

SCHEDULE OF RATES FOR FORESTRY WORKS

**Converted to Metric Units
(Incorporating the supporting orders)**

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S+NO-530/09

AUGUST 2007



INTRODUCTION

Data sheet and schedule of rates for forestry works was first ordered vide G.O.MS No. 866 dated 21st August 1959, which was revised as per G.O (Rt) No 1931/63/Agri dated 8-7-1963.

Based on the recommendations of the Minimum Wages Advisory Board, constituted under Section 7 of the Minimum Wages Act 1948 (Central Act of 1948), the basic wages of different category of workers were revised and notified vide notification No. 7899/E1/LBR dated 1-4-1974. A variable DA @ 2.75 paise was ordered for every 5 full points above 800 points prevailed at that time. Again 50% enhancement on the basic wages was ordered in Go (MS) No. 436/80/AD dated 15.11.1980. Semiskilled and unskilled workers got an enhancement of wages by 40% and skilled workers 50%, as per G.O. (MS) 113/86/FEWD dated 19-12-1986. Also 6 Paise increase for every point rise of consumer price index was allowed taking CP index, 100 as base.

G.O (Rt.) No.1081/88/LBR dated 18-6-1988 revised the wage rates with effect from 1-7-1988. In this order, a new category of labourers 'highly skilled' was introduced with wages of Rs 20, 25 and 30 for "ordinary" "difficult and" "very difficult" area respectively. In this order enhancement for difficult area was 25% and for very difficult area was 50% over the rate for ordinary area against the 12.5 % and 25% in early orders . But unfortunately while deriving rates of piece rated workers, this increase was not considered and calculated at 12.5% and 25% increase for difficult and very difficult area. The labourers had to interpret the G.O. for higher wages which they were ignorant of.

Further the wage rates of different categories of workers were enhanced by G.O (Ms) 49/99 dated 21-5-1999. Here VDA corresponding to 900 points was merged with the basic wages of 1988 (CP index 900-CP index 100 already considered = CPI 800. thus, 800x 6 PS = Rs. 48/-)

A weightage after merger of DA was given and limited to 60%, 70% and 80% for ordinary semiskilled and skilled workers. Also the category of highly skilled workers was discontinued. The wage differential in respect of different categories of the area ie, ordinary, difficult and very difficult areas have been again limited to 12.5% for difficult and 25% for very difficult area above the rates for ordinary area. For dragging of timber and transportation of timber and firewood by lorry, 50% enhancement was allowed.

The wage rates now stands revised vide G.O.(MS) No. 7/07/FEW&D 24-02-2007. The class of labour "Highly skilled" man mazdoor was restored in this order. The "ordinary", "difficult" and "very difficult" areas were reclassified.

This schedule of rates is worked out based on the above Government orders.

N.K. Gopalakrishnan Nair
Dy. Conservator of Forests. (Retired)

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CLASSIFICATION OF FOREST AREAS

G.O.(MS) No. 7/2007/F&WLD Dated 24-2-2007.

Circles	Ranges		
	Ordinary areas	Difficult areas	Very difficult areas
Southern circle Kollam	1. Konni 2. Palode 3. Paruthippally 4. Kulathuppuzha 5. Anchal 6. Pathanapuram	1. Naduvathumoozy 2. Ranni 3. Vadasserikkara 4. Thenmala 5. Arienkavu	1. Mannarappara 2. Goodrickal 3. Achencoil 4. Kanayar 5. Kallar
High range circle Kottayam	Nil	1. Kothamangalam 2. Mullaringad 3. Kaliyar 4. Neriyamangalam 5. Adimali 6. Kumali 7. Marayoor 8. Kanthalloor	1. Thodupuzha 2. Munnar 3. Devikulam 4. Nagarampara 5. Mankulam 6. Anakkulam 7. Erumeli 8. Ayyappan Coil
Central circle Thrissur	1. Vadakkanchery 2. Machad 3. Pattikkad 4. Pariyaram	1. Palappily 2. Vellikulangara 3. Kodanad 4. Thundathil	1. Kalady 2. Kuttampuzha 3. Idamalayar 4. Charpa 5. Vazhachal 6. Kollathriumedu 7. Sholayar 8. Athirappally
Eastern Circle Palakkad	1. Nilambur 2. Ottappalam 3. Walayar 4. Kollemcode (except Thekkady section) 5. Alathur section	1. Karulai 2. Kalikavu	1. Nelliampathy 2. Mannarghat 3. Olavakkode 4. Agali 5. Edavmna 6. Allappady 7. Vazhikkadavu 8. Thekkady section of Kollamcode Range

Ranges

Circles	Ordinary areas	Difficult areas	Very difficult areas
Northern Circle Kannur		1. Kasargode 2. Begur 3. Chedaleth 4. Peruvannamoozhy 5. Kuttiyadi 6. Kalpetta 7. Thamarassery 8. Mananthavady 9. Kottiyoor 10. Periya 11. Kanhagad	1. Thaliparamba 2. Meppaddy 3. Kannavam
Agasthyavanam Thiruvananthapuram	1. Neyyar 2. Peppara 3. Agashya Vanam Biological Park	1. Shendurney	Nil
Field Director Kottayam	NIL	1. Ranges Under Project Tiger Thekkady Peerumedu 2. Areas Coming Under Mathikettanshola NP Pambadum Shola NP Anamudi shola NP 3. Chinar	1. Idukki 2. Thattekkad 3. Ernakula
Wild life Circle Palakkad	1. Peechi	1. Aralam 2. Sulthan Batheri 3. Muthanga 4. Kurichiyat 5. Tholpetty 6. Chimmony	1. Sungam 2. Parambikkulam 3. Karimala 4. Orukkombam 5. Silent Valley

A. BASIC WAGES

Types of Workers	Minimum time rates for 8 hours work		
	Ordinary area Rs.	Difficult area Rs.	Very difficult area Rs.

(a) Highly Skilled Workers

1. Mahouts, Workers engaged in timber loading and unloading, <u>axeman.</u>	181.00	197.00	214.00
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(b) Skilled Workers (Men)

1. Sawers			
2. Masons			
3. Carpenters			
4. Workers engaged in river transport of timber			
5. workers engaged in rock breaking.	167.00	181.00	193.00
6. Agents/supervisors/ Maistries, Assistants to mahouts timber stacking, honey collection, workers engaged in Vakka making, wood cutter			

(c) Semi-skilled Workers (Men)

1. Workers engaged in collection of bamboos, reeds and rattans.			
2. Workers engaged in charcoal burning	151.00	162.00	174.00

3. Workers engaged in tying of dragropes			
4. Workers engaged in loading and unloading of firewood	151.00	162.00	174.00
5. Workers engaged in chisel Numbering			
6. Workers engaged in raft making			

(d) Unskilled Workers (men)

1. Forest nursery and plantation workers including mazdoor watcher			
2. Workers engaged in carrying headloads of firewood.			
3. Workers engaged in earth work (pit making etc)	146.00	154.00	162.00
4. Workers engaged in road making (except rock breaking)			
5. Workers engaged in marking of trees.			
4. Workers engaged in collection of Non wood products except honey			
5. Workers engaged in Taungya cultivation			

B. CALCULATION OF VARIABLE D.A

6 paise increase for every point rise above 1200 points in the consumer price index at different stations (District Headquarters or nearest centre) in the new series, as published by the Kerala Government Bureau of Economics and Statistics.

POINTS TO BE BORNE IN MIND WHILE SCRUTINIZING THE ESTIMATE

1. Before sanctioning the estimate, it has to be ascertained, whether the work is included in the approved annual plan of operation. If it is not included in the approved plan of operation, sanction from competent authority is required.
2. Works such as thinning, final felling etc. should be in accordance with the working plan.
3. In the light of the interim order of the Honourable Supreme Court estimates for timber working/felling of trees can be considered only if the working plan/management plan is approved by the Central government.
4. Estimates under each HOA can be sanctioned, based on the allotment under that HOA.
5. Estimates for an year for the works included in the APO, should be submitted by the Range Officer during the month of April with the details regarding approved APO.
6. The estimates should be processed and decided within 15 days from the date of receipt or should be returned to the Range Officer for rectification if any required.
7. Variable DA should be calculated for each labourer whether ordinary/skilled or highly skilled.
8. Variable DA for the nearest center only is allowable, that too the VDA existing at the time of execution of work. Till receipt of next published consumer price index the number of the previous month may be allowed for calculating VDA. Since VDA is paid based on the available consumer price index there is no question of payment of VDA at higher rate or adjustment of payment made in excess consequent on the publication of the index of the month on a later date. The date of receipt of index in the respective division will be effective date of calculating VDA.
9. See for the certificate to the effect whether area falls within ordinary, difficult/very difficult area.
10. In the case of thinning/timber working, check for the lead certificate.
11. In the case of estimates for thinning, if there is a dumping depot check for the sketch of the depot.
12. In the case of estimates for fire tracing, it is better to have the sketch of the area to be fire traced (drawn to scale)
13. L.S provisions, as far as possible are not desirable in an estimate.
14. Variable DA is not allowable for dragging by elephants, transport by lorry, PWD item, L.S items and cost of materials such as cudjan leaves, seeds, and manure.

15. It is better to have a checklist of documents prepared, and submitted along with the estimate by the Range Officer.
16. There may be certain items provided in the estimates, the rates of which may be higher than that can be allowed as per FSR. e.g Instead of the rates for second year weeding, in second year plantation, a higher rate might have been provided. In this case, the recommendation of the inspecting authority of the level of the Conservator of Forests and above should be insisted upon.
17. The scrutinizing officer and the supervisory officers are accountable for the mistakes in calculations and maximum care should be taken to avoid such mistakes.
18. 'After third year maintenance' weeding in a plantation can be allowed only if the Conservator of Forests or officers above CF has approved the same.
19. For items other than the usual items, the necessity for providing each item should be obtained from the Range Office along with the estimate. Simply writing 'this item is highly necessary' is meaningless.
20. For civil works data and conveyance statement and approved drawing should be insisted upon.
21. In the case of thinning/timber financial forecast should be insisted upon
22. In the case of marking and enumeration, the marking list and enumeration list with necessary certificate should be obtained (while sanctioning the bills).
23. The estimates under K.F.P should be accompanied by SSP. Deviation from SSP should not be allowed
24. After scrutiny, a detailed note, item by item, should be prepared and put up for orders for each item.

VARIABLE DA
READY RECKONER FOR DIFFERENT CONSUMER PRICE INDEX

CP index	VDA	CP index	VDA	CP index	VDA	CP index	VDA	CP index	VDA
901	0.06	961	3.66	1021	7.26	1081	10.86	1141	14.16
902	0.12	962	3.72	1022	7.32	1082	10.92	1142	14.52
903	0.18	963	3.78	1023	7.38	1083	10.98	1143	14.58
904	0.24	964	3.84	1024	7.44	1084	11.04	1144	14.64
905	0.30	965	3.90	1025	7.50	1085	11.10	1145	14.70
906	0.36	966	3.96	1026	7.56	1086	11.16	1146	14.76
907	0.42	967	4.02	1027	7.62	1087	11.22	1147	14.82
908	0.48	968	4.08	1028	7.68	1088	11.28	1148	14.88
909	0.54	969	4.14	1029	7.74	1089	11.34	1149	14.94
910	0.60	970	4.20	1030	7.80	1090	11.40	1150	15.00
911	0.66	971	4.26	1031	7.86	1091	11.46	1151	15.06
912	0.72	972	4.32	1032	7.92	1092	11.52	1152	15.12
913	0.78	973	4.38	1033	7.98	1093	11.58	1153	15.18
914	0.84	974	4.44	1034	8.04	1094	11.64	1154	15.24
915	0.90	975	4.50	1035	8.10	1095	11.70	1155	15.30
916	0.96	976	4.56	1036	8.16	1096	11.76	1156	14.36
917	1.02	977	4.62	1037	8.22	1097	11.82	1157	15.42
918	1.08	978	4.68	1038	8.28	1098	11.88	1158	15.48
919	1.14	979	4.74	1039	8.34	1099	11.94	1159	15.54
920	1.20	980	4.80	1040	8.40	1100	12.00	1160	15.60
921	1.26	981	4.86	1041	8.46	1101	12.06	1161	15.66
922	1.32	982	4.92	1042	8.52	1102	12.12	1162	15.72
923	1.38	983	4.98	1043	8.58	1103	12.18	1163	15.78
924	1.44	984	5.04	1044	8.64	1104	12.24	1164	15.84
925	1.50	985	5.10	1045	8.70	1105	12.30	1165	15.90
926	1.56	986	5.16	1046	8.76	1106	12.36	1166	15.96
927	1.62	987	5.22	1047	8.82	1107	12.42	1167	16.02
928	1.68	988	5.28	1048	8.88	1108	12.48	1168	16.08
929	1.74	989	5.34	1049	8.94	1109	12.54	1169	16.14
930	1.80	990	5.40	1050	9.00	1110	12.60	1170	16.20
931	1.86	991	5.46	1051	9.06	1111	12.66	1171	16.26
932	1.92	992	5.52	1052	9.12	1112	12.72	1172	16.32
933	1.98	993	5.58	1053	9.18	1113	12.78	1173	16.38
934	2.04	994	5.64	1054	9.24	1114	12.84	1174	16.44
935	2.10	995	5.70	1055	9.30	1115	12.90	1175	16.50
936	2.16	996	5.76	1056	9.36	1116	12.96	1176	16.56
937	2.22	997	5.82	1057	9.42	1117	13.02	1177	16.62
938	2.28	998	5.88	1058	9.48	1118	13.08	1178	16.68
939	2.34	999	5.94	1059	9.54	1119	13.14	1179	16.74
940	2.40	1000	6.00	1060	9.60	1120	13.20	1180	16.80
941	2.46	1001	6.06	1061	9.66	1121	13.26	1181	16.86
942	2.52	1002	6.12	1062	9.72	1122	13.32	1182	16.92
943	2.58	1003	6.18	1063	9.78	1123	13.38	1183	16.98
944	2.64	1004	6.24	1064	9.84	1124	13.44	1184	17.04
945	2.70	1005	6.30	1065	9.90	1125	13.50	1185	17.10
946	2.76	1006	6.36	1066	9.96	1126	13.56	1186	17.16
947	2.82	1007	6.42	1067	10.02	1127	13.62	1187	17.22
948	2.88	1008	6.48	1068	10.08	1128	13.68	1188	17.28
949	2.94	1009	6.54	1069	10.14	1129	13.74	1189	17.34
950	3.00	1010	6.60	1070	10.20	1130	13.80	1190	17.40
951	3.06	1011	6.66	1071	10.26	1131	13.86	1191	17.46
952	3.12	1012	6.72	1072	10.32	1132	13.92	1192	17.52
953	3.18	1013	6.78	1073	10.38	1133	13.98	1193	17.58
954	3.24	1014	6.84	1074	10.44	1134	14.04	1194	17.64
955	3.30	1015	6.90	1075	10.50	1135	14.10	1195	17.70
956	3.36	1016	6.96	1076	10.56	1136	14.16	1196	17.76
957	3.42	1017	7.02	1077	10.62	1137	14.22	1197	17.82
958	3.48	1018	7.08	1078	10.68	1138	14.28	1198	17.88
959	3.54	1019	7.14	1079	10.74	1139	14.34	1199	17.94
960	3.60	1020	7.20	1080	10.80	1140	14.40	1200	18.00

CP index	VDA	CP index	VDA	CP index	VDA	CP index	VDA	CP index	VDA
1201	18.06	1261	21.60	1321	25.26	1381	28.86	1441	32.46
1202	18.12	1262	21.72	1322	25.32	1382	28.92	1442	32.52
1203	18.18	1263	21.78	1323	25.38	1383	28.98	1443	32.58
1204	18.24	1264	21.84	1324	25.44	1384	29.04	1444	32.64
1205	18.30	1265	21.90	1325	25.50	1385	29.10	1445	32.70
1206	18.36	1266	21.96	1326	25.56	1386	29.16	1446	32.76
1207	18.42	1267	22.02	1327	25.62	1387	29.22	1447	32.82
1208	18.48	1268	22.08	1328	25.68	1388	29.28	1448	32.88
1209	18.54	1269	22.14	1329	25.74	1389	29.34	1449	32.94
1210	18.60	1270	22.20	1330	25.80	1390	29.40	1450	33.00
1211	18.66	1271	22.26	1331	25.86	1391	29.46	1451	33.06
1212	18.72	1272	22.32	1332	25.92	1392	29.52	1452	33.12
1213	18.78	1273	22.38	1333	25.98	1393	29.58	1453	33.18
1214	18.84	1274	22.44	1334	26.04	1394	29.64	1454	33.24
1215	18.90	1275	22.50	1335	26.10	1395	29.70	1455	33.30
1216	18.96	1276	22.56	1336	26.16	1396	29.76	1456	33.36
1217	19.02	1277	22.62	1337	26.22	1397	29.82	1457	33.42
1218	19.08	1278	22.68	1338	26.28	1398	29.88	1458	33.48
1219	19.14	1279	22.74	1339	28.34	1399	29.94	1459	33.54
1220	19.20	1280	22.80	1340	26.40	1400	30.00	1460	33.60
1221	19.26	1281	22.86	1341	26.46	1401	30.06	1461	33.66
1222	19.32	1282	22.92	1342	26.52	1402	30.12	1462	33.72
1223	19.32	1283	22.98	1343	26.58	1403	30.18	1463	33.78
1224	19.38	1284	23.04	1344	26.64	1404	30.24	1464	33.84
1225	19.44	1285	23.10	1345	26.70	1405	30.30	1465	33.90
1226	19.50	1286	23.16	1346	26.76	1406	30.36	1466	33.96
1227	19.56	1287	23.22	1347	26.82	1407	30.42	1467	34.02
1228	19.62	1288	23.28	1348	26.88	1408	30.48	1468	34.08
1229	19.68	1289	23.34	1349	26.94	1409	30.54	1469	34.14
1230	19.74	1290	23.40	1350	27.00	1410	30.60	1470	34.20
1231	19.80	1291	23.46	1351	27.06	1411	30.66	1471	34.26
1232	19.86	1292	23.52	1352	27.12	1412	30.72	1472	34.32
1233	19.92	1293	23.58	1353	27.18	1413	30.78	1473	34.38
1234	19.98	1294	23.64	1354	27.24	1414	30.84	1474	34.44
1235	20.04	1295	23.70	1355	27.30	1415	30.90	1475	34.50
1236	20.10	1296	23.76	1356	27.36	1416	30.96	1476	34.56
1237	20.16	1297	23.82	1357	27.42	1417	31.02	1477	34.62
1238	20.22	1298	23.88	1358	27.48	1418	31.08	1478	34.68
1239	20.28	1299	23.94	1359	27.54	1419	31.14	1479	34.74
1240	20.34	1300	24.00	1360	27.60	1420	31.20	1480	34.80
1241	20.40	1301	24.06	1361	27.66	1421	31.26	1481	34.86
1242	20.46	1302	24.12	1362	27.72	1422	31.32	1482	34.92
1243	20.52	1303	24.18	1363	27.78	1423	31.38	1483	34.98
1244	20.58	1304	24.24	1364	27.84	1424	31.44	1484	35.04
1245	20.64	1305	24.30	1365	27.90	1425	31.50	1485	35.10
1246	20.70	1306	24.36	1366	27.96	1426	31.56	1486	35.16
1247	20.76	1307	24.42	1367	28.02	1427	31.62	1487	35.22
1248	20.82	1308	24.48	1368	28.08	1428	31.68	1488	35.28
1249	20.88	1309	24.54	1369	28.14	1429	31.74	1489	35.34
1250	20.94	1310	24.60	1370	28.20	1430	31.80	1490	35.40
1251	21.00	1311	24.66	1371	28.26	1431	31.86	1491	35.46
1252	21.06	1312	24.72	1372	28.32	1432	31.92	1492	35.52
1253	21.12	1313	24.78	1373	28.38	1433	31.98	1493	35.58
1254	21.18	1314	24.84	1374	28.44	1434	32.04	1494	35.64
1255	21.24	1315	24.90	1375	28.50	1435	32.10	1495	35.70
1256	21.30	1316	24.96	1376	28.56	1436	32.16	1496	35.76
1257	21.36	1317	25.02	1377	28.62	1437	32.22	1497	35.82
1258	21.42	1318	25.08	1378	28.68	1438	32.28	1498	35.88
1259	21.48	1319	25.14	1379	28.74	1439	32.34	1499	35.94
1260	21.54	1320	25.20	1380	28.80	1440	32.40	1500	36.00

CP index	VDA	CP index	VDA	CP index	VDA	CP index	VDA	CP index	VDA
1501	36.06	1561	39.66	1621	43.26	1681	46.86	1741	50.46
1502	36.12	1562	39.72	1622	43.32	1682	46.92	1742	50.52
1503	36.18	1563	39.78	1623	43.38	1683	46.98	1743	50.58
1504	36.24	1564	39.84	1624	43.44	1684	47.04	1744	50.64
1505	36.30	1565	39.90	1625	43.50	1685	47.10	1745	50.70
1506	36.36	1566	39.96	1625	43.56	1686	47.16	1746	50.76
1507	36.42	1567	40.02	1627	43.62	1687	47.22	1747	50.82
1508	36.48	1568	40.08	1628	43.68	1688	47.28	1748	50.88
1509	36.54	1569	40.14	1629	43.74	1689	47.34	1749	50.94
1510	36.60	1570	40.20	1630	43.80	1690	47.40	1750	51.00
1511	36.66	1571	40.26	1631	43.86	1691	47.46	1751	51.06
1512	36.72	1572	40.32	1632	43.92	1692	47.52	1752	51.12
1513	36.78	1573	40.38	1633	43.98	1693	47.58	1753	51.18
1514	36.84	1574	40.44	1634	44.04	1694	47.64	1754	51.24
1515	36.90	1575	40.50	1635	44.10	1695	47.70	1755	51.30
1516	36.96	1576	40.56	1636	44.16	1696	47.76	1756	51.36
1517	37.02	1577	40.62	1637	44.22	1697	47.82	1757	51.42
1518	37.08	1578	40.68	1638	44.28	1698	47.88	1758	51.48
1519	37.14	1579	40.74	1639	44.34	1699	47.94	1759	51.54
1520	37.20	1580	40.80	1640	44.40	1700	48.00	1760	51.60
1521	37.26	1581	40.86	1641	44.46	1701	48.06	1761	51.66
1522	37.32	1582	40.92	1642	44.52	1702	48.12	1762	51.72
1523	37.38	1583	40.98	1643	44.58	1703	48.18	1763	51.78
1524	37.44	1584	41.04	1644	44.64	1704	48.24	1764	51.84
1525	37.50	1585	41.10	1645	44.70	1705	48.30	1765	51.90
1526	37.56	1586	41.16	1646	44.76	1706	48.36	1766	51.96
1527	37.62	1587	41.22	1647	44.82	1707	48.42	1767	52.02
1528	37.68	1588	41.28	1648	44.88	1708	48.48	1768	52.08
1529	37.74	1589	41.34	1649	44.94	1709	48.54	1769	52.14
1530	37.80	1590	41.40	1650	45.00	1710	48.60	1770	52.20
1531	37.86	1591	41.46	1651	45.06	1711	48.66	1771	52.26
1532	37.92	1592	41.52	1652	45.12	1712	48.72	1772	52.32
1533	37.98	1593	41.58	1653	45.18	1713	48.78	1773	52.38
1534	38.04	1594	41.64	1654	45.24	1714	48.84	1774	52.44
1535	38.10	1595	41.70	1655	45.30	1715	48.90	1775	52.50
1536	38.16	1596	41.76	1656	45.36	1716	48.96	1776	52.56
1537	38.22	1597	41.82	1657	45.42	1717	49.02	1777	52.62
1538	38.28	1598	41.88	1658	45.48	1718	49.08	1778	52.68
1539	38.34	1599	41.94	1659	45.54	1719	49.14	1779	52.74
1540	38.40	1600	42.00	1660	45.60	1720	49.20	1780	52.80
1541	38.46	1601	42.06	1661	45.66	1721	49.26	1781	52.86
1542	38.52	1602	42.12	1662	45.72	1722	49.32	1782	52.92
1543	38.58	1603	42.18	1663	45.78	1723	49.38	1783	52.98
1544	38.64	1604	42.24	1664	45.84	1724	49.44	1784	53.04
1545	38.70	1605	42.30	1665	45.90	1725	49.50	1785	53.10
1546	38.76	1606	42.36	1666	45.96	1726	49.56	1786	53.16
1547	38.82	1607	42.42	1667	46.02	1727	49.62	1787	53.22
1548	38.88	1608	42.48	1668	46.08	1728	49.68	1788	53.28
1549	38.94	1609	42.54	1669	46.14	1729	49.74	1789	53.34
1550	39.00	1610	42.60	1670	46.20	1730	49.80	1790	53.40
1551	39.06	1611	42.66	1671	46.26	1731	49.86	1791	53.46
1552	39.12	1612	42.72	1672	46.32	1732	49.92	1792	53.52
1553	39.18	1613	42.78	1673	46.38	1733	49.98	1793	53.58
1554	39.24	1614	42.84	1674	46.44	1734	50.04	1794	53.64
1555	39.30	1615	42.90	1675	46.50	1735	50.10	1795	53.70
1556	39.36	1616	42.96	1676	46.56	1736	50.16	1796	53.76
1557	39.42	1617	43.02	1677	46.62	1737	50.22	1797	53.82
1558	39.48	1618	43.08	1678	46.68	1738	50.28	1798	53.88
1559	39.54	1619	43.14	1679	46.74	1739	50.34	1799	53.94
1560	39.60	1620	43.20	1680	46.80	1740	50.40	1800	54.00

CP index	VDA	CP index	VDA	CP index	VDA	CP index	VDA	CP index	VDA
1801	54.06	1861	57.66	1921	61.26	1981	64.86	2041	68.46
1802	54.12	1862	57.72	1922	61.32	1982	64.92	2042	68.52
1803	54.18	1863	57.78	1923	61.38	1983	64.98	2043	68.58
1804	54.24	1864	57.84	1924	61.44	1984	65.04	2044	68.64
1805	54.30	1865	57.90	1925	61.50	1985	65.10	2045	68.70
1806	54.34	1866	57.96	1926	61.56	1986	65.16	2046	68.76
1807	54.42	1867	58.02	1927	61.62	1987	65.22	2047	68.82
1808	54.48	1868	58.08	1928	61.68	1988	65.28	2048	68.88
1809	54.54	1869	58.14	1929	61.78	1989	65.34	2049	68.94
1810	54.60	1870	58.20	1930	61.80	1990	65.40	2050	69.00
1811	54.66	1871	58.26	1931	61.86	1991	65.46	2051	69.06
1812	54.72	1872	58.32	1932	61.92	1992	65.52	2052	69.12
1813	54.78	1873	58.38	1933	61.98	1993	65.58	2053	69.18
1814	54.84	1874	58.44	1934	62.04	1994	65.64	2054	69.24
1815	54.90	1875	58.50	1935	62.10	1995	65.70	2055	69.30
1816	54.96	1876	58.56	1936	62.16	1996	65.76	2056	69.36
1817	55.02	1877	58.62	1937	62.22	1997	65.82	2057	69.42
1818	55.08	1878	58.68	1938	62.28	1998	65.88	2058	69.48
1819	55.14	1879	58.74	1939	62.34	1999	65.94	2059	69.54
1820	55.20	1880	58.80	1940	62.40	2000	66.00	2060	69.60
1821	55.26	1881	58.86	1941	62.46	2001	66.06	2061	69.66
1822	55.32	1882	58.92	1942	62.52	2002	66.12	2062	69.72
1823	55.38	1883	58.98	1943	62.58	2003	66.18	2063	69.78
1824	55.44	1884	59.04	1944	62.64	2004	66.24	2064	69.84
1825	55.50	1885	59.10	1945	62.70	2005	66.30	2065	69.90
1826	55.56	1886	59.16	1946	62.76	2006	66.36	2066	69.96
1827	55.62	1887	59.22	1947	62.82	2007	66.42	2067	70.02
1828	55.68	1888	59.28	1948	62.88	2008	66.48	2068	70.08
1829	55.74	1889	59.34	1949	62.94	2009	66.54	2069	70.14
1830	55.80	1890	59.40	1950	63.00	2010	66.60	2070	70.20
1831	55.86	1891	59.46	1951	63.06	2011	66.66	2071	70.26
1832	55.92	1892	59.52	1952	63.12	2012	66.72	2072	70.32
1833	55.98	1893	59.58	1953	63.18	2013	66.78	2073	70.38
1834	56.04	1894	59.62	1954	63.24	2014	66.84	2074	70.44
1835	56.10	1895	59.70	1955	63.30	2015	66.90	2075	70.50
1836	56.16	1896	59.76	1956	63.36	2016	66.96	2076	70.56
1837	56.22	1897	59.82	1957	63.42	2017	67.02	2077	70.62
1838	56.28	1898	59.88	1958	63.48	2018	67.08	2078	70.68
1839	56.34	1899	59.94	1959	63.54	2019	67.14	2079	70.74
1840	56.40	1900	60.00	1960	63.60	2020	67.20	2080	70.80
1841	56.46	1901	60.06	1961	63.66	2021	67.26	2081	70.86
1842	56.52	1902	60.12	1962	63.72	2022	67.32	2082	70.92
1843	56.58	1903	60.18	1963	63.78	2023	67.38	2083	70.98
1844	56.64	1904	60.24	1964	63.84	2024	67.44	2084	71.04
1845	56.70	1905	60.30	1965	63.90	2025	67.50	2085	71.10
1846	56.76	1906	60.36	1966	63.96	2026	67.56	2086	71.16
1847	56.82	1907	60.42	1967	64.02	2027	67.62	2087	71.22
1848	56.88	1908	60.48	1968	64.08	2028	67.68	2088	71.28
1849	56.94	1909	60.54	1969	64.14	2029	67.74	2089	71.34
1850	57.00	1910	60.60	1970	64.20	2030	67.80	2090	71.40
1851	57.06	1911	60.66	1971	64.26	2031	67.86	2091	71.46
1852	57.12	1912	60.72	1972	64.32	2032	67.92	2092	71.52
1853	57.18	1913	60.78	1973	64.38	2033	67.98	2093	71.58
1854	57.24	1914	60.84	1974	64.44	2034	68.04	2094	71.64
1855	57.30	1915	60.90	1975	64.50	2035	68.10	2095	71.70
1856	57.36	1916	60.96	1976	64.56	2036	68.16	2096	71.76
1857	57.42	1917	61.02	1977	64.62	2037	68.22	2097	71.82
1858	57.48	1918	61.08	1978	64.68	2038	68.28	2098	71.88
1859	57.54	1919	61.14	1979	64.74	2039	68.34	2099	71.94
1860	57.60	1920	61.20	1980	64.80	2040	68.40	2100	72.00

VDA

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71.94
72.00

CP index	VDA	CP index	VDA	CP index	VDA	CP index	VDA	CP index	VDA
2101	72.06	2161	75.66	2221	79.26	2281	82.86	2341	86.46
2102	72.12	2162	75.72	2222	79.32	2282	82.92	2342	86.52
2103	72.18	2163	75.78	2223	79.38	2283	82.98	2343	86.58
2104	72.24	2164	75.84	2224	79.44	2284	83.04	2344	86.64
2105	72.30	2165	75.90	2225	79.50	2285	83.10	2345	86.70
2106	72.36	2166	75.96	2226	79.56	2286	83.16	2346	86.76
2107	72.42	2167	76.02	2227	79.62	2287	83.22	2347	86.82
2108	72.48	2168	76.08	2228	79.68	2288	83.28	2348	86.88
2109	72.54	2169	76.14	2229	79.74	2289	83.34	2349	86.94
2110	72.60	2170	76.20	2230	79.80	2290	83.40	2350	87.00
2111	72.66	2171	76.26	2231	79.86	2291	83.46	2351	87.06
2112	72.72	2172	76.32	2232	79.92	2292	83.52	2352	87.12
2113	72.78	2173	76.38	2233	79.98	2293	83.58	2353	87.18
2114	72.84	2174	76.44	2234	80.04	2294	83.64	2354	87.24
2115	72.90	2175	76.50	2235	80.10	2295	83.70	2355	87.30
2116	72.96	2176	76.56	2236	80.16	2296	83.76	2356	87.36
2117	73.02	2177	76.62	2237	80.22	2297	83.82	2357	87.42
2118	73.08	2178	76.68	2238	80.28	2298	83.88	2358	87.48
2119	73.14	2179	76.74	2239	80.34	2299	83.94	2359	87.54
2120	73.20	2180	76.80	2240	80.40	2300	84.00	2360	87.60
2121	73.26	2181	76.86	2241	80.46	2301	84.06	2361	87.66
2122	73.32	2182	76.92	2242	80.52	2302	84.12	2362	87.72
2123	73.38	2183	76.98	2243	80.58	2303	84.18	2363	87.78
2124	73.44	2184	77.04	2244	80.64	2304	84.24	2364	87.84
2125	73.50	2185	77.10	2245	80.70	2305	84.30	2365	87.90
2126	73.56	2186	77.14	2246	80.76	2306	84.36	2366	87.96
2127	73.62	2187	77.22	2247	80.82	2307	84.42	2367	88.02
2128	73.68	2188	77.28	2248	80.88	2308	84.48	2368	88.08
2129	73.74	2189	77.34	2249	80.94	2309	84.54	2369	88.14
2130	73.80	2190	77.40	2250	81.00	2310	84.60	2370	88.20
2131	73.86	2191	77.46	2251	81.06	2311	84.66	2371	88.26
2132	73.92	2192	77.52	2252	81.12	2312	84.72	2372	88.32
2133	73.98	2193	77.58	2253	81.18	2313	84.78	2373	88.38
2134	74.04	2194	77.64	2254	81.24	2314	84.84	2374	88.44
2135	74.10	2195	77.70	2255	81.30	2315	84.90	2375	88.50
2136	74.16	2196	77.76	2256	81.36	2316	84.96	2376	88.56
2137	74.22	2197	77.82	2257	81.42	2317	85.02	2377	88.62
2138	74.28	2198	77.88	2258	81.48	2318	85.08	2378	88.68
2139	74.34	2199	77.94	2259	81.54	2319	85.14	2379	88.74
2140	74.40	2200	78.00	2260	81.60	2320	85.20	2380	88.80
2141	74.46	2201	78.06	2261	81.66	2321	85.26	2381	88.86
2142	74.52	2202	78.12	2262	81.72	2322	85.32	2382	88.92
2143	74.58	2203	78.18	2263	81.78	2323	85.38	2383	88.98
2144	74.64	2204	78.24	2264	81.84	2324	85.44	2384	89.04
2145	74.70	2205	78.30	2265	81.90	2325	85.50	2385	89.10
2146	74.76	2206	78.36	2266	81.96	2326	85.56	2386	89.16
2147	74.82	2207	78.42	2267	82.02	2327	85.62	2387	89.22
2148	74.88	2208	78.48	2268	82.08	2328	85.68	2388	89.28
2149	74.94	2209	78.54	2269	82.14	2329	85.74	2389	89.34
2150	75.00	2210	78.60	2270	82.20	2330	85.80	2390	89.40
2151	75.06	2211	78.66	2271	82.26	2331	85.86	2391	89.46
2152	75.12	2212	78.72	2272	82.32	2332	85.92	2392	89.52
2153	75.18	2213	78.78	2273	82.38	2333	85.98	2393	89.58
2154	75.24	2214	78.84	2274	82.44	2334	86.04	2394	89.64
2155	75.30	2215	78.90	2275	82.50	2335	86.10	2395	89.70
2156	75.36	2216	78.96	2276	82.56	2336	86.16	2396	89.76
2157	75.42	2217	79.02	2277	82.62	2337	86.22	2397	89.82
2158	75.48	2218	79.08	2278	82.68	2338	86.28	2398	89.88
2159	75.54	2219	79.14	2279	82.74	2339	86.34	2399	89.94
2160	75.60	2220	79.20	2280	82.80	2340	86.40	2400	90.00

MW-III

FOREST NURSERY AND PLANTATION WORKS

(See part of Notification No. 7899/E/175/LBR dated: 1.4.1974 and G.O.(MS) 49/99 dated 21.1.1999)

MM -	Man Mazdoor	146.00	154.00	162.00
SSMM -	Semiskilled -do-	151.00	162.00	174.00
SMM -	Skilled - do -	167.00	181.00	193.00
HSMM -	High skilled -do-	181.00	197.00	214.00

Schedule of rate

Sl.No.	Items of Work	Labour data	Unit	Ordinary area Rs.	Diffiult area Rs.	V difficult area Rs.	Remarks
1	2	3	4	5	6	7	8
(a)	Formation of nursery bed for teak excluding collection of bamboo	0.1958 MM	Sq.mtr	28.59	30.15	31.72	1 bed = 14.4sq.m
		2.819 MM	BED. (14.4 Sq.m)	411.57	434.13	456.68	(12x1.2 m)
		2.3496 MM	Bed of 12.sq.mtr	343.04	361.84	380.64	(1 bed = 10x1.2m)
(b)	Sowing teak seeds in nursery beds	0.0333 MM	sq.mtr	4.86	5.13	5.39	
		0.4795 MM	Bed (14.4.sq.m)	70.01	73.84	77.68	1 bed = 14.4 sq.m
		0.3996 MM	Bed of 12.sq.m	58.34	61.54	64.74	1 bed = 12.sq.m
(c)	Aligning and staking 2 M x 2M	2.469 MM <i>skilled</i> + 4.938 MM 7.407	Ha 1133.27	412.32 760.45 1207.34	446.89 799.96 1276.48	476.52	7.407 labour units per Ha. only to consider for VDA
(d)	Pulling out teak 100 stumps seedlings (one year old) and preparation of stumps.	0.2041 MM	29.80	31.43	33.06		
(e)	Pulling out teak seedlings (two years old) and preparation of stumps	0.2645 MM	100 stumps	38.62	40.73	42.85	
(f)	Planting of teak	0.2437 MM	100 stumps	35.38	37.53	39.48	Note for item (f) espacements 2m x 2m (See report appendix xc VII)
(g)	Preparation of seed bednursery for eucalyptus	0.0854 MM	Sq.mtr	12.47	13.15	13.83	
		1.2297 MM	Per bed	179.54	189.37	199.21	1 bed = 14.4sq.m 12x1.2m
		1.0248 MM	-do-	149.62	157.81	166.02	12.sq.m

1	2	3	4	5	6	7	8
(h)	Watering nursery at the rate of 30lr. per sq.mtr	0.0291 MM	Sq.mtr	4.25	4.48	4.71	
		0.419 MM	Bed	61.17	64.53	67.88	
		0.3492 MM	-do- 12.sq.m	50.98	53.78	56.57	

Note. I. This rate is for a lead up to 100 metres from source of water .
For every additional lead of 50 metres increase this rate by 20%
(See M-W committee report appendix X BII)

II. Rate of watering reduced to 2/3 as per No. P3-17259/77 dated 13.4.1977 of Chief Conservator of Forests.

(i)	Collection and sieving of forest soil for filling polythene bags	1.6396 MM	Per Cum of soil	239.37	252.48	265.60	
		.01 MM	per 100 bags	14.60	15.40	16.20	
		1.00 MM	per 1000	146.00	154.00	162.00	
(j)	Filling polythene bags 12x18cmsx100 guage thickness and watering to facilitate planting	0.3562 MM	100 bags	52.01	54.85	57.70	
(k)	Pulling out eucalyyotus seedlings from nursery bed and transplanting into polythene bags	0.1062 MM	100 seedlings	15.51	16.35	17.20	
(l)	Digging planting pits in ordinary forset soil after rains pits of 25 x 25 x 25 cm at a spacing of 2.5 m x 2.5 m	0.5312 MM	pits	77.56	81.80	86.05	
(m)	Digging pits of dimension 30 x 30x 30 cms after rains (Ordinary Soil)	0.9229 1.450 MM	-do-	134.7A 211.70	228.30	234.90	30cm ³ pits m, o, q, s rates reduced. P1-8 item no. 86 & annexure p 67.
(n)	Digging pits pf dimension 25 x 25 x 25 cms during dry weather (Ordinary Soil).	1.1104 MM	-do-	162.12	171.00	179.88	
(o)	Digging pits of dimension 30x30x30 cms during dry weather (Ordinary soil).	1.8182 2.8562 MM	-do-	265.45 417.01	489.85	462.70	

(p)	Digging pits in bouldery soil of dimension 25 x 25 x 25 cms after rains	0.650 MM	100 pits	94.90	100.10	105.30
(q)	Digging pits in bouldery soil of dimension 30 x 30x30 cms after rains	1.7854 MM	100 pits	260.67 190.01	274.95	289.23
(r)	Diggins pits in bouldery soil of dimension 25x25 x 25 cms during dry weather	1.3333 MM	-do-	194.66	205.33	215.99
(s)	Digging pits in bouldery soil of dimension 30 x 30x3030 cms during dry weather.	3.5708 MM	-do-	521.34	549.90	578.47
(t)	Transport of seedlings in polythene bags to planting sites and distribution up to a lead of 50 mtrs (20% for each additional 50 mtrs)	0.1166 MM	100 seedlings	17.02	17.96	18.89
(u)	Covering planting pits of dimension 25x 25 25 cms and digging planting holes	0.4104 MM	100 pits	59.92	63.20	66.48
(v)	Planting bagged seedlings	0.650 MM	-do-	34.31	36.19	38.07
	For both the works under (u) &(v) above	0.650 MM	-do-	94.90	100.10	105.3
(w)	Aligning and stacking 2.5x 2.5 m	2.000 MM	Hect	334.00	362.00	386.00
		4.000 MM		918.00	978.00	1034.00

See page 6 of the Annexure

See Page 67 of the Annexure

Note for item (t) The initial lead 500 m, which was corrected 50 m Vide No: 11832/E1/7 Dtd: 19.6.1975

10 pits
d. pl.
0.86
Use p

2.4 x 2.21 = 5.304
4.4 x 2.0 = 8.80
12.42

For V.D.A : 6 labour units V.D.A

Note for items (i) ant(t): The rate are for basketted seedlings when low density polythene bags of size 18 x 12 cms are used.

