

Title of the Project : Tundah-II Hydro-Electric Project (24MW)

SPECIES WISE & GIRTH CLASS WISE ENUMERATION LIST OF TREES

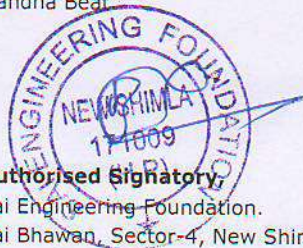
Name of Forest : D.P.F. Gowar.
Name of Beat : Mandha.
Name of Block : Banni.
Name of Forest Range : swai.
Name of Forest Division : Bharmour.

S. No.	Name of Component	Name of Species		Dia (In CMS.)	Volume (In CUM.)	Class	Remarks
		Local Name	Botanical Name				
1	2	3	4	5	6	7	8
1	Water Conductor System	Piak	Alnus nepoalensis	22-23	0.2406	IV	Green Standing
2		Kail	Pinus wallichiana	22-23	0.28	IV	Green Standing
3	De-Silting Tank	Piak	Alnus nepoalensis	16-18	0.03	V	Green Standing
4		Piak	Alnus nepoalensis	21-22	0.2406	IV	Green Standing
5		Piak	Alnus nepoalensis	21-23	0.2406	IV	Dry Standing
6		Piak	Alnus nepoalensis	24-26	0.2406	IV	Green Standing
7		Piak	Alnus nepoalensis	27-28	0.2406	IV	Green Standing
8		Piak	Alnus nepoalensis	16-16	0.03	V	Green Standing
9		Piak	Alnus nepoalensis	38-40	0.6795	III	Green Standing
10		Piak	Alnus nepoalensis	21-22	0.2406	IV	Green Standing
11		Piak	Alnus nepoalensis	29-30	0.2406	IV	Green Standing
12		Piak	Alnus nepoalensis	34-35	0.6795	III	Green Standing
13		Piak	Alnus nepoalensis	44-45	1.3449	IIA	Green Standing
14		Piak	Alnus nepoalensis	33-34	0.6795	III	Green Standing
15		Piak	Alnus nepoalensis	31-32	0.6795	III	Green Standing
16		Piak	Alnus nepoalensis	41-42	1.3449	IIA	Green Standing
17		Piak	Alnus nepoalensis	25-26	0.2406	IV	Green Standing
	TOTAL				7.6726		


Forest Guard,
Mandha Beat.


Block Forest Officer,
Banni Block.


Range Forest Officer,
Forest Range Swai.


Authorised Signatory,
Sai Engineering Foundation.
Sai Bhawan, Sector-4, New Shimla, (HP).


Divisional Forest Officer,
Bharmour Forest Division,
District Chamba, Himachal Pradesh.
Bharmour Forest Division
Bharmour (H.P.)

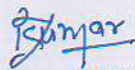
Title of the Project : Tundah-II Hydro-Electric Project (24MW)

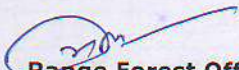
ABSTRACT OF TREES

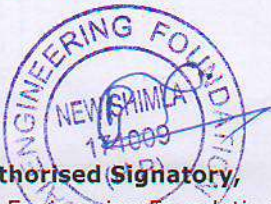
Name of Forest : D.P.F. Gowar.
 Name of Beat : Mandha.
 Name of Block : Banni.
 Name of Forest Range : swai.
 Name of Forest Division : Bharmour.

