

Project Name - Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahaj-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL).

B-Form

(No. of Trees- 65)

Sr. No	Local Name of species	Girth Class										Total
		Below 30 Cms	31 to 45	46 to 60	61 to 75	76 to 90	91 to 105	106 to 120	121 to 135	Above 136		
1	2	3	4	5	6	7	8	9	10	11	12	
1	Sagwan	0	4	2	2	1	0	0	0	0	9	
2	Ain	0	1	2	0	0	0	0	0	0	3	
3	Inferior Injali	5	21	12	7	8	0	0	0	0	53	
	TOTAL	5	26	16	9	9	0	0	0	0	65	

Santosh Saste

(Santosh Saste)

Deputy Conservator of Forests
Thane Forest Division Thane

o/c



महाराष्ट्र शासन
वनविभाग



महाराष्ट्र शासन

वनविभाग

वनपरिक्षेत्र अधिकारी कल्याण यांचे कार्यालय

नऊव्या फुले चौक, कल्याण पूर्व

पत्र

जा.क्र.कक्षा-गोअणी/ 567 /सन 2022-23 कल्याण-421301

दिनांक 14 जुलै 2022

विषय : Application for obtaining permission for laying 24 Dia pipeline From Mumbai-Nagpur Along Reserved / Revenue Forest in Right of Way/Use of Saharudhi Expressway Dahajuran pipeline (DUPL) & Mumbai Mahmad Bijwasan pipeline (MMBPL) in Thane District Falling Under Your Jurisdiction.

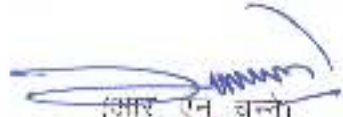
प्रति

मा. रण वनसंरक्षक,
ठाणे वनविभाग, ठाणे
मार्फत मा. सहा. वनसंरक्षक (र.रा.ग. व वन्यजीव), ठाणे.

संदर्भ : वनापाल खडवली यांचेकडील पत्र क्र. 26 दिनांक 11.07.2022.

उपरोक्त विषयान्वये प्रकल्प यंत्रणेने नागणी केलेल्या वनजमीनीचे स्थळ पाहणी करून मागणी क्षेत्र वरील अशाब्दाची खात्री करून प्रस्तावांतर्गत क्षेत्रातील झाडांची गोळमी करून झाडांची बावी तसेच सदर वृक्षतोडीसाठी विक्री आगारावर पाहणुक करण्याकरिता लागूपाऱ्या खर्चाचे अंदाजपत्रक तयार करून यासोबत सादर करण्यांत येत आहे.

करीता सविनय सादर.


(आर. एन. वन्ने)
वन परिक्षेत्र अधिकारी
कल्याण

Estimated cost estimates Project Name

Range Kalyan
Round Khadavalli
Route Phategaon
Village Name Runcle
C.No./S.No. 87
No. of trees falling : 17
Name of Depot Saja Depot Murbad
Distance to Depot 20 km
Daily wages rate 387.23
Total Area in ha. 0.2256

I) Preparatory Operations

Sr.no.	Details of Item	Unit	MD/Unit	wages	Material supply	Total	Quantity	MD/Unit	Wages	Material supply	Total Amt.
1	2	3	4	5	6	7	8	9	10	11	12
1	Survey & Demarcation		0.75	387.23	25.00	412.23	0.2256	0.169	87.35	5.64	93.00
2	100 % Enumeration of tree before felling	Hundreds	0.75	387.23	25.00	412.23	17.00	0.13	65.83	4.25	70.08
3	Numbering of trees on two place by numbering no.'s and / or at point other taking blaze by day	Hundreds	2.50	387.23	50.00	437.23	17.00	0.43	65.83	6.50	74.33
4	Marking of trees by Marking Hammers	Hundreds	0.75	387.23	25.00	412.23	17.00	0.13	65.83	4.25	70.08
							Total	0.870	284.85	22.84	307.49
										Total Amt	307

वनपरिक्षेत्र अधिकारी
कल्याण (प्रा.)

II) Estimate for Exploitation

Village Name-Runde S.No.87

Division-Tezpur

Range - Kalyan

S.No.	Details of Item	Rate percent	quantity	Total wages	Remarks
1	2	3	4	5	6
5	Felling of tree by saw/axe				
i	Below-30cms	342.00	2	6.84	Wage Board Rates 2020-21
ii	30-45	529.00	12	63.60	
iii	46-60	353.00	3	10.56	
iv	61-75	2028.00	0	0.00	
v	76-90	2604.00	0	0.00	
vi	91-105	3326.29	0	0.00	
vii	106-120	4123.58	0	0.00	
viii	21-135	7756.05	0	0.00	
ix	135-150	8808.80	0	0.00	
x	Above 150 cms.	12116.14	0	0.00	
	Total		17.00	111.00	0.00

