (Ghamela, phawda, rope etc. plantaion board etc.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Casualty Replacement (20%) including carrying the plants by headloads.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Controlling of pests and insects by using pesticides and insecticides. Spraying nutrients for better growth of plants.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Watch and ward and removal of garbage and moss around the plants etc. Period 10 month of FYO 1 lab for 10 ha. (From SYO For 12 Month)	31.20	31848.02	0.00	31848.02	31.20	31848.02	0.00	31848.02	31.20	31848.02	0.00	31848.02
9	Repairs of Channels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Total	31.20	31848.02	0.00	31848.02	31.20	31848.02	0.00	31848.02	31.20	31848.02	0.00	31848.02
11	Labour welfare 3 % on wages.				955.44				955.44				955.44
12	Contingencies 4% on M & S				0.00				0.00				0.00
13	Grand Total				32803.46				32803.46				32803.46

Abstract

Sr. No.	Year	Amount in Rs.
1	I Year	277331.00
2	II Year	58914.00
3	III Year	54089.00
4	IV Year	18517.00
5	V Year	20369.00
6	VI Year	22406.00
7	VII Year	24646.00
8	VIII Year	27111.00
9	IX Year	29822.00
10	X Year	32803.00
Total		566008.00

अंदाजपत्रकीय रक्कम रु. 566008/- अक्षरी रु. पाच लाख सहाशष्ट हजार आणि आठ मान यास तांत्रिक मंजूरी देण्यात येत आहे
 तांत्रिक मंजूरी क्र. 20/2022-23
 पालघर, दिनांक 23/09/2022



सागर अनंत आरडेकर

वन परिक्षेत्र अधिकारी

कांदळवन कक्ष, पालघर

Administratively approved for Rs. 5,66,008/-

(Rs. Five Lakhs Sixty Six Thousand and eight only.)

Only under this office No. APCCF(MC)/ANGT, dt. 23/09/2022.



Asstt. Conservator of Forest,
 Mangrove Cell, Mumbai.