If low density polythene bags of size 15 x 8 cms are used, the rates should be reduced to one third. (Circular 19/75 Dtd. 2.6.1975 of CCF)

SCHEDULE OF RATES FOR FORESTRY WORKS

Data sheet and Schedule of Rates for forestry works in Kerala State with effect from 24.02.2007
(G.O.Rt.No. 1931/63/Agri dated 8th July 1963 and revised vide O.No. 49/99/F&WLD dated 21-5-99 and Letter No. P4-50831/95 dated 30-6-99 of PCCF)

3

Finally revised vide G.O.(MS) No. 7/2007/F&WLD dated 24.02.2007.

		<u>WAGE RATE IN Rs.</u>		
		Ordinary Area	Difficult Area	V.Difficult Area
MM	= Unskilled Man Mazdoor	146.00	154.00	162.00
SSMM	= Semskilled Man Mazdoor	151.00	162.00	174.00
SMM	= Skilled Man Mazdoor	167.20	181.00	193.00
HSMM	= Highly skilled man mazdoor	181.00	197.00	214.00

Sl. NO.	Description of work	<u>Schedule of rate in Rupees</u>					Rema- rks	An. No.
		Labour data	Unit	Ordinary area	Difficult area	V Diffi- cult area		
<u>1.SURVEY AND DEMARCATION</u>								
1	Clearing boundary line to a width of 1.5 m to facilitate survey.	3.105 MM	Km	453.33	478.17	503.01		
2.	Survey with prismatic compass (out turn per day 1.2 Km)	3.105 MM	-do-	453.33	478.17	503.01		
2(a)	-do- when lascars are used	1.863 MM	-do-	272.00	286.90	301.81		
3.	Surveying with theodolite (out turn per day 0.80 Km)	7.452 MM	-do-	1088.00	1147.61	1207.22		
4.	Refixing and verification work with theodolite (out tum per day 0.80 Km.)	7.452 MM	-do-	1088.00	1147.61	1207.22		
5.	Aligning forest road with ghat tracer for preliminary alignment.	3.105 MM	-d0-	453.33	478.17	503.01		
5(a)	Aligning forest road with ghat tracer for final alignment.	6.210 MM	-do-	906.66	956.34	1006.02		
6.	Widening the surveyed boundary to a width of 5.5 m for outer boundaries of reserves and uprooting of all growth.	6.210 MM to 12.420 MM	- do -	906.66 to 1813.32	956.31 to 1912.68	1006.02 to 2012.04		

Sl. No.	Description of work	Schedule of rate in Rupees				Remarks
		Labour data	Unit	Ordinary area	Difficult area	
7	Erecting permanent caims of size 120 cm x 120 cm at bottom 60 cm x 60 cm at top and 120 cms high with collected rubble and necessary tarred jungle wood post of 15cm x 22 cm in diameter in the centre chiseling, numbering etc. complete.	1MM	caim	146.00	154.00	162.00
			+			
		1SMM		167.00	181.00	193.00
				313.00	335.00	355.00
				Survey departmental rates are to be adopted		
8	Providing theodolite grantie stones of 90 cm x 22 cm with a plummet hole 2 cm deep on the top and a shank mark 1.25 cm deep on one of the sides.					
8	Providing theodolite grantie					
(a)	stones of 60 cm x 15 cm x 15 cm with a plummet hole 2 cm deep on the top and a shank mark 1.25 cm on one of the sides.					Local Rates
	-do- in high ranges.					- do -
9.	Providing the ordinary survey stones of 90cm x 22 cm x 22 cm with a shank mark 1.25 cm deep on one of the sides.					Survey departmental rates
10	Providing rock marks where rocks are available at stations by benching rock 15 cm x 15 cm and cutting plummet hole 2 cm deep and shank mark 1.25 cm deep.					-do-
11	Widening surveyed coupe lines to 3m wide and putting station pegs.	3.105 MM	Km	453.33	478.17	503.01

Sl. No	Description of work	Schedule of rate in Rupees					Remarks	An. No.
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area		
11(a)	Collection of jungle wood posts 30 cm, 25 cm, 37 cm in girth, 120cm length and transporting to site	8 MM	100 Nos	1168.00	1232.00	1296.00		
11(b)	Felling and putting them at stump site transport to site and putting them at surveyed stations and forming earthen cairns.	6 MM	100 Nos	876.00	924.00	972.00		
12	Constructing cairns 60 cm x 60 cm at bottom, 30 cm high including collection of stone.	1 MM	cairn	146.00	154.00	162.00		

II. TIMBER WORKING

13(a)	Marking at breast height and at base including chisel numbering, tarring etc. complete in selection felling coupes.	6 MM	100 trees	876.00	924.00	972.00		
13 (b)	-do- complete in clear felling coupes (in the case of conversion coupes Where trees are marked for depot delivery)	4.5 MM	100 trees	657.00	693.00	729.00		

Note:-

- (i) If no tarring is to be done Re. 1 per hundreded trees must be deducted both for 13(a) & 13.(b). This deduction is based on the wages @ Rs. 2/- per MM at the time of sanction of the rates. Now the deduction to be made comes to 1/2 MM that is Rs. 73.00 in ordinary area, Rs. 77.00 in difficult area and Rs. 81.00 in very difficult area.

13(c)	Marking at breast height and at base including, tarring etc. in clear felling plantations.	3 MM	100 trees	438.00	462.00	486.00		
13(d)	Climber cutting in selection felling coupes	1.236 MM	Ha	180.46	190.34	200.23		

Sl. No.	Description of work	Schedule of rate in Rupees				Remarks	
		Labour data	Unit	Ordinary area	Difficult area		V Difficult area
13(e)	Enumeration of miscellaneous trees down to 75 cm at breast height with one blaze at breast height (22cm x 22cm) and chisel numbering in clear felling coupes.	3 MM	100 trees	438.00	462.00	486.00	
14(a)	Feling, conversion, classification including dressing in drag holding, wherever necessary for hardwoods.			See below this item			Notification No: 7899/E1/73/LBR Dtd.1.4.1974.
	-do- -do- for hardwoods (logs to be debarked)						G.O. M.S. No. 393/80/AD dated 17.10.1980
	i. 1/2 cubic metre and below	1 Axeman	Cum	181.00	197.00	214.00	G.O.M.S. No. 393/80/AD dated 17.10.1980.
	ii. Above 1/2 cubic metre	0.5 Axeman	Cum	90.50	98.50	107.00	
14(b)	Felling, conversion, classification including drag holding where necessary and chisel numbering for softwood logs.						Notification No. 7899/E1/173/LBR/ dtd.1.4.1974
	-do- -do for softwood logs. (logs not to be debarked)						G.O.M.S. No 393/80/ AD dtd. 1710-1980
	i. 1/2 cubic metre and below	0.750 Axe man	Cum	135.75	147.75	160.50	
	ii. Above 1/2 cubic metre	0.375 Axe man	Cum	67.88	73.88	80.25	
14(c)	Felling, conversion, classification including dressing in drag holding wherever necessary and chisel numbering for Rosewood, Ayini, Jack etc. where removal of sapwood is to be done.						G.O. MS.No.240/78/ AD/dtd. 6-9-1978 6

Remarks	Sl. No.	Description of work	Schedule of rate in Rupees				Remarks	An. No.
			Labor data	Unit	Ordinary area	Difficult area		
		i. -do- -do- 1/2 cubic metre & above	3.00 Axeman	Cum	543.00	591.00	642.00	
		ii. Above 1/2 cubic metre	1.500 Axeman	Cum	271.5	295.50	321.00	G.O.Rt.No.48/80/ AD/Dtd.8-1-1980
ion No: /73/LBR .1974.		Conversion, classification of timber including drag holding wherever necessary excluding felling.	0.4585 Axeman	Cum	82.99	90.32	95.37	G.O.Rt 1105/82/ AD/20-04-82
A.S. No. 80/AD 17.10.1980		Chisel numbering logs from supply coupe	SSMM 0.3067	100 logs	46.31	49.69	53.37	G.O.MS. No. 184/79/AD dtd. 28-4-1979 For item 14c no VDA allowed for chisel numbering. See Circular Number 40/79 dated 15-6-79 Chief conservator of Forests.
.S. No. 30/AD 10.1980.								8
ion No. /173/LBR/ .4.1974		Logs from sale coupe	0.3834 SSMM	100 logs	57.89	62.11	66.71	
No 393/80/ 1710-1980		Softwood logs	0.25 SSMM	100 logs	37.75	40.50	43.50	G.O.Rt. No. 193/78/ AD/Dtd. 25.1.1978

Note:- item 14 c 0.25 SMM for 100 logs was ordered for chisel numbering soft wood vide G.O. Rt.No. 193/78/AD dt. 25.1.78, when the wages of SMM was Rs. 6.50. ie Rs. 1.63/100 logs or Ps 16.3 per log. (Say 16 ps/log). the reasoning to order labour units instead of wage rates for chisel numbering softwood logs is applicable to hard wood logs and logs from sale coupe also.

Thus the derived rates are

Rs. 1.63/100 logs	=	0.25 SSMM
Rs. 200/100logs	=	0.30675 SSMM
Rs. 250/100 logs	=	0.3834 SSMM

14(d)	1. Felling trees 75 cm to 120 cm girth	0.067 Axeman	Tree	12.13	13.20	14.34
	2. -do- 121 cm to 250 cm girth	0.250 Axeman	Tree	45.25	49.25	53.50

Sl. No.	Description of work	Schedule of rate in Rupees				Remarks	
		Labour data	Unit	Ordinary area	Difficult area		V Difficult area
	3. - do-over 250 cm girth	1.000 Axeman	Tree	181.00	197.00	214.00	
	4. -do- 50 cm to 74 cm girth	0.034 Axeman	Tree	6.15	6.70	7.28	
14(e)	Collections of spokes and felloes	5 MM	Set	730.00	770.00	810.00	
	Desapping ebony logs	10 Axeman	Cum	1810.00	1970.00	2140.00	G.O.Rt.No. 2431/65 Agri Dtd. 25.11.1967
15	Enumeration (blazing at breast height and pencil numbering) in selection felling coupes	2,000 MM	100 trees	292.00	308.00	324.00	
	-do-in clear felling coupes and strips of sample plots Working down thondy involved in forest cases to a sagfe place.	1.500 MM	100 trees	219.00	231.00	243.00	G.O.Rt.No. 184/79/ AD dtd.28.4.79
III COLLECTION OF FUEL, BAMBOOS, REEDS ETC.							
16(a)	Felling, billeting and at site fuel in selection felling area.	0.872 Axeman	Tonne	157.83	171.78	186.61	
		0.436 Axeman	Cum	78.91	85.89	93.30	
16(b)	<u>-do-in clear felling areas</u>	0.872 Axeman	Tonne	157.83	171.78	186.61	
		0.436 Axeman	Cum	78.91	85.89	93.30	
	<u>Billeting and stacking at site excluding felling</u>	0.7083 SMM	Tonne	118.29	128.20	136.70	
		0.3541 SMM	Cum	60.80	64.10	68.35	
16(c)	<u>Transport by head load</u>	0.872 MM	Tonne	127.31	134.29	141.26	
		0.436 MM	Cum	63.66	67.14	70.63	
	(for every additional 200 Mtr	0.581 MM	Tonne	84.83	89.47	94.12	
		0.291 MM	Cum	42.49	44.81	47.14	G.O.Rt. No. 2752/80/AD Dtd. 4.10.1980

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Sl. No.	Description of work	Schedule of rate in Rupees					Remarks	An. No.
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area		
16(d)	Cross cutting with saw							
	Below 125 cms girth	0.111 Sawer	Per-cut	18.54	20.09	21.42	G.O.(Rt)2752/80/ Ad/Dtd 4-10-1980	13
	(2) 125 cms to 150 cms girth	0.166 Sawer	Per-cut	27.72	30.05	32.04		
	(3) Above 150 cms Girth	0.333 Sawer	Per-cut	55.61	60.27	64.27		
16(e)	Loading firewood in lorries	1.500 SSMM	Tonne	226.50	243.00	261.00	G.O.MS No. 184/ 79/ AD dated 28.4.1979.	8
		0.750 SSMM	cum	113.25	121.50	130.50		
16(f)	Unloading firewood and stacking	0.872 SSMM	Tonne	131.67	141.26	151.72		
		0.436 SSMM	cum	65.83	70.63	75.86		
Note for(e): Semi Skilled Man Mazdoors are allowed for this work see "M.W.Notification (A) Basic Wages"								
	Transport of firewood in Lorries		Tonne	99.57	99.57	99.57		
	(a) Black topped macadam roads for the first 10 kms		Cum	49.78	49.78	49.78	G.O.(M.S.) No. 33/81/ AD dated 6.2.1981. This rate is Lumpsum for the first 10 kms	15
	ii. For the next 15 Kms		Tonne/ Km	6.53	6.53	6.53		
			cum/ Km	3.27	3.27	3.27		
	ii. anove 25 Kms		Tonne/ Km	5.30	5.30	5.30		
			cum/ Km	2.65	2.65	2.65		
	(b) For coupe roads and fair weather roads							
	i. For the first 10 Kms		Tonne/ cum	132.76 66.38	132.76 66.38	132.76 66.38	Lumpsum for 10 Kms.	

L.No.
5 Agri
11.1967No. 184/79/
28.4.79L.Rt. No.
52/80/AD
4.10.1980

Sl. No.	Description of work	Schedule of rate in Rupees				Remarks
		Labour data	Unit	Ordinary area	Difficult area	
	ii. For the next 15 Kms		Tonne/ Km	8.71	8.71	8.71
			cum Km	4.35	4.35	4.35
	III Above 25 Kms		Tonne/ Km	7.07	7.07	7.07
	Km		cum/	3.53	3.53	3.53
						See also G.O.(M.S) No. 184/ 79/ Ad dtd. 28.4.79. G.O.(M.S)No. 393/80/ Ad dtd. 17.10.1980
17	Felling and collection of reeds	10 SSMM	1000 Nos	1510.00	1620.00	1740.00
18(a)	Felling and collection of full bamboos including bottom	25 SSMM	100 Nos	3775.00	4050.00	4350.00
						SSMM as per M.W committee report
18(b)	Felling and collection of top bamboos	12 SSMM	100 Nos	1812.00	1944.00	2088.00
18(c)	Felling and collection of bottom bamboos	15 SSMM	100 Nos	2265.00	2430.00	2610.00
19	Collection of thatching grass	3 MM	per cart load of 20 head loads	438.00	462.0	486.00
			per H.L.	21.90	23.10	24.30
20	Collection of big bees honey	0.549 MM	Litre	80.15	84.55	88.94
21	" small bees honey	1.099 MM	Litre	160.45	169.25	178.04
22	" Kulavu oil	0.273 MM	Litre	39.86	42.04	44.23
23	" Cardamom	1.653 MM	Kg	241.34	254.56	267.79
24	Collection of bees wax	1.102 MM	Kg	160.89	169.71	178.52
25	-do- Rattans 4 m long	1.500 SSMM	100 Nos	226.50	243.00	261.00

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks	An. No.
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area		

V. COLLECTION OF DIFFIERENT VARIETIES OF SEEDS.

26	Collection of Seeds in normal Seed year Teak	13.227 MM	100 Kg	1931.14	2036.96	2142.77		
27	" Vengai	16.534 MM	"	2413.96	2546.24	2678.51		
28	" Anjili	19.841 MM	"	2896.79	3055.51	3214.24		
29	" Thembavoo	5.511 MM	"	804.61	848.69	892.78		
30	" Hopea	16.534 MM	"	2413.96	2546.24	2678.51		
31	" Maruthy	5.511 MM	"	804.61	848.69	892.78		
32	" Venpeak	16.534 MM	"	2413.96	2546.24	2678.51		
33	" Mahogany	27.557 MM	"	4023.32	4243.78	4464.23		
34	" Irul	110.231 MM	"	16093.73	16975.57	17857.42		
35	" Rosewood	110.231 MM	"	16093.73	16975.57	17857.42		
36	Vateria indica.	5.511 MM	"	804.61	848.69	892.78		
37	Mango	5.511 MM	"	804.61	848.69	892.78		
38	Bombax malabaricum	137.780 MM	"	20115.88	21218.12	22320.36		
39	Evodia roxburghiana (Kanala)	137.780 MM	100 Kg	20115.88	21218.12	22320.36		

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Sl. No.	Description of work	Schedule of rate in Rupees					Remarks
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area	
40.	Ailanthus malabaricum and Ailanthus excelsa	330.690 MM	"	48280.74	50864.66	53571.78	
40(a)	Bamboos	33.069 MM	"	4828.70	5092.63	5357.18	
41	Evodia, Mahagony, bamboos natural seedlings.	3 MM	100 Nos	438.00	462.00	486.00	
41(a)	Rauwolfia serpentina seedlings	5 MM	"	730.00	770.00	810.00	
41(b)	Bamboo rhizomes	3 MM	"	438.00	462.00	486.00	
41(c)	Bamboo seedlings 2 to 4 of 3 years old with 20 cm to 25 cm stalk with boll of earth.	4 MM	"	584.00	616.00	648.00	
42.	Kulamavu seeds	55.115 MM	100 Kg.	8046.79	8487.71	8928.63	
43(a)	Pala(Alstonia)	110.231 MM	"	16093.76	16975.57	17857.42	
43(b)	Rauwolfia seeds	38.580 MM	"	5632.68	5941.32	6249.96	
43(c)	Paper mulbery	11.023 MM	"	1609.36	1697.54	1785.73	
43(d)	Balsa seeds	17.636 MM	"	2574.86	2715.94	1785.03	
43(e)	Papitta seeds	33.069 MM	100 Kg	4828.07	5092.63	5357.18	
43(f)	Collection of seeds in normal seed year Sterculia Companulata.	55.115 MM	100	8046.79	8487.71	8928.63	
43(g)	Collection of sterculio eucalyptus seeds	10.000 MM	Kg.	1460.00	1540.00	1620.00	

G.O.Rt. 2965/66
Agri dtd 26.12.1966

Note:- For considerably large supplies and poor seed years, rates may be increased up to 50% for all seeds, as per G.O.Rt.No: 1590/81/Forest dt. 24.12.81.

Remarks

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks	An. No.
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area		
<u>V. FIRE PROTECTION</u>								
44	Reclearing outer boundaries of reserves to a width of 6 m to 7 m.	6.210 MM to 7.452 MM	Km	906.66 to 1087.99	956.34 to 1147.61	1002.02 to 1207.22		
45.	Reclearing the enclosure boundaries of Reserves, preliminary demarcated boundaries of proposed reserves, plantation boundaries etc., to a width of 3m.	3.726 MM	Km	544.00	573.80	603.61		
46(a)	Re-erecting boundary cairns (full size) completely damaged.	1.000 Mm	Each	146.00	154.00	162.00		
46(b)	Re-erecting boundary cairns(full size) partly damaged.	0.500 MM	Each	73.00	77.00	81.00		
47	Reclearing of coupe lines	2.484 MM	Km	362.66	382.54	402.41		
48	clearing boundary line to a width of 5.2 metres	20 MM	Km	2920.00	3080.00	3240.00	G.O.Rt.No:614/79 AD dt. 5.3.1979	18
	Fire tracing	20 MM	Km	2920.00	3080.00	3240.00		
<p>Note:- Fire tracing includes clearing 17 ft(5.2m)wide, scraping 6 ft (180 cms) on either side and fire tracing a centre belt of 5 ft (150 cms).</p>								
49	Frontier lines cutting and scraping 3 m wide guide line and burning.	9.936 MM	Km	1450.66	1530.14	1609.63		
50.	Clearing growth on District boundary 4.5 m wide	6.831 MM	Km	997.33	1051.97	1106.62		
51.	Clearing boundary between Thekkady and Kollengode Private forests (3.6m)	4.968 MM	km	725.33	765.07	804.82		

G.O.Rt. 2965/66
Agri dtd 26.12.1966
increased up to

Sl. No.	Description of work	Schedule of rate in Rupees.					Remarks	Anne
		Labour data	Unit	Ordinary area	Difficult area	Very Difficult area		
51.	Clearing boundary between Thekkady and Kollengode Private forest (3.6)	4.968 MM	Km	725.33	765.07	804.82		
52.	Clearing guidance lines 2.5 m wide	3.415 MM	Km	498.59	525.91	553.23		
53.	" 3.6 m wide	4.657 MM	Km	679.92	717.18	754.43		
53(a)	Burning cleared lines 2.4 m to 3.6 m wide	0.310 MM	Km	45.26	47.74	50.22		
53(b)	Clearing guide lines 0.90 m to 1.5 m wide	2.484 MM	Km	362.66	382.54	402.41		
54.	First burning lines between two guidance lines	1.863 MM	Km	272.00	286.90	301.81		
55	Second burning	1.242 MM	Km	181.33	191.27	201.20		
55(a)	Early burnings grass area	2.471 MM	100 Hact	360.77	380.53	400.30		
55(b)	Fire tracing wooden culverts and bridges	1.000 MM	5 Nos	146.00	154.00	162.00		
		0.200 MM	Each	29.20	30.80	32.40		
56	Cutting internal boundaries of plantation 3.6 M wide	4.657 MM	Km	679.92	717.18	754.43		
57	clearing around buildings and colonies	9.884 MM	Hect	1443.06	1522.14	1601.21		
58	Cleaning foot path and bridge path	3.726 MM	Km	544.00	573.80	603.61		

Annex No.	Sl. No.	Description of work	Schedule of rate in Rupees			Rem- arks	An. No.	
			Labour data	Unit	Ordinary area			Difficult area
		<u>VI BOATWORK</u>						
	59.	Scooping out logs in the shape of a boat by Axeman in Anjili or Jack	1.500 Axeman	Van nam	271.50	295.50	321.00	
	60.	Carpentry work such as neatly fashioning into a boat and providing paddles	1.500 carpenter	"	250.50	271.50	289.50	
	61.	Extra to items 59 and 50 for boats in kambagom (25% Extra)	0.375 SMM	"	62.63	67.88	72.37	
	62.	Fish oiling the boat	1.5 MM	"	219.00	231.00	243.00	
		<u>VII OTHER WORKS</u>						
	63.	Erecting temporary shed with jungle wood posts., bamboos, reeds etc. scraping clearing and levelling site and thatching with grass etc.	10.763 MM	10 Sq. m	1571.40	1657.50	1743.61	
	64.	Cleaning jungle growth on either side of the road (1.8m on the upper and 0.9 m on the lower sides) once in a year.	4.968 MM	Km	725.33	765.07	804.82	
	65.	" twice in a year.	7.452 MM	Km	1087.99	1147.61	1207.22	
	66.	Repairing the road surface by clearing filling and sectioning&forming, repairing side drains etc.,complete during the year (once)	15.525 MM	Km	2266.65	2390.85	2515.05	
	66(a)	Cutting and removing wind fallen trees from road 76 cm to 120 cm. girth	0.500 axeman	Per tree	90.50	98.50	107.00	
	"	121 cm to 180cm	1.000 Axeman	"	181.00	197.00	214.00	
	"	Over 180cm	1.500 Axeman	"	217.50	295.50	321.00	

Sl. No.	Description of work	Schedule of rate in Rupees				Remarks	An No
		Labour data	Unit	Ordinary area	Difficult area		
66(b)	1. Cutting and removing bamboo clumps up to 1.80 m circumference.	1 MM	Each	146.00	154.00	162.00	
	2. 181 cm to 360 cm	2 MM	Each	292.00	308.00	324.00	
	3. Above 360 cm	3 MM	Each	438.00	462.00	486.00	
67	Special clearing of side drains	2.484 MM	Km	362.66	3 82.54	402.41	
68(a)	Providing plantation boards 22 cm x 10 cm x 2.5 excluding cost of timber.	0.167 MM	Board	24.38	25.72	27.05	
69(a)	Girdling trees below 150 cm girth	15 MM	100 trees	2190.00	2310.00	2430.00	
69(b)	" 150 cm and above	25 MM	"	3650.00	3850.00	4050.00	
69(c)	Poisoning ing trees after girdling (labour only)	2 MM	"	292.00	308.00	324.00	
70(a)	Conversion and classification of teak poles I class	0.083 Axeman	Pole	15.02	16.35	17.76	
70(b)	Haulage up to 400 m	0.875 MM	Pole	127.75	134.75	141.75	
71(a)	Conversion and classification of II class teak poles	0.063 Axeman	Pole	11.40	12.41	13.48	
71(b)	Haulage up to 400 m	0.656 MM	Pole	95.78	101.02	106.27	
72(a)	Coverision and classification of III poles	0.042 Axeman	pole	7.60	8.27	8.99	
72(b)	Haulage up to 400 m	0.438 MM	pole	63.95	67.45	70.96	

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks	An. No.
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area		

73(a)	Conversion and classification of IV class poles	0.033 Axeman	pole	5.97	6.50	7.06	
73(b)	Haulage up to 400 m	0.15 MM	pole	21.90	23.10	24.30	
74(a)	Conversion and Classification of V class, chiseling either Number or class.	0.017 Axe-man	pole	3.08	3.35	3.63	
74(b)	Haulage up to 400 m	0.075 MM	pole	10.95	11.55	12.15	
74(c)	collection of Kappukals	0.025 MM	pole	3.65	3.85	4.05	
74(d)	Haulage of Kappukals	0.025	pole	3.65	3.85	4.05	

Note:- Items 70 to 74 haulage over 400 m, 25% of the rate may be added for every additional 200m

Collection of poles from thinning in plantations.

G.O.(MS)184/79/AD 8
dated 28.4.1979

IA	1.138 MM	Each	166.15	175.25	184.36
IB	1.050 MM	"	153.3	161.70	170.10
IC	0.875 MM	"	127.75	134.75	141.75
IIA	0.854 MM	"	124.68	131.52	138.35
IIB	0.787 MM	"	114.90	121.20	127.49
IIC	0.656 MM	"	95.78	101.02	106.27

Note:- For the item 74(d), the rates are calculated on the basis of enhanced wage rates of labour unit as per G) MS No. 113/86/F&WLD dated 19.12.1986 Rates for difficult and very difficult areas are derived from that of ordinary area.

75	Dibbling seeds of any species at 1.8 m apart in crowbar holes.	6.177 MM	Ha	901.81	951.26	1000.67
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Sl. No.	Description of work	Schedule of rate in Rupees *					Remarks
		Labour data	Unit	Ordinary area	Difficult area	Very Difficult area	
76(a)	Pit planting seedlings of any species	0.5 MM +	100 Plants	73.00	77.00	81.00	
		1.0 Woman		<u>146.00</u> 219.00	<u>154.00</u> 231.00	<u>162.00</u> 243.00	
76(b)	1. Pitting in ordinary soil	0.706 MM	cum	103.08	108.72	114.37	
	2. -do-in hard soil	1.059 MM	Cum	154.61	163.09	171.56	
76(c)	Pit planting coconut seedlings	3.500 MM	100 plants	511.00	539.00	567.00	
76(d)	Opening the base of the coconut palm to a radius of 1.2 m and heaping the soil along the periphery.	0.066 MM	Each	9.64	10.16	10.69	
76(e)	Opening the base of young coconut plant and covering with earth after manuring.	0.050 MM	Each	7.30	7.70	8.10	
76(f)	ploughing the ground one round in coconut tope	6.177 MM + hire of bull	Ha	901.84 <u>3.70</u> 905.54	951.26 <u>3.70</u> 954.96	1000.67 <u>3.70</u> 1004.37	
77	Basketting, dibbling Seeds or planting seedlings after filling the basket with the required soil and manure etc.	2 MM	100 plants	292.00	308.00	324.00	
77(a)	Cost of Bamboo basket 10 cm x 23 cm supply at nursery site.	1.75 MM		255.50	269.50	283.50	
77(b)	-do -do- 10 cm x15 cm -do-	1.75 MM	-do-	255.50	269.50	283.50	
78	Clearing, climber cutting, stubbing out unwanted species from coppice coupe.	12.355 MM	Ha	1803.83	1902.67	2001.51	

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks	Annex No.
		Labour data	Unit	Ordinary area	Difficult area	Very Difficult area		
79	Clearing strip lines (3m wide and 20 m apart) in strip regeneration coupe.	4.942 MM	Ha	721.53	761.07	800.60		
<p>Note for item 77(a): in the G.O Rs. 3.50 was provided i.e. when the wages rate was @ Rs. 2.00 per MM</p>								
80	Planting seedlings or dibbling seeds of any sprcies 180 cm apart in strip lines with necessary stakes (20 m apart in strip lines)	9.884 MM	Ha	1443.06	1522.14	1601.21		
<p>VII NURSURIES WITH STANDARD BEDS</p>								
81	Formation of standard Nursury beds of 12 m x 1.2 m x0.3 m including clearing site by cutting down, all miscellaneous growth excavating soil 45 cm deep, collection of p-egs and bamboo thatties or reeds of other materials for side.	5	Bed	730.00	770.00	810.00		
81(a)	Weeding beds clear of all weeds as and when necessary	0.5 MM	Bed	73.00	77.00	81.00		
82	Sowing seeds covering with straw or phyllanthus emblica and removing the cover after germination	0.5 MM	Bed	73.00	77.00	81.00		
83.	Fencing including collection of materials planting posts at 1.5 m apart with 4 rows of bamboo reepers	13.123 MM	100 Rm	1915.96	2020.94	2125.93		
83(a)	-do- -do-do and covering with read or brushwood or thorns	13.123 MM	100 RM	1915.96	2020.94	2125.93		

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area	
84	Providing shade pandal for nursery bed excluding seigniorage of materials.	1 MM	Bed	146.00	154.00	162.00	
85	Providing plaforms for keeping pot and basket plants.	2 MM	bed	292.00	308.00	324.00	
	Transport of Bamboos upto a lead of 3 Km	1 MM	5 Nos	146.00	154.00	162.00	GO(Rt) 2509/80/AD dated 9.9.1980
	Collection of 100 Nos. of pegs and preparing thatties for nursery beds.	1 MM	5 Pegs	146.00	154.00	162.00	
86	Survey and lay out of 2 ha. Plots after burning.	0.247 MM	Ha	36.06	38.04	40.01	
87.	Collection of 60 cm bamboos, reed or wooden stakes for aligning and stacking.	2 SSMM	1000	324.00	324.00	348.00	For bamboos/reeds stakes only. See M.W. report. Page 37 for wooden states
		2 MM	"	292.00	308.00	324.00	
87(a)	Transport of stakes beyond 400 m	0.5 MM	1000	73.00	77.00	81.00	
88(a)	Aligning and staking 2.5 mx 2.5 m	6.177 MM	Ha	901.84	951.26	1000.67	
88(b)	-do- 1.8 mx1.8 m	9.884 MM	"	1443.06	1522.14	1601.21	
88(c)	-do- 3.3 x 3.3 m and 6 x 3.3m	4.942 MM	"	721.53	761.07	800.60	
88(d)	-do- 9 x 9 m or 6.6 x 6.6 m	3.706 MM	"	541.08	571.72	600.37	
88(e)	-do- 5.5 x 5.5 m or 5.2 x 5.2 m	4.324 MM	"	631.30	665.90	700.49	
88(f)	Transport in headload of tube or basket plants from nursery site to planting site up to 400 m.	0.5 MM	100	73.00	77.00	81.00	

Remarks

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks	Annex No.
		Labour data	Unit	Ordinary area	Difficult area	Very Difficult area		
88(g)	-do- -do- 400 m to 800 m	1 MM	"	146.00	154.00	162.00		
88(h)	-do- -do- for every additional 400 m	0.25 MM	"	36.50	38.50	40.50		
89(a)	Uprooting teak seedlings from nursery and preparing stumps.	2 MM	1000	292.00	308.00	324.00		
	Do - Do bombax seedlings one year old	2 MM	"	292.00	308.00	324.00		
	-do- -do- two year old	3 MM	"	438.00	462.00	486.00		
	Other seedlings	1.5 MM	"	219.00	231.00	243.00		
89(b)	Transport of stumps from nursery to planting area upto 800 m leaed	0.50 MM	"	73.00	77.00	81.00		
89(c)	-do- -do- 800 m to 1600m	0.75 MM	"	109.50	115.50	121.50		
89 (d)	Transport of seedlings from nursery to plating site upto 800m	0.75	"	109.50	115.50	121.50		
89(e)	-do- 800 m to 1600 m	1 MM	"	146.00	154.00	162.00		
89(f)	-do-in head loads of tubes or basket plants from nursery site to planting site upto 800 m	0.5 MM	1000	73.00	77.00	81.00		
89(g)	-do- -do- 400 m to 800 m MM	1 MM	"	146.00	154.00	162.00		
89(h)	-do- -do- for for every additional 400 m	0.25 MM extra	"	36.50	38.50	40.50		
	Transport of stumps by lorry.	-	-	-	-	-		G.O.Rt No. 2329/80 22 /AD dated 16.8.1980. G.O.M.S. 7/2007 F & WLD dt.24.2.
90(a)	Planting stumps or seedlings in crowbar holes 2.5 m x 2.5 m	2.5 MM	1000	365.00	385.00	405.00		
90(b)	-do- -do- 2 m x 2 m MM	2 MM	"	292.00	308.00	324.00		

2509/80/AD
9.9.1980

noos/feeds
only. See
report. Page 37

oden states

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area	
90(c)	Sofwood planting in crowbar holes 3 mx3m	3.5 MM	"	511.00	539.00	567.00	
90(d)	-do- -do- 7 m x 3 m	4 MM	"	584.00	616.00	648.00	
90(e)	Underplanting species like mahagony etc., by cutting lines 1 m in diameter 10 m apart and in lines.	4.942 MM	"	721.53	761.07	800.60	
90(f)	Forming mounts and planting seedlings or sowing seeds.	3 MM	100 mounts	438.00	462.00	486.00	
91(a)	Replacing casualties teak	0.617 MM	Ha	90.08	95.02	99.95	
91(b)	-do- -do- softwood	1.235 MM	Ha	180.31	190.19	200.07	
92.	First year first weeding— (in may - june) mamatty weeding entire area	29.625 MM	"	4325.25	4562.25	4799.25	
93	First year second weeding (August - September) clear knife weeding including uprooting lantana, bamboo etc.	14.826 MM	"	2164.60	2283.20	2401.81	
94.	First year third weeding (December- January) as above and scraping 30 cm around all plants above 60 cm and soil working around plants 60 cm and mulching for all plants.	9.884 MM	Ha	1443.06	1522.14	1601.21	

Note:- The above works (92,93) are necessary if there is no ponam (taungya) cultivation. Where there is ponam (taungya) Cultivation, only item 94 is to be done by the department.