17.00

0.00

6	Preparation of Timber					
	A.Fashioning of Timber	Cum	316.00	12.89	4071.66	Wage Board Rates 2020-21
	B.Making vases				0.00	
	The side of the fence sinks				0.00	
	Below-30cms	Hundreds	0.00		0.00	
	30-45	Hundreds	0.00		0.00	
	46-60	Hundreds	0.00		0.00	
	C.Describing of Non-rosk species	cum	292.00	29.63	8650.79	
7	A.Measurement of Timber	cum	76.00	12.89	979.26	
	B Measurement of poles	cum	62.00	0.00	0.00	
	C.Numbering of snoks	Hundreds	197.00	7.00	32.49	
8	Billeting of firewood in 1.0 m. length & stacking the same within 50m. lead					
	By Axe (50%)	Cum	104.00	21.26	2210.57	
	1.By Saw (50%)	Cum	131.00	21.26	2784.47	
9	D.Dragging & Headload lead for firewood upto loading point					
	upto 100m.(30%)	Cum	250.00	12.75	3188.33	
	upto 50m.(20%)	Cum	375.00	12.75	3507.16	
	upto 200m.(40%)	Cum	300.00	17.00	5101.32	
10	Dragging & Headload lead for firewood upto loading point					
	upto 100m.(30%)	Cum	1600.00	6.90	1441.60	
	upto 200m.(50%)	Cum	2400.00	5.54	13299.60	
11	Watchman - 2 for 2 months(Day and Night)	Days	387.23	104.00	40271.92	
12	Firelines - 15 m. wide along the area of felling	km	3953.00	0.29	1141.55	

13	Erection of temporary shed @ 1 per village for maintenance of records & shelter for labour & supervisor / watchmen - 1 shed	No. of shed	0.00	0.00	indefinite item	
14	Salary of Agent/ Statistician		0.00	0.00		0.00
15	Transport of material produced - inclusive of loading & unloading					
	Timber Material					
	Distance. Skm(bullockcart rate/sum)/Cum		141.00	12.89		1842.36
	B. Transportation of Kila goods					
	Distance 10 km.	Cum	153.67	29.53		4552.53
16	Preparation of Kachela approach roads					
	A. Under the scope	sum		0.900km		5000.00
	B. From the scope to the paved road	sum		1km		0.00
17	passbook price/printing passbook	passbook	250.00	5.00		1250.00
18	Depot - use of privately owned land.	month	2000.00	0.00		0.00
19	office Rent	month	0.00	0.00		0.00
20	Misc. Stationeries - Papers, Registers, Files, Filing, pins, measuring tapes, paints etc	sum				8000.00
21	Printing of mandatory stationery - Jungle Register, Production Registers, Loading Registers, etc.	sum				5000.00
22	Purchase of implements		4.00	250.00		3500.00
23	Maintenance of Axes & saws etc.	sum	300.00	20.00		6000.00
				Total		168937.95
24	Labour Welfare, Insurance & contingencies: 12 % (Drinking water, first aid Kits, anti-vermin services, etc.	कुल				5008.14
				Total		171946.09

III) Expenditure on sale Depot

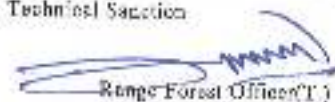
25	Land Rate					
26	Preparation of Timber logs as per gram		230.00	12.89		2963.55
27	Numbering of Timber pieces by number	Hundreds	178.00	17.00		30.26
28	Logging of Qila firewood as per size	cum	80.00	42.51		3400.98
29	Printing of Advertisements	sum				5000.00
30	Advertisements in daily newspapers	sum				0.00
31	Drinking water supply & electricity	sum				3000.00
32	Erection of Temporary sheds for storage	sum				1500.00
33	Measurements of material on Depot					0.00
	A. Timber	cum	47.00	12.89		605.63
	B. Poles	hundreds	77.44	0.00		0.00
	C. Kila					0.00

34	Salary of Staff 3 days and night 3 6 watchman 3 or 3 month	day night	387.23	194.00	46271.92	
35	Stationeries & Materials				0.00	
	A. Office Use				3300.00	
	B. Timber / Qins Receipt registers, A & B form registers, lot & Loting register, sale registers, etc.				1500.00	
36	A. If the number of falling trees in Kupa is 5000 or less	No. of Trees	3201.66	17.00	544.28	
	A. If the number of felling trees in Kupa is more than 5000, for each a growing tree	Hundred trees	0.00	0.00	0.00	
37	Postal Expenditures				1600.00	Actual Expenditures
38	Travel Expenditures				3120.00	
39	Ropes & Lverage tools for dragging & loring works				2000.00	Indefinite Items
40	Labour welfare items				5000.00	Indefinite Items
	Total Expenditure				73636.49	
41	Emergency Exp. 3%				1478.73	
42	Labour welfare - 3 %				2218.96	
	Total Expenditure				77631.51	
	Total				249997.98	