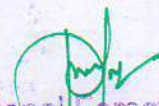
S. No.	Species		V	IV	III	IIA	IIB	IA	IB	IC	ID	Total
	Local Name	Botanical Name										
1	Piak	Alnus nepoalensis	2	8	4	2	-	-	-	-	-	16
		Volume	0.03	0.2406	0.6795	1.3449	-	-	-	-	-	-
		Total Volume	0.06	1.9248	2.718	2.6898	-	-	-	-	-	7.3926
2	Kail	Pinus wallichiana	-	1	-	-	-	-	-	-	-	1
		Volume	-	0.28	-	-	-	-	-	-	-	-
		Total Volume	-	0.28	-	-	-	-	-	-	-	0.2800
TOTAL		Nos.	2	9	4	2	-	-	-	-	-	17
		Volume	0.0600	2.2048	2.7180	2.6898	-	-	-	-	-	7.6726


 Forest Guard,
 Mandha Beat.


 Block Forest Officer,
 Banni Block.


 Range Forest Officer,
 Forest Range Swai.


 Authorised Signatory,
 Sai Engineering Foundation.
 Sai Bhawan, Sector-4, New Shimla, (HP).

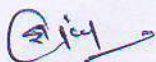

 Divisional Forest Officer,
 Bharmour Forest Division,
 District Chamba, Himachal Pradesh.
 Bharmour (H.P.)

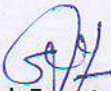
Title of the Project : Tundah-II Hydro-Electric Project (24MW)

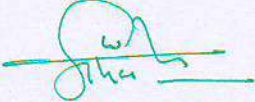
SPECIES WISE & GIRTH CLASS WISE ENUMERATION LIST OF TREES

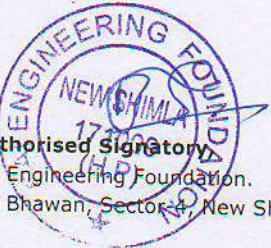
Name of Forest : D.P.F. Harchu.
 Name of Beat : Sirdi.
 Name of Block : Sandi.
 Name of Forest Range : Bharmour.
 Name of Forest Division : Bharmour.

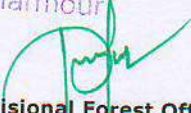
S. No.	Name of Component	Name of Species		Dia (In CMS.)	Volume (In CUM.)	Class	Remarks
		Local Name	Botanical Name				
1	2	3	4	5	6	7	8
1	Approach Road-II to Barrage Site	Kail	Pinus wallichiana	43-44	1.41	IIA	Green Standing
2		Kail	Pinus wallichiana	46-46	1.41	IIA	Green Standing
3		Kail	Pinus wallichiana	83-84	6.80	IC	Green Standing
4		Kail	Pinus wallichiana	23-24	0.28	IV	Green Standing
5		Kail	Pinus wallichiana	29-30	0.28	IV	Green Standing
6		Kail	Pinus wallichiana	29-30	0.28	IV	Green Standing
7		Kail	Pinus wallichiana	46-47	1.41	IIA	Green Standing
8	Diversion Barrage	Piak	Alnus nepoalensis	12-13	0.03	V	Green Standing
9		Piak	Alnus nepoalensis	19-20	0.03	V	Green Standing
10		Piak	Alnus nepoalensis	21-22	0.2406	IV	Green Standing
11		Piak	Alnus nepoalensis	41-42	1.3449	IIA	Green Standing
12		Piak	Alnus nepoalensis	13-14	0.03	V	Green Standing
13		Piak	Alnus nepoalensis	49-50	1.3449	IIA	Green Standing
14		Piak	Alnus nepoalensis	24-25	0.2406	IV	Green Standing
15		Piak	Alnus nepoalensis	15-16	0.03	V	Green Standing
16		Piak	Alnus nepoalensis	25-26	0.2406	IV	Green Standing
17		Piak	Alnus nepoalensis	36-37	0.6795	III	Green Standing
18		Piak	Alnus nepoalensis	61-62	3.1997	IA	Green Standing
	TOTAL				19.2808		


 Forest Guard,
 Sirdi Beat.


 Block Forest Officer,
 Sandi Block.


 Range Forest Officer,
 Bharmour Forest Range
 Bharmour


 Authorised Signatory,
 Sai Engineering Foundation.
 Sai Bhawan, Sector-4, New Shimla, (HP).