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks	Ann. No.
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area		
94(a)	Cutting back double leaders and pruning in the first and second year.	2.471 MM	Ha	360.77	380.53	400.30	See Note below	
Note:- Under 94(a) Pruning was restricted vide circular 50/76 of CCF full wage rate under 94(a) is allowed for cutting back double leaders as per No. P3 48876/80 dated 13.8.81 of CCF								22 23
94(b)	Additional weeding when found necessary	4.942 MM	"	721.53	761.07	800.60		
95	Contingencies for ropes	0.25 MM	"	36.50	38.50	40.50	Originaly 50ps. equal to 0.25mm at that time	
IX(a) SECOND YEAR WEEDING								
96.	First weeding in May-June) clear knife weeding and uprooting bamboo lantana etc.	9.884 MM	"	1443.06	1522.14	1601.21		
97.	Second weeding (August-September) as above	7.413 MM	"	1082. ²⁹ 60	1141.60	1200.91		
98.	Third weeding (December-January) knife weeding in line 60 cm oneither side of the plant .	4.942 MM	"	721.53	761.07	800.60		
98(a)	Additional weeding when found necessary	3.706 MM	"	541.08	570.72	600.37		
X(b). THIRD YEAR WEEDING								
99.	First weeding in (May-June) clear knife weeding with uprootal of lantana, bamboo etc.	9.884 MM	Hact.	1443.06	1522.14	1601.21		
100.	Second weeding (November-December) line weeding 60 cm on either side.	3.706 MM	Hacr	541.08	570.72	600.37		
100(a)	Knife weeding eupitorium area after third year 1. Heavy weed growth	24.710 MM	"	3607.66	3805.34	4003.82	See Note below	

Sl. No.	Description of work	Schedule of rate in Rupees				Remarks
		Labour data	Unit	Ordinary area	Difficult area	

2.Moderate gorwth	18.532 MM	"	2705.67	2853.93	3002.18
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3.Light growth	12.355 MM	"	1803.83	1902.67	2001.51
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Note :- For 100(a) 3 this weeding is to be done in October-November or before the Eupatorium flowers.

100(b)	Additional weeding when found necessary	2.471 MM	Ha	360.77	380.53	400.30
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100(1)	Special tending of plantation of over three years with heavy bamboo growth.	14.826 MM	"	2164.60	2283.20	2401.81
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100(2)	-do- -do- miscellaneous growth	9.884 MM	"	1443.06	1522.14	1601.21
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100(c)	Knife weeding -3 weedings to be done during the month of July-December	7.413 MM	"	1082.30	1141.60	1200.91
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100(d)	Third year mammtly weeding to the eucalyptus plantations.	34.594 MM	"	5050.72	5327.48	5604.23
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X. THINNING TEAK PLANTATIONS

101	First mechanical thinning in 2m x 2m plantations including preliminary clearing.	9.884 MM	"	1443.06	1522.14	1601.21
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102.	Second mechanical thinning in 2 m x 2m or first mechanical thinning in 2.5m x 2.5m or 2m x 2m including preliminary clearing.	4.942 MM	"	721.53	761.07	800.60
		4.942 Axeman		894.50	973.57	1057.59
				1616.03	1734.64	1858.19

Remarks

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks	An. No.
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area		
102(a)	Tending by way of clearing climber cutting in the 5th year in plantation of 2.5 m x 2.5 m or 2 m x 2 m but not taken up for the first thinning.	7.413 MM	Hac	1082.30	1141.60	1200.91		
102(b)	Coppicing elephant damaged teak plants	2 MM	100 Plants	292.00	308.00	324.00		
103.	First silvicultural thinning including clearing growth to facilitate marking 1	7.413 MM	Ha	1082.30	1141.60	1200.91		
		4.942 Axeman		<u>894.50</u>	<u>973.57</u>	<u>1057.59</u>		
				976.80	2115.17	2258.50		
104.	Second thinning silvicultural	3 Axeman	100 poles felled	543.00 +	591.00 +	642.00 +		
		4.942 MM	Hac	<u>721.53</u> 804.22	<u>761.07</u> 904.74	<u>800.60</u> 1005.27		
105	Third silvicultural thinning	4.942 MM	Ha	721.53	761.07	800.60		
		10 Axeman	100 trees felled	1810.00	1970.00	2140.00	See Note below	
Note for item 104 & 105: Provide axeman according to the number of trees to be felled.								
105(a)	Marking for thinning in places where there are no plantation watchers.	0.617 MM	Ha	90.08	95.02	99.95		
106	Final thinning -rates for marking trees and felling trees as per items noted already to be a adopted	"	"					
107	slash felling							
107(a)	Predominantly bamboo area	49.42 MM	Ha	7215.32	7610.68	8006.04		
107(b)	Ordinary area	24.71 MM	"	3607.66	3805.34	4003.02		

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area	
108	Clearingsafety lines 3.6 m wide including scraping two guide lines of 1.2 m wide on either side keeping the whole stack in the middle and burning.	13.972 MM	Km	2039.91	2151.69	2263.46	
109	First burning	1.235 MM	Ha	180.31	190.19	200.07	
110	Heaping and burning						
110(a)	where elephant power is used in burning etc.	14.826 MM	"	2164.60	2283.20	2401.81	
110(b)	-do -d- is not available	29.652 MM	"	4329.19	4566.40	4803.62	
111(a)	Scraping 30 cm radius around the plants	3 MM	1000	438.00	462.00	486.00	
111(b)	Skinning grass to a radius of 90 cm ordinary grass area	15 MM	"	2190.00	2310.00	2430.00	
111(c)	-do- -do- 90cm in heavy grass area.	22.5 MM	"	3285.00	3465.00	3645.00	
111(d)	skinning entire surface in heavy grass area.	59.304 MM	"	8658.38	9132.82	9607.25	
111)	skinning entire surface in ordinary grass area	37.065 MM	"	5411.49	5708.01	6004.53	
112	cutting bamboos preparing tubes with one note centre split and tied with fibre.	15 MM	1000	2190.00	2310.00	2430.00	
113	Drying earth filling in tubes and sowing 3 to 4 seeds in each tube after soaking the same for 12 to 24 hours.	15 MM	"	2190.00	2310.00	2430.00	
114	Clearing heavy jungle growth without felling trees	19.768 MM	Ha	2886.13	3044.27	3202.42	

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks	Ann. No.
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area		
115	Clearing light jungle without felling trees	9.884 MM	Ha	1443.06	1522.14	1601.21		
116	Forming inspection paths 2.4 m wide in regeneration area.	7.762	Km	1133.25	1195.35	1257.44		
117	Soil working 90 cm diametre around the plants	10 MM	1000	1460.00	1540.00	1620.00		
117(a)	-do- -do- in area with 9 m x 9m espacement in Cashew plantations	20 MM	"	2920.00	3080.00	3240.00		
117(b)	Soil working 2.4 m diametre around plants in area with 5.5m x 5.5 m espacement in cashew plantations.	5 MM	100	730.00	770.00	810.00		
118	Transport of seeds to nursery up to 1.6 m	0.0734 MM	Kg	10.72	11.30	11.89		
119	Dibbling seeds covering bed with leaves and removing leaves	0.5 MM	Bed	73.00	77.00	81.00		
120	Maintenance of teak nursery beds during 2 nd year	0.5 MM	"	73.00	77.00	81.00		
121	Digging pits 3.6 m diametre at top 2.7 m diametre at bottom and 3.6 m deep and removing the excavated earth to a place beyond 100 m and filling the pits with 1.2 m brushwood and 60 cm of grass or leaves etc from bottom and covering the mouth of the pits with a layer of grass or leaves over sticks laid at crosswise so as to conceal its existence.	30 MM	Pit	4380.00	4620.00	4860.00		

Sl. No.	Description of work	Schedule of rate in Rupees				Remarks
		Labour data	Unit	Ordinary area	Difficult area	
121(b)	Construction of pits	P.W.D. schedule of rates to be followed				
121(b)	Padding pits with brush wood, grass etc, and covering and camouflaging	6 MM	per pit	876.00	924.00	972.00
122	Repairs to old pits	5 MM	"	730.00	770.00	810.00
123	Frost padding and covering old pits	10 MM	"	1460.00	1540.00	1620.00
124	Re-pading and re covering	2 MM	"	292.00	308.00	324.00
125	Out pitting and caging elephant including marching but excluding decoying charges I and II classes	30 MM	Each	4380.00	4620.00	4860.00
126	-do- III & IV classes	25 MM	"	3650.00	3850.00	4050.00
127	-do- V class	17.5 MM	"	2555.00	2695.00	2835.00
128	Collection of fodder per bundle of 56 lbs excluding transport.	0.246 MM	25 Kg	35.92	37.88	39.85
129	Construction of feeder road in selection felling and clear felling coupes	49.680 MM	Km	7253.28	7650.72	8048.16
130	Construction of drag paths in selection felling and clear felling coupes	4.968 MM	"	725.33	765.07	804.82

Note:- for items 122 to 128. A lumpsum amount was provided in the original schedule of rate when the wage rate was Rs. 2/ per m m. Corresponding labor units are arrived at and multiplied by the present wage rates.

131 Sandal wood extraction

40

See item 143 onwards

S No.	Description of work	Schedule of rate in Rupees				Remarks	Anni. No.
		Labour data	Unit	Ordinary area	Difficult area		
132	Cutting and removal of loranthus in plantation						
	i. Up to 20 years of age	4 SMM	100 infected trees	668.00	724.00	772.00	G.O(Rt) No 1479/81 24 Forest dtd. 4.11.1981
	ii. -do- 21 to 40 years age	8 SMM	-do-	1336.00	1448.00	1544.00	
	iii. Above 40 years age.	12 SMM	-do-	2004.00	2172.00	2316.00	
133	Frost covering with broken leaves for seedlings below 30 cm in height	1.500 MM	100 plants	219.00	231.00	243.00	
134	Application of manure for plants	2 MM	100 plants	292.00	308.00	324.00	48.67/75 6
		1 MM	150 Plants	146.00	154.00	162.00	
		1 MM	75 Plants	146.00	154.00	162.00	

Note:- (Rates for this work reduced to 1/3 vide circular No. 29/84 dated 1.8.84 of C.C.F

(2) As per Order No. P3/30616/87 dt. 1.12.87 of C.C.F. (D) rate for all species is fixed to 2/3 rd, ie, 1 M.M. per 75 plants. 1.333 per 100 plants

135	Loading logs and poles in lorries	0.706 HSMM	Cum	127.79	139.08	151.08	Go (Rt.) No. 146 /81 Forest, Dated 31.10.81 allowed as per GOMS7/2007 F&WLD 24-2-2007
		Minium piece rate	Cum				

Note:- Minimum piece rate as per G.O.Rt 1081/88/LBR dt 18.6.88 (Annex 27) shall be followed VDA is also admissible.

rate when the present	136(a)	Unloading logs and poles	0.353 HSMM	Cum	63.89	69.25	75.54	Go.(Rt.)No 1467/81 Forest dated 31.10.1981 G.O.(MS)7/07 F & WLD dt. 24/02/07	27
			41						

Sl. No.	Description of work	Schedule of rate in Rupees				Remarks	
		Labour data	Unit	Ordinary area	Difficult area		V Difficult area
136(b)	Stacking poles	0.264 MM	Cum	38.54	40.66	42.77	
136(c)	Stacking Kappukals	0.090 MM	Cum	13.14	13.86	14.58	
137	Stacking timber in depots with hired elephants	0.01765 MM	Cum	29.70	29.70	29.70	GOMS 393/80 dated 17.10.80 Go (Ms) No 361 Dtd 11.12.1984
138	Stacking timber in depots with manual labour	1.412 SMM	Cum	235.80	255.57	272.52	G.O.MS/07 F & WLD 24-02-07
139(a)	Dragging logs by hired elephants for an initial lead of 200 metres.	-	Cum	135.00	135.00	135.00	G.O. MS No. 707 F & WLD dt 24.2.07
	i. Do- I & II class teak poles	-	"	135.00	135.00	135.00	GO(MS) 393/80/AD dtd 17.10.80
139(b)	Dragging logs by hired elephants for every addl 100 metres.	-	Cum	45.50	45.50	45.50	G.O. MS No. 707 F & WLD dt 24.2.07
	(i) I & II Class Teak poles	-	"	45.50	45.50	45.50	
139(c)	Dragging logs by hired elephants in difficult rugged nature areas for an initial lead of 200 metres.	-		202.50	202.50	202.50	CCF to decide rugged nature
	i) - do - I & II class Teak poles	-	Cum	202.50	202.50	202.50	
139(d)	Dragging logs by hired elephants for every additional 100 metres	-	Cum	67.50	67.50	67.50	
	ii) - do - I & II class Teak poles	-	Cum	67.50	67.50	67.50	G.O. MS No. 707 F & WLD dt 24.2.07
139(e)	Hand dragging timber and sawn materials first 400 m	4.414 MM	Cum	644.44	679.76	715.07	
	For every additional 200 m (25% extra)	1.10 MM	Cum	160.60	169.40	178.20	
140	Presentation of logs for selection	0.706 MM	Cum	103.08	108.72	114.37	
141	Loading in railway waggons with out crane hire.	2 MM	Cum	292.00	308.00	324.00	G.O.(R)2556/69/AD 07 19-10-1969.

Note: As per G.O. Rt. No. 2978/82/AD dt. 17.11.82 Crane hire charge to be paid extra Whenever cranes are used for loading timber in Railway Wagons from the Railway Stations Viz. Nanjangode, Mysore, Feroke, Olavakkode.

m- ks	Sl. No.	Description of work	Schedule of rate in Rupees				Rem- arks	Ann. No.
			Labour data	Unit	Ordinary area	Difficult area		
		XI. RIVER TRANSPORT						
	142	Rafting conditions differ from place to place and hence the Conservator of forests to sanction rates for different localities.						
		XII. SANDAL WOOD EXTRACTION						
	143(a)	Marking Sandalwood trees	2 MM	100 trees	292.00	308.00	324.00	
	143(b)	Uprooting of trees	1.90 MM	Tree	277.40	292.60	307.80	
	143(c)	Transport by headload of all types of Sandalwood of the first 200 metres.	2.49 MM	MT	363.54	383.46	403.38	
	143(d)	-do- for every additional 200 meters	1.66 MM	MT	242.36	255.64	268.92	
	143(e)	Omitted as per G.O.(MS) 10/93/Forest dt.12-2-93						37
	143(f)	Rough chipping and weighing the sandal wood at Forest Sub depot.	0.137 MM	Kg.	26.00	21.10	22.19	
	143(g)	Transporting the rough cleaned Sandalwood (including soft wood) trees from Central Depot to an average lead of 3.2m by head load.	1.968 MM	Metric ton.	287.33	303.07	318.82	
	143(h)	-do- -do- by cart	1.107 MM	MT	161.62	170.48	179.33	
	143(i)	Weighing and tree forming etc., for inspection.	5.905	Ton.	862.13	909.37	956.61	
	144(j)	Transport of sandal wood by lorry						

Sl. No.	Description of work	Schedule of rate in Rupees				Remarks	
		Labour data	Unit	Ordinary area	Difficult area		V Difficult area
143(k)	Final cleaning	0.088	Kg	12.85	13.55	14.26	
144	Transport of timber in lorries	-	-				
	(a) Black topped Macadam roads						
	(i) For the first 10 Kms		Per cum	132.90	132.90	132.90	Lump sum for 10 Km
	(ii) For the next 15 Kms		Per cum/Km	8.78	8.78	8.78	
	(iii) Beyond 25 Kms.		Per cum/Km	7.10	7.10	7.10	
	(b) For the Coupe roads and fair weather roads						Lump sum for 10 Km
	(i) For the first 10 Kms		Per cum	177.13	177.13	177.13	
	(ii) For the next 15 Kms		Per cum/Km	11.71	11.71	11.71	
	(iii) Beyond 25 Kms.		Per cum/Km	9.46	9.46	9.46	
145	Transport of timber through country carts	-	-				
145(a)	Minimum rate for short trip	-	-				
145(b)	Rate for long trip above 6.4 m	-	-				
146(a)	Tar banding trees 5 cm in diameter below 120 cm in girth.	0.875	100 MM	127.75	134.75	141.75	Old rate was Rs.2/- per mm

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Sl. No.	Description of work	Schedule of rate in Rupees					Remarks	An. No.
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area		
146(b)	-do- 120 cm to 149 cm	1.125 MM	100	164.25	173.25	182.25		
146(c)	-do- 150 cm and above	2.00 MM	100	292.00	308.00	324.00		
147	Final classification of logs	1.500 MM	100 logs	219.00	231.00	243.00		
148	Watering nursery beds (teak and soft wood 3 men mazdoor for 100 beds per day. Water available within 100m.	3 MM	100 beds	438.00	462.00	486.00		
		.03 MM	Bed	4.38	4.62	4.86		
148	For every additional 100 m 25% extra	0.75 MM	100 beds	255.50	269.50	283.50		
148(b)	Watering Eucalyptus nursery beds. The details given under item 148(a) is applicable to item (b) also.	0.0075 MM	Beds	1.10	1.16	1.22	See M-W Notification	
148(c)	Dipping basketted seedlings in septicide seedlings solution	2 MM	1000	292.00	308.00	324.00		
148(d)	Spraying or dusting pits with insecticides	3 MM	1000	438.00	462.00	486.00		
149	Stock mapping the Reserved Forest by Perambulation	2.471 MM	100	360.77	380.53	400.30		
150	Cutting baselines and strip lines in teak plantations and fixing numbered pegs at every chain	0.994 MM	10 Metric Chain	145.12	153.08	161.03		
151	Assisting in recording the height measurement of dominant trees in all square chains on both sides of the strip line and also in the	2.471 MM	5 Ha	360.77	380.53	400.30		
		0.988 MM	Ha	144.25	152.15	160.06		

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Sl. No.	Description of work	Schedule of rate in Rupees				Remarks	
		Labour data	Unit	Ordinary area	Difficult area		V Difficult area
	intermediate strips in the 5th 15th etc., and 10th, 20th, 30th square chains.						
152	Enumeration of trees in strips 1 chain wide at every 10th chain the strip being laid out from a base line.						
	<u>(a), cutting and cleaning strip lines each 90 cm wide mostly in ever green forests.</u>	0.994 MM	1 Metric chain	145.12	153.08	161.03	
(b)	Enumeration of all trees of and above 90 Cm girth at breast height within respective strips.	1MM	100	146.00	154.00	162.00	
153	Demarcating sample plots and enumeration of trees in easily accessible deciuous forests.	0.617 MM	Ha	90.08	95.02	99.95	
154(a)	Climber cutting in plantations with ordinary growth of climber.	1.235 MM	Hact	180.31	190.19	200.07	
154(b)	Climber cutting in plantafions with ordinary growth of climber.	3.706	Ha	541.08	570.72	600.07	
155(a)	Ploughing 2 roundws with country plough	12.35 MM	Ha	1803.10	1901.19	2000.07	plus rent for bulls.
155(b)	Repairing the bunds	3.280 MM	100Rm	478.88	505.12	531.36	
155(c)	Collection and storing of river silt on canal and river bank.	1.33 MM	Boat	194.18	204.82	215.46	
155(d)	Transport of river silt from canel and river bank and distributing to opened base of palm.	1 MM	per Palm	146.00	154.00	162.00	

Sl. No.	Description of work	Schedule of rate in Rupees				Remarks	An. No.
		Labour data	Unit	Ordinary area	Difficult area		
155(e)	Purchase of wood ash	-	-	-	-	-	
155(f)	Transport of wood ash by head load from manure shed to palms and applying by head load over a lead of 400 m	1.5 MM	100 tins	219.00	231.00	243.00	
155(g)	Watering coconut seedling on alternate days at the rate of one tin each	49 MM	100 Seedling for 45 days.	7154.00	7546.00	7938.00	
155(h)	Uprooting lantana and other weeds in the tope	7.413 MM	Hact	1082.30	1141.60	1200.91	
156	Line weeding in plantations where the espacement 1.8 m x 1.8 m.	7.413 MM	Hact	1082.30	1141.60	1200.91	

XIII. THINNING CASHEW PLANTATIONS

157(a)	Marking for thinning as well as tending and climber cutting to the retained trees.	1.236 MM	Ha	180.46	190.34	200.23	
157(b)	Thinning Cashew trees	7.413 Axeman	Ha	1341.75	1460.36	1586.38	
158(a)	Uprooting of tree stumps big stumps (over 2.5 m stump girth)	5 MM	Ha	730.00	770.00	810.00	
158(b)	Uprooting of tree stumps medium stumps (1.2 m to 2.5 m stump girth)	3 MM	Each	438.00	462.00	486.00	
158(c)	Uprooting of tree stumps small stumps (90 cm to 120 cm stump girth)	1.5 MM	Each	219.00	231.00	243.00	
	Uprooting of bamboo clumps (of average 20 culms)	5 MM	Clump	730.00	770.00	810.00	

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area	
159	Weeding Eucalyptus plantations	14.826 MM	Ha	2164.60	2283.20	2401.81	
		2.471 WM	Ha	360.77	380.53	405.30	
	Reduction of Coppice shoots to 2 or 3 per stool in Eucalyptus plantations in 2nd year after clear felling with espacement 3.3 m x 3.3m.	1.750 MM	Ha	255.50	269.50	283.50	
	-do- -do- 2 m x 2m	4.921 MM	Ha	718.47	757.83	797.20	
	-do- -do- 2.5 m x 2.5 m	3.150 MM	Ha	459.90	485.10	510.30	
159(a)	Clear knife weeding in heavy grass area.	17.297 MM	Ha	2525.36	2663.74	2802.11	
159(b)	Clear knife weeding in heavy grass area	12.355 MM	Ha	1803.83	1902.67	2001.51	
160(a)	Construction of huts to hill tribe ponamdars	2.5 MM	Ha	365.00	385.00	405.00	
160(b)	Rewards for hill tribe tackledars for good work done in the tackled area 20 ha.	2.471 MM	Ha	360.77	380.53	400.30	
161	Labour charge for application of calcium ammonium nitrate to cocconut trees.	2 MM	100 Plants	292.00	308.00	324.00	
162	Digging pits in randy soil 90 cm x 90 cm x 90 cm	16 MM	100 Pits	2336.00	2464.00	2592.00	
163	Collection of green leaves Transport to pits and applying 5 kg per pit and planting seedling.						

Sl. No.	Description of work	Schedule of rate in Rupees					Remarks	An. No.
		Labour data	Unit	Ordinary area	Difficult area	V Difficult area		
163(i)	Collection and transport 500 Kg green leaves and supply	7.5 MM	100 Seedlings	1095.00	155.00	1215.00		
163(ii)	Applying leaf manure and planting coconut sedings	3 MM	100 RM	438.00	462.00	486.00		
164	Labour charges for construction of fence around the tope using bamboos and Irul Posts supplied	9.842 MM	100 RM	1436.00	1515.67	1594.40		
165	Forming mounds around the coconut trees before north east monsoon	3 MM	100 Trees	438.00	462.00	486.00		
166	Spreading mounds after north east monsoon	3 MM	100 trees	438.00	462.00	486.00		
167	Raising of green manure crop by sowing seeds in June in coconut tope etc.	MM	0.823 Ha	120.16	126.74	133.33		
168	Cutting of branches of the felled trees and unwanted species in dense, evergreen forests, removing the same in head loads without damaging the advance growth and dumping it properly and systematically where there is no regeneration along the contour as far as possible.	19.768 MM	Ha	2886.13	3044.27	3202.42		
169	Collection of Vakka	1.000 SMM	Head load	167.00	181.00	193.00		
	Digging earth around rosewood trees and removing the same	2 SMM	Each	334.00	362.00	386.00		
	Removing sapwood from reseeded logs at midgirth including turning etc. to facilitate recording midgirth etc.	1 Axeman	Cum	181.00	197.00	214.00		

**DETAILED JOB SPECIFICATIONS STANDARD TIMES AND
DAILY OUTPUT OF 25 IMPORTANT JOBS**

(As per Appendix of the Report of minimum wages committee for Employment in Forests in Kerala, 1970)

A. FELLING AND COLLECTION OF HARDWOOD TIMBER

a. Conditions

1. Terrain:- Gently sloping to slopes up to 45 degrees.
2. Type of forests:- Natural moist deciduous.
3. Undergrowth of medium density consisting of weed growth like Eupatorium, occasional thorny climbers etc.
4. Woody climbers like spatholobes, Roxburghi Occasional.
5. Occurrence of hollow trees unfit for depot delivery, Occasional.
6. Cross cutting is not to be done by the felling crew.

(b) Job Specification

1. In case where there is heavy under - growth around the tree to be felled, the area should be cleared to facilitate logging operations.
2. Fell all hard wood trees above 120 cm girth at breast height as flush with the ground as possible.
3. Trim of the tree stump.
4. Measure and mark the positions at which the tree has to be cross-cut to yield logs of suitable quality (not less than about 2.50 metres length and 120 c.m mid. girth) fit for depot delivery.
5. Dress the end portions of the logs by properly snouting and dragholing one end of the resultant logs and trimming of the branches and shaping the knots smoothly.
6. Debark all species completely except *L. lanceolata*.
7. In the case of *L. lanceolata* only the middle portion of the log to a width of about 10 c.m. is to be debarked and cross cutting has to be done by sawers and hence is outside the purview of the job dealt with here.
8. In the case of logs, which can be turned and debarked completely by the felling crew, it should be done by them. Whereas in the case of large logs, elephant power has to be provided to the felling crew for turning the log.

(c) Tools

- (1) Axe (2) Sharpening stone or file (3) Bill hook (4) Measuring tape (5) First-aid-kit

(d) Worker

Adult skilled man-mazdoor (Axeman)

(e) Standard time

Items	Standard time (Minutes)	Unit	Output per day per worker (360 minutes)
a) 1 to 8 job specification for logs of above 0.500 Cum in volume	180	Cu.m.	2.000 C.m.
b) Do. For logs of 0.500 Cum and below in volume	360	Cu.m.	1.000 C.m.

NOTE: -When loges are not debarked, output is increased by 33%.

B. ESTABLISHMENT OF EUCALYPTUS PLANTATION

I. FORMATION OF NURSERY SEED BED AND SOWING OF SEEDS (EUCALYPTUS SPECIES)

(a) Conditions

1. Terrain-level to gently sloping
2. Surface of soil - slash burnt and clear of wooding growth, but light undergrowth may be present
3. Soil with stumps and roots of the previous vegetation in the area.
4. Soil- loamy with pebbles and gravel but no boulders or stones.
5. Tree stumps are not to be uprooted.
6. Bed size is 3m x 1m x 15 cms aligned and set out in such a way to avoid tree stumps and deep soil working.

(b) Job specifications

1. Scrape with a mammatty and remove all muck and stumps of weed and shurbs from the site.
2. Set out with a metallic tape an area of 9.60mx1.60m.
3. Dig this area to depth of not less than 30 Cm all along.
4. Remove all roots, muck, gravel, pebbles etc from the worked up soil.
5. Level the surface.
6. Measure and set out an area of 3m x 1m on top.
7. Compact the soil around this alignment, preferably by pounding heavily with feet.
8. Cut the side of this bed along the alignment with a mammatty giving a slope of 45% (1/1 slope) to a depth of 15 cms all around the alignment to give a bottom measurement of 3.30m x 1. 30m.
9. Compact the sloping slides of the bed with a mammatty or wooden tool.
10. Loosen the soil on the surface of the bed with a mammatty.
11. Level surface by a leveling stick.
12. Sow seed uniformly on the bed (A pepper pot may be used for this)
13. Cover the seeds by sprinkling a thin layer of sand or fire soil on top of the bed.

(c) Tools and equipment

1. Measuring tape
2. Mammatty
3. Bill Hook
4. Pick axe

(d) Worker

Male –unskilled – work to be closely supervised by departmental staff.

(e) Standard time

Items	Standard time (Minutes)	Unit	Output per day per worker (420 minutes)
1 to 13 of Job Specifications	36	Sq.mtr	11.66 sq.mtr

II. WATERING EUCALYPTUS NURSERY
(Seed bed and container seedlings)

(a) Conditions

The requirement of watering has been worked out for seedlings maintained under shade seedbeds or polythene bags, for the hot period from December to May. A quantity of 30 liters water per day is estimated to be necessary for watering an area of one sq. m. which may contain 400 seedlings in a seed bed or 200 seedlings transplanted into polythene bags of dimensions 120 x 18 cm (lay flat). Natural source of water is presumed to be available.

(b) Job Specifications.

1. Bring water in suitable vessels from source to nursery site.
2. Fill Rosecan with water at nursery site and gently spray on to the seedlings at a rate of 10 liters per sq.m.
3. Watering may be done at this level 3 times a day, ie, twice during the morning and once during the evening.

(c) Tools and Equipments

1. A large vessel for fetching water.
2. A Rose can.

(d) Worker

Male, Female or Adolescent (unskilled)

(e) Standard times

Items	Standard time (Minutes)	Unit	Output per day per work (420 minutes)
Job specifications 1 to 3 for a lead upto 100 meters from source of water	12	1 Sq.mtr	35.00 Sq.mtr
For every additional lead of 50 meters, increase this rate by 20%			

III. COLLECTION AND SIEVING OF FOREST SOIL FOR FILLING POLYTHENE BAGS TO RAISE EUCALYPTUS TRANSPLANTS

(a) Conditions

1. Soil to be collected at or near the site where the transplant nursery is to be formed.
2. Topsoil with humus to a depth of not more than 15 cms is to be collected and sieved.
3. Soil must be fertile and loamy, free from stones and boulders, but may contain pebbles or gravel and roots of the previous growth of shrubs and weeds.
4. Soil surface may have a light weed growth, but free from shrubs and woody weeds.
5. Soil may be dry or moist but not wet.

(b) Job Specifications

1. Scrape the site from where the soil is to be collected with a mammatty and remove weeds, small stumps and other muck.
2. Dig to a depth of about 15 cms and heap the soil.
3. Remove roots etc. from the heaped soil.
4. Erect a sieve.
5. Throw soil to the sieve in small quantities.
6. Work up soil all over the sieve.
7. Remove muck, gravel etc. from the sieve.
8. Repeat sieving.
9. Remove sieved soils, measure and heap.

(c) Tools and Equipments

1. Mammatty, 2. Sieve 3. Measuring vessel.

(d) Worker

Male (Unskilled)

(e) Standard time

Items	Standard time (Minutes)	Unit	Outout per day per worker (360 minutes)
1 to 9 of the Job Specifications	41	0.06 Cum ie, for filling 100 Polythene bags of 12 x 18 cms dimensions(lay flat)	0.61 Cum ie, for filling Polythene bags of 12 x 18 cms. 1000Nos.

IV FILLING POLYTHENE BAGS WITH FINE SOIL MANUALLY, FOR TRANSPLANTING EUCALYPTUS SEEDLINGS

(a) Conditions

1. The soil must be dry or moist but not wet
2. The soil must be free from gravel, pebbles, roots, etc., preferably sieved through a mesh
3. The soil must be loamy .
4. Polythene bags to be of dimension (lay flat), 12 cm x 18 cm. And 100 gauge thickness.
5. Polythene bags to be filled within a distance of 10 metres of the transplant nursery site.
6. Water available within 50 metres of the transplant nursery site, for watering the bags before transplanting.

(b) Job Specification:

1. Rub firmly, the open (but folded) end of the polythene bag with both palms of the worker. The bag will get crumpled by this rubbing.
2. Open the bag from this crumpled end and make it ready for filling with soil.
3. Fill the open polythene bag with soil to the top and leave aside.
4. After about 100 bags have been filled transport the filled bags to the transplant nursery and stack them closely as a bed with 1 metre width.
5. After stacking about 250 bags in the nursery liberally water the bags with a fine rose, till the entire soil within the bags gets wet.
6. Fill with more soil and top up those bags in which the soil has subsided as a result of watering.

(c) Tools and equipment:

A rosecan and a basket.

(d) Worker

Male, Female or Adolescent (unskilled).

(f) Standard time

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 to 6 of job specification	150	100 bags	Output per day per worker (420 minutes)

V. PULLING OUT EUCALYPTUS SEEDLINGS FROM SEED BED NURSERY AND TRANSPLANTING INTO POLYTHENE BAGS.

(a) Conditions

1. Transplanting done inside the transplant nursery into polythene bags of dimension 12 cm x 18c.ms. (lay of flat) filled with soil and stacked into beds of 1m width on a flat surface.
2. The soil inside the bags wet and free from air pockets.
3. The seedbed nursery wet at the time of pulling out seedlings.
4. An average lead 500 meters between seed bed nursery and transplant nursery.
5. Transplant with a shoot height of about 15 cm

(b) Job Specification

1. Count and pull out one batch of about 300 good seedling from the seed bed nursery, and proceed to the transplant nursery site.
2. With a dibble stick, make a hole in the centre of the container (Polythene bag filled with soil) just deep enough to accommodate without damages to the roots of the seedling to be transplanted.

3. Place the roots of the seedling into the planting hole and compact soil around the roots with the fingers, keeping the container in site in the bed.
4. When one batch of seedling collected from the seedbed is exhausted, fetch fresh supplied from the seedbed.

(c) Tools and equipment

One dibble stick.

(d) Worker

Male, Female or Adolescent (Unskilled).

(e) Standard times

Item	Standard time (Minutes)	Unit	Output per day per worker (420 minutes)
Item 1 and 4 of job specification	13	100 seedlings	933
Item 2 and 3 of job specification	32		seedlings

VI. DIGGING PLANTING PITS IN ORDINARY MOIST FOREST SOIL.

(a) Conditions

The standard time given below applies to

1. Cleared and slash burnt forest areas, free from all woody growth, but light non-woody weed growth or taungya crop may be present.
2. Soil clayey or sandy loam with roots of previous vegetation in the area, gravel etc., but with no boulders.
3. Soil, not compacted or consolidated but fairly loose.
4. Soil, moist but not wet.
5. Terrain, undulating with slopes, not exceeding 30
6. Spacing of pits, 2 ½ m. X 2 ½ m
7. Dimensions of pit 25 cm. X 25 cm.

(b) Job specifications

1. Walk to pit site, remove stake and other obstacles like weeds, muck etc.
2. Dig a pit of dimensions, not less than 25 cm. X 25 cm. X 25 cms.
3. Measure and check dimensions of pits as and when necessary.

(a) Tools and Equipment.

- (1) Mammatty (2) Measuring stick (3) 25 m. long.

(b) Worker

Male (unskilled)

(c) Standard time

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 and 3 of job specification	223	100 pits	188 pits

VII. DIGGING PLANTING PITS AND BOULDERY MOIST FOREST SOIL.

(a) Conditions

Standard time given below applies to:-

1. Cleared and slash burnt forest areas, free from all woody growth, but light non-woody weed growth or taungya crops may be present.
2. Soil with boulders and without crops of sheet rock, roots etc. but loamy and loose.
3. At least two boulders of dimensions 10 cm. X 10 cm. X 10 cm. in every pit of dimension 25 cm. X 25 cm.
4. Soil moist but not wet.
5. Terrain undulating with slopes up to 45°
6. Spacing of pits 2 ½ m X 2 ½ m. but may be changed to avoid sheet rock and large boulders.
7. Dimensions of pits 25 cm. X 25 cm. X25 cm.

Note: Area of the above type are in the plantation sites and such areas may be left out for planting as far as possible.

(b) Job specifications

1. Walk to pit site remove stake and other obstacles like weeds, boulders, taungya crops etc.
2. Dig a pit of dimensions 25 cm. X 25 cm. X 25 cm.
3. Measure and check dimensions of pits as and when necessary.

(c) Tools and equipment

- (1) Mammatty, (2) Pick-axe, (3) Measuring stick.

(d) Worker

Male (unskilled)

(e) Standard time

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 and 3 of job specification	272	100 pits	154 pits

VIII. TRANSPORT OF EUCALYPTUS SEEDLINGS RAISED IN POLYTHENE BAGS FROM NURSER TO PLANTING SITE AND DISTRIBUTION OF ONE SEEDLING/PIT FOR PLANTING.

(a) Conditions

- (1) Eucalyptus seedling of about 30 cms. in height raised in Polythene bags of 'lay flat' dimension 12 cms. 18 cms.
- (2) Seedlings stacked in baskets and transported as head-loads about 22 seedlings /head load.
- (3) Planting pits dug out at a spacing of 2 ½ m x 2 ½ ms
- (4) Terrain undulating but slope not exceeding 30°.
- (5) Lead out exceeding 500 meters.

(b) Job Specifications

1. Carefully arrange and stack about 22 seedling in a basket.
2. Lift the basket with seedlings on to head and walk to planting site.
3. Unload the basket carefully and distribute the seedling without any damage, one each to a pit for planting.

(c) Tools and Equipment

A basket for carrying the seedlings.

(f) Worker

Male, Female, or Adolescent (Unskilled).

(g) Standard time

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 and 3 of job specification	49	100 seedlings over a lead of 500 metres.	857 seedlings over a lead of 500 metres

Note: For each extra lead of 50 metres increase the above rate of 20%.

IX. COVERING PLANTING PITS AND DIGGING PLANTING HOLE FOR PLANTING EUCALYPTUS SPECIES.

(a) Conditions

The standard time given below applies to:-

1. Cleared and slash burnt forest area free from all woody growth but, light non-woody weeds or taungya crop may be present.
2. Soil clayey or sandy loam, with roots of previous vegetation in the area, gravel etc. but with no boulders or stones.
3. Soil not compacted or consolidated but fairly loose.
4. Soil moist but not wet.
5. Terrain undulating with slopes not exceeding 30°.
6. Spacing of pits 2 ½m. x 2 ½m

(b) Job specifications

1. Walk to pit, remove weeds, muck etc., from the soil surface to a diameter of about 75 cm.

2. Scrape top soil from this cleared area and fill the pit to form a mound of about 30 cms. Diameter over the pit.
3. Make a planting hole of dimensions of about 20cms. depth and 15 cms. width.

(c) Tools and equipments.

1. Mammatty
2. Bill Hook

(d) Worker

Male (unskilled)

(e) Standard time.

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Items 1 to 3 job specification	173	100 pits	243 pits

X. PLANTING EUCALYPTUS SEEDLINGS RAISED IN POLYTHENE BAGS IN PITS COVERED WITH TOPSOIL.

(a) Conditions.

Standard time given below, applies to : -

1. Cleared and slash burnt forest area without woody growth but with taungya crops or light weed growth.
2. Soil in the pit moist or wet and loose.
3. Terrain undulating with slopes not exceeding 30°.
4. Spacing of pits 2 ½ m x 2 ½ m.
5. Seedlings of about 30 cms. in height raised in polythene bags of measurement 12 cm. x 18 cm (lay flat) thickness 100 gauge.