Technical Sanction No./ 13 /2022-23

Date 14/7/2022

Am: Rs 249998 /- words Two Lac Forty Nine Thousand Nine Hundred
Ninty Eight Rs. only) Approv Technical Sanction


Range Forest Officer (T)

Kalyan

Administrative Sanction No./ /2022-23

Date

Am: Rs.249998 /- words Two Lac Forty Nine Thousand Nine Hundred
Ninty Eight Rs. only) Approv Administrative Sanction

Assistant Conservator of Forest (I. R. P. & Wildlife)

Thane

**Runda Survey No. 87 Tree List With
Botanical Name**

NO.	TREE NAME	BOTANICAL NAME
1	Apta	Bauhinia Racemosa
2	Palas	Butea Monosperma
3	Apta	Bauhinia Racemosa
4	Beheda	Terminalia Bellirica
5	Ain	Terminalia Elliptica
6	Ain	Terminalia Elliptica
7	Dhaman	Grewia Tiliifolia
8	Beheda	Terminalia Bellirica
9	Savar	Bombex Ceiba
10	Bor	Zizphus Mauritiana
11	Saag(Teak)	Tectona Grandis
12	Saag(Teak)	Tectona Grandis
13	Apta	Bauhinia Racemosa
14	Apta	Bauhinia Racemosa
15	Apta	Bauhinia Racemosa
16	Apta	Bauhinia Racemosa
17	Bor	Zizphus Mauritiana


Range Forest Officer
Kalyan

Runde Survey No. 87 Tree List with Botanical Name

Sr. No.	Tree Name	Botanical Name	Girth/Width (cm)	Height (m)
1	Apta	Bauhinia Racemosa	43	1.50
2	Palas	Butea Monosperma	26	2.00
3	Apta	Bauhinia Racemosa	37	2.00
4	Beheda	Terminalia Bellirica	57	4.00
5	Ain	Terminalia Elliptica	54	5.00
6	Ain	Terminalia Elliptica	38	3.00
7	Dhaman	Grewia Tiliifolia	35	2.00
8	Beheda	Terminalia Bellirica	44	3.00
9	Savar	Bombex Ceiba	34	2.50
10	Bor	Zizphus Mauritiana	35	3.50
11	Saag (Teak)	Tectona Grandis	33	3.00
12	Saag (Teak)	Tectona Grandis	38	3.00
13	Apta	Bauhinia Racemosa	36	2.00
14	Apta	Bauhinia Racemosa	37	2.00
15	Apta	Bauhinia Racemosa	30	2.00
16	Apta	Bauhinia Racemosa	47	3.00
17	Bor	Zizphus Maurifiana	29	2.00

सहाय्यक वनसंरक्षक (र.रा.प. व वन्यजीव), यांचे कार्यालय,

दरिद्रान कर्मल, आज नवदुर्ग शास्त्री मार्ग, गीपारा, ठाणे - ४०० ६०२, फोन नं. २५४२११०१ जमेल :

dyct@mahaforest.gov.in

विषय : Application for obtaining permission for laying 24 Dia pipeline From Mumbai - Nagpur Along Reserved / Forest of Way/Use of Samrudhhi Expressway Dahej - Uran pipeline (DUPL) & Mumbai Manmad Bijwasan pipeline (MMBPL) in Thane District Falling Under Your Jurisdiction.

उपवनसंरक्षक ठाणे वनविभाग ठाणे येथे रवि कार्यालयीन
कर्मलाने जांच *का. १५२०/१८*
आवक क्र. *९३२२*
१३ MAY २०२२
१९
४१२/२४/०५
कार्यालय अधिपति उपवनसंरक्षक
ठाणे वनविभाग ठाणे

जा. क्र. स्वस/जमीन/ *९९५* / सन २०२२.२३
ठाणे - ४०० ६०२, दिनांक *१३/०५/* २०२२

प्रति,

उप वनसंरक्षक,
ठाणे

संदर्भ वनक्षेत्रपाल कल्याण यांचे कडील पत्र क्र.क२/गोजणी/५६, दिनांक
११.३.२०२२

वनक्षेत्रपाल कल्याण यांनी विषयवर्तित प्रकरणी मागणी केलेल्या वनजमीनीचे स्थळनिहाय पाहणी करून प्रस्तावांतर्गत क्षेत्रातील झाडांची झाडांची प्रजातीनुसार व वेढीप्रमाणे यादी तयार करून तसेच तोडोपासून ते वाहतुकीपर्यंत खर्चाचे अंदाजपत्रक वनक्षेत्रपाल कल्याण यांनी संदर्भात पत्रासोबत अहवालासह या कार्यालयास सादर केले आहे.

