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Name of the Project :- Proposal of Installation of Polypropylene unit at Rasayani and Interconnecting pipelines from BPCI
Mumbai Refinery to Rasayani

Circle :

Thane Forest Circle

Division :

Alibag Forest Division

Range :

Panvel

Village :

Somtane, Narpoli, Devloli, Shirdhon

Expenditure of felling & Transportation of trees from the site Rate as per Wage Board Sanctioned for year 2019-20

Item No.	Particular	Unit	Quantity	Rate (per hundred)	Amount
1	Clearing the site & Removing the bushes				
2	Felling of trees				5000.00
	30 cm. below	Nos.	48	323	15504
	31 cm. to 45 cm.	Nos.	244	500	122000
	46 cm. to 60 cm.	Nos.	304	1276	387904
	61 cm. to 75 cm.	Nos.	292	1913	558596
	76 cm. to 90 cm.	Nos.	207	2546	527022
	91 cm. to 105 cm.	Nos.	0	2916	0
	106 cm. to 120 cm.	Nos.	0	3616	0
	121 cm. to 150 cm.	Nos.	0	6796	0
	151 cm. to 180 cm.	Nos.	0	7725	0
	181 cm. to 200 cm.	Nos.	0	10625	0
	201 cm. to 250 cm.	Nos.	0	13518	0
	251 cm. to 300 cm.	Nos.	0	17392	0
	301 cm. and above	Nos.	0	21256	0
3	Total		1095		16110.76
	Preparation of Timber				
	A) Fashioning of Timber preparation per Cmt.	Cum.	25	298	7450.00
4	Total				18000.00
	A) Measurement of timber logs per Cmt.	Cum.	25	72	1800.00
	C) Numbering of logs per hundred	Nos.	700	186	130200
5	Total				3102.00
	Preparation of Firewood				
	A) Stacking 1 Cmt. of firewood near SO Mts. premises	Cum.	350	124	43400.00
	B) Draging of firewood for trasportaion	Cum.	350	50	17500.00
6	Total				17500.00
	Draging of timber				
7	Salary of Mukadam (3 person for 2 month)	Cum.	25	500	12500
8	Depot Expenditure	Nos.	6	9200	55200.00
	A) Making Stacks of Timber	Cum.	25	217	5425
	B) Numbering by Nails per hundred	Nos.	700	168	117600
	C) Specieswise & Measurment wise Distribution of Fuel Wood	Cum.	100	75	7500
9	Total				71250.00
10	Transportation	Cum.	25	44	1100
	A) Draging Path				
11	B) Transport by bullock cart distance 0 to 2.00 Km.			Lumpsum	15000.00
	C) Transport firewood by Truck to nearest depot	Cum.	0	Lumpsum	0
	Total	Cum.	375	150	56250.00
	TOTAL				380632.76
	5%				19031.86
	Contingencies				
	Total				399669.12
	Say				399670.00

Date: 31/01/2020

Place: Panvel

Assistant Conservator of Forest, Panvel

Range Forest Officer, Panvel

Manish Kumar
Deputy Conservator of Forest
Alibag

Name of the Project :- Proposal of Installation of Polypropylene unit at Rasayani and Interconnecting pipelines from BPCL Mumbai Refinery to Rasayani
Panvel Range

Counting of the Trees "B" Form Abstract											
Species	No. of trees per girth class										
	below 30cm	31-45	46-60	61-75	76-90	91-105	106-120	121-135	136-150	above 150	Total
Teak	6	190	238	236	144	66	20	4	0	0	904
Khair	6	20	10	12	2	0	0	0	0	0	50
Ain	0	0	2	0	4	0	2	0	0	0	8
Other Spp.	36	34	54	44	57	27	20	16	32	40	360
Final Count	48	244	304	292	207	93	42	20	32	40	1322

Total Yields According to Form Factor											
Species	No. of trees per girth class										
	below 30cm	31-45	46-60	61-75	76-90	91-105	106-120	121-135	136-150	above 150	Total
Teak	6	190	238	236	144	66	20	4	0	0	904
Form Factor Per tree Cmt	0.025	0.034	0.059	0.109	0.185	0.285	0.416	0.500	0.525	0.535	
Total Cmt.	0.15	6.46	14.042	25.724	26.64	18.81	8.32	2	0	0	91.826
Khair	6	20	10	12	2	0	0	0	0	0	50
Form Factor Per tree Cmt	0.005	0.010	0.015	0.094	0.174	0.250	0.326	0.401	0.406	0.520	
Total Cmt.	0.03	0.2	0.15	1.128	0.348	0	0	0	0	0	1.856
Ain	0	0	2	0	4	0	2	0	0	0	8
Form Factor Per tree Cmt	0.005	0.025	0.073	0.154	0.235	0.316	0.397	0.470	0.515	0.545	
Total Cmt.	0	0	0.146	0	0.94	0	0.794	0	0	0	1.88
Other Spp.	36	34	54	44	57	27	20	16	32	40	360
Form Factor Per tree Cmt	0.005	0.025	0.048	0.082	0.127	0.182	0.247	0.323	0.350	0.370	
Total Cmt.	0.18	0.85	2.592	3.608	7.239	4.914	4.94	5.168	11.2	14.8	55.491
Net Total Cmt.	0.36	7.51	16.93	30.46	35.167	23.724	14.054	7.168	11.2	14.8	161.373

