

**Detail Project Report for the Extraction of Timber/Firewood form the marked trees
coming under the alignment of project titled "Sawalkot HE Project (1856 MW)
(Proposal No. FP/JK/HYD/150591/2021)**

Timber Extraction Chir (Pinus roxburghii) = 69 Nos. (Trees)

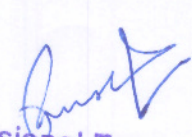
S. No.	Activity	St. Volume (In Cft)	Outturn (In Cft)	Normal Rate	Distance	Amount in ₹
1	Felling of Trees Tree	6769.50	-	₹ 3.82/ Cft	-	25859.49
2	Hand Sawing	-	3385	₹ 57.84/ Cft	-	195788.40
3	Handling charges	-	3385	₹ 0.62/ Cft/ Chain	5 chain	10493.50
4	H/L Carriage upto loading point	-	3385	₹ 0.62/ Cft/ Chain	150 chain	314805.00
5	Stacking	-	3385	₹ 0.88/ Cft	-	2978.80
6	Mechanical carriage (Loading site to SFC Depot Udhampur)	-	3385	₹ 0.22/ Cft/per Km	Upto 100 km	74470.00
7	Loading and unloading	-	3385	₹ 1.71/ Cft	-	5788.35
					Total (A) :	630183.54

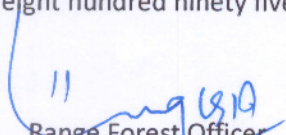
Firewood Extraction = 493 BL Trees & Lops/ Tops of Conifer

S. No.	Activity	Outturn (In Qtls.)	Normal Rate	Amount in ₹
1	Firewood Extraction	2790 Qtls. Approx.	₹ 119.66/ Qtls. (Extraction/ Loading/ Unloading)	333851.40
2	Mechanical Carriage upto Devika Firewood Depot Udhampur (100 Km Approx.)	800 Qtls. pprox.	₹ 1.90/ Qtls./ Km	152000.00
3.	Mechanical Carriage upto SFC Depot, Jammu (165 Km Approx.)	1990 Qtls. pprox.	₹ 1.90/ Qtls./ Km	623865.00
			Total (B) :	1109716.4
			G. Total (A) + (B) :	1739899.94
			Cost Escalation @5% of total cost :	86994.99
			G. Total :	18,26,894.93

(Say ₹ 18,26,895/-)

(Eighteen Lakh twenty six thousand eight hundred ninety five rupees only)


Divisional Forest Officer
Udhampur Forest Division
Udhampur


Range Forest Officer
Panchari Forest Range
Panchari

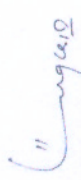
Abstract (Dia-class wise) of Enumeration list of trees/ saplings coming under the FRL of the proposed project titled "Sawalkot HE Project (1856 MW)" in Compartment no. 71/P

S. No.	LocalName	ScientificName	Dia Class																							
			0-10 cm		10-20		20-30		30-40		40-50		50-60		60-70		70-80		80-90		90-100		100-110		Total	
			No.	Cft	No.	Cft	No.	Cft	No.	Cft	No.	Cft	No.	Cft	No.	Cft	No.	Cft	No.	Cft	No.	Cft	No.	Cft	No.	Cft
1	Chir	Pinus roxburghii	18	-	4	18	7	31.5	3	51	14	560	15	1170	6	750	8	1376	6	1314	5	1235	1	264	87	6769.50
2	Fly	Acasia Modesta	-	-	-	-	-	-	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	4	0.00
3	Brankher	Adatoda verica	1500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1500	0.00
4	Katriad	Bauhinia variegata	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	0.00
5	Kharak	Celtis australis	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.00
6	Taali	Dalbergia sisso	175	-	68	-	73	-	30	-	15	-	9	-	-	-	3	-	-	-	-	-	-	-	373	0.00
7	Santha	Dodonaea viscosa	41600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41600	0.00
8	Trimbal	Ficus auriculata	2	-	1	-	2	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	8	0.00
9	Kamila	Mallotus philippensis	260	-	47	-	18	-	4	-	2	-	1	-	-	-	1	-	-	-	-	-	-	-	333	0.00
10	Champ	Michelia Champaka	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.00
11	Kau	Olea cuspidata	60	-	50	-	58	-	27	-	8	-	8	-	1	-	2	-	-	-	-	-	-	-	214	0.00
12	Khajoor	Phoenix sylvestris	3	-	-	-	7	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	0.00
13	Puna	Phytolacca dioica	-	-	1	-	3	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	7	0.00
14	Kakersinghi	Pistacia integerrima	10	-	2	-	4	-	7	-	2	-	1	-	1	-	-	-	-	-	-	-	-	-	27	0.00
15	Daruni	Punica grantum	20	-	2	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	0.00
16	Tunu	Toona ciliata	3	-	2	-	6	-	2	-	2	-	1	-	3	-	-	-	-	-	-	-	-	-	19	0.00
		Total :	43657	-	179	18	182	31.5	81	51	47	560	36	1170	11	750	14	1376	6	1314	5	1235	1	264	44219	6769.50

Note: 1980 Qtls. firewood approx. will be extracdted from broad leaved trees.

Certified that the enumeration of the trees/ sapling coming under the FRL of the Project titled "Sawalkot HE Project (1856 MW)" has been done jointly as per nishandai given by the user agency (NHPC Ltd.).


Divisional Forest Officer
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