वनक्षेत्रपाल यांचा अहवाल स्वयंस्पष्ट असू सदर खर्चाचे अंदाजपत्रक वनक्षेत्रपाल यांचे अहवालासह पुढील आवश्यक त्या कार्यवाहीसाठी सोबत सादर करित आहे.

सहपत्र - वरिलप्रमाणे

Prinjit Beaur
सहाय्यक वनसंरक्षक,
(र.रा.प. व वन्यजीव), ठाणे



A.G.P. (B.R.P.) Thane
Forward No. 16
Date 20/08/2022
Compilation



महाराष्ट्र शासन
वनविभाग

for: fskdnyand@gmail.com

वनपरिक्षेत्र अधिकारी कल्याण यांचे कार्यालय

महत्वा कृते वीक कल्याण परिक्षेत्र

पत्र

जा.क्र.कक्ष-1/मोजणी/ 56 /सन 2020-21 कल्याण-421301 दिनांक 11 मार्च 2022

विषय : Application for obtaining permission for laying 24 Dia pipeline From Mumbai-Nagpur Along Reserved / Revenue Forest in Right of Way/Use of Samrudhhi Expressway Dahej-Uran pipeline (DUPL) & Mumbai Manmad Bijwasan pipeline (MMBPL) in Thane District Falling Under Your Jurisdiction.

प्रति,

मा. उप वनसंरक्षक,
ठाणे वनविभाग, ठाणे
मार्फत मा. सहा. वनसंरक्षक (र.रा.प. व वन्यजीव), ठाणे.

संदर्भ : 1. वनपाल कुंदा यांचेकडील पत्र क्र. 48/ दिनांक 31.01.2022
2. वनपाल खडवली यांचेकडील पत्र क्र. 125 दिनांक 29.01.2022.

उपरोक्त विषयान्वये प्रकल्प यंत्रणेने मागणी केलेल्या वनजमीनीचे स्थळ पाहणी करून मागणी क्षेत्र बरोबर असल्याची खात्री करून प्रस्तावांतर्गत क्षेत्रातील झाडांची मोजणी करून झाडांची यादी तसेच सदर वृक्षतोडीसाठी विक्री आगारावर वाहतूक करण्याकरीता लागणान्या खर्चाचे अंदाजपत्रक तयार करून यातुबत सादर करण्यांत येत आहे.

करीता सविनय सादर.

(प्रार. एन. वन्ने)
वन परिक्षेत्र अधिकारी
कल्याण



By
forshen11@gmail.com



महाराष्ट्र शासन
वनविभाग

वनपरिक्षेत्र अधिकारी कल्याण यांचे कार्यालय

नराला फुले चौक कल्याण पश्चिम

पत्र

जा.क्र.कक्ष-1/नोजणी/ 76 /सन 2020-21 कल्याण-421301

दिनांक 13 मार्च 2022
ए.फ.क

विषय : Application for obtaining permission for laying 24 Dia pipeline From Mumbai-Nagpur Along Reserved / Revenue Forest in Right of Way/Use of Samrudhhi Expressway Dahoj-Uran pipeline (DUPL) & Mumbai Mahmad Bijwasan pipeline (MMBPL) in Thane District Falling Under Your Jurisdiction.

प्रति,

मा. उप वनसंरक्षक,
ठाणे वनविभाग, ठाणे
मार्फत मा. राहा. वनसंरक्षक (र.रा.प. व वन्यजीव), ठाणे.

संदर्भ : 1. वनपाल कुंदा यांचेकडील पत्र क्र. 48 दिनांक 31.01.2022
2. वनपाल खडवली यांचेकडील पत्र क्र. 125 दिनांक 29.01.2022.

उपरोक्त विषयाव्घे प्रकल्प यंत्रणेने मागणी केलेल्या वनजमीनीचे स्थळ पाहणी करून मागणी क्षेत्र बरोबर असल्याची खात्री करून प्रस्तावांतर्गत क्षेत्रातील झाडांची मोजणी करून झाडांची यादी तसेच सदर वृक्षतोडीसाठी पिळी आगारावर याहतूक करण्याकरीता लागणाऱ्या खर्चाचे अंदाजपत्रक तयार करून यासोबत सादर करण्यांत येत आहे.

तसेच 1. गोज नडगांव सर्वे क्र. 98, 92, 69, 75, 78, 69 2. फळेगांव सर्वे क्र. 153, 206, 207, 24 3. उशीव सर्वे क्र. 63, 105, 106, 31 चे क्षेत्र यापुर्वीच समृद्धी महामार्गाकडे वर्ग करण्यांत आले असून सदर क्षेत्रात वृक्ष आढळून येत नाहीत.