Assistant Conservator of Forest, Panvel

Range Forest Officer, Panvel

(Mamlesh K. Nagar)
Deputy Conservator of Forest
Alibag

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Name of the Project :- Proposal of Installation of Polypropylene unit at Rasayani and Interconnecting pipelines from BPCI
Mumbai Refinery to Rasayani

Circle: Thane Forest Circle
Division: Alibag Forest Division
Range: Uran
Village: Vahal, Sonkhar, Ulve

Expenditure of felling & Transportation of trees from the site Rate as per Wage Board Sanctioned for year 2019-20

Item No.	Particular	Unit	Quantity	Rate (per hundred)	Amount
					5000.00
1	Clearing the site & Removing the bushes				
2	Felling of trees	Nos.	8940	323	28876.2
	30 cm. below	Nos.	1647	500	823500
	31 cm. to 45 cm.	Nos.	0	1276	0
	46 cm. to 60 cm.	Nos.	0	1913	0
	61 cm. to 75 cm.	Nos.	0	2546	0
	76 cm. to 90 cm.	Nos.	0	2916	0
	91 cm. to 105 cm.	Nos.	0	3616	0
	106 cm. to 120 cm.	Nos.	0	6796	0
	121 cm. to 150 cm.	Nos.	0	7725	0
	151 cm. to 180 cm.	Nos.	0	10625	0
	181 cm. to 200 cm.	Nos.	0	13518	0
	201 cm. to 250 cm.	Nos.	0	17392	0
	251 cm. to 300 cm.	Nos.	0	21256	0
	301 cm. and above		10582		37086.20
	Total				
3	Preparation of Timber				
	A) Fashioning of Timber preparation per Cmt.	Cum.	0	298	0
	Total	Cum.	0	72	0
4	A) Measurement of timber logs per Cmt.	Nos.	0	186	0
	C) Numbering of logs per hundred				0.00
	Total	Cum.	90	124	11160.00
5	Preparation of Firewood	Cum.	90	50	4500.00
	A) Stacking 1 Cmt. of firewood near SO Mts. premises	Cum.	90	50	4500.00
	B) Draging of firewood for trasportaion			Total	20160.00
		Cum.	0	0	0
6	Draging of timber	Nos.	4	9200	36800.00
7	Salary of Mukadam (2 person for 2 month)				0
8	Depot Expenditure	Cum.	0	217	0
	A) Making Stacks of Timber	Nos.	0	168	0
	B) Numbering by Nails per hundred	Cum.	90	75	6750
	C) Specieswise & Measurment wise Distribution of Fuel Wood	Cum.	0	44	0
9	A) Timber Measurement				
10	Transportation			Lumpsum	15000.00
	A) Draging Path				0.00
11	B) Transport by bullock cart distance	Cum.	0	Lumpsum	0.00
	0 to 2.00 Km.	Cum.	90	100	9000.00
	C) Transport firewood by Truck to nearest depot				24000.00
	Total			Total	129796.20
				5%	6489.81
	TOTAL			Contingencies	
				Total	136286.01
	TOTAL			Say	136287.00

Date: 30/01/2020
Place: Panvel

Assistant Conservator of Forest, Panvel

Range Forest Officer Uran

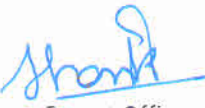
(Manish Kumar)
Deputy Conservator of Forest
Alibag

Name of the Project :- Proposal of Installation of Polypropylene unit at Rasayani and Interconnecting pipelines from BPCL Mumbai Refinery to Rasayani

Counting of the Trees "B" Form Abstract							
Species	No. of trees per girth class						
	below 30cm	31-45	46-60	61-75	76-90	91-105	Total
Mangrove	8940	1642	0	0	0	0	10582
Final Count	8940	1642	0	0	0	0	10582

Total Yields According to Form Factor							
Species	No. of trees per girth class						
	below 30cm	31-45	46-60	61-75	76-90	91-105	Total
Mangrove	8940	1642	0	0	0	0	
Form Factor Per tree Cmt.	0.005	0.025	0.048	0.082	0.127	0.182	
Total Cmt.	44.7	41.05	0	0	0	0	85.75


Assistant Conservator of Forest, Panvel


Range Forest Officer Uran


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Alibag