(b) Job specification

- (1) Walk to pit site and lift the bagged seedlings
- (2) With the help of a safety razor blade slit open and gently remove the polythene bag without disbursing the ball of earth within.
- (3) Place the seedlings with the ball of earth into the planting hole, fill in earth all round and compact the soil around the seedlings
- (4) The whole operation should be done with great care and attention.

(c) Tool and equipments

1. A bagged seedling to be carried always by the worker to be used in the place of defective seedlings delivered at the pit site or in pits not supplied with seedlings by omission.
2. A safety razor blade.

(d) Worker

Male, Female or Adolescent (Unskilled)

(e) Standard time.

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 to 4 of job specification	99	100 seedlings	424 seedlings

C. ESTABLISHMENT OF TEAK PLANTATION

I. FORMATION OF NURSERY BED FOR TEAK

(a) Conditions

1. Terrain level to gently sloping.

2. Surface of soil slash burnt and cleared and free from woody growth but light under - growth may be present.
3. Soil with stumps and roots of the previous vegetation in the area.
4. Soil moist, clayey, or sandy loam without gravel, boulders or stones.
5. Tree stumps not to be uprooted in this job.
6. Required number of suitable bamboos delivered at the site for making bamboo thatties to be provided along the sides of the beds (for one bed, about 30 metre running length of bamboos not less than 10 cm dia metre will be required.
7. Required number of wooden pegs at the rate of 60 Nos. per bed of standard size delivered at site for fixing the bamboo thatties on the sides of the beds.
8. Nursery bed of standard dimensions (viz. 12.19 M x 1.219 M x 30 Cms, ie 40' x 4' x 1')

(b) Job specifications

1. Arrange one piece of bamboo (about 6 metres in length) on a level ground.
2. With sharp billhook, from one end of the bamboo to the other, give heavy blows along each side and all around the node at a spacing of about 1-2 cm. to produce splits along the nodes of the bamboos.
3. After all the nodes in the bamboo piece have been given splitting blows as above , start from the butt end of the bamboo and make a long splitting cut lengthwise throughout the length of the bamboos and split open.
4. If necessary further splitting cuts may be made from the inside of the bamboo along the portions of the nodes and the septa so that the bamboo will remain split open conveniently.
5. Lift and stack the split open bamboo with a weight on top to maintain the flatness of the split open bamboo viz., Bamboo thatty.
6. Scrape with a Mammaty and remove all muck and stumps of weeds and shrubs from the sites.
7. Set out with a measuring tape, required area for the nursery beds.
8. Dig the demarcated area to a depth of 45cms.all along
9. Remove roots muck gravel etc. from the worked up soil.
10. Set out and demarcate each of the nursery beds of 12.19 X 1.219 meters dimensions with a space of 40 cms, in between beds.

11. Dig a trench of about 20 cms. wide and 30 cms, depth all around the demarcated beds and spread the soil collected from the trench on the top of the nursery beds.
12. Arrange the bamboo thatties (about 30 c.ms. width) all around the sides of the bed and spread the soil collected from the trench on the top of the nursery beds.
13. Spread and gently compact and level the soil on top of the nursery bed up to the edge of the bamboo thatties.
14. Measure and check the dimension of the finished nursery beds and make changes if necessary to the standard dimension.

(c) Tools

1. Measuring tape
2. Mammatty.
3. Bill hook
4. First aid kit.
5. Axe.

(d) Worker

Male-unskilled-Team work is usual and desirable. (Work to be closely supervised by Departmental staff).

(e) Standard time

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 to 14 of job Instruction	82	Sq. metre.	5.12 Sq. metre

II. SOWING SEEDS OF TEAK IN NURSERY BEDS

(a) Conditions

Nursery beds of standard size fully formed.

(b) Job instructions

1. Loosen the top soil with mammatty
2. Remove roots, muck pebbles etc. by hand.
3. Level top soil with wooden levelling plank or other suitable instrument.
4. Measure and fetch the required seeds (at the rate of about 5 Kgs. Per standard bed)
5. Spread a thin layer of fine soil collected from the side trenches on the top of the seeds.
6. Gently compact the top layer of soil and seeds below, with hands or a wooden plank.
7. Gently compact the top layer of soil and seeds below, with hands or a wooden plank.
8. Cut and fetch twigs of Eupatorium or other locally available weeds and spread on top of the bed.

(c) Tools

1. Mammatty
2. Calibrated measuring vessel to measure seeds
3. Bill hook

(d) Worker

Male –unskilled adult

(e) Standard time

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 to 8 of job Instruction	14.5	Sq. metre.	29 Sq. metre

III. ALIGNING AND STAKING (2 M X 2 M)

(a) Conditions

1. Site-level to steep slopes.

2. Surface of soil –slash burnt and free from heavy weed growth but light weed growth may be present.
3. Soil-loamy with occasional bouldery areas
4. Stakes delivered at site.

(b) Job instructions

1. Two teams consisting of two adults and four adolescent male workers in each team are required to execute the work satisfactory.
2. Align with the help of an alignment wire of about 21 metres in length, tied to two bamboo poles on either ends and graduates it two metre intervals (total 10 intervals) as main base line.
3. Fix stakes at two metres intervals all along the graduated points.
4. From the base line, align and demarcate square blocks of 20 metre X 20 metres, contiguous to each other by means of the two teams working together and using the two alignment wires. After sufficient number of blocks have been demarcated, fill in stakes inside each block by holding the wire at appropriate points and fixing the stakes at the graduated positions. In this case the two teams can work separately.
5. On sloping grounds care may be taken to hold the wire as horizontal as possible.
6. The deployment of the team members are as follows:-

Two adult workers to align and hold the alignment wire in the appropriate position, one adolescent to deliver the stakes from the heap to the work spots, one adolescent to distribute the stakes at the graduated points and two adolescents to fix the stakes.

(c) Tools

1. Aligning wire, (2) Wooden hammers, (4 Nos) to fix stake, (3) Bill hook.

(d) Worker

Four skilled adults male workers and 8 unskilled adults.

(e) Standard time

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 to 6 of job Instruction	516	Hectares.	1.62 Hectares

IV. PULLING OUT TEAK SEEDLINGS (TWO-YEAR OLD) AND PREPARATION OF STUMPS.

(a) Condition

1. Seedlings up to 75 cm. height and with collar diameter from about 1 cm, to 2 cm,
2. Soil-slightly moist but not wet.
3. Seedlings about two year old.

(b) Job Specification

1. Pull out seedlings one by one by hand and keep aside. A piece of gunny cloth may be used to serve the purpose of gloves when the seedlings are pulled out as practiced in Nilambur area (if necessary) soil may be worked up by pick-axe before pulling out the seedlings.
2. After about 500 seedlings have been pulled out (for about two hours) collect and count the seedlings out of the excess shoot portions, if necessary bundle them and transport to the place where stumps have to be prepared.
3. Select seedlings of good quality judged by general appearance having collar dia. between 1 cm. and 2 cm.
4. With a sharp knife prune the roots and shoot portions (20 cms and 2.45 cms respectively) Care must be taken to prune off the shoot portion by two or three slanting cuts to give a conical cut end. Seedlings should not be pruned by butcher cuts
5. Trim off the side roots of the stump and stack.

(c) **Tools**

1. Piece of gunny cloth
2. Sharp knife.
3. Pick-axe

(d) **Worker**

Male or Female adult worker.

(e) **Standard time**

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 to 5 of job Instruction	111	100 stumps.	378 stumps

V. **PULLING OUT OF TEAK SEEDLINGS (ONE YEAR OLD) AND PREPARATION OF STUMPS**

a. **Condition**

1. Seedlings up to 75cm. height land with collar diameter from about 1 cm. to 2 cm.
2. Soil Moist but not wet Watering done at 30 l/sq.m ie, 450, 1/bed, if necessary to produce moist conditions in the bed.
3. Seedlings about one year old.

b. **Job specifications**

1. Pull out seedling one by one by hand and keep aside. A piece of gunny cloth may be used to serve the purpose of gloves when the seedlings are pulled out as practiced in Nilambur areas.
2. After about 500 seedlings have been pulled out (For about 1.75 hrs) collect and count the seedlings, out of the excess shoot portions, if necessary, bundle them and transport to the place where stumps have to be prepared.
3. Select seedlings of good quality judged by general appearance and having collar dia. between 1 cm. and 2 cm.

4. With a sharp knife prune the roots and shoot portions (20 cm. and 2.5 cm. respectively). Care must be taken to prune of the shoot portion by two or three slanting cuts to give conical end.
5. Trim off the side roots of the stump and stack.

c. Tools

1. Piece of gunny cloth.
2. Sharp knife.

d. Worker

Male adult worker.

e. Standard time

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 to 5 of job Instruction	86	100	488

VI. WATERING ONE YEAR OLD TEAK NURSERY DURING DRY WEATHER TO FACILITATE PULLING OUT TEAK SEEDLINGS.

(a) Condition

Natural source of water available within 100 meters away from nursery.

(b) Job Specifications (general directions)

1. Bring water in suitable vessels (e.g., empty kerosene oil tins) from source to nursery site.
2. Apply water directly from the vessel into the nursery bed @about 30 liters sq. metre.

(c) Tools and equipment

Vessels for carrying water.

(d) Worker

Adult-male-unskilled

Care
e.v.d.

(c) Tools

1. Crow bar of length not less than 1.5 metres.
2. A bag or small sack to carry stumps.

(d) Worker

Adult – male unskilled worker.

(e) Standard time

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 to 6 of job Instructions	102	100	411

(d) Standard Time

Item	Standard time (minutes)	Unit	Output per day per worker (420 minutes)
Item 1 to 2 of job Instructions	11	Sq.m	38 Sq.m (ie, 2 ½ standard beds/day/worker)

VII. PLANNING OF TEAK

(a) Conditions

1. Site-level to steep slopes.
2. Surface to soil slash burnt and free from woody we light weed growth may be present.
3. Soil dry or slightly moist and not loose.
4. Soil of sandy or clayey loam.
5. Required quantities of stumps are delivered at the planting.
6. About 100 to 150 stumps are carried by the planter with him.
7. Spacing 2 m x 2 m and the planting are aligned and

(b) Job instructions

1. Remote stake.
2. Dig with crow bar a hole of about 12cms.depth at the point.
3. Takes one stump from the bag and place it inside the point.
4. Drive the crowbar near the planting pit to a depth 12cms. and moving it forward and backward with formation, compact the soil firmly around the plantation.
5. Refix in a slanting position, the stake near the plant check whether stump is firmly planted occasionally.
6. Move to next stake

Note:- are must be taken to compact the soil along the entire stump and not at the collar portion alone.

ANNEXURE

Government Orders referred in the Schedule of Rates

1. G.O.(Rt) No.1081/88 LBR dated 18.6.1988
2. G.O. (MS) No. 49/99/F&WLD dated 21.5.1999
3. G.O.(Rt) No.1931/63/Agri dated 8.7.1963
4. Notification No.7899/E1/73/NBR dated 1.4.1974
5. G.O.(MS) No. 393/80/AD dated 17.10.1980
6. G.O.(MS).No.240/78/AD dated 6.9.1978
7. G.O.(Rt) No.48/80/AD dated 8.1.1980
8. G.O. (MS) No.184/79/AD dated 28.4.1979
9. Circular No.40/79 dated 15.6.1979
10. G.O.(Rt).No.193/78/AD dated 25.1.1978
11. G.O.(Rt) No.2431/65 Agri dated 25.11.1967
12. G.O.(Rt)No.1105/82 AD dated 20.4.1982
13. G.O.(Rt) No.2752/80/AD dated 4.10.1980
14. G.O.(MS) No. 7/07/F&WLD dated 24.02.2007
15. G.O (MS) No.33/81 AD dated 6.2.1981
16. G.O.(Rt) 2965/66 Agri dated 26.12.1966
17. G.O.(Rt) No.1590/81/Forest dated 24.12.1981
18. G.O.(Rt) No. 614/79 AD dated 5.3.1979
19. G.O.(MS) 113/86 /F & WLD dated 19.12.1986
20. G.O.(Rt) No.2509/80/AD dated 16.8.1980
21. G.O.(Rt) No. 2329/80/AD dated 16.8.1980
22. Circular No.50/76 of CCF
23. Letter No.P3- 48876/80 dated 13.8.1981 of CCF
24. G.O. (Rt) No.1479/81/ Forest dated 4.11.1981
25. Circular No.29/84 dated 1.8.1984 of CCF
26. Letter No.P3-30616/87 dated 1.12.1987 of CCF (D)
27. G.O. (Rt) No.1467/81/ Forest dated 31.10.1981
28. G.O (MS) No.361/84 dated 11.12.1984
29. G.O. (Rt) No.2556/69 AD dated 19.10.1969
30. G.O. (Rt) No.2978/82/AD dated 17.11.1982
31. G.O. (MS) No.10/93/Forest dated 12.2.1993.
32. Summary of Orders

ANNEXURE -1

GOVERNMENT OF KERALA

Labour and Rehabilitation (E) Department

NOTIFICATION

G. O. RT. No. 1081/88/LBR

Dated: Trivandrum, 18th June, 1988

S. R. O. No. 736/88.- In exercise of the powers conferred by clause (a) of sub-section (1) of section 3 of the Minimum Wages Act, 1948 (Central Act 11 of 1948), read with sub-section (2) of section 5 thereof, the Government of Kerala having considered the advice of the Committee appointed under clause (a) of sub-section (1) of section 5 of the said Act, and after having considered the advice of the Minimum Wages Advisory Board constituted under section 7 of the said Act, hereby fix the minimum rates of wages payable to the classes of employees employed in the employment in Forests in the State as specified in the schedule hereto annexed and fix the first day of July, 1988 as the date on which the rates shall come into force.

SCHEDULE

A. Basic Wages

(1) TIME - RATED WORKING CATEGORY.

Minimum Time Rates for 8 hours work

	Ordinary Area Rs.	Difficult Area Rs.	Very difficult Area Rs.
I. <i>Skilled Workers</i>			
1. Timber Stacking	16.00	20.00	24.00
2. Honey Collection			
3. Workers engaged in Vacca making			
4. Wood Cutter			
II. <i>Unskilled workers</i>			
1. Workers engaged in collection of minor products except honey	10.00	12.50	15.00
2. Workers engaged in taungya cultivation			
III. <i>Piece Rated Working (Minimum Piece-Rates)</i>			
I. For Axemen (desapping of timber - Hard Wood or Soft Wood)			

Volume of Logs	Rate per cubic metre		
	Ordinary Area Rs.	Difficult Area Rs.	Very Difficult Area Rs.
1. ½ Cubic metre and below	50.00	56.25	62.50
2. Above ½ cubic metre	25.00	28.15	31.25

Dearness Allowances

In addition to the basic wages mentioned above, the daily rated workers shall be paid dearness allowance at the rate of 6 Ps. For every increase of one full point above 100 points, in the new series of consumer price index numbers published for each District Headquarters in Kerala.

The monthly minimum time-rates of wages of all monthly time-rates workers shall be total of the daily rates of wages of the corresponding categories of workers of the respective areas multiplied by 30.

Guaranteed Time-rates/Fall back wages for piece rated workers.

50% of basic wages + full Dearness Allowances.

General:

1. In case the employees any where are actually in receipt of higher wages, than the Minimum Wages fixed, they shall continue to get the benefit of such higher wages.
2. For purpose of this notification, the ordinary, difficult, and very difficult areas of the State shall be those mentioned in the annexure to this notification.

By order of the Governor,

C. P. NAIR,

Commissioner and Secretary to Government.

Explanatory Note

(This does not form part of the Notification. but is intended to indicate its general purport.)

Government constituted a Minimum Wages Committee for revision of Minimum Wages for the employees employed in the employment in Forests in the State. The Committee recommended wage rates for certain new categories which are not in the existing Minimum Wages Notification. Government have taken decisions on the various recommendations with due regard to all relevant matters. A Notification is to be issued for giving effect to the Government decisions on the matter.

This notification is intended to achieve the above object.

GOVERNMENT OF KERALA

Labour and Rehabilitation (E) Department

NOTIFICATION

G. O. RT. No. 1081/88/LBR

Dated: Trivandrum, 18th June, 1988

S. R. O. No. 737/88.- In exercise of the powers conferred by clause (b) of sub-section (1) of section 3 of the Minimum Wages Act, 1948 (Central Act 11 of 1948), read with sub-section (2) of section 5 thereof, the Government of Kerala having considered the advice of the Committee appointed under clause (a) of sub-section (1) of section 5 of the said Act, and after having considered the advice of the Minimum Wages Advisory Board constituted under section 7 of the said Act, and in supersession of Notification No. 7899/E1/73/LBR dated 1st April, 1974 published in Kerala Gazette Extraordinary No. 850 dated 1st April, 1974 hereby revise the Minimum rates of wages payable to the classes of employees employed in the employment in Forests in the State as specified in the schedule hereto annexed and fix the first day of July, 1988 as the date on which the rates shall come into force.

SCHEDULE

A. Basic Wages

(1) *Time – rated working category.*

Minimum Time Rates for 8 hours work

Ordinary Area Rs.	Difficult Area Rs.	Very difficult Area Rs.
-------------------------	--------------------------	-------------------------------

Highly skilled

- | | | | | | |
|--|-------|--|-------|-------|-------|
| <ol style="list-style-type: none"> 1. Mahouts 2. Workers engaged in <u>timber loading and unloading</u> 3. Axeman | } | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">20.00</td> <td style="width: 33%; text-align: center;">25.00</td> <td style="width: 33%; text-align: center;">30.00</td> </tr> </table> | 20.00 | 25.00 | 30.00 |
| 20.00 | 25.00 | 30.00 | | | |

Skilled workers

- | | | | | | |
|---|-------|--|-------|-------|-------|
| <ol style="list-style-type: none"> 1. Sawyers 2. Masons 3. Carpenters 4. Workers engaged in river transport of timber 5. Workers engaged in rock-breaking 6. Agents/Supervisors/Maistries 7. Accountants, Clerks, Typists and draftsmen employed for work by contractors inside and or in connection with forests. 8. Assistant to Mahouts. | } | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">16.00</td> <td style="width: 33%; text-align: center;">20.00</td> <td style="width: 33%; text-align: center;">24.00</td> </tr> </table> | 16.00 | 20.00 | 24.00 |
| 16.00 | 20.00 | 24.00 | | | |

Semi Skilled Workers

- | | | | | | |
|---|-------|--|-------|-------|-------|
| <ol style="list-style-type: none"> 1. Workers engaged in collection of bamboos, reeds and rattan. 2. Workers engaged in charcoal burning 3. Workers engaged in tying of drag-rope 4. Workers engaged in loading and unloading of firewood. 5. Workers engaged in chistle numbering 6. Workers engaged in raft making. | } | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">12.00</td> <td style="width: 33%; text-align: center;">15.00</td> <td style="width: 33%; text-align: center;">18.00</td> </tr> </table> | 12.00 | 15.00 | 18.00 |
| 12.00 | 15.00 | 18.00 | | | |

Unskilled Workers

1. Forest Nursery and Plantation workers including Mazdoor Watchers	}	10.00	12.50	15.00
2. Workers engaged in head loading of firewood				
3. Workers engaged in boundary clearing and fire protection work				
4. Workers engaged in earth work (pit-making etc.)				
5. Workers engaged in rock making (except rock breaking)				
6. Workers engaged in marking of trees.				
7. Peons, Watchers and Sweepers employed for work by contractors inside and/or in connection with forests.				

- Note: -
- (a) Wherever woman or adolescents are engaged for doing any items of work they shall be paid the Minimum Wages fixed for those categories.
 - (b) Wherever monthly wages are paid, such monthly wages shall be calculated by multiplying the daily wages at the respective categories by 30 (thirty).

- II. Piece-rated working (Minimum Piece-rates)
 I. For Axemen
 (a) Felling and preparation of 'hardwood'.

Volume of logs	Rate per cubic metre		
	Ordinary Area Rs.	Difficult Area Rs.	Very Difficult Area Rs.
(a) Logs not to be debarked	20.00	22.50	25.00
1. ½ cubic metre and below	10.00	11.25	12.50
2. Above ½ cubic metre			
(b) Logs to be debarked	26.70	30.00	33.40
1. ½ cubic metre and below	13.35	15.00	16.70
2. Above ½ cubic metre			

(b) For Axemen (felling and preparation of softwood)

Volume of logs (per cubic metre)	Ordinary Area	Difficult Area	Very Difficult Area
(a) Logs not to be debarked	15.00	16.90	18.75
1. ½ cubic metre and below	7.50	8.40	9.40
2. Above ½ cubic metre			
(b) Logs to be debarked	20.00	22.50	25.00
1. ½ cubic metre and below	10.00	11.25	12.50
2. Above ½ cubic metre			

- II. For timber loading workers
- | | |
|------------------------|-----------------------|
| | Rate per cubic metres |
| | Rs. |
| 1. Ordinary area | 20.00 |
| 2. Difficult area | 22.50 |
| 3. Very difficult area | 25.00 |

FOREST NURSERY AND PLANTATION WORKERS

Sl. No.	Items of work	Unit	Minimum Piece Rates			Remarks
			Ordinary Area	Difficult Area	Very Difficult Area	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
			Rs.	Rs.	Rs.	
(a)	Formation of Nursery bed for Teak excluding collection of bamboos.	Square metre	1.88	2.12	2.35	
(b)	Sowing Teak seeds in Nursery Beds	"	0.30	0.34	0.38	
(c)	Alinging and Staking (2m x 2m)	One Hectare	117.27	131.93	146.59	
(d)	Pulling out Teak seedling (one year old) and preparation of stumps	100 stumps	2.00	2.25	2.50	
(e)	Pulling out Teak seedling (Two year old) and preparation of stumps	"	2.02	2.27	2.53	
(f)	Planting of Teak	"	2.01	2.26	2.51	
(g)	Preparation of seedbed nursery of Eucalyptus	Square metre	1.85	2.08	2.31	
(h)	Watering Eucalyptus nursery at the rate of 30 litre per Sq. metre	"	0.32	0.36	0.40	
(i)	Collection of sieving of Forest soil for filling polythene bags	per cubic metre of soil or per 100 polythene bags	1.00	1.13	1.25	
(j)	Filling polythene bags 12 x 18 cm x 100 guage thickness and watering to facilitate planting	100 polythene bags	3.57	4.02	4.46	See Annex. 23
(k)	Pulling out Eucalyptus seedlings from nursery bed and transplanting into polythene bags	100 seedlings	1.06	1.19	1.33	
(l)	Digging planting pits in ordinary forest soil after rains-pits of 25 x 25 x 25 cm at a spacing of 2 ½ metre 2 ½ metre	100 pits	5.31	5.97	6.64	See note below
(m)	Digging pits of dimension 30 x 30 x 30 cm after rain	100 pits	14.50	16.31	18.12	"
(n)	Digging pits of dimension 25 x 25 x 25 cm during dry weather	"	11.10	12.49	13.88	"

(1)	(2)	(3)	(4)	(5)	(6)	(7)
(o)	Digging pits of dimension 30 x 30 x 30 cm during dry weather	100 pits	28.56	32.13	35.70	„
(p)	Digging pits in bouldery soil of dimension 25 x 25 x 25 cm after rains	„	6.50	7.84	8.13	„
(q)	Digging pits in bouldery soil of dimension 30 x 30 x 30 cm after rains	„	17.85	20.08	22.31	„
(r)	Digging pits in bouldery soil of dimension 25 x 25 x 25 cm during dry weather	„	13.33	15.00	16.68	„
(s)	Digging pits in bouldery soil of dimension 30 x 30 x 30 cm during dry weather	„	35.71	40.17	44.64	„
(t)	Transport of seedling in Polythene bags to planting sites and distribution upto a lead of 50 metres	100 seedlings	1.17	1.32	1.46	See Annex. 36
(u)	Covering planting pits of dimension 25 x 25 x 25 cm and digging planting holes	100 Pits	4.10	4.61	5.13	
(v)	Planting bagged seedlings for both the works under items (u) and (v) above	100 plants „	2.35 6.49	2.64 7.30	2.94 8.11	
(w)	Aligning and staking 2 ½ x 2 ½ metre	One hect.	73.33	82.50	91.66	See Annex. 22

ABSTRACT

Forest & Wildlife Department - Schedule of rates of forestry works revised - orders issued.

FOREST & WILDLIFE (B) DEPARTMENT

G.O.(MS)No.49/99/F&WLD

Dated, Thiruvananthapuram 21.05.1999

- Read :1. G.O.(MS) No.113/86/F&WLD dt.19.12.86
2. G.O.(MS)No.76/93/F&WLD dt.18.11.1993
3. Lr.No.P4.50831/95 dt 29.12.98 of the Prl.Chief Conservator of Forests (D&P)

O R D E R

The wage rates for the skilled and unskilled workers for forestry operations were fixed as per the G.O. first cited. These rates have not been revised all these years except for the revision made in respect of two items of works viz timber dragging by hired elephants and timber transport by lorry as per the G.O. 2nd cited. The Chief Conservator of Forests (D&P) in the letter read as 3rd paper above has reported that as the prevailing rates are much lower than the market rates, it is difficult to get workers for forestry operations, which are mostly done in the interior forests. Further, revision of wage rates is one of the conditions agreed to by Government of Kerala with the World Bank while executing the agreement for the Kerala Forestry Project.

The Chief Conservator of Forests has therefore forwarded detailed proposals for revision of the existing forest schedule rates.

Government have examined the case in detail and are pleased to accept the recommendations of the Chief Conservator of Forests and order the following revised forest schedule rates.

1. The wage rates of all the three categories of workers after considering the merger of the variable DA for December 1997, will be enhanced to the tune of 60% for ordinary mazdoors, 80% for semi skilled mazdoors and 100% for skilled mazdoors including wage rates for loading and unloading charges in the respective categories.
2. The variable DA for the increase in the consumer price index after December 1997 will be paid at the existing 6 paise per index.

3. For difficult areas and very difficult areas as defined in the present Forest Schedule Rates, enhancement of 25% and 50% respectively will be given above the rate arrived as per item No.1 above.
4. For transportation of Timber and Fire Wood by lorry and also for dragging timber by hired elephants, an enhancement of 50% will be given.

By Order of the Governor,

S.RAMAKURUP,
JOINT SECRETARY TO GOVT.

To

The Prl.Chief Conservator of Forests (D&P), Thiruvananthapuram
The Accountant General (Audit/A&E), Thiruvananthapuram
(This G.O. is issued with the concurrence of the Finance Dept)
The Finance Department (vide G.O.17011/AWA.1/99/Fin. dated 7.5.1999)
Stock File/Office Copy.

Forwarded/By Order

Sd/-
Section Officer

Endt.No.P4-50831/95 dated 01..06..1999

Copy communicated to all Conservators of Forests, Divisional Forest Officers, Wildlife Wardens, Wildlife Preservation Officer, Thekkady, Silvicultural Research Officer, Working Plan Officers, Assistant Conservators of Forests and Range Officers (through the respective Divisional Forest Officers). For calculation of the enhanced wage rates as per item No.1 of the G.O., the prevailing wage rates of the Department viz. Rs.10, Rs.12 and Rs.16 for unskilled, semiskilled and skilled labourers respectively, shall be taken in to account. There will not be any separate rate for the category of Highly skilled labourers. The Conservators of Forests shall fix wage rates including those for the Transport of Timber and Firewood and dragging timber using hired elephants (item No. 4 of the G.O.) for each Range/Unit before implementation.

Copy to Confidential Assistant to Principal Chief Conservator of Forests (G)
Copy to Personal Assistant to Principal Chief Conservator of Forests (D&P)
Copy to Confidential Assistant/Personal Assistant to all Chief Conservators of Forests
Copy to Managing Director, KFDC
Copy to Managing Director, RPL
Copy to Managing Director, PCK
Copy to All Branch Officers and Section Heads
Copy to Stock File.

Principal Chief Conservator of Forests(D&P)

ANNEXURE - 3

APPENDIX—IV

(Ref: Para 30)

‘THE SCHEDULE OF RATES FOR FOREST WORKS,
TOGETHER WITH UP-TO-DATE GOVERNMENT
ORDERS AMENDING THE ‘SCHEDULE’.

GOVERNMENT OF KERALA

Abstract

Forests—Schedule of Rates for Forest works—Approved

AGRICULTURE (FOREST) DEPARTMENT

G.O. Rt. No. 1931/63/Agri.

Dated, Trivandrum, 8th July 1963.

Read: — Correspondence ending with letters No. C2-4310/59 dated 28-2-1963 and 27-5-1963 from the Chief Conservator of Forests.

ORDER

The consolidated schedule of rates forwarded by the Chief Conservator of Forests is approved with the correction reported in his letter dated 27-5-1963 against item 13 (c) in the list. The revision of rates requested for is also sanctioned as given below:—

Man Mazdoor	Rs. 2.50 per day
Skilled Mazdoor	3.50 "
Woman Mazdoor	2.00 "
Axeman	3.50 "
Carpenter	4.50 "

2. Modifications of the rates now sanctioned or additions to the list should be reported to Government for approval. The statement under Note III to the list that the Chief Conservator of Forests will have powers to revise the labour rates from time to time according to necessity is therefore deleted.

3. This schedule would be made applicable to the whole State and it would also take effect from 1-4-1961.

4. The Chief Conservator of Forests is requested to arrange for printing the required number of copies of the Schedule. Two copies each of the schedule should be forwarded to the accountant General and to Government in the Finance Department and ten copies to the Administrative Secretariat (Agriculture Department)

By order of the Governor,
K. C. SANKARANARAYANAN,
Secretary to Government.

To
The Chief Conservator of Forests.

Vol. XIX, Trivandrum, Monday, 1st April 1974 (No.350)
11th Chaithra 1896

GOVERNMENT OF KERALA

Labour (E) Department

NOTIFICATION

No.7899/E1/73/LBR Dated, Trivandrum, 1st April, 1974

In exercise of the powers conferred by clause (a) of sub-section (1) of Section 3 of the Minimum Wages Act, 1948 (Central Act 11 of 1948) read with sub-section (2) of Section 5 thereof, the Government of Kerala, having considered the advice of the Committee appointed under clause (a) of sub-section (1) of Section 5 of the said Act, and after having considered the advice of Minimum Wages Advisory Board constituted under section 7 of the said Act, hereby fix the minimum rates of wages payable to the classes of employees employed in the employment in forests in the state as specified in the schedule hereto annexed and fix 1.4.1974 as the date on which the rate shall come into force.

(II) PIECE - RATED WORKING (MINIMUM PIECE - RATES)

(1) For Axemen (felling and Preparation of "hard-wood or soft-wood")

Volume of logs	Rate per cubic metre	
	Ordinary area	Very Difficult area
	Rs. ps.	Rs. ps.

i) Logs not to be debarked:		
ii) 1/2 cubic metre and below	6.00	6.75
iii) Above 1/2 cubic metre	3.00	3.37

ii) Logs to be debarked:		
i) 1/2 cubic metre and below	5.00	10.00
ii) Above 1/2 cubic metre	4.50	5.00

iii) For Timber Loading Workers:

Area	Rate per cubic metre
(i) Ordinary area	4.15
(ii) Difficult area	4.65
(iii) Very difficult area	5.20

III) Forest Nursery and Plantation Workers

Sl. No.	Items of work	Unit	Minimum Piece Rates	
			Ordinary area	Difficult area
			Rs. ps.	Rs. ps.
			(4)	(5)
			(6)	(6)

(a) Formation of Nursery bed for teak excluding collection of bamboos	Sq. Metre	0.94	1.06	1.18
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b) Sowing teak seeds in nursery beds	do	0.16	0.16	0.20
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(c) Aligning and staking (3m x 2m)	One Hect.	43.46	48.69	54.32
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(1) (2) (3) (4) (5) (6)

(1)	(2)	(3)	(4)	(5)	(6)
(d)	Pulling out Teak seedlings (One year-old) and Preparation of stumps	100 Stumps	Rs. ps. 0.98	Rs. ps. 1.10	Rs. ps. 1.2
(e)	Pulling out Teak seedlings (Two year-old) and preparation of stumps	do	1.27	1.45	1.5
(f)	Planting of Teak	do	1.17	1.32	1.4
(g)	Preparation of seedbed nursery for Eucalyptus	Sq Metre	0.41	0.46	0.5
(h)	Watering Eucalyptus nursery at the rate of 30 litres per sq. metre	do	0.14	0.16	0.1
(i)	Collection of sieving of Forest Soil for filling Polythene bags	per cub. Metre of Soil OR per 100 polythene bags	0.48	0.54	0.61
(j)	Filling polythene bags 12 x 18 cm x 100 gauge thickness and watering to facilitate planting	100 polythene bags	1.71	1.92	2.1
(k)	Pulling out Eucalyptus seedlings from nursery bed and transplanting into polythene bags	100 seedlings	0.51	0.57	0.6
(l)	Digging/planting pits ordinary forest soil after rains-pits of 25 x 25x25 cm. at a spacing of 2 1/2 metre x 2 1/2 metre	100 pits	2.55	2.87	3.1
(m)	Digging pits of dimension 30x30x30 cm. after rains	do	6.96	7.83	8.70
(n)	Digging pits of dimension 25 x 25 x 25 cm. during dry weather	do	5.33	6.00	6.67
(o)	Digging pits of dimension 30 x 30 x 30 cm. during dry weather	do	13.71	15.42	17.13
(p)	Digging pits in bouldery soil, of dimension, 25-25-25 cm. after rains	do	3.12	3.51	3.90
(q)	Digging pits in bouldery soil, of dimension, 30 x 30 x 30 cm. after rains	do	8.57	9.64	10.71

A. Basic Wages

SCHEDULE

(I) TIME-RATED WORKING CATEGORY	Minimum Time Rates for 8 hours work		
	Ordinary area Rs. ps.	Difficult area Rs. ps.	Very difficult area Rs. ps.
(I) Skilled Workers (Men)			
(i) Axemen			
(ii) Sawyers			
(iii) Masons			
(iv) Carpenters			
(v) Workers engaged in river transport of timber	8.00	9.00	10.00
(vi) Workers engaged in rock breaking			
(vii) Mahouts			
(viii) Agents/Supervisors/Maistries			
(ix) Accountants, Clerks, Typists, and draftsmen employed for work by contractors inside and/or in connection with forests.			
(I) Semi-skilled Workers (Men)			
(i) Workers engaged in collection of bamboos, reeds and rattan			
(ii) Workers engaged in Charcoal burning			
(iii) Workers engaged in tying of drag-rope	6.50	7.31	8.12
(iv) Workers engaged in loading and unloading of firewood			
(v) Workers engaged in chistle numbering			

(vi) Workers engaged in rate making
(vii) Assistants to Mahouts

Unskilled Workers (Men)

(i) Forest Nursery & Plantation workers including Mazdoor watchers	1		
(ii) Workers engaged in head-loading of firewood	1		
(iii) Workers engaged in boundary clearing and fire protection work	1	4.80	5.40
(iv) Workers engaged in earth work (pit-making etc.)	1		5.00
(v) Workers engaged in road making (except rock breaking)	1		
(vi) Workers engaged in marking of trees	1		
(vii) Peons, watchers and sweepers employed for work by Contractors inside and/or in connection with forests	1		
Unskilled Workers (Women and Adolescents)	1	3.80	4.28
	1		4.75

Note:- (a) Mahouts shall be paid additional wage equivalent to 25% of the minimum wage fixed for skilled workers.

(b) Wherever women or adolescents are engaged for doing skilled or semi-skilled items of work, they shall be paid the minimum wages fixed for the categories.

(c) Wherever monthly wages are paid, such monthly wages shall be calculated by multiplying the daily wages of the respective categories by twenty six.

ANNEXURE

ORDINARY AREAS

Ranges/Sections:

(a) Northern Circle:

1. Kannoth and Nedumyoyil Sections in Kannoth Range
2. Nilambur
3. Nilambur (territorial)
4. Thiruvazhyamkundu Section in Mannarghat Range
5. Mannarghat
6. Perinthalmanna
7. Nembara
8. Dhoni Section in Olavakkot Range

(b) Central Circle:

9. Madakkancherry
10. Patticad
11. Peechi
12. Paryaran

(c) Southern Circle:

13. Konni
14. Anchal
15. Pathanapuram
16. Kulathupuzha
17. Palode
18. Paruthipally

DIFFICULT AREAS

Northern Circle:

1. Kasargode
2. Taliparamba
3. Kuthuparamba
4. Begur

5. Mannantoddy
6. Chedieth
7. Tamarassery
8. Sultan's Battery
9. Kuttialdi
10. Kalpetta
11. Karulai
12. Kalikavu
13. Elival Section in Olavakkot Range

(b) Central Circle:

14. Palapilly
15. Thundathil
16. Kodanad
17. Kothamangalam
18. Marayoor
19. Adimali
20. Kumili
21. Peermade
22. Thekkady
23. Neryamangalam

(c) Southern Circle:

24. Ranny
25. Vadasserikar
26. Naduvathumuzhy
27. Themmala
28. Arienkavu

(d) Industrial Plantations Circle:

29. Kottappara
30. Mulleringad

VERY DIFFICULT AREAS

(a) Northern Circle:

1. Peria Section Kannoth Range
2. Nelliampathy
3. Sungam

(1)	(2)	(3)	(4)	(5)	(6)
			Rs. Ps.	Rs. Ps.	Rs. Ps.
(r) Digging pits in boundary soil, of dimension, 25 x 25 x 25 cm. during dry weather.	100 pits		6. 40	7. 20	8. 00
(s) Digging pits, in boundary soil, of dimension 30 x 30 x 30 cm. during dry weather.	do		17. 14	19. 28	21. 42
(t) Transport of seedlings in polythene bags to planting sites, and distribution upto a load of 500 metres	100 seedlings		0. 56	0. 63	0. 70
(u) Covering planting pits of dimension 25 x 25x25 cm. and digging planting holes. pits	100 pits		1. 97	2. 22	2. 47
(v) Planting bagged seedlings for both the works under items (u) and (v) above	100 plants do		1. 13 3. 12	1. 27 3. 51	1. 41 3. 00
(w) Aligning and staking 2 1/2 x 2 1/2 metre	One Hectare		35. 20	39. 40	44. 00

B. Dearness Allowance

The basic wages (minimum time-rates and minimum piece-rates) mentioned above are equated to 800 points of the Consumer Price Index numbers.