करीता सविनय सादर.

(अरि-एन. वन्ने)
वन परिक्षेत्र अधिकारी
कल्याण

Estimated cost estimates Project Name

Range Kalyan
Round Khadavali
Beet Phalegaon
Village Name Runde
C.No./S.No. 88
No. of Trees felling : 14

Name of Depo Sajai Depot, Murbad
Distance of Depot 30 km.
Daily wages rate 387.23
Total Area in ha. 0.0854

1) Preparatory Operations

Sr.No.	Details of Item	Unit	MD/Unit	wages	Material supply	Total	Quantity	MD/Unit	Wages	Material supply	Total Amt.
1	2	3	4	5	6	7	8	9	10	11	12
1	Survey & Demarcation		0.75	387.23	25.00	412.23	0.0954	0.072	36.94	2.39	39.33
2	100 % Estimation of tree before felling	Hundreds	0.75	387.23	25.00	412.23	14.00	0.11	54.21	3.50	57.71
3	Numbering of trees on two places by numbering nails and / or oil paint after taking blood by axe	Hundreds	2.50	387.23	50.00	437.23	14.00	0.35	54.21	7.00	61.21
4	Marking of trees by Marking Hammers	Hundreds	0.75	387.23	25.00	412.23	14.00	0.11	54.21	3.50	57.71
							Total	0.632	199.58	16.39	215.96
										Total Amt	215

सहप्रमुख अधिकारी
कल्याण (मा.)

इमारती	व.मो.	१२.८८५
इजायलॉ	व.मो.	२९.६२६
Total	घ.मो.	४२.५११
Length	km	०.२८१
इमारती (<१०५ m)	घ.मो.	१.८०२
इजायलॉ (>१०५ m)	घ.मो.	११.०८३


 इन्फोसिलॉ अचिकारी
 कल्याण (भा.)

II) Estimate for Exploitation

Village Name-Runde S.No.88

Division-Thane

Range - Kalyan

Srno.	Details of Item	Rate percent	quantity	Total wages	Remarks
1	2	3	4	5	6
5	Felling of tree by saw/axe				
i	Below-30cms.	342.00	0	0.00	Wage Board Rates 2020-21
ii	30-45	530.00	6	31.80	
iii	46-60	1353.00	5	67.65	
iv	61-75	2028.00	3	60.84	
v	76-90	2904.00	0	0.00	
vi	91-105	3326.29	0	0.00	
vii	106-120	4123.68	0	0.00	
viii	121-135	7750.05	0	0.00	
ix	136-150	8808.80	0	0.00	
x	Above 150 cms.	12116.14	0	0.00	
	Total		14.00	160.39	

6	Preparation of Timber					
	A.Fashioning of timber	Cum	216.00	12.89	4071.66	Wage Board Rates 2020-21
	B.Making vases				0.00	
	The side of the fence sinks				0.00	
	Below-30cms.	Hundreds	0.00		0.00	
	30-45	Hundreds	0.00		0.00	
	46-60	Hundreds	0.00		0.00	
	C. Debarking of Non-tank species	cum	292.00	29.63	8650.79	
7	A.Measurement of Timber	cum	76.00	12.89	979.26	
	B.Measurement of poles	cum	62.00	0.00	0.00	
	C.Numbering of stools	Hundreds	197.00	14.00	27.58	
8	Billering of firewood in 1.0 m. length & stacking the same within 50m. Lead					
	I.By Axe (50%)	Cum	104.00	21.26	2210.57	
	I.By Saw (50%)	Cum	131.00	21.26	2784.47	
9	B.Dragging & Headload lead for firewood upto loading point					
	upto 100m.(30%)	Cum	250.00	12.75	3188.33	
	upto 150m.(30%)	Cum	275.00	12.75	3507.16	
	upto 200m.(40%)	Cum	300.00	17.00	5101.32	
10	Dragging & Headload lead for firewood upto loading point					
	upto 100m.(30%)	Cum	1600.00	8.90	1441.60	
	upto 200m.(30%)	Cum	2400.00	5.54	13299.60	
11	Watchman - 2 for 3 months(Day and Night)	Days	387.22	104.00	40271.92	
12	Firelines - 15 m. wide along the area of felling	km	3950.00	0.29	1141.55	