 Divisional Forest Officer,
 Bharmour Forest Division,
 District Chamba, Himachal Pradesh.
 Bharmour Forest Division
 Bharmour (H.P.)

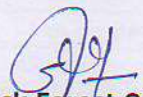
Title of the Project : Tundah-II Hydro-Electric Project (24MW)

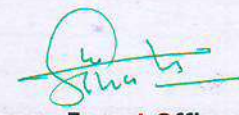
ABSTRACT OF TREES

Name of Forest : D.P.F. Harchhu.
 Name of Beat : Sirdi.
 Name of Block : Sandi.
 Name of Forest Range : Bharmour.
 Name of Forest Division : Bharmour.

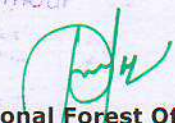
S. No.	Species		V	IV	III	IIA	IIB	IA	IB	IC	ID	Total
	Local Name	Botanical Name										
1	Kail	Pinus wallichiana	-	3	-	3	-	-	-	1	-	7
		Volume	-	0.28	-	1.41	-	-	-	6.80	-	-
		Total Volume	-	0.84	-	4.23	-	-	-	6.80	-	11.87
2	Piak	Alnus nepoalensis	4	3	1	2	-	1	-	-	-	11
		Volume	0.03	0.2406	0.6795	1.3449	-	3.1997	-	-	-	-
		Total Volume	0.12	0.7218	0.6795	2.6898	-	3.1997	-	-	-	7.4108
TOTAL		Nos.	4	6	1	5	-	1	-	1	-	18
		Volume	0.12	1.5618	0.6795	6.9198	-	3.1997	-	6.80	-	19.2808


 Forest Guard,
 Sirdi Beat.


 Block Forest Officer,
 Sandi Block.


 Range Forest Officer,
 Forest Range Bharmour.
 Bharmour Forest Range
 Bharmour

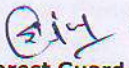

 Authorised Signatory,
 Sai Engineering Foundation.
 Sai Bhawan, Sector-4, New Shimla, (HP).


 Divisional Forest Officer,
 Bharmour Forest Division,
 District Chamba, Himachal Pradesh.
 Bharmour Forest Division
 Bharmour (H.P.)

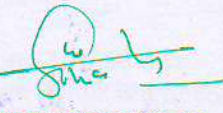
Title of the Project : Tundah-II Hydro-Electric Project (24MW)**SPECIES WISE & GIRTH CLASS WISE ENUMERATION LIST OF TREES**

Name of Forest : D.P.F. Kutasan.
 Name of Beat : Sirdi.
 Name of Block : Sandi.
 Name of Forest Range : Bharmour.
 Name of Forest Division : Bharmour.

S. No.	Name of Component	Name of Species		Dia (In CMS.)	Volume (In CUM.)	Class	Remarks
		Local Name	Botanical Name				
1	2	3	4	5	6	7	8
1	Approach Road-II to Barrage Site.	Kail	Pinus wallichiana	26-27	0.28	IV	Green Standing
2		Kail	Pinus wallichiana	19-20	0.22	V	Green Standing
3		Kail	Pinus wallichiana	23-24	0.28	IV	Green Standing
4		Kail	Pinus wallichiana	96-97	8.50	ID	Dry Standing
5		Liyor	Juniperus Indica	83-84	4.3890	IC	Green Standing
6		Chilgoza	Pinus gerardiana	46-47	1.3449	IIA	Green Standing
7		Liyor	Juniperus Indica	61-62	3.1997	IA	Green Standing
8		Liyor	Juniperus Indica	57-58	2.1377	IIB	Green Standing
	TOTAL				20.3513		


Forest Guard,
 Sirdi Beat.


Block Forest Officer,
 Sandi Block.