In addition to their basic wages, the daily rated workers shall be eligible to get variable D.A. for every day of work linked to the latest available consumer price index numbers published for Ernakulam Centre by the Bureau of Economics and Statistics of the Government of Kerala at the rate of 2.75 paise for every five full points above 800 points

In addition to their basic wages, the monthly rated workers shall be eligible for monthly D.A. equivalent to the amount arrived at by multiplying the daily D.A. payable to daily rated workers by twenty-six.

C. GENERAL

(1) In case Employees anywhere are actually in receipt of higher wages than the minimum wages fixed they shall continue to get the benefit of such higher wages.

(2) For purposes of this notification, the ordinary, difficult and very difficult areas of the State shall be those mentioned in the annexure to the Notification.

By Order of the Governor,
 U. MAHARAJA RAO,
 Secretary to Government.

4. Parambikulam
5. Silent Valley and Attappadi Section in Mannarghat Range
6. Muttikkulam Section in Olavakkot Range
7. Banasurankotta (This was included vide Notification No. 46236/El/79/IBR dated 24.8.1981)

(b) Central Circle:

7. Vazhachal
8. Sholayar
9. Kalady (Hill)
10. Thodupuzha
11. Devicolam
12. Ayyappan coil
13. Erumeli
14. Nagarampara
15. Pachakanam
16. Kollanavu
17. Pamba

(c) Southern Circle

18. Goodrical
19. Mannarappara
20. Atchencoil
21. Kallar

(d) Industroal Piantation Circle:

22. Vazhachal
23. Perumuzhy
24. Adirappally
25. Pothupara
26. Edamalayvalley

Forest Department - Execution of Departmental Works-revision of rates - Orders issued

AGRICULTURE (FOREST) DEPARTMENT

G.O. (MS) No. 393/80/AD.

Dated, Trivandrum, 17.10.1980

- Read: 1. G.O.(MS) 240/78/AD dated 6.9.1978
 2. G.O. (MS) 184/79/AD dated 28.4.79
 3. D.O. Letter No. P3. 26346/80 dt. 30.7.1980 from Shri.A. Hassankutty, Chief Conservator of Forests.

O R D E R

The schedule of rates for certain items of Forest works have been revised in the Government orders read as first and second paper above. In the D.O. letter read as third paper, the Chief Conservator of Forests has forwarded to Government proposals for revision of schedule of rates for forest works sanctioned in the Government orders read above.

2. Government approve the following rates for (i) Felling and conversion (ii) Elephant dragging (iii) Transportation of timber and firewood and they order accordingly.

i) Felling & Conversion

For axemen the wage rates will be Rs.12/-, Rs. 13.50 and Rs.15/- respectively for ordinary, difficult and very difficult areas. In addition, the variable D.A. from time to time will be added.

ii) Elephant dragging.

In the Government Order read as first paper, the rates for dragging of timber by elephant was fixed at Rs. 16.50 per cum. for an initial lead of 200 M. and for every additional lead of 100 M. an enhancement of 1/3 of the above rate was sanctioned for ordinary areas. In difficult rugged nature of the area, an enhancement of 50% over and above the two rates was also allowed.

50% enhancement of the above rates is sanctioned.

iii) Transportation of timber:

In the Government Order read as first paper above the following rates have been sanctioned for transport of timber in the case of good black topped or macdam roads.

For the first 10 Km.	Rs. 15/- per cum
Next addl. lead upto 15 Km	Rs. 1/- per km/cum.
Beyond 25 km.	Rs. 0.80 per km. per cum

In respect of coupe roads and fair weather roads, an enhancement of 50% of the above rates was sanctioned.

Now the Chief Conservator of Forests has recommended further enhancement of the above rates. Government are pleased to order 45% increase in the rates mentioned above.

iv) Transportation of firewood:

iv) In regard to transport of firewood an enhancement of 25% is sanctioned.

3. Orders revising the rates for other items of forest works will be issued separately.

GOVERNMENT OF KERALA

Abstract

Forest - Revision of Schedule of rates for forest works orders issued.

AGRICULTURE (FOREST) DEPARTMENT

G. O. MS. No. 240/78/AD.

Dated, Trivandrum, 6.9.1978.

Read: Lr. No. P3-715/77. dt. 2.3.1977 and 23.8.1978 from the Chief Conservator of Forests.

ORDER

As per the decision taken in a meeting of the Conservators of Forests held at Trichur on 30.10.1976, a committee was formed to go into the question of preparation of schedule of rates for extraction of timber from Forests to the Depots as well as extraction of residual growth from sale coupes and disposal of the produce to different consuming centres. The Committee after deliberation submitted a detailed report.

2. Based on the report of the Committee the Chief Conservator of Forests has proposed revision of rates on items mentioned below.

A. Supply coupes - extraction of timber to depots.

1. Felling and conversion including removal of sapwood wherever required.
2. Dragging by elephants.
3. Construction of coupe roads.
4. Transporting by trucks.
5. Loading.
6. Unloading.
7. Chisel numbering of logs.
8. Transport of fuelwood.

B. Clearance of residual growth in sale coupes.

C. Collection of poles from Thinnings in Plantations.

D. Working down thondy involved in forest cases to safe places.

3. The proposal of the Chief Conservator of Forests in respect of felling and conservation including removal of sap-wood, dragging by elephants, Transporting, Loading and Unloading are as follows:-

Felling and conversion including removal of sapwood wherever required.

In the minimum wages notification, rates have been worked out and fixed for felling, conversion and for debarking. But for certain species like Rosewood, Anjily and Jack which requires removal of sap-wood no rate has been prescribed under piece work rates for the purpose. Removal of sapwood involves additional labour. After considering the different items of works involved in removal of sap-wood, the committee has proposed that 3 times the rates applicable for hardwood may be given for the work of removal of sap-wood from the species like Rosewood, Anjily and Jack. The Chief Conservator of Forests has recommended this proposal.

Dragging by elephants.

The existing rate of Rs. 100/- per day for elephants for dragging 400 cft. of timber is too low when compared to the daily expenses involved in the maintenance of elephants and dragging. The Committee has recommended that a sum of Rs. 16.50 per cum. may be paid for an initial lead of 200 metres and for every additional lead of 100 metres an enhancement of 1/3 of above rate. In difficult rugged nature of the area an enhancement of 50% over and above the two rates may be paid. The Chief Conservator of Forests has recommended to approve these rates.

Transporting, loading and unloading.

At present approved rates prevalent in Public Works Department which is inclusive of loading and unloading is followed in Forest Department. This rate is found quite unworkable. Taking into account the prevailing lorry charges, the difficult and dangerous nature of the loading and unloading work of the Department and the fact that loading and unloading are done by two different agencies at two different points separate rates have become necessary for loading, transport and unloading.

(a) For Transporting a rate of Rs. 15/- per cum. for the first 10 km, for the next additional lead upto 15 kms Re 1/- per km. per cum and for lead beyond 25 kms Rs. 080 per cum. has been recommended. These rates are applicable only in good black topped, or Macadam Roads. The above rates will not be applicable in roads constructed within the coupe and in Forest areas where the roads are negotiable only during fair weather.

For transport of loaded lorries in coupe roads and fair weather roads, an enhancement of 150% the rates mentioned above has been recommended.

(b) The Committee has recommended the rate of Rs. 8/- per cum. for loading of timber in coupes and Rs. 2/- per cum. for unloading.

The above rates are applicable only in respect of loading of timber from Forest working coupes and unloading in sales Depots. The Chief Conservator of Forests has agreed to these rates.

(c) The Chief Conservator of Forests has also recommended that in the case of loading of timber sold to purchasers from depots, the Conservator of Forests may be given the powers to fix rates of loading prevailing in the area from time to time in consultation with labour unions if such a consultation is warranted, wherever such union exist. The rates so fixed will be applicable for a minimum period of one year for the particular depot.

4. Government accept the above recommendations of the Committee which have been endorsed by the Chief Conservator of Forests and they are pleased to order accordingly.

5. As regards other items recommended by the Chief Conservator of Forests in his letters read above orders will be issued separately.

By order of the Governor,

K. V. Vidhyadharan,
Additional Secretary.

To

1. The Chief Conservator of Forests, Trivandrum.

Forests - Nilambur Division - Karulai Range - Conversion and classification of thinned materials obtained from 1949 Teak Plantation at Podukka from stump site to dumping site during 1977-78 - Data approved.

AGRICULTURE (FOREST) DEPARTMENT

G.O. RT. No. 48/80/AD Dated, Trivandrum, 8.1.1980

Read: Letter No. FU(1) 17468/78 dated 15.5.1978 and 15.2.'79 from the Chief Conservator of Forests.O R D E R

The Chief Conservator of Forests has reported that in the course of thinning older plantations small quantities of timber also will be obtained along with various classes of poles. But there is no separate item in the schedule rate for classification and conversion of timber alone excluding felling work, based on which estimate can be sanctioned. The Chief Conservator of Forests has therefore forwarded data for this item- one for difficult area and another for ordinary area- for the approval of Government.

Government are pleased to approve the data appended.

The action of the Conservator of Forests, Kozhikode in having sanctioned the estimate based on the data in anticipation of Government sanction is also ratified.

By Order of the Governor,

K. RAMASWAMY
Joint Secretary,

To

1. The Chief Conservator of Forests, Trivandrum.
2. The Accountant General, Kerala, Trivandrum (This Order issued with the concurrence of the Finance Dept.)
3. The Finance Department, (Vide U.O. No. 7442/Agri/A1/79/Fin. dated 15.10.1979.

(COPY)

D. Working down thondy involved in forest cases to safe places.

1) If elephant dragging is found absolutely essential, minimum rate for one elephant work will be allowed even if the quantity is less than the quantity for a day's work provided it is economical to Government. The hire charges of an elephant will be Rs. 200/- per day. An elephant will drag 12 cubic metres of timer over a distance of 200 metres in a day.

2) If a transport by lorry is found absolutely essential, minimum rate for one truck load will be allowed even if the quantity is less than a lorry load provided it is economical to Government. One truck load of timber is 6 cubic metre. In the G.O. read above, the rate for the transport of timber in lorry loads has been approved as Rs. 15/- per cubic metre for the first 10 Km. for the next additional lead upto 15 kms. Rs. 1/- per K.M. per cubic metre and for lead beyond 25 K.M. 80 paise per cubic metre per k.m. When the above rates are applied for a truck load of timber, the hire charges will be Rs. 90/- for the first 10 K.Ms., Rs. 90/- for the next additional 15 Kms. and Rs. 4.80 per K.M. for lead beyond 25 K.Ms. These rates will be applicable to this item.

3) Orders in respect of schedule of rates for construction of coupe roads in supply coupes and for maintenance of coupe roads in sale coupes will be issued separately.

By Order of the Governor

K. Ramaswamy,
Joint Secretary.

To

The Chief Conservator of Forests etc.

:::

:::

Encl. on P3-715/77 dated 19.5.1979.

Copy forwarded to: All C.Fs. and D.F.Os. for information and attention.

Sd/-
for Chief Conservator of Forests.

ANNEXURE - 8

GOVERNMENT OF KERALA

Abstract

Forest work - Revision of schedule of rates for forest works - orders issued.

AGRICULTURE (FOREST) DEPARTMENT

G. O. MS. No. 184/79 AD

Dated, Trivandrum, 28.4.1979

Read:- 1. Lr. No. P3-715/77 dated 2.2.1977 from the C. C. F.
2. G. O. MS. No. 240 78/dt. 6.9.1978
3. Lr. No. P3-715/77 dt. 12.1.1979 from the C. C. F.

ORDER

In the letter read as first paper the Chief Conservator of Forests forwarded to Government proposals for the revision of schedule of rates for different items of forest works. In the G. O. read as second paper, the schedule of rates in respect of specified items of forest works have been approved by Government.

2. Government have considered the recommendations of the Chief Conservator of Forests and are pleased to issue the following orders in respect of the schedule of rates for the following items of forest works.

A. Supply coupes - extraction of timber to depots

I. Chisel numbering of logs

Rs. Ps.

- | | |
|--|---------------|
| i) Chisel numbering of logs from supply coupes | 0.20 per cum. |
| ii) Chisel numbering of logs from sale coupes | 0.25 per cum. |

II. Transport of fuelwood in lorries

For the first 10 km.	11.25 per tonne
Next 15 km.	0.75/km/per tonne
Above 25 km.	0.60/km/per tonne

50% enhancement will be allowed for transport of loaded lorries in coupe roads and fair weather roads as in the case of timber.

III. For loading of fuelwood in lorries

Wages of 1¹/₂ mazdoors per tonne of firewood will be allowed

B. Clearance of residual growth in sale coupes

For all items other than chisel numbering of logs the rates application for different items of work in supply coupes will be allowed for similar items in sale coupes as well. In the case of chisel numbering in sale coupes Rs. 0.25 per cum. will be allowed.

C. Collection of poles from thinning in plantations

The following rates will be allowed.

	<u>Existing rates</u>	<u>Revised rates</u>
	Rs. Ps.	Rs. Ps.
I A Class	4.20	5.46
I B Class	4.20	5.04
I C Class	4.20	4.20

22

II A Class	3.15	4.10
II B Class	3.15	3.18
II C Class	3.15	3.15

D. Working down thondy involved in forest cases to safe places

1) If elephant dragging is found absolutely essential, minimum rate for one elephant work will be allowed even if the quantity is less than the quantity for a day's work provided it is economical to Government. The hire charges of an elephant will be Rs. 200/- per day. An elephant will drag 12 cubic metres of timber over a distance of 200 metres in a day.

2) If transport by lorry is found absolutely essential, minimum rate for one truck load will be allowed even if the quantity is less than a lorry load provided it is economical to Government. One truck load of timber is 6 cubic metre. In the G. O. read above, the rate for the transport of timber in lorry loads has been approved as Rs. 15/- per cubic metre for the first 10 kms. for the next additional lead upto 15 kms. Re. 1/- per km. per cubic metre and for lead beyond 25 kms. 80 paise per cubic metre per km. When the above rates are applied for a truck load of timber, the hire charges will be Rs. 90/- for the first 10 km. Rs. 90/- for the next additional 15 kms. and Rs. 4.80 per km. for lead beyond 25 kms. These rates will be applicable to this item.

3) Order in respect of schedule of rates for construction of coupe roads in supply coupes and for maintenance of coupe roads in sale coupes will be issued separately.

By order of the Governor

K. Ramaswamy
Joint Secretary

To
The Chief Conservator of Forests

ANNEXURE - 9

CIRCULAR No. 40/79

- Sub: Estimates for working down timber etc.-Admissibility of variable D.A. - withdrawal of instructions contained in Circular No. 29/79 dated 9.4.79.
- Ref: 1. D.O. No.A4-5445/79 dated 4.5.79 from C.K. Karaunakaran, Conservator of Forests, Northern Circle, Kozhikode.
2. Letter No. MH.6461/79 dated 10.5.79 from the Conservator of Forest, Trichur.
3. Letter No. BI-4564/79 dated 19.5.79 from the Conservator of Forests, Vested Forest Circle, Kozhikode.

-0-

It has been ordered in the office circular No. 29/79 dated 9.4.79 that it may not be admissible to claim variable D.A. for the items of work for which rates are approved under piece rate system in the absence of any data on the quantum of labour involved in such items. The Conservator of Forests in the letters cited have pointed out that variable D.A. is admissible for piece rate system of work for the reasons stated in their reports. After careful consideration of all the issues involved in the matter and in view of the clarification already issued in the matter in this office letter No.P3-36690/74 dated 12.8.1974 and the letter No. P.243/75 dated 15.1.1975 of late Sri. NR. Nair, then conservator of Forests, T.P. Circle, Perumbavoor who was officially associated with the preparation of the Report of Minimum Wages Committee for forest works, it is hereby clarified that variable D.A. is allowable to items of work for which rates are approved under piece rated system. However, this does not apply to the wage rates ordered in G.O. MS.No. 240/78/AD dated 6.9.78 and G.O. MS No. 184/79/AD dated 20.4.79 in respect of loading, unloading and chisel numbering of timber as the number of points of consumer price index to which the basic rates are equated are not specified in the G.O.'s. The instructions issued in circular No. 29/79 dated 9.4.79 are cancelled.

Sd/-

Chief Conservator of Forests.

To

- All the Divisional Forest Officers.
Copy to all the Conservator of Forests for attention.
Copy to P. Section.
Copy to Assistant/Conservator of Forests.
Copy to Superintendent & C2, C3, C4 seats.
Copy to Stock file.

For Chief Conservator of Forests

-/True Copy/-

Abstract

Forests- Chisel numbering softwood logs - rate - approved

AGRICULTURE (FOREST) DEPARTMENT

G.O. RT. NO. 193/78/AD.

Dated, Trivandrum, 25.1.1978.

Read: Letter No. C3 - 65054/75 dated 31.3.1977 from the Chief Conservator of Forests.

ORDER

At present there is no separate approved schedule rate for chisel numbering of softwood logs. The Chief Conservator of Forests has forwarded to Government proposals for fixing the rate for chisel numbering of logs. A rate of Rs. 1.63 for chisel numbering 100 logs has been arrived at by taking the daily wage rate of Rs. 6.50 for a semi skilled mazdoor. But if this rate is adopted, it will have to be revised every time wage rate of semi skilled workers is charged. In order to avoid this, the Chief Conservator of Forests has recommended that the rate for chisel numbering 100 Logs of softwood may be fixed as 1/4 of the rate of daily wage of a semiskilled mazdoor.

2. Government have examined the proposal and are pleased to accept the recommendation of the Chief Conservator of Forests and they order accordingly.

By order of the Governor

K. V. Vidhyadharan
Additional Secretary.

To
The Chief Conservator of Forests, Trivandrum.

GOVERNMENT OF KERALA
Abstract.Forests - Schedule of rate for works - Schedule of rate for
decapping ebony logs - fixed.AGRICULTURE & RURAL DEVELOPMENT DEPARTMENT
(Agriculture - Forest).

G.O. Rt. 2431/65/Agri.

Dated: 25-11-65.

Read:- G.O. Rt. 1921/65/D dated 8-7-1963.

Read again: G.O. Rt. 1682/65/Agri. dated 13-8-1965.

While recommending for sanction to take up the work of extraction and transport of certain ebony logs, the Chief Conservator of Forests had requested to fix schedule of rate for decapping ebony logs, giving the undermentioned data. He had also requested that this item might be include as item 14(f) in the schedule already sanctioned in G.O. Rt. 1931/63/Agri. dated 8-7-63. In the G.O. read as second paper above, it was stated that orders regarding fixing of schedule rate for decapping ebony logs would issue separately.

Government considered the matter in detail and fix the rate for decapping ebony logs as Rs. 35.00 per cubic metre. This item will be included as item No. 14(f) in the schedule of rate sanctioned as per G.O. Rt. 1931/63/Agri. dated 8-7-1963.

Description of work	Labour.	D A T A		Schedule rate	
		Unit.	Rate.	Amount.	Unit.
Decapping ebony logs.	10 axe-men.	1 m ³	3.50 per axe-men	35.00	1 m ³

(By order of the Governor)

Sd/- Asst. Secretary.

To
The Chief Conservator of Forests.

Fndt. on G.O. 227/65 dated 30-11-1965.

Copy to the Conservator of Forests, Development Circle,
Trichur.

Copy to Conservators.

Sd/-
for Chief Conservator of Forests

L. Dir. 21344/65 (A4) dated 30-12-65.

Copy to the Divl. Forest Officers with spare copies.
Copy to all Sections in office.
Copy to Account.
Copy to Senior Superintendent.

M. K. K. K.
for Conservator of Forests,
Kozhikode.

Add./6-1-66.

GOVERNMENT OF KERALA

Abstract

Forests - Works under timber operations - Collection of timber, etc. from thinnings - Data for very difficult area together with the Labour content for ordinary, difficult and very difficult areas - Approved.

AGRICULTURE (FOREST SPECIAL B) DEPARTMENT

G. O. Rt. 1105/82/AD.

Dated, Trivandrum, 20.4.1982

Read: 1. G. O. Rt. No. 48/80/AD dated 8.1.1980
2. Letter No. P3 5457/81 dt. 4.11.'81 from the C. C. F.

ORDER

In the G.O. read above, Government had sanctioned rates for conversion and classification of timber obtainable from thinnings in plantations excluding felling for ordinary and difficult areas. The Chief Conservator of Forests in his letter read above has forwarded data for very difficult area together with the labour content for ordinary, difficult and very difficult areas (on the very same principle approved in Govt. order read as 1st paper above) for approval.

Government have examined the proposal and are pleased to approve the data together with the labour content for ordinary, difficult and very difficult areas as shown in the statement appended.

By order of the Governor

K. L. N. Rao
Special Secretary to Government.

To
The Chief Conservator of Forests.

APPENDIX

Average volume of a tree of 76 cm. to 125 cm.

$$= \frac{0.433 + 1.172}{2}$$

Girth class of average length of 12 M.
Timber available from such a tree.

$$0.803 \times 0.8$$

$$0.642 \text{ cum.}$$

Felling charges of such a tree of this girth class as per item 14(d).

$$\text{Rs. } 15 \text{ } 4 \text{ } 15 = \text{Rs. } 1/-$$

Felling, conversion & classification of such tree of 0.642 cum. as per Govt. Notification No. 7899/E1/LBR dt. 1.4.'74 & G. O. MS. 436/80/AD dt. 13.11.'80.

$$0.642 \times 8.43 = 5.41$$

$$\frac{(11.25 + 5.62)}{2} = 8.43$$

Hence for conversion & classification of such a tree excluding felling

$$\text{Rs. } 5.41 (-) 1.00 = 4.41$$

Conversion & classification of one cum of timber excluding felling and variable D. A. extra.

$$\frac{4.41}{0.642} = \text{Rs. } 6.87/\text{cum.}$$

(Labour content 0.4585 axemen per cum for ordinary, difficult and very difficult area)

The rate for conversion and stacking of firewood will be as follows:

1. S. R. item 14 (d) 2. For felling trees 42" - 100" (122 cm - 245 cm)	One axeman for four trees.
2. Yield obtainable from a tree of 185 cm B. H. of miscellaneous deciduous species as per N. R. Nairs volume table.	Timber = 1.503 cum. Firewood = 1.554 cum.
3. Total cubical contents of the above four trees	1.503 x 4 = 6.012 cum. 1.554 x 4 = 6.216 cum.
4. For felling trees yielding 12.228 cum ie. per cum. in ordinary area	One axeman (vide 1 above) Rs. $\frac{12.00}{12.228}$ = 0.98
For one tonne of 2 cum. firewood.	Rs. 1.96
Per cum. rate in difficult area	Rs. $\frac{13.50}{12.228}$ = Rs. 1.10
ie. for one tonne of 2 cum.	Rs. 2.20
Per cum. rate in very difficult area	Rs. $\frac{15}{12.228}$ = Rs. 1.226
ie. for one tonne of 2 cum.	Rs. 2.45

By compilation of the above details, rate admissible as per S. R. item 16 (a) or 16 (b) are as follows:

	Ordinary area Rs.	Difficult area Rs.	Very difficult area Rs.
1. For felling, billeting & stacking of fuel for one tonne of 2 cum. as per S. R. item 16(a) or 16(b) ie. one axeman x 70.63/81.	10.46	11.77	13.08
2. -do- excluding felling portion of 2 cum. one axeman x 70.63/81 - minus felling charges as per S. R. item 14(d) 2 as 5.67 worked out under item (2) above	8.50	9.87	10.63

Note: The rate recommended above is excluding variable D. A. which is to be paid in addition to the above as sanction from time to time. For the work of conversion and classification of timber obtained from thinnings in plantations 0.4585 axeman is necessary for 1 cum. of timber.

GOVERNMENT OF KERALA

Abstract

Forest - Schedule of rate for Forest works - Timber working cross cutting of logs - Data - approved - Orders issued.

 AGRICULTURE (FOREST) DEPARTMENT

G. O. (Rt) No. 2752/80/AD

Dated, Trivandrum, 4.10.1980

Read: Letter No. P3-5496/79 dated 11.9.79 from the Chief Conservator of Forests.

ORDER

In the letter read above the Chief Conservator of Forests reported to Government that as per the minimum Wages committee report it was proposed to have additional rate for cross cutting of timber by saw. The Conservator of Forests, Kozhikode collected data for this work and sanctioned it in that circle because of the unavoidable nature of this work during the course of timber working.

2. Conservator of Forests, Kozhikode classified the logs into 3 categories (1) logs below 125 cm. in girth (2) logs having girth between 125 cm and 150 cm (3) logs above 150 cm in girth. If the mid girth of these 3 classes are taken as 100 cm, 140 cm, 175 cm etc. then the cross section area of the log with 140 cm mid girth will be about 190% of that of the logs with 100 cm mid girth and the log with 175 cm mid girth will be 140% of the logs with 140 cm mid girth. The Chief Conservator of Forests has recommended to approve the data worked out by the Conservator of Forests, Kozhikode.

3. The Chief Conservator of Forests has requested Government to approve the data prepared by the Conservator of Forests, Kozhikode and also be rarify the action of Conservator of Forests, Kozhikode in having sanctioned it in that circle.

4. Government are pleased to approve the data for cross cutting of logs prepared by the Conservator of Forests, Kozhikode as in the Annexure. The action of the Conservator of Forests, Kozhikode in having sanctioned the above data in the circle is also ratified.

By order of the Governor

Chinnamma Paily,
Under Secretary to Government.

To
The Chief Conservator of Forests, Trivandrum.

Abstract

Forest & Wildlife Department - Forest Scheduled of Rates - Revision of Minimum wages in forest Department - Orders issued.

FOREST & WILDLIFE (B) DEPARTMENT

GO.(MS)No. 7/07/F&WLD

Thiruvananthapura, Dated, 24-02-2007.

- Read: 1. GO.(MS) 49/99/F&WLD dated, 21-5-1999
2. G.O.(MS) 83/99/.F&WLD dated, 27-9-1999.
3. Letter No. P4 - 14868/06 dated, 8-02-07 fore the Cheif Conservator of Forests (Devlopment).

ORDER

The wage rates for the laboures engaged in forestry operations were revised previously during 1999 as per the Government Orders read as 1st and 2nd papers above. The Chief Conservator of Forests (Development) vide letter read above, informed the Government that the revision of wages is long overddue and the prevailing rates have become unworkable, and hence proposed the revision of wage rates. Government have examined the proposal in detail and are pleased to accept that recommmendation and to revise the wage rates for works in Forest Department as per detail given below:-

A - Wages

The wages rates for all 4 categoies of workers engaged in daily wages are revised as shown in Annexure I. A comparitve statement of the existing wage rate and the revised wage rates are also given in annexer I

B - VDA

The V D A will be fixed at 6 (Six) paise per point above 1200 points of consumer price index number published for each District Head Quarters in Kerala.

C - Classification of workers

The dtails of various workers proposed under each category above are given in Annexure -II

D - Dragging , stacking and transporting timber

The rates for dragging logs by hired elephants, stacking, of timber using hired elephants and transport of timber and firewood in lorries had been approved through GO (MS)

No. 76/93/F&WLD dated 18/11/1993. The rates fixed in this Government Order were enhanced by 50% as per the Government Order read as 1st paper above and not increased since then. The Chief Conservator of Forests had suggested an increase of 50% of the existing rates in view of the increase in the cost of fuel and hire charges of private elephants. Government have examined the proposal and are pleased to accept the recommendations to enhance the existing rates by 50%. However the enhancement in case of rates for transportation of timber and firewood by fair weather roads and coupes compued to the normal roads will be limited to 33.3% instead of the prevailing enhancement of 50%. The existing and revised rates for dragging. Stacking and transporting of timber is given under Annexure -III

E - Classification of Forest Ramnges

The ranges are classsified into Ordinary, Difficult and very difficult areas. The Chief Conservator of Forests (Development) has also suggested certain changes and additions in the classsification of ranges into Ordinary. Difficult and very Difficult area with a view to rationalize and update the existing classification. Several new ranges have been created by bifurcating the existing, ranges and hence revised classification has become necessary. Government have examined the proposal in detail and order that the classification of the areas/ ranges into Ordinary, Difficult and Very Difficult will be as per Annexure IV.

F - Common Categories

Categories such as Computer Operator, Junior programmer, Accountant, Clerk, Typist, Data Entry Operator, Draftsman, Peon and Watch man which are common categories and for which seperate daily wages have been fixed by the Government through separate Government Orders will continue to get daily wages as specified in those orders as amended from time fo time and wages fixed as per these orders shall not apply to them.

The orders will come into force with immediate effect.

(By Order of the Governpor)

L RADHAKRISHNAN

Annexure I

Kerala Forests Department
Wage Rate Comparison for Forestry Works

Sl. No.	Classification	Existing			Revised		
		Wages as per 1999 Govt. Order	VDA (1350 point) @ 0.06 Paise/point above 900 Point	Total	Revised Wages	VDA (1350 point) @ 0.06 Paise/point above 900 Point	Total
			1			2	
1	Unskilled mazdoor						
	Ordinary area	92.80	27.00	119.80	146.00	9.00	155.00
	Difficult area	104.40	27.00	131.40	54.00	9.00	163.00
	very difficult area	115.00	27.00	142.00	162.00	9.00	171.00
2	Semi Skilled mazdoor						
	Ordinary area	102.00	27.00	129.00	151.00	9.00	160.00
	Difficult area	114.75	27.00	141.75	162.00	9.00	171.00
	Very Difficult area	127.50	27.00	154.50	174.00	9.00	183.00
3	Skilled mazdoor						
	Ordinary area	115.20	27.00	142.20	167.00	9.00	176.00
	Difficult area	129.60	27.00	156.60	181.00	9.00	190.00
	Very difficult area	144.00	27.00	171.00	193.00	9.00	202.00
4	Highly Skilled mazdoor						
	Ordinary area	115.20	27.00	142.20	181.00	9.00	190.00
	Difficult area	129.60	27.00	156.60	197.00	9.00	206.00
	Very difficult area	144.00	27.00	171.00	214.00	9.00	223.00

*GO NG No. 49/99F&WLD dated 21-05-1999

Kerala Forest Department
Classification of Various Workers

Unskilled	Forest nursery and plantation workers including mazdoor watchers, workers engaged in carrying head loads of firewood, workers engaged in earth work (pit making etc.) workers engaged in road making (except rock breaking), workers engaged in marking of trees, workers engaged in collection of non-wood products except honey, workers engaged in tongia cultivation.
Semi skilled	Workers engaged in collection of bamboos, reeds and rattan, workers engaged in charcoal burning, tying of dragrope, loading and unloading firewood, chisel numbering, raft making.
Skilled	Sawyers, carpenters, masons, workers engaged in river transport of timber, workers engaged in rock breaking, agents/supervisors/maistries/ assistance to mahouts, timber stacking, honey collection, workers engaged in vacca making, wood cutter.
Highly skilled	Mahouts, workers engaged in timber loading and unloading, axe man.

Annexure III

Sl. No.	Item	Existing Rate	Revised Rate (50% increase)		
1.	Dragging logs, I & II class teak poles by hired elephants for an initial lead of 200m	Rs. 90/m ³	Rs. 135/m ³		
2.	Dragging logs, and I & II class teak poles by hired elephants for every additional 100 m	Rs. 30/m ²	Rs. 45/m ²		
3.	Dragging logs, and I & II class teak poles by hired elephants in difficult and rugged areas for an initial lead of 200m	Rs. 135/m ³	Rs. 202.50/ m ³		
4.	Dragging logs, and I & II class teak poles by hired elephants in difficult and rugged areas for every additional 100m	Rs. 45/m ³	Rs. 67.50/ m ³		
5.	Stacking of timber using hired elephants	Rs. 19.00/m ³	Rs.29.70m ³		
6.	Transport of timber and firewood in lorries				
		Timber (Existing)	Firewood (Existing)	Timber (Revised)	Fire wood (Revised)
a.	First 10 Kms*	88.60/m ³ /km	66.38 /MT/km	132.90m ³	99.57MT/KM
b.	For the next 15 Kms*	5.85/km	4.35/MT/km	8.78/m ³	6.53/MT/KM
c.	Beyond 25 Kms*	4.73/m ³ /km	3.53/MT/km	7.10m ³ /KM	5.30MT/KM

* Only 33.33% enhancement over the existing rates will be allowed for transportation of timber and firewood in coupes and fair weather roads.

Name of Circle	Name of Range		
	Ordinary Area	Difficult Area	Very Difficult Area
Southern Circle Kollam	1. Konni	1. Naduvathumoozhy	1. Mannarappara
	2. Palode	2. Ranni	2. Goodrickal
	3. Paruthippally	3. Vadasserikara	3. Achencoil
	4. Kulathupuzha	4. Thenmala	4. Kanayar
	5. Anchal	5. Ariankavu	5. Kallar
	6. Pathanapuram		
High Range Circle kottayam	Nil		
		1. Kothamangalam	1. Thodupuzha
		2. Mullangad	2. Munnar
		3. Kaliyar	3. Devikulam
		4. Neriamangalam	4. Nagarampara
		5. Adimali	5. Mankulam
		6. kumili	6. Anakkulam
		7. Marayur	7. Erumali
	8. Kanthallor	8. Ayyappancoil	
Central Circle Thrissur	1. Waddkkancherry	1. Palappally	1. Kaady
	2. Machad	2. Vellikulangara	2. Kuttampuzha
	3. Pattikkad	3. Kodanad	3. Idamalayar
			4. Charpa
	4. Pariyaram	4. Thundathil	5. Vazhachal
			6. Kollathirumedu
			7. Sholayaar
			8. Athirapalli
Eastern Circle, Palakkadu	1. Nilama	1. Karuli	1. Nelliampathy
	2. Ottaplam	2. Kalikavu	2. Mannarakkadu
	3. Valayar		3. Olavakkode
	4. Kollamkode except Thekkadi Section		4. Agali
	5. Alathoor		5. Edavanna
			6. Allappady
			7. Vazhykkadavu
			8. Thekkady Section of Kollengode Range
Northern Circle Kannur		1. Kasargode	1. Thaliparamba
		2. Begur	2. Meppady

Name of Circle	Name of Ranges		
	Ordinary Area	Difficult Area	Very Difficult Area
		3. Chedalath	3. <u>Kannavam</u>
		4. Pervannamoozhy	
		5. Kuttiady	
		6. Kalpetta	
		7. Thamarassey	
		8. Mananthavady	
		9. Kottiyoor	
		10. Peria	
		11. Kanhagad	
Agasthyavanam, Thiruvananthapuram	1. Nayyar	1. Shenduey	
	2. Peppara		
	3. Agasthyavanam Biological Park		
Field director, Kottayam		1. Ranges under Project Tiger, Thekkady and Peerumedu	1. Idukky
			2. <u>Thattekadu</u>
		2. <u>Areas coming under Mathikettan shola NP Pambadum Shola NP and Anamudi Shola NP</u>	3. Eravikulam
		3. Chinnar	
Wildlife Circle, Palakkad	1. Peechi	1. Aralam	1. Sungam
		2. Sulthan Bathery	2. Parambikkulam
		3. Muthanga	3. Kanmala
		4. Kurchiat	4. Orukomban
			5. Silent Valley
		5. <u>Tholpetty</u>	
		6. <u>Chimmony</u>	

Abstract

Forests - schedule of rate for Forest works- Revision of Orders issued.

ANNEXURE - 15

AGRICULTURE (FOREST) DEPARTMENT

G.O. (MS) No. 33/81/AD

Dated, Trivandrum 6.2.1981.

- Read:
1. G.O. (MS) No. 240/78/AD dt. 6.9.1978.
 2. G.O. (MS) 184/79/AD dt. 28.4.'79
 3. D.O. Letter No. P3-26346/80 dt. 30.7.'80 from Shri. A. Hassankutty, Chief Conservator of Forests.
 4. G.O. (MS) 393/80/AD dt. 17.10.'80
 5. Remarks of Chief Conservator of Forests dated 8.10.80 in the Government file leading to G.O. (MS) 393/80/AD dt. 17.10.1980.

O R D E R

In the Government Order read as fourth paper above, the schedule of rates for certain items of Forest works such as Felling and conversion, Elephant dragging and Transport of timber and firewood has been revised. For transportation of timber, 45% increase in the rates approved in the Government Order read as first paper has been sanctioned. For transportation of firewood, and enhancement of 25% of the rates approved in the Government Order read as second paper has been sanctioned.

2. The Chief Conservator of Forests has later requested to enhance the transportation rate by 50% (instead of 45% recommended in his D.O. letter read as third paper). Government approve the above suggestion of Chief Conservator of Forests and they are pleased to issue orders enhancing the transportation rates of timber, firewood and poles by 50% of the rates sanctioned in the Government Orders read as first and second paper Para 2 (iii) and (iv) of the Government Order read as fourth paper stands modified to this extent.

3. Government also order that the powers to decide whether an area is difficult of rugged etc. will vest in the Chief Conservator of Forests.

(By Order of the Governor)

CHINNAMMA PAILY

Under Secretary to Government

To

The Chief Conservator of Forests

Endt. on P3-26346/80.

Office of the Chief Conservator of Forests, Trivandrum, dt. 26.2.1981.

Copy forwarded to all Conservator of Forests and Divil. Forest Officers for information.
Copy to all branch Officers in office for information

Sd/-
for Chief Conservator of Forests

Sd/-
Superintendent.

ANNEXURE - 16

APPENDIX—IV (Contd.)

GOVERNMENT OF KERALA

Abstract

FORESTS—SCHEDULE OF RATES FOR FOREST WORKS—RATE FOR
COLLECTION OF EUCALYPTUS SEEDS—ORDERED.

AGRICULTURE & RURAL DEVELOPMENT DEPARTMENT
(Agriculture—Forest)

G.O. Rt. 2965/66/Agri.

Dated, 25th December, 1966.

Read:—Letter No. C2-39695/64 dated 25-11-1966 from the Chief Conservator of Forests.

ORDER

The Chief Conservator of Forests has after a test collection, proposed that schedule rate for collection of Eucalyptus seeds may be fixed as Rs. 20 per kilogram engaging 10 men mazdoors. The proposal of the Chief Conservator of Forests is accepted, and the rate fixed is noted below.

Item No.	Description of work	Rate		Schedule of rate	
		Labour	Unit	Rs.	Unit
43(g)	Collection of Eucalyptus seeds	10 Men mazdoors	1 kilogram	20.00	Per kilogram

By order of the Governor,
M. K. BHARABAN,
Assistant Secretary.

To The Chief Conservator of Forests.