13	Erection of temporary shed @ 1 per village for maintenance of records & shelter for labour & supervisor / watchmen - 1 shed	No. of shed	0.00	0.00	indefinite item	
14	Salary of Agent/ Statistician		0.00	0.00	0.00	
15	Transport of material produced - inclusive of loading & unloading					
	Timber Material					
	Distance Skm(bullockcart rate/ton)	Cum	143.00	12.89	1842.56	
	B. Transportation of Kita goods					
	Distance 10 km.	Cum	153.67	29.62	4552.65	
16	Preparation of Kacheha approach roads					
	A.Under the coupe	lunsum		0.900km	50000.00	indefinite item
	B.From the coupe to the paved road	lunsum		1km	0.00	indefinite item
17	passbook price/printing passbook	passbook	250.00	5.00	1250.00	indefinite item
18	Depot lease of privately owned land	month	2000.00	0.00	0.00	indefinite item
19	office Rent	month	0.00	0.00	0.00	indefinite item
20	Misc. Stationeries - Papers, Registers, Files, Folders, pins, measuring tapes, paints etc.	lunsum			8000.00	indefinite item
21	Printing of mandatory stationery - Jungle Register, Production Registers, Loading Registers, etc.	lunsum			5000.00	indefinite item
22	Purchase of implements		14.00	250.00	3500.00	indefinite item
23	Maintenance of Axes & sawn etc.	lunsum	300.00	30.00	6000.00	indefinite item
			Total		166981.28	
24	Labour Welfare, Insurance & contingencies : 12 % (Drinking water, first aid Kits, anti-venom serums, etc.	कुल			5009.44	
			Total		171990.72	

III) Expenditure on sale Depot

25	Land Rate					
26	Preparation of Timber lots as per go	cum	230.00	12.89	2963.55	
27	Numbering of Timber pieces by nu	Hundreds	178.00	14.00	24.92	
28	Lotting of Qila' firewood as per siz	cum	80.00	43.51	3400.88	
29	Printing of Advertisements	lunsum			5000.00	
30	Advertisements in daily newspapers	lunsum			0.00	
31	Drinking water supply & electricity	lunsum			3000.00	
32	Erection of Temporary sheds for sta	lunsum			1500.00	
33	Measurements of material on Depot				0.00	
	A.Timber	cum	47.00	12.89	605.60	
	B.Poles	hundreds	77.44	0.00	0.00	
	C.kita				0.00	

34	Salary of Staff 3 days and night 3 6 watchman 2 or 3 month	day night	187.23	104.00	40271.92	
35	Stationeries & Materials				0.00	
	A. Office Use				3000.00	
	B. Timber / Qita Receipt registers, A & B form registers, lot & Loting register, sale registers, etc.				1500.00	
36	A. If the number of felling trees in Kupa is 5000 or less	No. of Trees	3201.66	14.00	448.23	
	A. If the number of rod trees in Kupa is more than 5000, for such a growing tree	Hundred trees	0.00	0.00	0.00	
37	Postal Expenditures				1000.00	Actual Expenditures
38	Travel Expenditures				3120.00	
39	Ropes & leverage tools for digging & loring works				3000.00	Indefinite Items
40	Labour welfare items				5000.00	Indefinite Items
	Total Expenditure				73835.10	
41	Emergency Exp. 2%				1476.70	
42	Labour welfare - 3 %				2315.05	
	Total Expenditure				77526.85	
	Total				249893.82	

Technical Sanction No./ /2021-22

Date

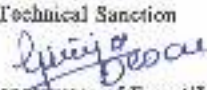
Amr Rs.277895 /- words Two Lac Seventy Seven Thousand Eight Hundred
Nuty Three Rs. only) Approv Technical Sanction


Assistant Conservator of Forest
(K. K. K. K. K.)

Administrative Sanction No./ 8 /2021-22 13-5-2022

Date

Amr Rs.277895 /- words Two Lac Seventy Seven Thousand Eight Hundred
Nuty Three Rs. only) Approv Technical Sanction


Assistant Conservator of Forest (L.R.P. & Wildlife)

Thane

Estimated cost estimates

Project Name

Range Kalyan
Round Kunda
Beat Kunda
Village Name Titwala
C.No./S.No. 247
No. of Tree felling : 34
Name of Depot Sajai Depot, Murbad
Distance of Depot 30 km.
Daily wages rate 387.23
Total Area in ha. 0.3104

1) Preparatory Operations

Sr.no.	Details of Item	Unit	MD/Unit	wages	Material supply	Total	Quantity	MD/Unit	Wages	Material supply	Total Amt.
1	2	3	4	5	6	7	8	9	10	11	12
1	Survey & Demarcation		0.75	387.23	25.00	412.23	0.3104	0.233	120.20	7.76	127.96
2	100 % Enumeration of trees before felling	Hundreds	0.75	387.23	25.00	412.23	34.00	0.26	131.66	8.50	140.16
3	Numbering of trees on two plates by numbering units and 1 or oil paint after tacking blaze by see	Hundreds	2.50	387.23	50.00	437.23	34.00	0.85	131.66	17.00	148.66
4	Marking of trees by Marking Hammers	Hundreds	0.75	387.23	25.00	412.23	34.00	0.26	131.66	8.50	140.16
							Total	1.593	515.17	41.76	556.93
										Total Amt	557

समसिद्ध अधिकारी
कर्मचारी (भट.)