Range Forest Officer,
 Forest Range Bharmour.
 Bharmour Forest Range
 Bharmour


Authorised Signatory,
 Sai Engineering Foundation.
 Sai Bhawan, Sector-4, New Shimla, (HP).


Divisional Forest Officer,
 Bharmour Forest Division,
 District Chamba, Himachal Pradesh.
 Bharmour Forest Division
 Bharmour (H.P.)

Title of the Project : Tundah-II Hydro-Electric Project (24MW)

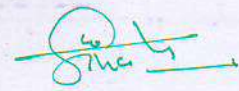
ABSTRACT OF TREES

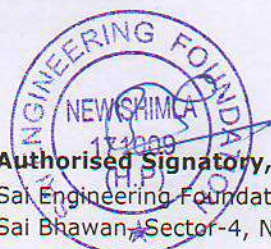
Name of Forest : D.P.F. Kutasan.
 Name of Beat : Sirdi.
 Name of Block : Sandi.
 Name of Forest Range : Bharmour.
 Name of Forest Division : Bharmour.

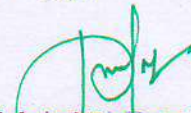
S. No.	Species		V	IV	III	IIA	IIB	IA	IB	IC	ID	Total
	Local Name	Botanical Name										
1	Kail	Pinus wallichiana	1	2	-	-	-	-	-	-	1	4
	Volume		0.22	0.28	-	-	-	-	-	-	8.50	-
	Total Volume		0.22	0.56	-	-	-	-	-	-	8.50	9.28
2	Liyor	Juniperus Indica	-	-	-	-	1	1	-	1	-	3
	Volume		-	-	-	-	2.1377	3.1997	-	4.3890	-	-
	Total Volume		-	-	-	-	2.1377	3.1997	-	4.3890	-	9.7264
3	Chilgoza	Pinus gerardiana	-	-	-	1	-	-	-	-	-	1
	Volume		-	-	-	1.3449	-	-	-	-	-	-
	Total Volume		-	-	-	1.3449	-	-	-	-	-	1.3449
TOTAL		Nos.	1	2	-	1	1	1	-	1	1	8
		Volume	0.22	0.5600	-	1.3449	2.1377	3.1997	-	4.3890	8.50	20.3513


 Forest Guard,
 Sirdi Beat.


 Block Forest Officer,
 Sandi Block.


 Range Forest Officer,
 Forest Range Bharmour
 Bharmour Forest Range
 Bharmour

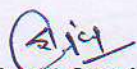

 Authorised Signatory,
 Sai Engineering Foundation.
 Sai Bhawan, Sector-4, New Shimla, (HP).


 Divisional Forest Officer,
 Bharmour Forest Division,
 District Chamba, Himachal Pradesh.
 Bharmour (H.P.)

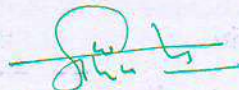
Title of the Project : Tundah-II Hydro-Electric Project (24MW)**SPECIES WISE & GIRTH CLASS WISE ENUMERATION LIST OF TREES**

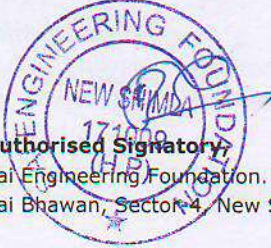
Name of Forest : D.P.F. Bagru.
 Name of Beat : Sirdi.
 Name of Block : Sandi.
 Name of Forest Range : Bharmour.
 Name of Forest Division : Bharmour.

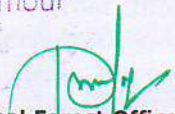
S. No.	Name of Component	Name of Species		Dia (In CMS.)	Volume (In CUM.)	Class	Remarks
		Local Name	Botanical Name				
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
1	Approach Road to Power House.	Chil	Pinus roxburghii	29-30	0.28	IV	Green Standing
2		Chil	Pinus roxburghii	16-17	0.22	V	Green Standing
3		Chil	Pinus roxburghii	21-22	0.28	IV	Green Standing
4		Chil	Pinus roxburghii	31-32	0.57	III	Green Standing
	TOTAL				1.35		


Forest Guard,
 Sirdi Beat.