Abstract

Forests - Collection of seeds - Admissibility of rates - Enhancement of 50% - Modification of note under Chapter IV of Forest Schedule of rates - sanctioned - orders issued.

AGRICULTURE (FOREST) DEPARTMENT

G. O. Rt. No. 1590/81/Forest

Dated, Trivandrum, 24.12.1981

- Read:- 1. G. O. (Rt.) 1931/63/Agri. Dated 8.7.'63.
2. Letter No. P3-48735/79 dated 22.11.80 and 7.7.81 from the Chief Conservator of Forests.
3. Letter No. P3-43538/81 dated 21.10.81 from the Chief Conservator of Forests.

ORDER

The rates for collection of various kinds of seeds are provided in schedule items 26 - 43 of the Schedule of Rates for Forest works sanctioned in the Government Order read as first paper. As a foot note under item No. 43 it is shown that "For considerable large supplies and in poor seeds years rates may be increased up to 50% of all the seeds".

2. The Chief Conservator of Forests has reported that there is some confusion in the wording of the note leading to two interpretations. To avoid ambiguity in the schedule of rates the Chief Conservator of Forests has proposed an amendment to the foot note under item 43 in Chapter IV of schedule of rates sanctioned in the Government order first cited as "For considerable large supplies or collection in poor seed years rates may be increased up to 50% for all seeds".

3. Government are pleased to accept the proposal of the Chief Conservator of Forests. The order contained in the Government Order read as first paper are modified to this extent.

By order of the Governor

T. Kumaran Thambi
Joint Secretary to Government.

To
The Chief Conservator of Forests, Trivandrum.

GOVERNMENT OF KERALA

Abstract

Forests - Fire protection works - Schedule of rates - Revision of data - approved - orders issued.

AGRICULTURE (FOREST) DEPARTMENT

G. O. Rt. No. 614/79/AD

Dated, Trivandrum, 8.3.1979.

Read: 1. G. O. Rt. 115/74/AD, dated 19.1.1974.
2. Letter No. P3-21833/76 dated 8.7.1976 and 10.5.1978 from the Chief Conservator of Forests.

ORDER

In the G. O. Rt. Government issued orders ratifying the action of the Chief Conservator of Forests in having adopted certain rates in respect of the following items of work with effect from 9.1.1973.

- i. Clearance of boundaries and firelines for fire protection.
- ii. Thinning works in Plantations and
- iii. Nursery works.

The Chief Conservator of Forests has reported that after conducting test work on fire protection measures at different places the Conservator of Forests, Industrial Plantation Circle prepared revised data for fire protection works. The Chief Conservator of Forests reported to Government that according to the revised data finalised and approved by him, the average out turn of work of clearing outer-boundary to a width of 5.2 meters comes to 50 meters (for one man mazdoor per day) and the same in the case of fire tracing. On this basis 20 men mazdoors will be required for clearing boundary line to a width of 5.2 meters and fire tracing for 1 km. length respectively. He has requested to approve this data for fire protection works.

Government are pleased to approve the above data. The action of the Divl. Forest Officer, Industrial Plantation Division, Vazhachal and Perumuzhy in having incurred expenditure based on the revised data is also ratified.

By order of the Governor

K. Ramaswamy,
Joint Secretary

To
The Chief Conservator of Forests, Trivandrum.

GOVERNMENT OF KERALA

Abstract

Forest Schedule of Rates - Revision of Labour rates-Orders issued

FOREST ENVIRONMENT & WILDLIFE(D) DEPARTMENT

G.O.MS. 113/86/FEWD Dated, Trivandrum, 19.12.1986

Read:- 1) G.O.MS.No. 436/80/AD dated 15.11.80.
 2) Lr.No.P3- 36587/85 dated 13.9.85 from the Chief Conservator of Forests.

O R D E R

The Forest Schedule Rate was last revised as per the G.O. cited first. In his letter read as 2nd paper above the Chief Conservator of Forests has reported that the existing forest schedule rates are quite inadequate and it is the main cause for delay in the execution of forest works. The Chief Conservator of Forests has therefore forwarded detailed proposals for revision of the existing Forest Schedule Rates.

Government have examined the matter in detail and are pleased to accept the recommendations of the Chief Conservator of Forests and order the following revised forest schedule rates.

1. Skilled workers (Axemen and sawyers); The Chief Conservator of Forests has reported that the existing wage rate is the daily wages of Rs.12/- + variable D.A. The present wage of Rs.12/- will be enhanced by 50%.

2. Skilled and Unskilled workers: The Chief Conservator of Forests has reported that the present wage for semi skilled and unskilled workers are Rs. 9.75/- and Rs. 7.20/- respectively in ordinary areas plus variable D.A. For all categories of semi skilled and unskilled workers except workers engaged in loading of timber, firewood and poles the existing wage of 9.75 and 7.20 respectively will be enhanced by 40%.

3. Dragging by elephants:- The Chief Conservator of Forests has reported that the existing rate is Rs.24.75 for dragging 1 cum (M³) of wood for 200 metres. The Chief Conservator of Forests has recommended 40% enhancement for ordinary areas and 50% enhancement over this for difficult and rugged areas. The recommendation is accepted. The authority to decide difficult and rugged areas will continue to be the Chief Conservator of Forests.

4. Transport of Timber: The existing rate is

a.	Black topped macadam roads for 1st 10 km.	Rs. 22/50/Cum/km
	for every additional lead upto 15 km	Rs. 1.50/cum/km
	for lead beyond 25 km	Rs. 1.20/cum/km

b. By coupe road 150% of the above rates.
 The rate for transport of timber will be enhanced by 50% as recommended by the Chief Conservator of Forests.
 Orders regarding loading of timber will be issued separately.

/By Order of the Governor/
 P.A. Babu Rajendran
 41 Joint Secretary to Government

8. Agali Range
Mulli
Pudur (North)
Pudur (South)
Sholayar
Siruvani
Kukur
Thumbapara

9. Thenkara Range
Edathanattukara
Karimba
Kalladikode

10. Nemmara Range
Nellikalidam
Puzhakalidam & Plantation
Ananada
Thekkady East & West

11. Kuttady Range
The entire forest areas in the section.
12. Kalpetta Range
Poothadi.

By Order of the Governor

U. MAHABALA RAO,
Secretary to Government.

EXPLANATORY NOTE

(This does not form part of the notification, but is intended to indicate its general purport).

In Notification No. 7899/EI/73/LBR dated 1-4-1974 Government have classified forest areas into three viz. Ordinary Areas, Difficult Areas and Very Difficult areas for the purposes of fixing minimum rates of wages in the employment in forests. The Chief Conservator of Forest (Development) has requested Government to include areas under Vested Forest Circle, Kozhikode also in the said notification for the purposes of forest work. Government have decided to include the areas under Vested Forest Circle, Kozhikode also in the Notification No. 7899/EI/73/LBR dated 1-4-1974.

This notification intended to achieve the above object.

Vol. XXVIII Trivandrum, Friday
7th October 1983
15th Asvina 1905 (No. 1191).

GOVERNMENT OF KERALA
LABOUR (E) DEPARTMENT

NOTIFICATION

G.O.Rt. No. 1137/83/LBR. Dated, Trivandrum, 5th October, 1983.

S.R.O.NO. 1372/83 - In exercise of the powers conferred by clause (a) of sub-section (1) of section 3 of the Minimum Wages Act, 1948 (Central Act 11 of 1948) read with sub-section (2) of section 5 thereof and after consulting the Minimum Wages Advisory Board constituted under section 7 of the said Act, the Government of Kerala hereby make the following amendment to the Notification No. 7899/EI/73/LBR dated the 1st April, 1974, published in the Kerala Gazette Extraordinary No. 350 dated the 1st April, 1974 fixing the minimum rates of wages payable to the employees employed in the employment in Forest in the State, the same having been previously published as required by clause (b) of sub-section (1) of section 5 of the said Act, namely:—

AMENDMENT

In the ANNEXURE to the said notification,—"

(i) under the heading "ORDINARY AREAS", under the sub-heading "(c) Southern Circle", after item "18. Parathippally", the following shall be inserted, namely:—

"(d) Vested Forest Circle, Kozhikode

1. Chungathara Range No. I
Mukkatta Section.
2. Palghat Range,
Mundurpally Section.
3. Agali Range,
Agali.

(2) Under the heading "DIFFICULT AREAS" under the sub-heading "(d) Industrial Plantations Circle", after the item "30 Mullieringad", the following shall be inserted namely:-

"(e) Vested Forest Circle, Kozhikode:

1. Kalpetta Range,
Tharid Village
Vadinhazathara
Achooranam Village
Kunathidavka
Kottappady
Muppainad.

2. Thamarassery Range,
The entire forest areas in the Range.

3. Kalpetta Range

- Kalpetta
- Muttill
- Kalathara
- Nemmeni

4. Mahantoddy Range
The entire forest areas in the Range except Peria Section and Kunhom beat in Kunhom Section.

5. Kuthuparamba Range
The entire forest area in the Range except Neerkunnamala, Chandiroomala, Odanthodumala.

Ayyankunnu of Azalam Village

6. Thaliparamba Range
The entire Range except Kudiyannala (Sreekantapuram Section)

Therumeni (Kanhargad section)

7. Palghat Range

- Manthethara
- Town beat
- Koduvuvor

8. Agali Range

- Agala
- Cherakki
- Kozhupalam

9. Thenkara Range
Thiruvizhamkundu

- Arakurissi
- Mannarghat
- Thenkara
- Pottasserri
- Karimpuzha
- Ottappalam

10. Narmara Range
"Vilamala".

(3) Under the heading "VERY DIFFICULT AREAS", under the sub-heading "(d) Industrial Plantation Circle", after item "26. Edamala", the following shall be inserted, namely:-

"(e) Vested Forest Circle, Kozhikode:

1. Cheruzhara Range No. I

The entire forest areas in the Range except Mukkatta Section

2. Chungathara Range No. II

The entire forest areas in the Range.

3. Edavanna Range

The entire forest areas in the Range.

4. Kuthuparamba Range

Neerkunnamala

Chadiroomala

Odamthodumala

Ayyankunnu of Azalam Village

5. Thaliparamba Range

Kudiyannala (Sreekantapuram section) Therumeni (Kanhargad se

6. Mahantoddy Range

Peria section

Kunhom Beat in Kunhom section

7. Palghat Range

Malampuzha

Kottekkod

Pudussery (North)

Pudussery (South)

Kuthanur

Peringottukurussi,

Tarur

ANNEXURE - 20

GOVERNMENT OF KERALA

Abstract

Forest - Formation of beds for teak nursery - Chedleth Range - Collection of pegs - Data approved - Orders issued.

AGRICULTURE (FOREST) DEPARTMENT

G. O. (Rt) No. 2509/80/AD.

Dated, Trivandrum, 9.9.1980.

Read: Letter No. P3-20368/78 dated 11.6.'80 from the Chief Conservator of Forests.

ORDER

In the letter read above, the Chief Conservator of Forests has reported to Government that the Conservator of Forests Kozhikode had sanctioned an estimate for Rs. 36,000/00 for the formation of 360 beds of teak nursery for planting in C.F.C. Padiri North during 1978 over 121.29 hecets. during 1976-77 and 1977-78 in Chedleth Range in which he had sanctioned one man mazdoor for transport of 5 Nos. of bamboos upto a lead of 3 K.M. and one man mazdoor for collection of 100 Nos. of pegs and preparation of Thatties. For the above two items of work, there are no approved schedule of rates. Considering the urgent nature of the work, the Conservator of Forests, Kozhikode had sanctioned the estimate including the above two items of work based on the data collected by Divisional Forest Officers, Nilambur and Kozhikode. The Chief Conservator of Forests has requested to sanction the data approved by the Conservator of Forests, Kozhikode and also to ratify the action of the Conservator of Forests, Kozhikode in having sanctioned the estimate including the above two items of work in anticipation of sanction. Government approve the above proposal of Chief Conservator of Forests and they order accordingly.

By order of the Governor

Chinnamma Paily,
Under Secretary to Government.

To

The Chief Conservator of Forests, Trivandrum.
The Accountant General, Kerala, Trivandrum (This order issues with the concurrence of Finance Department).
The Finance Department (vide U. O. No. 5777/A1/AW/80/Fin. dt. 21.8.80.)

ABSTRACT

Forest Department - Raising of Plantations, Nilambur Division
Transport of stumps - date approved - issued -

AGRICULTURE (FOREST) DEPARTMENT

G.O.(MS) No. 2329/80/AD

Dated, Trivandrum: 16.8.1980.

Read: Letter No. P3. 50361/78 dt. 2.4.1980 from the C.C.F.

ORDER

In the letter read above, the Chief Conservator of Forests has reported to Government that the Conservator of Forests, Kozhikode has sanctioned an estimate for Rs.16,000/- under CCE/Orgl./S.O.No. 33/78-79 during 1978 for the work of formation of teak plantation and that in this estimate, she had allowed a sum of Rs.150/- in lumpsum for the transport of teak stumps through lorry for a distance of 15 Kms. There was no schedule rate for this item of work and so the Conservator of Forests, Kozhikode had directed Divl. Forest Officer, Nilambur to collect data for this work. Accordingly the data collected by the Divl. Forest Officer, Nilambur and approved by Conservator of Forests, Kozhikode had been forwarded to Government for approval.

2. Government have examined the data and are pleased to approve the data as given in the Annexure.

3. The action of the Conservator of Forests, Kozhikode in having sanctioned an amount of Rs.150/- in lumpsum for transport of stumps through lorry is also ratified subject to the condition that the amount has to be paid only as per actuals limited to the lumpsum.

(By order of the Governor)

M. MUHAMMED USMAN,
Joint Secretary to Government.

To .

The Chief Conservator of Forests, Trivandrum.

(Copy)

A N N E X U R E

The data for transport of stumps by lorry upto a of 15 KM.
(to and fro 30 KM.) in Nilambur Division.

Karulai Range

No. of stumps that can be loaded in a lorry.	75,000 75.00
Hire charges of lorry at Rs.2.25 per running No. for a lead of 15 KM. (to & fro 30 KM).	67.50
for loading and unloading 2 man mazdoors.	10.80
Hence charges for 75,000 stumps.	78.50
Therefore for 1,000 stumps. Rs.78.30/75.	1.04

Rs.1.04

For every additional lead of 1 KM. (to and fro 2 KM)
an extra rate of Rs.0.06 per 1000 stumps may be allowed.

Nilambur Range.

No. of stumps that can be loaded in a lorry.	75.00
Hire charges of a lorry at Rs.2.25 per running KM. for a lead of 15 KM. (to and fro 30 KM).	67.50
For loading and unloading 2 man mazdoors.	9.60
Hence charges for 75000 stumps.	<u>77.10</u>

Hence charges for 1,000 stumps. 77.10/75. Rs.1.05

For every additional lead of 1 KM. (to and fro 2 KM)
Rs.0.06 per 1000 stumps may be allowed.

Sd/- Section Officer.

(Copy)

Circular No.50/76 (P2-33685/76 dated 12/27.7.1976)

In future pruning of teak plants should not be done in teak plantation.

KERALA FOREST DEPARTMENT

From

The Chief Conservator of Forests,
Trivandrum.

To

The Conservator of Forests,
Kozhikode, (Vested Forests)
Kozhikode, Quilon, Working Plan
and Research Circle.

No. P3-48876/80 dt. 13.8.81

Sir,

Sub: Plantation cutting back double leaders and pruning - reg.
Ref: Lr. No. (T) 15710/78/dt. 4.12.78 of Conservator of Forests.

.....

For cutting back double leaders and pruning in Teak plantation provision are made in F. S. R. item 94(a). As per this Circular No. 50/76 communicated vide this office letter No. 12-23683/76, it is instructed no to do pruning in plantation since it will be harmful to the plants. For undertaking the work of cutting back double leaders alone no schedule item is available and so Conservator of Forests, Kozhikode had requested Chief Conservator of Forests, to allow the full rate provided under item No. 94(a) for the above item of work without any reduction. Remarks of all Conservators of Forests have been obtained and generally they are of the view that the provision for pruning part is negligible and that full one mazdoor rate as provided under item 94(a) can be allowed for this item of work.

In the above circumstances it is clarified that for cutting back double leaders in plantation, the rate provided under 94(a) of F. S. R. can be allowed in full without effecting any reduction even if no pruning is done.

Yours faithfully
For Chief Conservator of Forests.

GOVERNMENT OF KERALA

Abstract

Teak Plantation - Loranthus attack - cutting and removal of Loranthus - Schedule of rate - Sanctioned - Revision of orders issued.

AGRICULTURE (FOREST) DEPARTMENT

G. O. (Rt) No. 1479/81/Forest.

Dated, Trivandrum, 4.11.'81.

Read:- 1. G. O. (Rt) 2238/79/AD, dated 4.8.1979.
2. Letters No. P3-41197/78, dated 5.9.'80, 16.2.'81 and 22.6.'81 from the Chief Conservator of Forests.

ORDER

As recommended by the Chief Conservator of Forests, Government are pleased to issue the following amendment to item 132(a) of the schedule of rates for Forest Works.

Schedule Item No.	Description	Labour	Unit	Unit
132(a)	(i) Cutting and Removal of Loranthus in Plantations of upto 20 years.			
	1. Ordinary	4 skilled man mazdoors	100 trees	per 100 infected trees.
	2. Difficult	4 " "	100 trees	"
	3. Very difficult	4 " "	100 trees	"
	(ii) Cutting and Removal of Loranthus in Plantations of 21 to 40 years of age.			
	1. Ordinary	8 skilled man mazdoors	100 trees	per 100 infected trees.
	2. Difficult	8 " "	100 trees	"
	3. Very difficult	8 " "	100 trees	"
	(iii) -do- of above 40 years of age			
	1. Ordinary	12 skilled man mazdoors	100 trees	per 100 infected trees.
	2. Difficult	12 " "	100 trees	"
	3. Very difficult	12 " "	100 trees	"

In addition to the above variable D. A. from time to time is also admissible.

By order of the Governor

K. S. Bhaskaran Nair
Joint Secretary to Government

To
The Chief Conservator of Forests, Trivandrum.

ANNEXURE - 25

P3. 28457/83

Chief Conservator's Office, Trivandrum.
1..8..1984.

CIRCULAR No. 29/84

Sub: Application of Manure - chemical fertilizer - to Eucalyptus Adopting schedule item No. 134 reg.
Ref: Letter No. P3-28457/83 dt. 8..2..1984 of Chief Conservator of Forests (Development).

-0-

It was brought to my notice by the Vigilance and Evaluation Wing that the rate provided in F. S. R. item No. 134 is more than the rate actually required when adopted for the application of Chemical Fertilizer in the Eucalyptus plantations. In the letter cited above it was ordered to curtail the practice of adopting the F. S. R. item 134 for chemical fertilizer application to the Eucalyptus plantations till the feasibility of adopting the FSR item III(a) combined with FSR item 134 is finalised on the basis of work studies and revised specifications were prescribed. But it has come to my attention that certain Conservators and Divl. Forest Officers not obeying the directions contained in the above letter and that the adoption of FSR item 134 for chemical fertilizer application to Eucalyptus is being continued.

The proposed work study has not yet been completed by the Conservators. So it is found necessary to fix the wage rate for the application of chemical fertilizer to Eucalyptus plants in plantations till the new rate is finished and fixed based on the work studies.

The wage rate for the work of Chemical Fertilizer application to Eucalyptus plants in plantations is fixed as 1/3rd of the present wage rate as prescribed under the FSR item 134 ie. 1 Man mazdoor for 150 plants and order accordingly.

The receipt of the circular may be acknowledged.

Sd/-
Chief Conservator of Forests.

To
All Conservators,
All Divisional Forest Officers.

ANNEXURE - 26.

Proceedings of the Chief Conservator of Forests (Development)
(Present Sri. N. Madhavan Pillai)

Sub:- Plantation works - Application of manure to younger plantation - collection of data - approval of reg.

Order No. P3. 30616/87/2.12.87

(i) As per the decision taken in the CF's conference held on 22 and 23.9.86 a committee was constituted with the CF(WP&RC) as Chairman, Silvicultural Research Officer as convener, Dy. CF (Evaluation), DFO Trivandrum and ACS(SF) as members, to conduct work study on different forestry works. The study was conducted first on application of manure to young plants in plantations. Application of manure includes the following items of works:

1. Scraping to be done to a radius of 30 cm around the plants.
2. Within the scraped area, the soil to be loosened in a ring around the plant.
3. Manure to be applied and covered.

The test work was conducted in the following areas:

1. 1986 Misc. plantation, Bonnakat area Paruthipally Range, Trivandrum Division.
2. 1986 miscellaneous plantation, University Campus, Kariavattom, Social Forestry Division, Trivandrum.
3. 1986 Plantation, Madathara, Trivandrum.

(ii) Test works in the first two areas were carried out and the committee found that field data is almost similar. Hence it was decided that a conclusion can be arrived at based on the above field data, and that there is no necessity to carry out test work at a third place.

(iii) The result obtained based on the test work is 75 plants per man mazdoor per day, which is $\frac{2}{3}$ rd of the rate as per FSR item No. 134.

(iv) In the circumstances explained above, the out-turn of 75 plants per man mazdoor per day is suggested by the committee is hereby accepted and I order accordingly. The rate provided as per FSR 134 will be modified to the above extent. Since the items specified in the work includes loosening of soil, no separate soil working is required to be carried out.

Sd/-

N. M. Pillai,
Chief Conservator of Forests (D)

Abstract

Forests - Schedule of Rates- Loading and Unloading- clarification- issued.

ANNEXURE - 27

AGRICULTURE (FOREST) DEPARTMENT

G.O. (Rt) No. 1467/81/Forest. Dated, Trivandrum. 31.10.1981

- Read: 1. G.O.(Rt.) No. 1931/63/Agri. dated 8.7.1963.
2. G.O.(MS) No.240/78/AD, Dated. 6.9.'78
3. G.O. (MS) No. 466/80/AD, dated. 15.11.1980.
4. Letter No. P3-26366/80, dated. 23.12.'80 from the Chief Conservator of Forests.

O R D E R

As per the rate for loading of timber logs and poles fixed in the schedule items Nos. 135 and 136 (a) of the Government Order first read above two skilled mazdoors were allowed to load 100cft. of timber and one ordinary mazdoor to unload the same. Government have subsequently revised the rate for timber loading in the Government Order second cited at Rs. 8/- per cu.m and for unloading at Rs. 2/- per cu.m. Later in Government Order read as 3rd paper orders were issued enhancing the labour rate of all the classes of labourers by 50% above what is given in the Forest Minimum Wages Notification No. 7899/E1/73/LBR dated 1.4.'74.

2. The Chief Conservator of Forests has pointed out to Government that usually the rates are fixed giving the number of mazdoors (skilled or otherwise) requiring for a job but in Government Order read as second paper the rates have been fixed per cu.m. in terms of the rupees and not in terms of number of mazdoors. Because of this the Chief Conservator of Forests has raised clarification as to whether the enhancement ordered in the Government Order read as third paper can be made applicable to timber loading and unloading work. The Chief Conservator of Forests has requested Government to issue orders clarifying that for timber loading two skilled mazdoors wage for every 100 cft. as per forest schedule item 135 at the enhanced labour rate sanctioned in Government Order read as 3rd paper will be allowed and similarly for unloading one ordinary mazdoor for every 100 cft. vide item 136(a) of Forest schedule will be allowed.

3. Government are pleased to accept the above proposal of the Chief Conservator of Forests and order accordingly.

(By Order of the Governor)

C.M. KRISHNAN NAIR
Under Secretary to Government.

To

The Chief Conservator of Forests, Trivandrum.

XXX

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Encl. on No. PS-26346/80.

Chief Conservator's Office,
Trivandrum. dt. 5.11.'81

Copy with copy of letter dt. 23.12.'80 and 30.9.'81 of C.C.F. to all Conservators and Divisional Forest Officers.

Forests - Execution of departmental works-rates of stacking timber in depots with hired Elephant - Orders issued.

 AGRICULTURE (FOREST SPECIAL-A) DEPARTMENT

G.O. (MS) No. 361/84/AD

Dated, Trivandrum, 11.12.'84

- Read: 1. G.O. MS 240/78/AD dated 6.9.'78
 2. G.O. MS 184/79/AD dated 28.4.'79
 3. G.O. MS 393/80/AD dated 17.10.'80
 4. Letter No. P3-37879/81 dated 18.2.'82 from the C.C.F.

O R D E R

As per schedule of rates item No. 137, there is a provision for stacking timber using hired elephants. Originally the hire charges of Elephant was only Rs. 80/- per day for stacking 2000cft. of timber (56.640cum). Though the schedule of rates for many items have been revised, Government have not considered revision of the rates for stacking timber using hired Elephants. In the G.O. read as first paper above, Government observed that the then existing hire charges of Rs. 100/- (Rs. One hundred only) per day per Elephant is very low when compared with the daily expenses involved in the maintenance of Elephants. In the G.O. read as 2nd paper above Government inter-alia issued orders enhancing the hire charges of an Elephant to Rs. 200/- (Rs. Two hundred only) per day/ In the G.O. read as third paper above Government inter-alia issued orders allowing an increase of 50% over the existing rate of hire charges per day per elephant.

Consequent on issuance of GOs. read as 2nd and 3rd papers above the rate for stacking timber using hired Elephants automatically rose to Rs. 3.52 (Rs. Three and fifty two paise only) per cum and to Rs. 5.28 (Rs. five and twenty eight paise only) per cum. respectively/ In his letter read as 4th paper above the Chief Conservator of Forests has brought all these facts to the notices of Government and recommended that the rate of Rs. 5.28 (Rs. Five and paise twenty eight only) per cum may be allowed for stacking timber in depots using hired Elephants.

Government are pleased to accept the recommendation of the Chief Conservator of Forests and they order accordingly.

By Order of the Governor

N. Asokachandran, Under Secretary

To

The Chief Conservator of Forests. etc. etc.

ABSTRACT

Forests-Schedule of rates for forest works-revision sanction-accorded

AGRICULTURAL (FOREST) DEPARTMENT

G.O.RT.2556/69/AD

Dated: 9-10-69.

- Read:- 1. G.O.RT.No.2175/AD. dt.18.10.1965
2. G.O.RT.No.552/67/AD. dt.3-3-1967
3. G.O.RT.No.151/68/Ad dt.18-1-1968 and
4. Letter No.C2-29378/68 dt.17-3-1969 from Chief Conservator of Forests

ORDER

=====

Sanction is accorded for the revision of item No.141 of schedule rate for forest work as follows:-

Sl.No.	:	141
Description of works	:	Loading logs in wagons without crane.
Data Labour	:	2 Skilled mazdoors
Unit	:	One cum
Schedule of rates	:	Rs.7/- per cum.

(By order of the Governor)

K.K.GOPALAN,
ASST.SECRETARY.

To
The CCF.

//True copy//

GOVERNMENT OF KERALA

Abstract

Forests - Schedule of rates for forest works - handling timber in depots for supply to Railways etc. - orders issued.

AGRICULTURE (FOREST SPL. A) DEPARTMENT

G. O. Rt. No. 2978/82/AD

Dt. 17.11.82.

Read: G. O. Rt. No. 1931/63/Agri. Dt. 8.7.1963.

ORDER

The words "Loading in Railway Wagons without crane hire" occurring against SI. No. 141 of the Schedule of rates for forest works appended to the G. O. read above be deleted and the following substituted.

"Crane hire charge to be paid extra whenever cranes are used for loading timber in Railway Wagons from the Railway stations viz. Nanjangad, Mysore, Feroke, Olavakode".

The Government orders read above stands modified to the above extent.

By order of the Governor

Spl. Secretary

To
The Chief Conservator of Forests.

ANNEXURE - 31

കേരള സർക്കാർ

സംഗ്രഹം

വനംവകുപ്പ് - വനത്തിനുള്ളിൽ നിന്ന് ചന്ദനത്തടി തലച്ചുമടായി കൊണ്ടുവരുന്നതിനുള്ള കുലിനിരക്ക് പുതുക്കിക്കൊണ്ട് ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു.

വനം, വന്യജീവി (ഡി) വകുപ്പ് തീയതി : 12.2.1993
സ.ഉ. (കൈയെഴുത്ത്) നം: 10/93/വനം

- പരാമർശം: 1. 7.3.88 ലെ സ.ഉ. (കൈയെഴുത്ത്) നം: 22/88/വനം, വന്യജീവി വകുപ്പ്
- 2. ചീഫ് ഫോറസ്റ്റ് കൺസർവേറ്ററുടെ 8.11.91 ലെ പി 2 - 44615/90 നമ്പർ കത്ത്.

ഉത്തരവ്

നിലവിലുള്ള കുലി നിരക്ക് വനത്തിനുള്ളിൽനിന്ന് ചന്ദനത്തടി ഡിപ്പോകളിലേക്ക് കൊണ്ടുവരുന്നതിന് അപര്യാപ്തമായതിനാൽ നിരക്ക് പരിഷ്കരിക്കുന്നതിന് ആവശ്യമായ നിർദ്ദേശങ്ങൾ പരാമർശം രണ്ടിലെ കത്ത് പ്രകാരം ചീഫ് ഫോറസ്റ്റ് കൺസർവേറ്റർ സർക്കാരിന് സമർപ്പിക്കുകയുണ്ടായി. ചീഫ് ഫോറസ്റ്റ് കൺസർവേറ്ററുടെ നിർദ്ദേശം സർക്കാർ വിശദമായി പരിശോധിച്ചു. ചന്ദനത്തടി തലച്ചുമടായി വനത്തിനുള്ളിൽനിന്ന് ഡിപ്പോകളിൽ എത്തിക്കുന്നതിന് താഴെ പറയുന്ന പുതുക്കിയ നിരക്ക് പ്രാബല്യത്തിൽ വരുത്തിക്കൊണ്ട് ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു.

എല്ലായിനം ചന്ദനത്തടിയും ആദ്യത്തെ 200 മീറ്റർ തലച്ചുമടായി കൊണ്ടുവരുന്നതിന് : 2.49 മാൻ മസ്ദൂർ/മെ. ടൺ

പിന്നീടുള്ള ഓരോ 200 മീറ്ററിനും : 1.88 മാൻ മസ്ദൂർ/മെ. ടൺ

2. 8.7.1983 ലെ ജി. ഒ. ആർ. റ്റി. നം. 1931/83/അഗ്രി - യിൽ ചേർത്തിരിക്കുന്ന ഷെഡ്യൂൾ ഓഫ് റേറ്റിലെ 143(സി), 143(ഡി) എന്നീ ഇനങ്ങൾ മേൽപ്രകാരം ഭേദഗതി വരുത്തിക്കൊണ്ടും 143(ഇ) എന്ന ഇനം റദ്ദാക്കിക്കൊണ്ടും ഉത്തരവാകുന്നു.

ഗവർണ്ണറുടെ ഉത്തരവിൻ പ്രകാരം

എസ്. പത്മനാഭകൃഷ്ണൻ
ജോയിന്റ് സെക്രട്ടറി

- പ്രിൻസിപ്പൽ ചീഫ് ഫോറസ്റ്റ് കൺസർവേറ്റർ (ജനറൽ).
- ചീഫ് ഫോറസ്റ്റ് കൺസർവേറ്റർ (വികസനം).
- ചീഫ് ഫോറസ്റ്റ് കൺസർവേറ്റർ (സംരക്ഷണം).
- അക്കൗണ്ടന്റ് ജനറൽ (ആഡിറ്റ്)/(അക്കൗണ്ടന്റ് ആന്റ് എൻ്റ്രിയിറ്റിമെന്റ്സ്), തിരുവനന്തപുരം.
- (ഈ ഉത്തരവിന് ധനകാര്യ വകുപ്പിൻ്റെ 13.1.91 ലെ 9816/എഡബ്ളിയു/എ1/92/ധന നമ്പർ അ: കുറിപ്പ് പ്രകാരം അംഗീകാരമുണ്ട്)
- ധന വകുപ്പ്.
- സ്റ്റേക്ക് ഫയൽ/ഓഫീസ് കോപ്പി.

ഉത്തരവിൻ പ്രകാരം അയ്യക്കുന്നത്

സെക്ഷൻ ഓഫീസർ

KERALA FOREST DEVELOPMENT CORPORATION LTD.,
KOTTAYAM-3

Proceedings of the Managing Director

Present Sri.T.M.Manoharan

Sub:-Revision of Wage Rates for Forests works – reg.
Ref:-GO(MS) 49/99/F&WLD dt.21.5.1999.

Order No. C2/3072/99 Dt: 24.06.1999

In the order cited as first reference, Govt. issued orders revising the wage rates for forestry works in Forest & Wildlife Department. As per resolution No.926 dt.19.06.1999 the Board of Directors has authorised Managing Director to implement the provisions of the said Govt. Order for the forestry works in Kerala Forest Development Corporation also, with modifications if any ordered by Govt. or Principal Chief Conservator of Forests. The issues relating to the revision of rates have been discussed in detail with the Principal Secretary, Forest & Wildlife Department and Chief Conservator of Forests (Development) on 23.06.1999 and with the Divisional Managers, General Manager and Secretary-cum-Finance Manager on 24.06.1999. In view of the decisions in the above discussions the following revision of wage rates is sanctioned provisionally following the under noted guide lines.

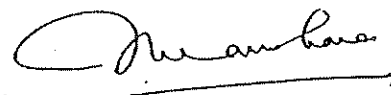
1. At present VDA payable is calculated for the consumer price index above 100 points
2. For calculating basic wages, the VDA payable on 900 points = Rs.48.00 [ie. Rs. (900-100) x 0.06] has to be merged with the present basic wage (Rs.10.00) and thereafter an increase at the rate of 60%, 80% and 100% may be given for ordinary mazdoor, semi skilled mazdoor and skilled mazdoor respectively.

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3. Accordingly, the basic wages for ordinary, semi-skilled and skilled mazdoor may be fixed at Rs.92.80, Rs.104.40 and Rs.116.00 respectively.
 4. The basic wage rate for ordinary mazdoor in ordinary area (Rs.92.80) may be reckoned as the Bench Mark Basic Wage.
 5. An increase at the rate of 12.5% and 25% above the Bench Mark Basic Wage may be given to each category of labour in difficult areas and very difficult areas respectively.
 6. Accordingly the following rates are provisionally approved till Govt. or Principal Chief Conservator of Forests issues clarifications if any.

BASIC WAGE RATES

Sl. No.	Area	Ordinary Mazdoor	Semi-skilled Mazdoor	Skilled Mazdoor
1	Ordinary	92.80	104.40	116.00
2	Difficult	104.40	116.00	127.60
3	Very Difficult	116.00	127.60	139.20

7. Variable D.A. payable will hereinafter be calculated @ Rs 0.06 for every point above 900 points of the consumer price index.
8. The revised rate will be applicable for the works done after 21-05-1999.



MANAGING DIRECTOR.

Copy to: All Divisional Managers

57 ANNEXURE - 32 SUMMARY OF ORDERS RELATING TO WORKS

1. G.O(MS)240/78/AD DATED 6.9.1978

Rates for felling, conversion and desapping, dragging by elephants, transporting, loading and unloading enhanced.

- Felling, conversion and desapping - 3 times the rate applicable for hardwood in the M.W. Notification.
- Dragging by elephants - Rs.16.50 per m³ for first 200 m. 1/3 of the above for every additional lead of 100m. 50% enhancement of the above rate in difficult and rugged area.
- Transporting - Rs.15/- per m³ for first 10 Km. Rs.17/- per km for next additional lead of 15 Km. Rs.0.80 per km beyond 25km. Enhancement of 50% of the said rate allowed in coupe and forest roads.
- Timber loading and unloading - Rs.8/- and Rs.2/- respectively.

2. G.O(MS)184/79/AD DATED 28.4.1979

Rates sanctioned for the following items of works.

- Chistle Numbering - Rs.0.20 per m³ in supply coupe.
- Rs.0.25 per m³ in sale coupe.
- Transport of fuelwood - Rs.11.25 per tonne for first 10 Km.
- Rs.0.75 per tonne next 15 Km.
- Rs.0.60 per tonne beyond 25 Km.
- 50% enhancement in Coupe and fair weather roads.
- Loading fuelwood in Lorries - Wages of 1 1/2 mazdoor per tonne
- Collection of poles from thinning - Rs.5.46 for I A Rs.5.04 for I B
Rs.4.20 for I C Rs.4.10 for II A
Rs.3.78 for II B Rs.3.15 for II C
- Working down thondy - One elephant work allowed even if the quantity is less than the quantity for a days work (12 m³ over 200m) provided it is economical.
Rate of one truck load allowed even if the quantity is less than lorry load (6m³) provided it is economical.

3. G.O.(MS)393/80/AD DATED 17.10.1980.

Following rates have been allowed.

- Felling and Conversion - Wages of axeman enhanced Rs.12/-, Rs.13.50 and Rs.15/- in ordinary, difficult and very difficult areas.
- Elephant dragging - 50% enhancement of the rate sanctioned in G.O(Ms)240/78/AD.
- Transport of timber - 45% enhancement of the rate sanctioned in GO(MS)240/78/AD.
- Transport of fire wood - 25% enhancement of the rate sanctioned in GO(MS)184/79/AD.

2

4. G.O(MS)33/81/AD dated 6.2.1981

The following enhancement is ordered

Transportation rate of timber, firewood and poles : 50% enhancement of the rate sanctioned in GO(MS)240/78/AD and GO(MS)184/79/AD.

5. GO(MS)436/80/AD dated 15.11.1980.

Revised the labour rate of all classes of daily labourers of Forest Department by 50% enhancement of the rate given in the M.W. Notification dated 1.4.1974. The VDA for daily rated workers revised as paise 6 for every point above 100 points.

6. Government Notification No.11832/E1/75/LBR dated 19.6.1980

The figure "500" occurring against Item No.III(f) of M.W. Notification dated 1.4.1974, that is, transport of basketted seedlings and distribution upto 500m is corrected as "50m".

7. Chief Conservator of Forests' P1-34959/74/K.Dis. dated 2.8.1974.

Approved data for providing shade pandal.

Data for thatching roof of pandal excluding value of bamboos for 100 Sq.ft.
Coconut cudjan leaves 40 (20 pairs) @ Rs.50 per 100 pair : 10.00
1 1/2 bundle @ Rs.0.25 Ls : 0.25
3/8 man mazdoors for thatching @ Rs.6/- per man : 2.25
Total : 12.50

100 Sq.ft. = 9.29 S.M.

One Bed 12x1.20m = 15.60 Sq.M.