इमारती	म.मी.	६४.६९७
इजायलो	व.मी.	२२.४१३
Total	व.मी.	४८.११०
Langueh	km	०.५०७
इमारती (०.१०५ m)	व.मी.	१
इमारती (०.१०५ m)	व.मी.	२०.७३६

विश्वशिक्षण संशोधन
केंद्र (व.स.)

II) Estimate for Exploitation

Village Name-Titwala S.No. 247

Division-Thane

Range - Kalyan

Srno.	Details of Item	Rate percent	quantity	Total wages	Remarks
1	2	3	4	5	6
5	Felling of tree by saw/axe				
i	Below-30cms.	342.00	2	6.84	Wage Board Rates 2020-21
ii	30-45	530.00	8	42.40	
iii	46-60	1353.00	8	108.24	
iv	61-75	2028.00	6	121.68	
v	76-90	2904.00	9	261.36	
vi	91-105	3326.29	0	0.00	
vii	106-120	4123.68	0	0.00	
viii	121-135	7750.05	0	0.00	
ix	136-150	8808.50	0	0.00	
x	Above 150 cms.	12116.14	0	0.00	
		342.00	0	0.00	
	Total		34.00	545.82	

6	Preparation of Timber					
	A.Fashioning of timber	Cum	316.00	24.70	7804.25	Wage Board Rates 2020-21
	B.Making vases				0.00	
	The side of the fence sinks				0.00	
	Below-30cms.	Hundreds	0.00		0.00	
	30-45	Hundreds	0.00		0.00	
	46-60	Hundreds	0.00		0.00	
	C. Debarking of Non-tank species	cum	292.00	23.41	6836.60	
7	A.Measurement of Timber	cum	75.00	24.70	1876.97	
	B.Measurement of poles	cum	62.00	0.00	0.00	
	C.Numbering of stools	Hundreds	197.00	34.00	66.98	
8	Billering of firewood in 1.0 m. length & stacking the same within 50m. Load					
	1.By Axe (50%)	Cum	104.00	24.06	2501.72	
	1.By Saw (50%)	Cum	131.00	24.06	3151.21	
9	B.Dragging & Headload lead for firewood upto loading point					
	upto 100m.(30%)	Cum	250.00	14.43	3608.25	
	upto 150m.(30%)	Cum	275.00	14.43	3969.08	
	upto 200m.(40%)	Cum	300.00	19.24	5771.20	
10	Dragging & Headload lead for firewood upto loading point					
	upto 100m.(30%)	Cum	1600.00	0.50	800.00	
	upto 200m.(50%)	Cum	2400.00	10.37	24882.20	
11	Watchman - 2 for 3 months(Day and Night)	Days	387.23	104.00	40271.92	
12	Firelines - 15 m. wide along the area of felling	km	2950.00	0.51	2002.65	

13	Erection of temporary shed @ 1 per village for maintenance of records & shelter for labour & supervisor / watchmen - 1 shed	No of shed	0.00	0.00	indefinite item	
14	Salary of Agent/ Statistician		0.00	0.00		0.00
15	Transport of material produced - inclusive of loading & unloading Timber Material					
	Distance 5km/(nillockare rate/cum)	Cum	143.00	24.70	3531.67	
	B. Transportation of Kita goods					
	Distance 10 km.	Cum	152.67	23.41	3597.88	
16	Preparation of Kachcha approach roads					
	A.Under the coupe	lumsun		0.900km	50000.00	indefinite item
	B.From the coupe to the paved road	lumsun		1km	0.00	indefinite item
17	passbook price/printing passbook	passbook	250.00	5.00	1250.00	indefinite item
18	Depot lease of privately owned land.	month	2000.00	0.00	0.00	indefinite item
19	office Rent	month	0.00	0.00	0.00	indefinite item
20	Misc. Stationeries - Papers, Registers, Files, Folders, pins, measuring tapes, paints etc.	lumsun			8000.00	indefinite item
21	Printing of mandatory stationery - Jungle Register, Production Registers, Loading Registers, etc.	lumsun			5000.00	indefinite item
22	Purchase of implements		14.00	250.00	3500.00	indefinite item
23	Maintenance of Axes & saws etc.	lumsun	300.00	20.00	6000.00	indefinite item
			Total		183879.75	
24	Labour Welfare, Insurance & contingencies : 12 % (Drinking water, first aid Kits, anti-venom serum, etc.	रकमे			5516.39	
			Total		189396.14	