Block Forest Officer,
 Sandi Block.


Range Forest Officer,
 Forest Range Bharmour.
 Bharmour Forest Range
 Bharmour


Authorised Signatory,
 Sai Engineering Foundation.
 Sai Bhawan, Sector-4, New Shimla, (HP).

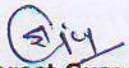

Divisional Forest Officer,
 Bharmour Forest Division,
 District Chamba, Himachal Pradesh.
 Bharmour Forest Division
 Bharmour (H.P.)

Title of the Project : Tundah-II Hydro-Electric Project (24MW)

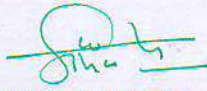
ABSTRACT OF TREES

Name of Forest : D.P.F. Bagru.
Name of Beat : Sirdi.
Name of Block : Sandi.
Name of Forest Range : Bharmour.
Name of Forest Division : Bharmour.

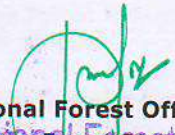
S. No.	Species		V	IV	III	IIA	IIB	IA	IB	IC	ID	Total
	Local Name	Botanical Name										
1	Chil	Pinus roxburghii	1	2	1	-	-	-	-	-	-	4
	Volume		0.22	0.28	0.57	-	-	-	-	-	-	-
	Total Volume		0.22	0.56	0.57	-	-	-	-	-	-	1.35
TOTAL	Nos.		1	2	1	-	-	-	-	-	-	4
	Volume		0.22	0.56	0.57	-	-	-	-	-	-	1.35


Forest Guard,
 Sirdi Beat.


Block Forest Officer,
 Sandi Block.


Range Forest Officer,
 Forest Range Bharmour
 Bharmour Forest Range
 Bharmour

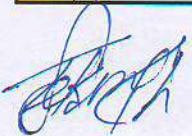

Authorised Signatory,
 Sai Engineering Foundation.
 Sai Bhawan, Sector-4, New Shimla, (HP).


Divisional Forest Officer,
 Bharmour Forest Division
 District Chamba, Himachal Pradesh.
 Bharmour (H.P.)

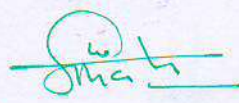
Title of the Project : Tundah-II Hydro-Electric Project (24MW)**SPECIES WISE & GIRTH CLASS WISE ENUMERATION LIST OF TREES**

Name of Forest : D.P.F. Lahal.
 Name of Beat : Lahal
 Name of Block : Bharmour.
 Name of Forest Range : Bharmour.
 Name of Forest Division : Bharmour.

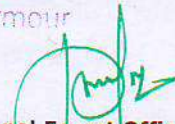
S. No.	Name of Component	Name of Species		Dia (In CMS.)	Volume (In CUM.)	Class	Remarks
		Local Name	Botanical Name				
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
1	Transmission Line (ROW)	Ban	Quircus dilatata	26-28	0.2406	IV	Green Standing
2		Ban	Quircus dilatata	22-24	0.2406	IV	Green Standing
3		Ban	Quircus dilatata	14-16	0.03	V	Green Standing
4		Ban	Quircus dilatata	10-12	0.03	V	Green Standing
5		Kahu	Oliapherugenia	34-36	0.6795	III	Green Standing
6		Ban	Quircus dilatata	16-18	0.03	V	Green Standing
7		Ban	Quircus dilatata	10-12	0.03	V	Green Standing
8		Ban	Quircus dilatata	10-12	0.03	V	Green Standing
9		Ban	Quircus dilatata	10-12	0.03	V	Green Standing
10		Ban	Quircus dilatata	10-12	0.03	V	Green Standing
11		Ailanthus	Ailanthus altissima	38-38	0.6795	III	Green Standing
12		Ailanthus	Ailanthus altissima	51-52	2.1377	IIB	Green Standing
13		Kahu	Oliapherugenia	26-28	0.2406	IV	Green Standing
14		Kahu	Oliapherugenia	32-34	0.6795	III	Green Standing
15		Ban	Quircus dilatata	12-14	0.03	V	Green Standing
16		Ban	Quircus dilatata	12-14	0.03	V	Green Standing
17		Ban	Quircus dilatata	10-12	0.03	V	Green Standing
	TOTAL				5.1980		