Rate for thatching 1 load = $\frac{12.50 \times 15.60}{9.29}$: 21.00

8. Chief Conservator of Forest's P3-36690/73 dated 10.9.1974.

In arriving the basic rate for timber work the logs of 1/2 m³ and below and 1/2 m³ and above may be taken in 50:50 ratio.

9. I.P. Conservator of Forest's IPI 2926/75 dated 20.5.1975.

Dibbling seedlings : 1/3rd rate admissible under M.W.III(k) may be allowed.

10. G.O.(R)No.2744/75/AD dated 15.10.1975.

The rate for reduction of coppice shoots to 2 or 3 per stool in 2nd year after clear felling: 1.75mm/Ha. in 3x3m espacement.

11. Circular 12/76 (P3-72422/75 dated 17.2.1976.

Size of polythene bags for Nursery works fixed as 18x12cm. Size of standard nursery bed specified as 3x1.125m. Restriction on length is found unnecessary. The provision for bamboo thattees may be retained. In case of teak nurseries 5 Kg. seeds per bed will be sufficient.

12. Circular 13/76 (P3-70884/75(K.Dis.) dated 15.2.1976)

It is ordered to work out the itemwise rate using the basic wages and to include as Ls. provision for payment of Variable D.A.

13. Circular 15/76 (P3-6597/76 dated 22.2.1976)

It is ordered that till receipt of the next published consumer price index, the index numbers of the previous month may be followed for calculating Variable D.A.

14. Circular No.18/76 (P1-6761/76 dated 6.3.1976)

Eucalyptus and such other species need to be watered. The rate of watering at 30 lit. per day per 1 Sq.M. is not mandatory. The requirement of watering may be realistically assessed based on species, season and locality factors.

15. Circular No.31/76 (P1-24534/76 dated 4.5.1976)

The Divisional Forest Officer should inspect the planting area and satisfy himself the requirement of lead for transport of seedlings by head load and distribution. A certificate should be furnished to the effect that the lead provided in the estimate is the average lead required.

16. Circular No.34/76 (P3-25115/76 dated 17.5.1976)

For healthy and vigorous seedlings 25% more than the actual number of beds may be taken. Watering may be limited to $\frac{1}{3}$ rd quantity specified in M.W. till a revised data is worked out.

17. Letter No.P3-12764/75 (K.Dis) dated 18.5.1976.

In the case of teak nursery side protection may be required in heavy rain fall localities as the beds have to be retained for a minimum of one year. The cost for collection and transport of bamboo has to be worked out separately since it is not included in the job specification for formation of Nursery beds. Each bed will be capable of producing 1000 to 1200 good teak stumps. $2\frac{1}{2}$ beds of nursery are required for planting 1 Ha. In order to face unforeseen contingencies, the number of beds may be increased by 10% and not more than 20% of the total requirement. For one bed 30 RM length bamboo is required.

18. Circular No.32/76 (P3-22119/76 dated 8.5.1976)

If the lead for haulage of poles is less than 2 furlongs, the expenditure on this may be limited in proportion to the actual lead and not for the full lead of 2 furlongs. (This is withdrawn as per circular 14/79 dated 20.2.1979 P3-60654/75 dated 20.2.1979).

19. No.P3-K.Dis.6597/76 dated 18.5.1976.

Since Variable D.A. is paid based on the latest available consumer price index, there is no question of payment of VDA at higher rate nor adjustment of payment made in excess consequent on the publication of the index of the matter at a later date.

20. Circular No.37/76 (P2-19279/76 dated 6.6.1976)

Special tending or weeding in plantation over 3 years of age should be conducted only with prior inspection and sanction by Divisional Forest Officer/Conservator of Forests respectively.

21. No.P3-29391/76 (K.Dis) dated 15.6.1976.

The date of receipt of index number in the respective division will be the effective date for calculating the Variable D.A.

22. Circular No.48/76 (No.P3-72422/75 dated 12.7.1976)

Size of standard teak nursery bed specified in the M.W. Committee report is 12.19x1.219x0.30. This bed requires 5 Kg. seeds. The standard width and depth is fixed now as 1.21x0.30m and length according to convenience of site.

23. Circular No.50/76 (P2-33685/76 dated 12/27.7.1976)

In future pruning of teak plants should not be done in teak plantation.

24. No.P1-2407/76 (K.Dis) dated 5.8.1976.

Taungya cultivation in eucalyptus coppiced plantation should not be allowed.

25. No.P2-69377/76 (R.Dis) dated 3.9.1976.

Cutting back the double leaders is necessary. This should be done under the supervision of the Department staff and not to be entrusted to taungya dar.

26. OD(RI)3426/76/AD. dated 29.9.1976.

Value of teak stumps : Rs.5/- for delivery at Nursery site.
Rs.6/- for supply outside state.

27. Circular No.70/76 (P1-52081/76 dated 16.9.1976)

The rate for formation of teak nursery bed without side protection 0.82 - 0.92 - 1.02 respectively for ordinary, difficult and very difficult areas.

28. No.P1-64315/76(L.Dis) dated 9.11.1976

1/2mm per acre may be provided for marking in the case of thinnings (1st and 2nd silvicultural) as per schedule item 103 and 104 in plantation where there are no plantation watchers.

29. Circular No.3/77 (P3-72919/77 dated 5.1.1977)

Department works such as planting, weeding, tending, thinning etc. should be undertaken exclusively under N.M.R.

30. Circular No.14/77 (P3-15161/77 dated 28.3.1977)

It is clarified that only 20% of the rate for transporting of basketted seedlings by head load and distribution up to a lead of 50M is admissible for every extra lead of 50M.

31. No.P3-14077/77 dated 5.4.1977.

Approved a rate of Rs.42.60 for shade pandai per bed.

Department letter No.16344/F2/77/AD dated 6.4.1977.

F.R. item No.40 is applicable for the collection of seeds of Albizia falcatia also.

I.G.O.(MS)115/77/AD dated 8.3.1977.

Ordered piece work system for : (1) Felling and preparation of timber.
(2) Nursery formation.
(3) Sowing seeds and aligning and stacking.

In P3-62872/75 dated 26.12.1977 the form for piece work roll prescribed.

34. G.O(RI) 193/78/AD dated 25.1.1978.

The rate for chistle numbering 100 softwood log is fixed as 1/4 of the daily wages of a semi skilled mazdoor.

35. No.P2-713/77 dated 17.12.1978.

It is clarified that (1) the rate applicable for felling conversion of Rosewood, Anjily is 3 times the rate applicable to Hardwood or log debarked.
(2) even if the lead for transporting less than 10km, minimum rate for transporting for a distance of 10 Km. can be allowed.
(3) 50% enhancement for transporting through coupe road

2
36. G.O(RI) 358/79/AD dated 7.2.1979.

Approved rate for package programme for cashew.

Soil working 1 to 1.5m radius	:	Rs.7/- per 20 trees.
Fertiliser application 250:125:125 NPK	:	Rs.50/- per 20 trees. In circular 15 to 20 cm.
Pest and disease control	:	Rs.9/- per 20 trees.
Contingency	:	Rs.3/- per 20 trees.

37. Circular No.14/79 (P3-60654/78 dated 20.2.1979.

Instructions issued in circular 32/76 withdrawn. (Item 18)

38. No.P3-6743/79 dated 25.2.1979.

Classification of Poles	:	V-15cm-27 cm.	IV- 28cm-40cm
		III-31cm-52cm	II- 53cm-64cm
		I - 65cm-75cm	

39. Circular No.26/79 (C1-61649/78 dated 9.4.1979)

It is not admissible to claim Variable D.A. for which rates are approved under piece rate system. (cancelled as per Circular No.40/79).

40. Government letter No.53082/F3/L&H dated 22.3.1979.

Equal wages may be paid to men and women engaged as unskilled labourers with effect from 1.4.1979.

41. G.O.(RI)614/79/AD dated 5.3.979.

20 Mazdoor will be required for clearing boundary line to 5.2m width and fire tracing 1 km length respectively.

42. Data for firewood collection excluding felling

One axe man is required for felling 4 trees 122 to 255cm girth

Yield obtainable from such trees as per

NRN's volume table

Felling charges of 12.228m³

For one tonne of 2m³

Rate for felling billeting and stacking
firewood under FSR 16(a) and (b)
excluding felling for one tonne of 2m³

3.057x4 = 12.228m³

Rate of one Axeman

12.228

Rate of one Axeman x 2

12.228

Rate of one Axeman x 70.63 - Rate of one Axeman x 2

12.228

43. No.P3-11913/83 dated 13.4.1983

It is proposed to allow 0.90 man mazdoor for stacking 3 Kappukals. 16³ Kappukals are equivalent to I-IVth class.

44. Circular No.40/79 (C1-61649/78 dated 15.6.1979)

It is clarified that VDA is admissible for works under piece rated system in the M.W. But it will not apply to rates ordered in GO(MS)240/78 and GO(MS)184/79. The instructions issued in circular 26/79 is cancelled.

45. GO(RI)2238/79/AD dated 4.8.1979.

Sactioned 8 skilled mazdoors for removing loranthus from 100 trees.

46. GO(RI) No. 761/80/AD dated 18.3.1980.

The rate allowable for collection of seeds of Gmelina alborea is 150% of the rate admissible to Bombax seeds, i.e. 50% enhancement of the rate applicable to Bombax.

47. GO(RI) 896/80/AD dated 27.3.1980.

Rate for termite control in Eucalyptus plantation approved.

Mixing insecticide dust in Basketting soil	:	One man mazdoor for mixing one m ³ soil.
Post planting treatment of neatly planted seedlings with liquid insecticide	:	One man mazdoor required for bringing 1-2 gallon water required for 1000 plants. 2 man mazdoor required for spraying the liquid on the soil close to the stem of 1000 plants Total No. of m.m. for 1000 plants is 3.

48. G.O(RI) 2320/80/AD dated 16.8.1980

Rate for transport of teak stump sanctioned.

No. of stumps that can be loaded in a lorry 75000.

Hire charges @ the PWD Rate x 30 RKM	:		a
Loading unloading	:	2 Man mazdoor x rate =	b
Hence rate for 1000 stumps	:	$\frac{a \times b \times 1000}{75000}$	= c

For every additional lead of 1 Km (2RK) 0.60m.m. be allowed per 1000 stumps.

49. GO(RI) 2509/80/AD dated 9.9.1980.

Allowed 1 m.m. for transport of 5 No. of bamboos upto a lead of 3 Km.
Allowed 1m.m for collection of 100 pegs and preparation of Thattees.

50. GO(RI) 2752/80/AD dated 4.10.1980.

Rate for corss cutting	:	Below 125 cm = 1/9 sawyer
		125 to 150 = 1/6 sawyer
		above 150 = 1/3 sawyer

51. GO(RI) 2703/80/AD dated 29.9.1980.

Approved rate for providing protective covers of bamboo around the cashew seedlings.

52. No. P3-715/77 dated 3.8.81

1 1/2 mazdoor allowed for loading and unloading of fir wood as per GO(MS) 184/79 is specified as semi-skilled mazdoor.

53. GO(RI) 1479/81/Forests dated 4.10.1981.

Rate for loranthus cutting revised.

Cutting and removing loranthus from teak plantation.	Upto 20 years-4 skilled mazdoor/100 trees
	21 - 40 8 skilled mazdoor/100 trees
	Above 40 12 skilled mazdoor/100 trees

58
54. GO(P) 1467/81/Forest dated 31.10.1981.

Ordered wages of 2 skilled mazdoors for loading 100 cft. timber and wages of one ordinary mazdoor for unloading 100 cft. timber. For loading 1m³ timber 0.706 skilled mazdoor unloading 1m³ timber=0.353 ordinary mazdoor. 1 skilled mazdoor allowed for loading 6 Ist, 12 IInd, 20 IIId, 45 IVth and 100 Vth. For unloading 1 ordinary mazdoor allowed for 12 Ist, 24 IInd, 40 IIId, 90 IVth and 200 Vth. In addition VDA is also allowable.

55. Government letter No.13717/77/AD dated 16.9.1978.

Asked the Chief Conservator of Forests to report whether it would not be enough to lay down the cost of construction of coupe road as per PWD rate or Rs.5/- per m³ proposed.

56. Government letter No.16828/FE2/31/AD dated 2.1.1981.

Requested all Conservator of Forests to reduce the lead for elephant dragging to the maximum extent possible.

57. No.P3-38556/81 dated 18.11.1981.

In 1 m² plot form 175 basketed seedlings can be provided.

58. No.P3-17250/77 dated 13.8.1981.

Allowed 2/3rd rate sanctioned in the M.W. for watering.

59. No.P3-48876/80 dated 13.8.1981.

The rate provided under 91(a) can be allowed for cutting double leaders even if pruning is not done.

60. Circular No.17/85 (No.A5-23462/85 dated 11.6.1985)

Cattle scarars mazdoor watchers, fire watchers, depot watchers on daily wages etc. (daily rated workers) may be engaged on NMR instead of PCR.

61. Circular No.8/84 (P3-28457/83 dated 12.5.1986.

Ordered to curtail the practice of doing manuring adopting FSR 134.

62. GO(P) 349/86/fin dated 12.5.1986.

The amount of estimate shall be rounded to the nearest higher multiple of Rs.100/-

63. No.YE3-2437/81 dated 22.9.1983.

Copy of estimate costing Rs.10000/- and above should invariably be submitted to the Chief Conservator of Forests (Vigilance).

64. Circular No.29/84 (P3-28457/83 dated 1.8.1984)

1/3rd of the wage rate prescribed under FSR 134, i.e. 1m.m. per 150 plants allowed for application of manure.

65. Circular No.12/78 dated 30.4.1978.

The supply of planting materials from one division to another of the department need not be billed and no amount need be collected or adjusted.

66. Circular No.27/4 (P3-13415/84 dated 27.7.1984.

Circular 12/78 is cancelled and asked to follow provision 12.1.5. of K.F.C. Volume II.

67. Circular No.34/84 (P3-33249/84 dated 28.8.1984)

In eucalyptus coppice plantation only one weeding need be allowed during first year. 2nd weeding not necessary. If necessary, may be done with sanction of the Conservator of Forests. No weeding or thinning of coppice allowed from 2nd year onwards.

68. Circular No.2/87 (WL7-1826/86 dated 4.3.1987)

Work of dragging timber when there are department elephants should not be done by hand dragging or by hired elephants.

69. Data for shade pandal

1. Cudjan leaves plaited including cost of transport	: 78.75/100	14.78
2. 1.5 Nos. Green madals for twing	: 31.25/100	0.47
3. 0.4 Masdoor special mazdoor	: 12.18/Each	4.85
	Total	20.10
For 10 m ²	20.10	
For 12 m ²	20.10×12	24.12

70. GO(RI)648/85/AD dated 21.6.1985.

The wage rate of unskilled workers engaged on NREP and RLEGP works revised as follows:

Hard work hitherto done by man	: Rs.15/-
Light work hitherto done by women	: Rs.12/-

71. GO(MS)113/86/FEWD date 19.12.1986.

Wages of skilled mazdoor (axemen and sawyers) enhanced by 50% of the existing rate of Rs.12/-

The existing wage rate of Rs.9.75 and Rs.7.20 for semi skilled and unskilled mazdoors in ordinary area (except workers engaged in loccking timber, firewood and poles) enhanced by 40%.

The existing rate of Rs.24.75 per m³ for 200m for dragging is enhanced by 40% in ordinary area. 50% enhancement over this for difficult and rugged areas.

The existing rate for transport of timber is Rs.22.50/m³/Km for the first 10 Km, rs.1.50/m³/km for next 15 Km, Rs.1.20/m³/km for lead beyond 25 km. In coupe roads the rate is 50% above this. The rate is enhanced by 50%.

72. No.P3-36587/85 dated 25.2.1987.

The rate for all categories of labour for difficult and very difficult areas are enhanced by 12.5% and 25% respectively of the rate sanctioned in G.O(MS) 113/86.

73. G.O.(RI)334/87/F&WLD dated 20.7.1987.

Cross cutting charges of poles	: 49 paise for each cut.
	: 98 paise for cross cutting both ends.

74. No.YE1-5063/87 dated 25.2.1988

Clarified that the rate sanctioned for filling polythene bags 12x18cm bags will be enough to fill bags of 12x24, 20x15 sizes.

62
75. No. VE4-2667/86 dated 17.5.1988.

Aligning and stacking 1.5x1.5m = 2.469 skilled and 6.58 unskilled mazdoors.

Scrapping just before pitting not allowable.

For pits of more than 30cm³ follow PWD rate.

The rate for covering pits 25cm³ will be enough to cover pits of 30cm³.

Since one of the job specification for covering pits and digging planting holes is to remove weeds by scrapping 25cm diameter around the pit scrapping after pitting not allowable. Application of fertilizer includes scrapping and soil working also. Before starting manuring an intimation should be sent to Chief Conservator of Forests (Vigilance), patch skinning need be done.

Before soil working and manuring an assessment of stocking per centage should be made and recorded in the plantation journal.

76. G.O.(MS)22/88/F&WLD dated 7.5.1988.

For uprooting sandalwood trees 1.9 ordinary mazdoor is allowed.

77. No. VE4-2667/86 dated 12.5.1988.

When baskets are 12x18cm, 25cm³ pits will be sufficient. Care should be taken not to classify an ordinary soil into a bouldary soil. Time of pitting should be correctly verified.

78. No. VE1-1906/88 dated 27.5.1988

Trees to be cleared of loranthus are to be given single blaze and pencil numbers.

79. No. P3-30616/87 dated 2.12.1987.

Application of manure includes scraping to a radius of 30cm, loosening of soil around the plants application of manure and covering. Rate of manuring for 75 trees one m.m. which is 2/3rd of FSR Item 134.

80. Circular No.38/88 (P7-46908/88 dated 7.12.1988)

Whenever Ls. provision are made in the estimate, the labour component of the work should be executed under N.M.R.

81. G.O.(MS)24/89/F&WLD dated 18.2.1989.

Approved rate for collection of poles:

IA- 1.14m.m. IB- 1.05 m.m. IC- 0.88 m.m

IIA- 0.85 m.m. IIB- 0.79 m.m. IIC- 0.66 m.m.

82. No. P2-28831/89 dated 4.7.1989.

Payment of wages lower than what is provided in the estimate is serious financial irregularity. Engaging fire watchers, nursery watchers, plantation watchers etc., under PCR is highly irregular. Only works measurable alone can be done under PCR.

83 No. VE4-2667/86 dated 4.2.1989.

The Dy. Conservator of Forests/Asst. Conservator of Forests should check the survey record though the responsibility of survey and computation rest with Range Officers. Whenever nursery or plantation is inspected by an officer he should record observation or note in the journal. Measurement book should be maintained for civil works and fire protection works. Foundation for cairns to be avoided.

84. GO(RT)456/89/F&WLD dated 6.9.1989.

The 50% enhancement ordered in g.O(Ms)113/89 for transport of timber is applicable to fire wood also.

85. Chief Conservator of Forests' No.P2-62331/89 dated 29.11.1989.

For dragging first and second class poles elephants may be used where ever elephants are available. It is practically difficult to drag III, IV and V class by elephant.

86. GO(RT)101/90/F&WLD dated 13.2.1990

The rate for pitting revised.

Digging pits of 30 cm ³ rate of m.m. per 100 pits	Ordinary Soil	: before rain	1.8182
		: after rain	0.9229
	Hard soil	: before rain	2.5641
		: after rain	1.3015

87. Chief Conservator of Forests (SF) No., SIA-4571/90 dated 7.6.1990.

The man power required for aligning and stacking 2x2m is 2:469 skilled and 4:938 unskilled mazdoor per Ha. Accordingly the admissible rate will be Rs.88.88, 111.10 and 133.33 as against Rs.117.27, Rs.131.93 and Rs.146/59 sanctioned in the minimum wages notification. Wages admissible to be labour contents mentioned above may be adopted in aligning and stacking.

88. Minutes of the Conservator of Forests' conference 1/80-Conference Hall at Trivandrum on 29.1.1980.

The question of enhancement allowable in case the lead of coupe road is less than 10km was discussed. It was decided to limit the enhancement to the proportion of the actual lead of the coupe road subject to approval by Government.

89. No.P3-14077/77 dated 5.4.1977-Data for shade pandal

Providing shade pandal for 12x1m

(a) Collection of materials and fabrication of skeleton of the pandal

Collection of posts 3m long	- 8 nos.		
Bressumers 12.5m	- 2 nos.	One mm	10.00
Rafters (reeds) 15m	- 50 nos		
Collection of fiber and fabrication of the skeleton		one mm	10.00
		VDA 19.00x2	38.00
		Total	58.00

(b) Thatching roof of pandal with double coconut-leaves over rafters and reepers.
PWD data 463.

43 Nos. cost of cadjan madalas platted including cost of transportation	50.00/100	21.50
1.5 No. green madal for tying including cost of transport	00.50/Each	00.75
0.4 special mazdoor (semi skilled) for thatching	08.10	03.25
		25.50
For one bed of 12m ²	$\frac{25.50 \times 12}{10}$	= 30.60
Rate per bed	= 58 + 30.60	88.60

90. GO(Rt) 1105/82/AD dated 20.4.1982.

Approved data for conversion and classification of timber and firewood excluding felling.

1. Timber available from tree of 76 cm to 125 cm girth class = 0.642m³

No. of axemen required for felling of 15 such trees = 1 axeman

Felling charges of such tree = Rate of one axeman divided by 15 = (a)

Felling conversion and classification of such a tree of 0.642m³ as per M.W rate or the prevailing rates = 0.642x average of MW = (b)

Hence conversion, classification of such a tree excluding felling = 0.642x average of M.W (-) Rate of Axeman divided by 15

$$(b) - (a) = (c)$$

Hence conversion, classification etc. of 1m³ timber excluding felling = $\frac{(c)}{0.642} = (d)$

Example at the rate sanctioned in GO(Rt) 1081/88/LBR in ordinary area.

Felling charges of a tree = $\frac{20}{15} = 1.33$

Felling conversion, classification of 0.642m³ as per M.W. = $\frac{20 \times 10}{15} = 15 \times 0.642 = 9.63$

Conversion classification excluding felling = $9.63 - 1.33 = 8.30$

Therefore 1m³ = $\frac{8.30}{0.642} = 12.92$

2. Timber available from 4 trees of 122-245cm (NR's volume table) (Average: 185cm)

1.503 timber + 1.554 firewood = $3.057 \times 4 = 12.228$

One axeman is required to fell such 4 trees.

Therefore felling charges of 1m³ in ordinary area = $\frac{\text{Rate of axeman}}{12.228}$

$$= \frac{20.00}{12.228} = 1.63$$

Therefore felling charges of one tonne or 2 m³ = $1.63 \times 2 = 3.26$

Felling, billeting and stacking 1 MT or 2 cm firewood as per FSR 16(a) or 16(b) = $\frac{\text{Rate of one axeman} \times 70.63}{81}$

$$= \frac{20.00 \times 70.63}{81} = 17.44$$

Billeting and stacking firewood excluding felling charges in ordinary area = $17.44 - 3.26 = 14.18$

91. GO(MS)361/84/AD dated 11.12.1984

Stacking charges of timber is fixed as Rs.5.28 per m³ treating the hire charges as Rs.300/- per a day. (In GO(Ms) 240/78 and GO(Ms)184/79 the hire charges was fixed as Rs.100/- and 200/- respectively. This 200 was enhanced by 50% as per G.O. 393/80, i.e. to say the hire charges is fixed as Rs.300/- per day and hence the rate for dragging 1m³ for 200m is fixed as Rs.24.75. This has subsequently raised by 40% as per g.) 113/86. Hence hire charges 420 per day 34.65/m³/200m.

92. GO(RI)759/85/AD dated 19.3.1985.

The hire charges of department elephants fixed.

First class	Rs.200	IIInd class-	Rs.150
IIIrd class-	Rs.100	IVth class-	Rs.80

93. No.P3-36670/74 dated 12-04-1974

Duration of Working Hours.

1 hour external for ordinary mazdoors and 2 hour external is allowable of Axemen

-do-

VDA is allowable for piece rated workers also.

94. No. P3-36690/73 dated 10-09-1974

Items 14 a, b, c on the old schedule of rate are carried by the items following and preparation of hardwood or softwood in the minimum wage notification.

95. No. 21-414/73 dated 26-09-1974

Proposal on engaging elephants to turn logs for dressing approved. 2¹/₂ times of the rate allowed for hardwood timber is allowed for desapiry Anjily and Rosewood.

96. No. P3-30616/87 dated 01-12-1987

2¹/₃ of rate under item 134 above can be applied for Manwage.

97. No. VE4-2667/86 dated 17-05-1988

Application of manwage and soil working should not be charged together since manwage work involve serajing and soilworking.

98. -do-

Stock assessment should be done before proposing manwage.

99. No. VE1-1906/88 dated 27-05-1988

Trees to cleared at loranthus must be numbered systematically.

100. No. VE-729/95 dated 10-02-1995

Cost of road construction should be limited to 10% of estimated cost.

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APPENDIX—IV

(Ref: Para 30)

**'THE SCHEDULE OF RATES FOR FOREST WORKS,
TOGETHER WITH UP-TO-DATE GOVERNMENT
ORDERS AMENDING THE 'SCHEDULE'.**

GOVERNMENT OF KERALA

Abstract

Forests—Schedule of Rates for Forest works—Approved

AGRICULTURE (FOREST) DEPARTMENT

G.O. Rt. No. 1931/63/Agri.

Dated, Trivandrum, 8th July 1963.

Read:— Correspondence ending with letters No. C2-4310/59 dated 28-2-1963 and 27-5-1963 from the Chief Conservator of Forests.

ORDER

The consolidated schedule of rates forwarded by the Chief Conservator of Forests is approved with the correction reported in his letter dated 27-5-1963 against item 13 (c) in the list. The revision of rates requested for is also sanctioned as given below:—

Man Mazdoor	Rs. 2.50 per day
Skilled Mazdoor	3.50 "
Woman Mazdoor	2.00 "
Axeman	3.50 "
Carpenter	4.50 "

2. Modifications of the rates now sanctioned or additions to the list should be reported to Government for approval. The statement under Note III to the list that the Chief Conservator of Forests will have powers to revise the labour rates from time to time according to necessity is therefor deleted.

3. This schedule would be made applicable to the whole State and it would also take effect from 1-4-1961.

4. The Chief Conservator of Forests is requested to arrange for printing the required number of copies of the Schedule. Two copies each of the schedule should be forwarded to the accountant General and to Government in the Finance Department and ten copies to the Administrative Secretariat (Agriculture Department)

By order of the Governor,
K. C. SANKARANARAYANAN,

DATA SHEET AND SCHEDULE OF RATES FOR FOREST WORKS IN KERALA STATE

a.	Data		Schedule of rates		
	Description of work	Labour	Unit	Rs. P.	Unit
	(2)	(3)	(4)	(5)	(6)
I. Survey and Demarcation					
	Clearing boundary line to a width of 5' to facilitate survey <i>12.50/km.</i>	5 Man Mazdoor	Mile	10.00	Mile <i>12.50/km.</i>
	Survey with prismatic compass (out-turn per day 3/4 Mile) <i>to out</i>	Do.	"	10.00	" <i>1:25</i>
	Do. when lascaras are used <i>(to out 7.50/km.)</i>	3 do.	"	6.00	" <i>7.50</i>
	Surveying with theodolite (out-turn per day 1/2 Mile)	6 do.	1/2 Mile	24.00	"
	Refixing and verification work with theodolite (out-turn per day 1/2 mile)	6 do.	1/2 "	24.00	"
	Aligning forest road with ghat tracer for preliminary alignment	5 do.	Mile	10.00	"
	Do. do. for final alignment	10 do.	"	20.00	"
	Widening the surveyed boundary to a width of 18" for outer boundaries of reserves and uprooting of all growth	10' to 20" depending upon the nature of growth to be cleared	"	20.00	"
	Erecting permanent cairns of size 4' x 4' at bottom 2' x 2' at top and 4' high with collected rubble and necessary tarred jungle-wood post of 6" x 9" in diameter, in the centre, chisting, numbering etc. complete	1 Man mazdoor 1 skilled Labour	Cairn	5.00	Cairn

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Providing theodolite granite stones of 3' 0" x 0' 9" with a plummet hole 3/4" deep on the top and a shank mark 1/2" deep on one of the sides

Do. 2" x 6" x 6" in high ranges

Providing ordinary survey stones of 3' x 0.9" x 0.9" with a shank mark 1/2" deep on one of the sides

Providing rock marks where rocks are available at stations by benching rock 6" x 6" and cutting plummet hole 3/4" deep and shank mark 1/2" deep

Widening surveyed coupe lines to 10' wide and putting station pegs *12.50/lam.*

Collection of Junglewood posts 12" 10" 15" on girth 4' length and transporting to site.

Felling and putting them at stump site. Transport to site and putting them at surveyed stations and forming earthen crains

Constructing cairns 2' x 2' at bottom, 1' x 1' at the top and 2' high including collection of stone

II. Timber working

Marking at breast height and at base including chistle numbering, tarring etc., complete in selection felling coupes

Do. complete in clear felling coupes (in the case of conversion coupes where trees are marked for depot delivery)

Note: If no tarring is to be done Re. 1 per 100 trees must be deducted both for 13 (a) & 13 (b).

Survey Departmental rates to be adopted	0.50	Each
Local rate do.	0.75	"
Survey Departmental rates to be adopted do.		
5 Man Mazdoors	10.00	Mile
8 Men	16.00	100 Nos.
6 "	12.00	do.
1 Man Mazdoor	2.00	Cairn
6 Man Mazdoor	12.00	100 Trees
4 1/2 do.	9.00	" "

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(1)	(2)	(3)	(4)	(5)	(6)
(c)	Marking at breast height and at base including chistle numbering, tarring etc., in clear felling Plantation	1/2 Man mazdoor	100 trees	6.00	100 trees
(d)	Climber cutting in selection felling coupes	3 do.	per acre	1.00	per acre
(e)	Enumeration of miscellaneous trees down to 30" at breast height with one blaze at breast height (9" x 9") and chistle numbering in clear felling coupes	3 do.	100 trees	6.00	100 trees
14(a)	Felling conversion, classification including dressing in drag-holding wherever necessary and chistle numbering for hardwoods	6-18 Axemen } +10 1/2 skilled mazdoor	100 Cft.	6.62 + 10 } 10.50	100 Cft.
(b)	Do. do. including dressing for softwood	5-10 3/4 the above	do.	7.87	do.
(c)	Felling, conversion, classification including dressing in, drag-holding wherever necessary and chistle numbering for Rosewood, Ayini, Jack etc., where removal of sapwood is to be done	8 Axemen } 2 men mazdoors	do.	28.00	do.
(d)	1. Felling trees 30" to 48" girth 2. Do. 40" to 100" 3. Do. over 100" 4. Do. 20" x 29" girth	1 Axeman } do. do. do.	15 trees 4 " Tree 30 Trees Set	0.20 0.75 3.00 0.10 10.00	tree " " " Set
(e)	Collection of spokes & feloes	5 men mazdoors			
15	Enumeration (blazing at breast height and pencil numbering) in selection felling coupes	2 do.	100 trees	4.00	100 trees
(b)	Do. do. in clear felling coupes and strips of sample plot	1 1/2 men mazdoors	do.	3.00	do.

2-00
6-12
7-36
1-83

III. Collection of Fuel, Bamboo, Reeds etc.

Felling, billeting and stacking at site, fuel in selection felling area	1 Axeman	6.50	Per ton of 81 stacked Cft.	3.00	Ton
Do. do. clearfelling area	do.		do.	3.00	"
Do. transport by head load over one chain upto 1 furlong (for every additional furlong 2/3 of the above)	1 Man, mazdoor	7.00/10.00/15.00	Ton	2.00	"
Cross cutting with saw timber log 4' and over in girth	1/6 skilled man mazdoor		Cut.	0.50	Cut.
Loading firewood in lorries	1 Man mazdoor		Ton	2.00	Ton
Unloading firewood and stacking	do.		do.	2.00	"
Felling and collection of reeds	10 do.		1000 Nos.	2.00	1000
Felling and collection of bamboos including bottom	25 men mazdoor		100 bamboos	50.00	100 bamboos
Do. top bamboos	12 do.		do.	24.00	do.
Do. of bottom bamboos	15 do.		do.	30.00	do.
Collection of thatching grass	3 Men mazdoors		Per Cart Load of 20 head loads	0.30	Head load
Collection of big bees honey	3/4 do.		Edangazhi	1.50	Edangazhi
Do. small bees honey	1 1/2 do.		do.	3.00	do.
Do. Kulavu oil	1 1/4 do.		Gallon	2.50	Gallon
Do. Cardamom	3/4 do.		lbs.	1.50	lbs.
Do. Bees wax	1/2 do.		do.	1.00	do.
Do. rattans 12' length	1 1/2 do.		100 Nos.	3.00	100 Nos.

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Axeman 6.50

W.S. / 10/11/12

74

1.25 da =
1.36 383

stacking & unloading 8 skilled men 6.50. 731-812

(2)	(3)	(4)	(5)	(6)
IV. Collection of different varieties of seeds				
Collection of seeds in normal seed year				
Do.	Teak	6 Men	100 lbs.	12.00 100 lbs.
Do.	Vengai	mazdoors		
Do.	Angily	7 1/2 do.	100 do.	15.00 do.
Do.	Thembavoo	9 do.	do.	18.00 do.
Do.	Hopea	2 1/2 do.	do.	5.00 do.
Do.	Maruthi	7 1/2 do.	do.	15.00 do.
Do.	Venteak	2 1/2 do.	do.	5.00 do.
Do.	Mahogany	7 1/2 do.	do.	15.00 do.
Do.	Irul	12 1/2 do.	do.	25.00 do.
Do.	Resewood	50 do.	do.	100.00 do.
Do.	Vateria Indica	50 do.	do.	100.00 do.
Do.	Mango	2 1/2 do.	do.	5.00 do.
Do.	Bombaz Malabaricum	2 1/2 do.	do.	5.00 do.
Do.	Evodia roxburghiana (Kanala)	62 1/2 do.	do.	125.00 do.
Do.	Ailanthus Malabaricum & Ailanthus excelsa	do. do.	do.	do. do.
Do.	Evodia, Mahogany bamboos and other natural seedlings	150 do.	do.	300.00 do.
Do.	Rauwolfia serpentina seedlings	3 do.	1000 Nos.	6.00 1000 Nos.
Do.	Bamboo rhysomes	5 do.	100	10.00 100
Do.	Bamboo seedlings 2 to 3 years old with 3/4" to 1" stock with boll of earth	3 do.	do.	6.00 do.
		4 do.	do.	8.00 do.
Do.	Kulamavu Seeds	25 do.	100 lbs.	50.00 100 lbs.
Do.	Pala (Alstomia)	50 do.	do.	100.00 do.
Do.	Rauwolfia seeds	17 1/2 do.	lbs.	35.00 Lbs.
Do.	Paper mulbery	5 do.	do.	10.00 do.

(1)	(2)	(3)	(4)	(5)	(6)
55 (a)	Early burning grass area	1 Man mazdoor	100 acres	2.00	100 acres
(b)	Fire tracing wooden culverts and bridges	1 do.	5 Nos.	0.40	Each
56	Cutting internal boundaries of Plantations 12' wide	7 1/2 do.	Mile	15.00	Mile
57	Clearing around buildings & colonies	4 do.	per acre	8.00	per acre
58	Clearing foot path and bridge path	6 do.	per mile	12.00	per mile
VI. Boat work					
59	Scooping out logs in the shape of a boat by axemen in Anjily or jack	1 1/2 Special axemen	per vannam	4.50	per vannam
60	Carpentry work such as neatly fashioning into a boat and providing padies, oars etc.	1 1/2 Carpenters	do.	4.50	do.
61	Extra to items 59 & 60 for boat in Kambagam	(25% extra)	do.	5.62	do.
62	Fish oiling the boat	1 1/2 men mazdoor	do.	1.00	do.
VII. Other works					
63	Erecting temporary shed with junglewood posts, bamboos, reeds etc., clearing & levelling site, scraping and thatching with grass etc.	10 men mazdoors	100 Sft.	20.00	100 Sft.
64	Clearing Jungle growth on either side of the road (6' on the upper and 3' on the lower sides) once in a year	8 man mazdoors	per mile	16.00	per mile
65	Do. do. twice in the year	12 do.	do.	24.00	do.
66	Repairing the road surface by clearing, filling up ruts, sectioning and forming repairing side drains etc., complete during the year (once)	25 do.	do.	50.00	do.