III) Expenditure on sale Depot

25	Land Rate					
26	Preparation of Timber luts as per gram	gram	230.00	24.70	5680.31	
27	Numbering of Timber pieces by hundreds	Hundreds	178.00	34.00	60.52	
28	Lotting of Qila/ Firewood as per size	gram	80.00	48.11	3848.80	
29	Printing of Advertisements	lumsun			5000.00	
30	Advertisements in daily newspapers	lumsun			0.00	
31	Drinking water supply & electricity	lumsun			3000.00	
32	Erection of Temporary sheds for sale	lumsun			1500.00	
33	Measurements of material on Depot				0.00	
	A.Timber	gram	47.00	24.70	1160.76	
	B.Poles	hundreds	77.44	0.00	0.00	
	C.kita				0.00	

34	Salary of Staff 3 days and night 3 6 watchman 2 or 3 month	day night	387.23	104.00	49271.92	
35	Stationeries & Materials				0.00	
	A. Office Use				3000.00	
	B. Timber / Qita Receipt registers, A & B form registers, lot & lotting register, sale registers, etc.				1500.00	
36	A. If the number of felling trees in Kupa is 5000 or less	No. of Trees	3301.66	34.00	1088.56	
	A. If the number of tot trees in Kupa is more than 5000, for such a growing tree	Hundred trees	0.00	0.00	0.00	
37	Postal Expenditures				1000.00	Actual Expenditures
38	Travel Expenditures				3120.00	
39	Ropes & leverage tools for dragging & lotting works				3000.00	Indefinite Items
40	Labour welfare items				5000.00	Indefinite Items
	Total Expenditure				78250.87	
41	Emergency Exp. 2%				1564.62	
42	Labour welfare - 3 %				2346.93	
	Total Expenditure				82142.42	
	Total				272641.31	

Technical Sanction No. /2021-22

Date

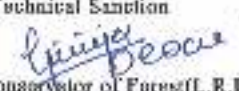
Amr Rs.272642/- words Two Lac Seventy Two Thousand Six Hundred
Fourty Two Rs. only) Approv Technical Sanction


Range Forest Officer (R)
Kalyan

Administrative Sanction No. /2021-22 13-5-2022

Date

Amr Rs.272642/- words Two Lac Seventy Two Thousand Six Hundred
Fourty Two Rs. only) Approv Technical Sanction


Assistant Conservator of Forest (L.R.P. & Wildlife)
Thane

Runde Survey No. 88 Tree List with Botanical Name

Sr. No.	Tree Name	Botanical Name	Girth/Width (cm)
1	Saag (Teak)	Tectona Grandis	90
2	Ashi	Hispida Lin	31
3	Palas	Butea Monosperma	80
4	Saag (Teak)	Tectona Grandis	42
5	Palas	Butea Monosperma	41
6	Apta	Bauhinia Racemosa	57
7	Palas	Butea Monosperma	78
8	Palas	Butea Monosperma	82
9	Palas	Butea Monosperma	82
10	Palas	Butea Monosperma	63
11	Palas	Butea Monosperma	69
12	Palas	Butea Monosperma	55
13	Saag (Teak)	Tectona Grandis	61
14	Palas	Butea Monosperma	31
15	Palas	Butea Monosperma	35
16	Saag (Teak)	Tectona Grandis	69
17	Palas	Butea Monosperma	63
18	Palas	Butea Monosperma	60
19	Apta	Bauhinia Racemosa	37
20	Dhaman	Grewia Tiliifolia	45
21	Palas	Butea Monosperma	51
22	Savar	Bombex Ceiba	73
23	Beheda	Terminalia Bellirica	81
24	Kumbhi	Careya Arborea	49
25	Saag (Teak)	Tectona Grandis	55
26	Palas	Butea Monosperma	45
27	Beheda	Terminalia Bellirica	88
28	Saag (Teak)	Tectona Grandis	41
29	Saag (Teak)	Tectona Grandis	55
30	Apta	Bauhinia Racemosa	49
31	Beheda	Terminalia Bellirica	85
32	Beheda	Terminalia Bellirica	80
33	Dhaman	Grewia Tiliifolia	25
34	Dhaman	Grewia Tiliifolia	25

Titwala Survey No. 247 Tree List with Botanical Name

Sr. No.	Tree Name	Botanical Name	Width (cm)
1	Shemat	Lannea Coromandelica	56
2	Ain	Terminalia Elliptica	51
3	Shemat	Lannea Coromandelica	40
4	Shemat	Lannea Coromandelica	34
5	Atrun	Couroupita Guianensis	74
6	Shemat	Lannea Coromandelica	47
7	Shemat	Lannea Coromandelica	40
8	Tembrun	Diospyros Melanoxylon	46
9	Shemat	Lannea Coromandelica	54
10	Apta	Bauhinia Racemosa	45
11	Pagara	Erythrina Variegata	71
12	Pagara	Erythrina Variegata	73
13	Ghot	Sterculia Urens	33
14	Asana	Pterocarpus Marsupium	38