 Forest Guard,
 Lahal Beat.


 Block Forest Officer,
 Bharmour Block.


 Range Forest Officer,
 Forest Range Bharmour,
 Bharmour Forest Range
 Bharmour


 Authorised Signatory,
 Sai Engineering Foundation,
 Sai Bhawan, Sector-4, New Shimla, (HP).


 Divisional Forest Officer,
 Bharmour Forest Division,
 District Chamba, Himachal Pradesh,
 Bharmour Forest Division
 Bharmour (H.P.)

Title of the Project : Tundah-II Hydro-Electric Project (24MW)

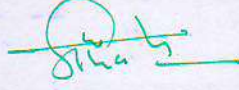
ABSTRACT OF TREES

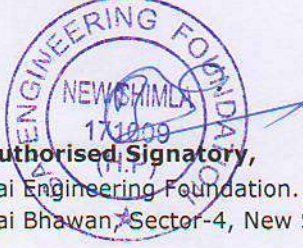
Name of Forest : D.P.F. Lahal.
 Name of Beat : Lahal
 Name of Block : Bharmour.
 Name of Forest Range : Bharmour.
 Name of Forest Division : Bharmour.

S. No.	Species		V	IV	III	IIA	IIB	IA	IB	IC	ID	Total
	Local Name	Botanical Name										
1	Ban	Quircus dilatata	10	2	-	-	-	-	-	-	-	12
	Volume		0.03	0.2406	-	-	-	-	-	-	-	-
	Total Volume		0.30	0.4812	-	-	-	-	-	-	-	0.7812
2	Ailanthus	Ailanthus altissima	-	-	1	-	1	-	-	-	-	2
	Volume		-	-	0.6795	-	2.1377	-	-	-	-	-
	Total Volume		-	-	0.6795	-	2.1377	-	-	-	-	2.8172
3	Kahu	Oliapherugenia	-	1	2	-	-	-	-	-	-	3
	Volume		-	0.2406	0.6795	-	-	-	-	-	-	-
	Total Volume		-	0.2406	1.3590	-	-	-	-	-	-	1.5996
TOTAL		Nos.	10	3	3	-	1	-	-	-	-	17
		Volume	0.30	0.7218	2.0385	-	2.1377	-	-	-	-	5.1980


 Forest Guard,
 Lahal Beat.


 Block Forest Officer,
 Bharmour Block.


 Range Forest Officer,
 Forest Range Bharmour,
 Bharmour Forest Range
 Bharmour


 Authorised Signatory,
 Sai Engineering Foundation.
 Sai Bhawan, Sector-4, New Shimla, (HP).


 Divisional Forest Officer,
 Bharmour Forest Division,
 District Chamba, Himachal Pradesh.
 Bharmour Forest Division
 Bharmour (H.P.)

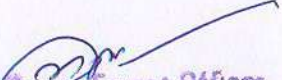
Title of the Project : Tundah-II Hydro-Electric Project (24MW)

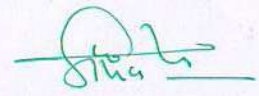
GENERAL ABSTRACT

Name of Forest : DPF-Gowad, DPF-Harchhu, DPF-Kutasan, DPF-Bagru, DPF-Lahal.
Name of Beat : Mandha, Sirdi and Lahal.
Name of Block : Banni, Sandi and Bharmour.
Name of Forest Range : Swai and Bharmour.
Name of Forest Division : Bharmour.