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66 (a)	Cutting and resowing windfallen trees from road: 31" to 48" 49" to 72" over 72"	1/2 Axeman 1 do. 1 1/2 do.	per tree do. do.	1.50 3.00 4.50	per tree do. do.
<p>Note:—If the windfallen are useful and are to be converted as timber logs the above expenditure should not be incurred, but the expenditure should be incurred as per conversion rate.</p>					
66 (b)	1. Cutting and removing bamboo clumps upto 6' circumference 2. Do. do. 6' to 12' 3. Do. do. above 12'	1 Man Mazdoor 2 do. 3 do. 4 do.	per clump do. do. Mile	2.00 4.00 8.00 8.00	per clump do. do. 'Mile
67	Special clearing of side drains				
67 (a)	Clearing vents of culverts, bridges and irish drains				
68	Providing sign boards in Plantation (2' x 1' x 1" size) excluding cost of timber	3/8 do. 1 skilled labour do.	Each per Board per 6 board	0.75 3.00 0.50	Each per Board do.
68 (a)	Do. Plantation Boards 9" x 4 1/2 x 1" excluding cost of timber				
69 (a)	Girdling trees below 60" girth	15 Man Mazdoors 25 do. 2 do.	per 100 trees do. do.	30.00 50.00 4.00	100 trees do. do.
(b)	Do. do. 60" and above				
(c)	Poisoning trees after girdling (labour only)				
70 (a)	Conversion and classification of teak poles I Class	1 axeman 7/8 man mazdoor 1 axeman 2 1/32 man mazdoor	12 poles, pole 16 poles per pole 24 poles per pole	0.25 1.75 0.19 1.31 0.12 0.87	per pole do. do. do. do. do.
(b)	Haulage upto 2 furlongs				
71 (a)	Conversion and classification of II Class Poles				
(b)	Haulage upto 2 furlongs				
72 (a)	Conversion and classification of III Class				
(b)	Haulage upto 2 furlongs				

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(1)	(2)	(3)	(4)	(5)	(6)
73	(a) Conversion and classification of IV Class Poles upto 2 furlongs	1 axeman 3/20 man mazdoor	30 poles per pole	0.10 0.30	per pole do.
74	(a) Conversion and classification of V class chisting either No. or class	1 axeman 3/40 man mazdoor	60 poles per pole	0.05 0.15	per pole do.
	(c) Collection of Kappukals	1/40 do.	do.	0.05	do.
	(d) Haulage of do.	1/40 do.	do.	0.05	do.
<p>Note:—Items 70 to 74 (For haulage over 2 furlongs 25% of the rate may be added every additional furlongs)</p>					
75	Dibbling seeds of any species at 6' apart in crow-bar holes	2 1/2 man mazdoor	per acre	5.00	per acre
76	(a) Planting seedlings of any species	2 man 1 woman	100 plants	3.00	100 plants
	(b) 1. Pitting in ordinary soil	2 man mazdoor	100 Cft.	4.00	100 Cft.
	2. Do. in hard soil	3 do.	do.	6.00	do.
	(c) Pit planting cocoanut seedlings	3 1/2 do.	100 Nos.	7.00	100 Nos.
	(d) Opening the base of the cocoanut palm to a radius of 4' and heaping the soil along the periphery	1 do.	Per 15 trees	13.35	per 100 trees
	(e) Opening the base of young cocoanut plant and covering with earth after manuring	5 do.	Per 100 plants	10.00	per 100 plants
	(f) Ploughing the ground one round in cocoanut top	2 1/2 do. 1.50 hire for bills	per acre	6.50	per acre
77	Basketing, dibbling seeds or planting seedlings after filling the baskets with the required soil, and manure etc.	2 man Mazdoors	100 plants	4.00	100 plants

77a	Cost of bamboo and basket 4" x 9" supply at nursery site.	New item			per 100 Nos.
b.	Do. 4" x 6"	do.			do.
78	Clearing climber cutting, stubbing out unwanted species from coppice coupe	5 man mazdoor			per Acre
79	Clearing strip lines (10' wide & 66') apart in strip regeneration coupe	2 do.			do.
80	Planting seedlings or dibbling seeds of any species 6' apart in strip lines with necessary stakes (66' apart strip lines)	4 do.			do.
VIII. Nurseries with Standard beds					
81	Formation of standard nursery beds of 40' x 4' x 1' including clearing site by cutting down all miscellaneous growth, excavating soil 1 1/2' deep, collection of pegs and bamboos thatties or reeds or other materials for side of beds	5 do.			per bed
81a	Weeding beds, clear of all weeds as and when necessary	1/2 do.			do.
82	Sowing seeds covering straw or dhyllanthus empfica and removing the cover after germination	1/2 man Mazdoor			per bed
83	Fencing including collection of materials, planting posts 6' apart with 4 rows of bamboo reepers	4 do.			100 Rft.
a.	Do. do. and covering with reed or brush-wood or thorns	4 do.			do.
84	Providing shade pandal for nursery bed excluding seignorage of materials	1 do.			per bed
85	Providing platforms for keeping plot and basket plants	2 do.			do.

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(1)	(2)	(3)	(4)	(5)	(6)
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IX. Regeneration

86	Survey and lay out of 5 acre of plots after burning	1/10	Mazdoor per acre	0.20	per acre
87	Collection of 2' bamboos, reed or woodend stakes for aligning and staking	2	1000 stakes	4.00	1000 stakes
88	(a) Transport of stakes beyond 2 furlongs	1/2	1000 Nos.	1.00	100 Nos. (1000000000)
	(a) Aligning and staking 8 1/2' x 8 x 1 1/2'	2 1/4	per acre	5.00	per acre
	(b) Do. 6' x 6'	4	do.	8.00	do.
	(c) Do. 11' x 11' & 20' x 11'	2	do.	4.00	do.
	(d) Do. 30' x 30' or 22' x 22'	1 1/2	do.	3.00	do.
	(e) Do. 18' x 18' or 17' x 17'	1 3/4	do.	3.50	do.
(f)	Transport in headloads of tube or basket plants from nursery site to planting site up to 2 furlongs	1/2	100 plants	1.00	100 plants
(g)	Do. 2 to 4 furlongs	1	do.	2.00	do.
(h)	Do. for every additional 2 furlongs	1/4	extra do.	0.50	do.
89	(a) Uprooting teak seedlings from nursery and preparing stumps	2	1000 Nos.	4.00	1000 Nos.
	(a) 1. Do. bombax seedlings 1 year old	2	do.	4.00	do.
	2. Do. do. 2 years old	3	do.	6.00	do.
(b)	3. Other seedlings	1 1/2	do.	3.00	do.
	Transport of stumps from nursery to planting area upto 1/2 mile lead	1/2	1000 stumps	1.00	1000 stumps
	Do. 1/2 to 1 mile	3/4	do.	1.50	do.
	Do. Seedlings upto 1/2 mile	3/4	do.	1.50	do.
	Do. 1/2 to 1 mile	1	do.	2.00	do.
	Do. in headloads of tube or basket plants from nursery site to planting site upto 2 furlongs	1/2	do.	1.00	do.

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90	(g)	Do. 2 to 4 furlongs.	1 do.	do.	2.00	do.
	(h)	Do. for every additional 2 furlongs	1/4 do.	extra do.	0.50	do.
	(a)	Planting stumps for seedlings in crowbar holes 8 1/2' x 8 1/2'.	2 1/2 man mazdoor	1000 Nos.	5.00	1000 stumps
	(b)	Do. do. 6' x 6'	2 do.	1000 stumps	4.00	do.
	(c)	Softwood planting in crowbar holes 11' x 11'	3 1/2 do.	do.	7.00	do.
	(d)	Do. do. 22' x 11'	4 do.	do.	8.00	do.
	(e)	Underplanting species like Mahogany etc., by cutting lines 3' in diameter 33' apart and planting 33' apart in lines	2 do.	per acre	4.00	per acre
	(f)	Forming mounds and planting seedlings for owing seed	3 do.	per 100 mounts	6.00	100 mounts
91	(a)	Replacing casulaites—Teak	1/4 do.	per acre	0.50	per acre
	(b)	Do. softwood	1/2 do.	do.	1.00	do.
92		First year—First weeding in (May-June) mamatty weeding entire area	12 do.	do.	24.00	do.
93		First year—Second weeding (August-September) clear knife weeding including uprooting lanterns, bamboos etc.	6 man mazdoor	per acre	12.00	per acre
94		First year—Third weeding (December-January) as above and scraping 1' around all plants about 2' and soil working around plants below 2' and mulching for all plants	4 do.	do.	8.00	do.
<p>Note:—The above works are necessary if there is no Ponam cultivation where there is Ponam cultivation only item 94 is to be done by the Department.</p>						
94	(a)	Cutting back double leaders and pruning in the 1st and second year	1 man mazdoor	per acre	2.00	per acre
	(b)	Additional weeding when found necessary	2 do.	do.	4.00	do.
95		Contingencies for ropes			0.50	do.

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(1)	(2)	(3)	(4)	(5)	(6)
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Second year weeding

		4 man mazdoor	per acre		per acre
96	First weeding (in May-June) clear knife weeding and uprooting bamboo, lantena etc.			8.00	
97	Second weeding (August-September) as above	3	do.	6.00	do.
98	Third weeding (December-January) knife weeding in line 2' on either side of the plant	2	do.	4.00	do.
	(a) Additional weeding when found necessary	1 1/2	do.	3.00	do.

Third year weeding

99	First weeding in (May-June) clear knife weeding with uprootal of lantena, bamboo, etc.	4	do.	8.00	do.
100	Second weeding (November-December) line weeding 2' on either side	1 1/2	do.	3.00	do.
	(a) Knife weeding eupetorium area after third year				
	(1) heavy weed growth	10	do.	20.00	do.
	(2) moderate do.	7 1/2	do.	15.00	do.
	(3) light do.	5	do.	10.00	do.

Notes:—This weeding is to be done in October, November or before the Eupetorium flowers.

		1 man	per acre		per acre
100	(b) Additional weeding when found necessary	1	do.	2.00	do.
	(1) Special tending of plantation of over 3 years with heavy bamboo growth	6	do.	12.00	do.
	(2) Do. do. miscellaneous growth	4	do.	8.00	do.

101	(c) Knife weeding—3 weedings to be done during the month of July-December	3	do.	100 Nos.	6.00	100 Nos.
	First mechanical thinning in 6' x 6' plantation including preliminary clearing	4	do.	per acre	8.00	per acre
102	Second mechanical thinning in 6' x 6' or first mechanical thinning in 8 1/2' x 8 1/2' or 6' x 6' including preliminary clearing	2	do.		10.00	do.
	(a) Tending by way of clearing, climber cutting in the 5th year in plantation of 8 1/2' x 8 1/2' or 66' but not taken up for the first thinnings	3	man	do.	6.00	do.
	(b) Coppicing elephant damaged teak Plants	2	do.	100 plants	4.00	100 plants
103	First Silvicultural thinning including clearing growth to facilitate marking	3	Man mazdoor	per acre	12.00	per acre
104	Second silvicultural thinning	2	axemen	100 poles		felled
		3	do.	per acre		
		2	man			
			mazdoor			
105	Third silvicultural thinning	2	man	Per acre		
			mazdoor	100 trees		
	(a) Marking for thinning in places when there are no plantation watchers	10	axemen	felled	0.50	per acre
		1/4	man	per acre		
			mazdoor			
106	Final thinning—rates for marking trees and felling trees as per items noted already to be adopted					
107	Slash felling (a) Predominantly bamboo area (b) ordinary area	20	do.	do.	40.00	do.
		10	do.	do.	20.00	do.
108	Clearing safety lines 12' wide including scraping two guide lines of 4' wide on either side keeping the whole stack in the middle and burning	22	1/2 do.	per mile	45.00	per mile

(1)	(2)	(3)	(4)	(5)	(6)
109	First burning	1/2 man mazdoor	per acre	1.00	per acre
110	Heaping and burning:				
	(a) where elephant power is used in heaping etc.	6 do.	do.	12.00	do.
	(b) Do. is not available	12 do.	do.	24.00	do.
111	(a) Scraping one foot radius around the plant	3 do.	per 100 ♂	6.00	1000 Nos.
	(b) Skinning grass to radius of 3' in ordinary grass area	15 do.	do.	30.00	do.
	(c) Do. 3' in heavy grass area	22 1/2 do.	do.	45.00	do.
	(d) Skinning entire surface in heavy grass area	24 do.	per acre	48.00	per acre
	(e) Do. in ordinary grass area	15 do.	do.	30.00	do.
112	Cutting bamboos, preparing tubes with one node centre split and tied with fibre	15 do.	1000 Nos.	30.00	1000 Nos.
113	Drying earth, filling in tubes & sowing 3 to 4 seeds in each tube after seaking the same for 12 to 24 hours	15 do.	do.	30.00	do.
114	Clearing heavy jungle growth without felling trees	8 do.	per acre	16.00	per acre
115	Clearing light jungle growth without felling trees	4 do.	do.	8.00	do.
116	Forming inspection paths 8' wide in regeneration area	12 1/2 do.	per mile	25.00	per mile
117	Soil working 3' diameter around the plants	10 do.	1000 Nos.	20.00	1000 Nos.
	(a) Do. do. in area with 30'x30' espacement in cashew plantations	20 do.	do.	40.00	do.

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118	(b) Soil working 8' diameter around plants in area with 18' x 18' espacement in cashew plantations	5	do.	100 plants	10.00	100 plants
119	Transport of seeds to nursery upto 1 mile	1/2	do.	per 15 lbs.	1.00	per 15 lbs.
119	Dibbling seeds covering bed with leaves and removing leaves	1/2	do.	per bed	1.00	per bed
120	Maintenance of teak nursery beds during 2nd year	1/2	do.	do.	1.00	do.
121	Digging pits 12' diameter at top and 9' diameter at bottom and 12' deep and removing the excavated earth to a place beyond 100 yards and filling the pit with 4 feet brushwood and 2' of grass or leaves etc., from bottom and covering the mounths of the pits with a layer of grass or leaves over bamboo splints or sticks laid at cross-wise so as to conceal its existence	30	do.	Rs. 60 per pit	60.00	per pit
	(a) Construction of pits—P.W.D. schedule of rates to be followed			6 Man	12.00	per pit
	(b) Padding pits with brushwood, grass etc. and covering and camouflaging			Mazdoor		
122	Repairs to old pits			Rs. 10	10.00	do.
123	Frost padding & covering old pits			Rs. 20	20.00	do.
124	Repadding and recovering			2 Man mazdoor	4.00	do.
125	Out-pitting and caging elephant including marching but excluding decoying charges I & II classes			Rs. 60	60.00	Each
126	Do. do. III & IV Classes			Rs. 50	50.00	do.
127	Do. do. V Class			Rs. 35	35.00	do.
128	Collection of fodder per bundle of 56 lbs. excluding transport			Rs. 0.50	0.50	per bundle of 56 lbs.

86

(1)	(2)	(3)	(4)	(5)	(6)
129	Construction of feeder road in selection, felling & clearfelling coupe	10 Man mazdoor.	per furlong	20.00	per furlong
130	Construction of drag paths in selection, felling & clearfelling coupe	1 do.	do.	2.00	do.
131	Sandalwood extraction (Vide item 143)
132	Cutting loranthus in silviculturally thinned plantations	1 1/2 do.	per acre	3.00	per acre
	(a) Loranthus cutting in. Plantation with heavy incidence	3 do.	do.	6.00	do.
133	Frost covering with broken leaves for seedlings below 1' in height	1 1/2 do.	100 plants	3.00	100 plants
134	Application of manure for plants	2 do.	do.	4.00	do.
135	Loading logs and poles in lorries	2 skilled man mazdoors	100 Cft.	6.00	100 Cft.
	<i>Note</i> —100 Cft. timber equivalent to: 12 I Class Poles, 24 II Class Poles, 40 III Class Poles, 90 IV Class Poles and 200 V class Poles.				
136	(a) Unloading logs and poles	1 man mazdoor	do.	2.00	do.
	<i>Note</i> :—(Same as above)				
	(b) Stacking poles	3/4 do.	do.	1.50	do.
	<i>Note</i> :—(Same as above)				
137	Stacking timber in Depot with hired elephants	1 Elephant at Rs. 80 per day	2000 Cft.	4.00	100 Cft.
138	Do. with manual labour	4 man mazdoor	100 Cft.	8.00	do.
139	(a) Dragging logs by elephants hired upto 1 furlong in ordinary area	1 Elephant at Rs. 20 per day	400 Cft.	0.20	per Cft.

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7.0 b + 139
D. 75

140 Do. for every additional furlong
 Do. in difficult areas upto 1 furlong
 Do. for every additional furlong
 (e) Hand dragging timber and sawn materials first two furlongs (for every additional furlong 25% extra)
 Presentation of logs for selection
 Loading in Railway waggons without crane hire

533 1/3 Cft. 0.15 per Cft or
 3/4 of the rate under item 139 (a)
 266 2/3 Cft. 0.30 per Cft. or
 1 1/2 times of the rate under item 139 (a)
 400 Cft. 0.20 per cft. or
 2/3 of the rate under item 139 (c)
 8 Cft. 0.25

50 Cft. of logs presented per ton
 5.00

141 Crane hire
 1 High skilled man mazdoor
 3 Tons

GOvt no 2856/69/AD dt 9-10-69 2 skilled mazdoor / cum
 GOvt 2337/26 dt 3.3.26
 Digging with hand tools wood trees
 2 skilled M. Mazdoor / tree
 Removals sapwood including boring etc 1 act 14/cent

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142 Rafting conditions differ from place to place and hence the Conservator of Forests to sanction rates for different localities

Sandalwood-Extraction

143 (a) Marking sandalwood trees
 (b) Uprooting of trees
 (c) Transport by head-loads to Forest sub depots to an average lead of 1 1/2 miles
 7" to 12"
 (d) Do. 13" to 18"
 (e) Do. 19" and above
 (f) Rough chipping and weighing the sandal-wood at Forest Sub Depot

2 man mazdoor 100 trees
 18 1/2 do. 100 do.
 4 do. do.
 8 do. do.
 16 do. do.
 1 3/4 do. quarter
 4.00 100 trees
 0.37 Tree
 0.08 do.
 0.16 do.
 0.32 do.
 3.50 quarter

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(1)	(2)	(3)	(4)	(5)	(6)
	(g) Transporting the rough cleaned sandalwood (including softwood) trees from Forest Sub Depots to Central Depot to average lead of 2 miles by head load	2 man mazdoor	Ton	40.00	Ton
	(h) Do. by cart	1 1/8 do.	do.	2.25	do.
	(i) Weighing and tree-forming etc., for inspection	6 do.	do.	0.15	Quarter
	(j) Transport of sandalwood by lorry	Local mileage	Quarter	2.25	do.
	(k) Final cleaning	1 1/8 man mazdoor	Quarter	2.25	do.
144	Transport of timber in lorries (a) Main road (b) Coupe road				
				* { 2.00 per mile for load of 3 tons 3.00 do.	
145	Transport of timber through country cart (a) Minimum rate for short trip (b) Rate for long trip above 4 miles	Rs. 3 per cart load Rs. 0.75 per mile			{ These are as per local rates. It is not possible to furnish data as is not also necessary
146	(a) Tar banding trees 2" in diameter below 48" in girth (b) Do. 48" to 59" (c) Do. 60" and above			1.75 } per 100 Nos, 2.25 } 4.00 } do, 3.00 } do.	
147	Final classification of logs	1 1/2 man mazdoor	100 logs		do.
148	(a) Watering nursery beds (teak and softwood) 3 men mazdoors for 100 beds per day (Water available within 1/2 furlong)	3 man mazdoor	100 beds	6.00	100 beds

for every additional 1/2 furlong lead 25% extra)

(b) Do.	Eucalyptus beds nursery (5 men mazdoors for 100 beds. The details given under item 148 (a) is applicable to item (b) also	5	do.	do.	10.00	beds
149	Stock mapping the Reserve Forest by perambulation	10	do.	1000	20.00	acres
150	Cutting base lines and strip lines in teak Plantation and fixing numbered pegs at every chain	1	do.	10	2.00	chains
151	Assisting in recording the height measurement of dominant trees in all square chains on both sides of the strip lines and also in the intermediate strips in the 5th, 15th, 25th, etc., and 10th, 20th, 30th etc., square chains.	1	do.	5	2.00	acres
152	Enumeration of trees in strips. 1 chain wide at every 10th chain the strip being laid out from a base line	1	man mazdoor	10	2.00	chains
(a)	Cutting and clearing strip lines each 3' wide mostly in evergreen forests	1	do.	100	2.00	trees
(b)	Enumeration of all trees and above 3' in girth at breast height within respective strips	1	do.	100	2.00	trees
153	Demarcating sample plots and enumeration of trees in easily accessible deciduous forests	1/4	do.	Acre	0.50	Acres
154 (a)	Climber cutting in plantations with ordinary growth of climber	1/2	do.	do.	1.00	do.

*These are as per local P.W.D. rates. It is not possible to furnish data and is also not necessary.

(1)	(2)	(3)	(4)	(5)	(6)
	(b) Climber cutting in plantations with heavy growth climber	1 1/2 man mazdoor	Acre	3.00	Acre
155 (a)	Ploughing 2 round with country plough	5 do. (rents for bulls 1/2 Rs. 3)	do.	13.00	do.
	(b) Repairing the bunds	1 man mazdoor	100 Rft.	2.00	100 Rft.
	(c) Collection and storing of river silt on canal and river bank	1 1/3 do. hire for boat Re. 0.43	Boat load	3.10	Boat load
	(d) Transport of river silt from canal and river bank and distributing to opened base of palm	1 man mazdoor	per palm	2.00	per palm
	(e) Purchase of wood ash	Market rate		0.37	per tin
	(f) Transport of wood ash by head load from manure shed to palms and applying by head load over a lead of 2 furlongs	1 1/2 man mazdoor	100 tins	3.00	100 tins
	(g) Watering cocoonut seedlings on alternate days at the rate of one tin each	49 do.	100 Seedlings for 45 days	98.00	100 seedlings for 45 days
	(h) Uprooting lanterna and other weeds in the top	3 man mazdoor	Acre	6.00	Acre
156	Line weeding in plantations where the espacement is 6' x 6'	3 do.	do.	6.00	do.

91

Thinning Cashew Plantation

157 (a)	Marking for thinning as well as tending and climber cutting to the retained trees	1 do.	2 Acres	10.00	Acre
(b)	Thinning cashew trees	3 axemen	1 Acre		

158	(a) Uprooting of tree stumps—big stumps (over 100" stump girth)	5 man mazdoor	Tree	10.00	per tree
	(b) Do. medium stumps (48" to 100" stump girth)	3 do.	do.	6.00	do.
	(c) Do. small stumps 36" to 47" stump (girth)	1 1/2 do.	do.	3.00	do.
	Do. bamboo clumps (of average 20 clumps)	5 do.	Clump	10.00	per clump
159	Weeding Eucalyptus plantations	6 do. 1 woman mazdoor	Acre	13.50	Acre
160	(a) Construction of huts to the hill tribe ponamdars		one hut	5.00	hut
	(b) Reward for hill tribe tackledars for good work done in the tackled area (50 Acres)		Acre	2.00	Acre

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Note:—I. One man mazdoor is one ordinary plains mazdoor for seven hours work.

II. For works in special localities additional rates of 12 1/2% and 25% as defined in service regulations are to be followed.

The rates of labours allowed for preparing the schedule of rates are:—

1.	Man mazdoor	Rs. 2.00 per day
2.	Skilled mazdoor	Rs. 3.00 ..
3.	Woman mazdoor	Rs. 1.50 ..
4.	Axeman	Rs. 3.00 ..
5.	Carpenter	Rs. 3.00 ..

III. The data furnished in the schedule will only be revised if found necessary with prior approval of Government, while the Chief Conservator of Forests will have powers to revise the labour rates from time to time according to necessity.

APPENDIX—IV (Contd.)

Office of the Chief Conservator of Forests
Trivandrum, dated 26-8-1963

MEMORANDUM

Ref. No. C2-4310/59.*Sub.*—Forests—Schedule of rates for Forest Works.*Ref.*— 1. G.O. Rt. 1931/63/Agri. dated 8-7-1963.

2. This Office Endt. C2-4310/59 dated 13-7-1963.

1. In the above reference, the Schedule of rates as approved by the Government have been communicated.

2. Special attention of the subordinate officers is invited to the rates sanctioned in that G.O. But, rates for items may be varying in places. For example, for a man mazdoor, the daily wage may be quite different in Kallar or Kottayam town and remote areas like Parambikulam. Hence the subordinate officers are requested not to make full use of the G.O. in all respects but restrict the payment to the barest minimum necessary. In short, for a man mazdoor, if available at Rs. 1.50, only Rs. 1.50 need be paid and not the full amount sanctioned in this G.O. Rs. 2.50 per man mazdoor may be necessary only in towns like Kottayam, Trivandrum or Alwaye, and mostly we get labour for Rs. 2 per day. Care should be taken whenever Rs. 2.50 is allowed.

Receipt of this Memo should be acknowledged.

M. P. GEORGE,
Chief Conservator of Forests.

To

(Name)

Conservator of Forests.....

Divisional Forest Officer.....

Special Assistant Conservator of Forests

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**Copy of Government Order No. G.O. Rt. 2546 dated 13-10-1964 from the Joint Secretary,
Agriculture and Rural Development Department (Agriculture—Forest)
Trivandrum to the Chief Conservator of Forests**

Forest—Schedule of Rates for Forest works—approved—further orders issued.

- Read:—*
1. G.O. Rt. No. 1931/63/Agri. dated 8-7-1963.
 2. Letter No. C2—4310/59 dated 15-6-1964 and 5-7-1964 from the Chief Conservator of Forests.

In the Government order read above, Government approved the consolidated schedule of Rates for Forest works forwarded by the Chief Conservator of Forests. It was also required therein that the schedule of Rates was to be printed and certain numbers of the printed copies sent to the Accountant General and to the Government. The Chief Conservator of Forests now reports that the increased labour rates sanctioned in the Government order are required only for some localities and hence it is not desirable to print the schedule with the rates sanctioned in the Government order. He states that if it is found that the increased labour rates are necessary for works in a particular locality, the concerned Conservator of Forests can sanction the rates within the maximum allowed in the schedule. The suggestion of the Chief Conservator of Forests is approved.

The Chief Conservator of Forests has also proposed certain further additions and alterations in the schedule for approval as noted below. These are also approved.

Data sheet and schedule of rates for Forest works in Kerala State, Additional items.

(1)	(2)	(3)	(4)	(5)	(6)
40	(a) Collection of seeds in normal seed year Bamboos	15	M.M.	100 lbs.	30.00 100 lbs.
148	(c) Dipping basketed seedlings in insecticide solution	2	M.M.	1000 Nos.	4.00 1000 plants
	(d) Spraying or dusting the pits with insecticide	3	M.M.	1000 pits	6.00 1000 pits

(1)	(2)	(3)	(4)	(5)	(6)
159	(a) Clear knife weeding in heavy grassy area	7 M.M.	acres	14.00	per acre
	(b) Clear knife weeding in medium grassy area	5 M.M.	do.	10.00	do.
161	Labour charges for application of calcium ammonium nitrate to cocoanut trees	2 M.M.	100 palms	4.00	100 palms
162	Digging pits in sandy soil 3' x 3' x 3'	16 M.M.	100 pits	32.00	100 pits
163	Collection of green leaves transport to pits and applying @ 15 lbs. per pit and planting seedlings 7 1/2 M.M. }				
	(i) Collection and transport of 1500 lbs. green leaves and supply		100 seedlings	21.00	100 seedlings
	(ii) Applying leaf manure and planting coconut seedlings	3 M.M. }			
164	Labour charges for construction of fence around the tope using bamboos and Irul posts supplied	3 M.M.	100 Rft.	6.00	100 Rft.
165	Forming mounds around the cocoanut trees before north-east monsoon	3 M.M.	100 trees	6.00	100 trees
166	Spreading mounds after north-east monsoon	3 M.M.	100 trees	6.00	100 trees
167	Raising of green manure crop by sowing seeds in June in cocoanut tope etc.	1/3 M.M.	acre	0.66	per acre

APPENDIX IV—(Contd.)

GOVERNMENT OF KERALA

Abstract

Forests—Schedule of rate for works—Schedule of rate for desapping ebony logs—Fixed.

AGRICULTURE & RURAL DEVELOPMENT DEPARTMENT

(Agriculture—Forest)

G.O. Rt. 2431/65/Agri.

Dated, 25th November, 1967.

Read.—G.O. Rt. 1921/65/AD dated 8-7-1963.

Read again:—G.O. Rt. 1682/65/Agri. dated 13-8-1965.

ORDER

While recommending for sanction to take up the work of extraction and transport of certain ebony logs, the Chief Conservator of Forests has requested to fix schedule of rate for desapping ebony logs, giving the undermentioned data. He had also requested that this item might be included as item 14 (f) in the schedule already sanctioned in G.O. Rt. 1931/63/Agri. dated 8-7-1963. In the G.O. read as second paper above, it was stated that orders regarding fixing of schedule rate for desapping ebony logs would issue separately.

Government considered the matter in detail and fix the rate for desapping ebony logs as Rs. 35.00 per cubic metre. This item will be included as item No. 14 (f) in the schedule of rate sanctioned as per G.O. Rt. 1931/63/Agri. dated 8-7-1963.

Description of Work	Data		Rate	Schedule amount	
	Labour	Unit		Amount Rs.	Unit
Desapping ebony logs	10 axemen	1m ³	0.50 axemen	35.00	1m ³

By order of the Governor,
(Sd.)
Assistant Secretary.

To

The Chief Conservator of Forests.

3/584

APPENDIX—IV (Contd.)

Office of the Chief Conservator of Forests
Trivandrum, dated 4-12-1965

MEMORANDUM

C2-38449/65.

Sub:—Schedule of Rates for Forest works—Enhancement in rates—Special localities.

Ref:—No. 974/65-D from the Conservator of Forests, Kozhikode.

As per the sanctioned P.W.D. schedule of rate for 1965, 10% enhancement is allowable for hilly tracts in respect of transport of timber in lorries and carts. Hence Forest Department can also follow the same. All the Conservators of Forests and Divisional Forest Officers are therefore informed that they can claim 10% enhancement in respect of transport of timber in lorries and carts in hill tracts though these items are classified as “non manual works” in the Forest schedule of rate. This is in continuation of this Office No. K. Dis. 29425/65 (C2) dated 7/9-10-1965.

(Sd.)

For Chief Conservator of Forests.

To

All Conservators of Forests and Divisional Forest Officers.

APPENDIX IV—(Contd.)
GOVERNMENT OF KERALA
Abstract

FORESTS—SCHEDULE OF RATES FOR WORKS—ENHANCEMENT—ORDERED

AGRICULTURE & RURAL DEVELOPMENT DEPARTMENT
(Agriculture—Forest)

G.O. Rt. 734/66/Agri.

Dated, 19th March, 1966.

Read:—Letter No. D1-5525/66 dated 1-3-1966 from the Chief Conservator of Forsts.

ORDER

The Chief Conservator of Forests has reported that certain tracts of forest areas south of the Parambikulam river has not been declared as Class I or Class II, though the tracts lying south and north of this tract have been declared as Class I as defined in Appendix IX of Kerala Service Rules. The Chief Conservator of Forests states that because of this, it is difficult to get labour for forest works at the scheduled rates. He has, therefore, requested to sanction 25% enhancement for the schedule of labour employed in this tract and also to declare this tract as a Special Tract Class I.

2. Government have examined the question and pending declaration of the area as Class I tract, sanction is accorded for 25% increase over the schedule rates of wages provisionally, for the workers engaged for the works to be executed departmentally in the area. The Chief Conservator of Forests will take steps to demarcate the boundaries of the area clearly for the information of all concerned so that the enhanced rates may not be claimed for works which do not come within the area suggested to be declared as Class I tract.

3. Further orders regarding declaring the area as Class I tract will issue separately.

By order of the Governor,
T. R. SUKUMARAN NAIR,
Joint Secretary.

To

The Chief Conservator of Forests.

APPENDIX—IV (Contd.)
GOVERNMENT OF KERALA

Abstract

FOREST—SCHEDULE OF RATES FOR FOREST WORKS—RATE FIXED FOR
ADDITIONAL ITEMS

AGRICULTURE & RURAL DEVELOPMENT DEPARTMENT
(Agriculture—Forests)

G.O. Rt. 1701/66/Agri.

Dated, 11th July, 1966

Read:—Letters No. C2-39895/64 dated 18-10-1965 and 17-11-1965 from
Chief Conservator of Forests.

ORDER

The Chief Conservator of Forests has proposed schedule of rates for the undermentioned items of works and has requested that these items may be included as item Nos. 168 and 169 of the schedule already sanctioned.

2. Government accept the above proposal of the Chief Conservator of Forests and order accordingly.

Item No.	Description of work	Data		Schedule of rate	
		Labour	Unit	Rs.	Unit
168	Cutting of branches of the felled trees and unwanted species in dense evergreen forests, removing the same in headloads without damaging the advance growth and dumping it properly and systematically where there is no regeneration along the contour as far as possible	8 coolies	One Acre	16.00	Per acre
169	Collection of Vakka	1 skilled mazdoor	Per bundle (headload)	3.50	Per bundle (headload)

By order of the Governor,
M. K. BHASKARAN,
Assistant Secretary.

To

The Chief Conservator of Forests.

APPENDIX—IV (Contd.)

GOVERNMENT OF KERALA

Abstract

FORESTS—SCHEDULE OF RATES FOR FOREST WORKS—NEW ITEMS—THIRD YEAR MAMMOTTY WEEDING IN EUCALYPTUS PLANTATION—SANCTIONED

AGRICULTURE AND RURAL DEVELOPMENT DEPARTMENT

G.O. Rt. 1964/66/Agri. (Agriculture—Forest)

Dated, 9th August 1967.

Read:—Letter No. C2-39895/64 dated 19-7-1965 from the Chief Conservator of Forests forwarding copy of letter dated 14-6-1965.

ORDER

The Chief Conservator of Forests has reported that an experimental mammotty weeding to the third year eucalyptus plantation at Vallakadavu has been conducted by the Assistant Conservator of Forests, Grassland Division and that it is found very successful. There is no sanctioned schedule of rate for this item of work. On the test weeding it is found that an amount of Rs. 35 per acre is necessary for the work. The rate taken for man mazdoor for preparing the rate is Rs. 2. He has requested that schedule of rate for this item may be sanctioned. It is also stated that an additional 25% is also allowable for special locality. In the circumstances, schedule of rate for third year mammotty weeding as per particulars given below is sanctioned.

Item No.	Description of work	Date		Schedule of rate	
		Labour	Unit	Rs.	Unit
100(d)	Third Year Mammotty weeding to the Eucalyptus Plantations	14 Men	one acre	28.00	One acre

By order of the Governor,
M. K. BHASKARAN,
Assistant Secretary.

To
The Chief Conservator of Forests.

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APPENDIX—IV (Contd.)

GOVERNMENT OF KERALA

Abstract

FORESTS—SCHEDULE OF RATES FOR FOREST WORKS—RATE FOR
COLLECTION OF EUCALYPTUS SEEDS—ORDERED.

AGRICULTURE & RURAL DEVELOPMENT DEPARTMENT
(Agriculture—Forest)

G.O. Rt. 2965/66/Agri.

Dated, 26th December, 1966

Read:—Letter No. C2-39895/64 dated 25-11-1966 from the Chief Conservator of Forests.

ORDER

The Chief Conservator of Forests has after a test collection, proposed that schedule rate for collection of Eucalyptus seeds may be fixed as Rs. 20 per kilogram engaging 10 men mazdoors. The proposal of the Chief Conservator of Forests is accepted, and the rate fixed is noted below.

Item No.	Description of work	Date		Schedule of rate	
		Labour	Unit	Rs.	Unit
43(g)	Collection of Eucalyptus seeds	10 Men mazdoors	1 kilogram	20.00	Per kilogram

By order of the Governor,
M. K. BHASKARAN,
Assistant Secretary.

To
The Chief Conservator of Forests.

APPENDIX—IV (Contd.)

GOVERNMENT OF KERALA

Abstract

FOREST—SCHEDULE OF RATES FOR FOREST WORKS—ENHANCEMENT—
SANCTIONED

AGRICULTURE (FOREST) DEPARTMENT

G. O. Rt. 2901/67/Agri.

Dated, Trivandrum, 17th October, 1967.

Read again:—G.O. Rt. 1931/63/Agri. dated 8-7-1967.

Read also:—Letter No. C2-39895/64 dated 19-6-1967 from the Chief Conservator of Forests.

ORDER

In the schedule of rates for Forest works sanctioned as per the G.O. read above, the labour charges are as follows:—

Man Mazdoor	Rs. 2.50 per day
Woman Mazdoor	Rs. 2.00 "
Skilled Mazdoor	Rs. 3.50 "
Axe Man	Rs. 3.50 "
Carpenter	Rs. 4.50 "

The Chief Conservator of Forests has stated that it is impossible to get forest works done at these rates and has therefore recommended the under-mentioned rates:—

Man Mazdoor	Rs. 3.00 per day
Woman Mazdoor	Rs. 2.10 "
Timber Loading Mazdoor	Rs. 5.00 "
Axemen	Rs. 4.20 "
Carpenter	Rs. 4.80 "
Other skilled mazdoors for forestry works	Rs. 3.60 "

He has stated that the rate suggested for revision except for timber loading mazdoors are those prevalent in the P.W.D. He has also stated that the rates

adopted in the P.W.D. are subject to an enhancement of 15% for works in the Hilly areas and that for forest department work an increase of 25% and 12 1/2% for special localities (for class I and class II Hilly tract respectively as defined in the Kerala Service Rules) are allowable. He has therefore recommended the adoption of these increased rates for special localities, in respect of the revised rates also.

The revision of the rates proposed by the Chief Conservator of Forests is approved except the rate for timber loading mazdoors, about which separate orders will be issued.

The nature of work in hilly tract is alike in the P.W.D. and in the Forest Department and hence there is no meaning in fixing two different standards for works in special tracts. The percentage of increase allowable for works in special tracts in the P.W.D. need alone be allowed in the Forest Department. Government order accordingly.

By order of the Governor,
N. R. PRABHAKARAN,
Joint Secretary.

To

The Chief Conservator of Forests.

APPENDIX IV (Contd.)
GOVERNMENT OF KERALA

Abstract

FORESTS—APPLICATION OF PUBLIC WORKS DEPARTMENT RATES FOR LABOUR CHARGES FOR WORKS IN FOREST DEPARTMENT—REVISION—ORDERS ISSUED.

AGRICULTURE (FOREST) DEPARTMENT

G.O. Rt. 2663

Dated, 31st August 1970.

- Read:—
1. G.O. Rt. 2901/67/AD dated 17-10-1967.
 2. Letter No. C2-38045/69 dated 4-3-1970 from the Chief Conservator of Forests.

ORDER

For civil works including maintenance works in the Forest Department the public Works Department schedule of rates are made applicable. But for forest works, forest schedule of rate is being followed. The last revision of rates for forest works was ordered in the G.O. read above, for the following six categories of labourers:—

1. Man Mazdoor	Rs. 3	per day
2. Woman	Rs. 2.10	"
3. Timber loading	Rs. 5	"
4. Axeman	Rs. 4.20	"
5. Carpenter	Rs. 5.80	"
6. Other skilled mazdoors for Forestry works	Rs. 3.60	"

It was ordered that Public works Department schedule of rates will be followed for the above categories except for timber loading: Public Works Department schedule of rates have been revised with effect from 1-4-1969. But this has not been made applicable to forest works noted above. The Chief Conservator of Forests has in his letter read above explained the difficulties in not adopting Public Works Department rates. He has therefore suggested that sanction may be accorded to raise the labour rates in Forest Department for Forest Works to the level of rates sanctioned for Public Works Department as per the new schedule of rates. The above proposal is sanctioned. In hill areas the Public Works Department Schedule of rates provide an enhancement of 10%. This will be made applicable to Forest works also. The rates in Hilly areas is up to a maximum of 10%. The above rates will be given effect to from the date of this order.

To

The Chief Conservator of Forests.

3/584

By order of the Governor,

(Sd.)

Under Secretary.