S. No.	Species		V	IV	III	IIA	IIB	IA	IB	IC	ID	Total
	Local Name	Botanical Name										
1	Piak	Alnus nepoalensis	6	11	5	4		1	-			27
	Volume		0.03	0.2406	0.6795	1.3449		3.1997	-			-
	Total Volume		0.18	2.6466	3.3975	5.3796		3.1997	-			14.8034
2	Kail	Pinus wallichiana	1	6		3			-	1	1	12
	Volume		0.22	0.28	-	1.41	-	-	-	6.80	8.50	-
	Total Volume		0.22	1.68		4.23			-	6.80	8.50	21.4300
3	Liyor	Juniperus Indica					1	1	-	1		3
	Volume		-	-	-	-	2.1377	3.1997	-	4.3890	-	-
	Total Volume						2.1377	3.1997	-	4.3890		9.7264
4	Chilgoza	Pinus gerardiana				1			-			1
	Volume		-	-	-	1.3449	-	-	-	-	-	-
	Total Volume					1.3449			-			1.3449
5	Chil	Pinus roxburghii	1	2	1				-			4
	Volume		0.22	0.28	0.57	-	-	-	-	-	-	-
	Total Volume		0.22	0.56	0.57				-			1.3500
6	Ban	Quircus dilatata	10	2					-			12
	Volume		0.03	0.2406	-	-	-	-	-	-	-	-
	Total Volume		0.30	0.4812					-			0.7812
7	Ailanthus	Ailanthus altissima			1		1		-			2
	Volume		-	-	0.6795		2.1377	-	-	-	-	-
	Total Volume				0.6795	0	2.1377		-			2.8172
8	Kahu	Oliapherugenia		1	2				-			3
	Volume		-	0.2406	0.6795			-	-	-	-	-
	Total Volume			0.2406	1.3590				-			1.5996
TOTAL		Nos.	18	22	9	8	2	2	-	2	1	64
		Volume	0.9200	5.608	6.0060	10.955	4.2754	6.3994	-	11.1890	8.5000	53.8527


Authorised Signatory,
 Sai Engineering Foundation.
 Sai Bhawan, New Shimla (HP).


Range Forest Officer,
 Forest Range Swai,
 District Chamba, HP.


Range Forest Officer,
 Forest Range Bharmour,
 District Chamba, HP.
 Bharmour


Divisional Forest Officer,
 Bharmour Forest Division,
 District Chamba, Himachal Pradesh.
 Bharmour (H.P.)

Title of the Project : Tundah-II Hydro-Electric Project (24MW)

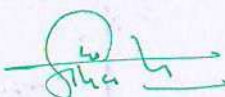
GIRTH WISE GENERAL ABSTRACT

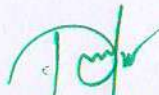
Name of Forest : DPF-Gowad, DPF-Harchhu, DPF-Kutasan, DPF-Bagru, DPF-Lahal.
Name of Beat : Mandha, Sirdi and Lahal.
Name of Block : Banni, Sandi and Bharmour.
Name of Forest Range : Swai and Bharmour.
Name of Forest Division : Bharmour.

S. No.	Species		0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90 above	Total
	Local Name	Botanical Name											
1	Piak	Alnus nepoalensis	-	6	11	5	4	-	1	-		-	27
2	Kail	Pinus wallichiana	-	1	6		3	-	-	-	1	1	12
3	Liyor	Juniperus Indica	-	-	-	-	-	1	1	-	1	-	3
4	Chilgoza	Pinus gerardiana	-	-	-	-	1	-	-	-	-	-	1
5	Chil	Pinus roxburghii	-	1	2	1	-	-	-	-	-	-	4
6	Ban	Quircus dilatata	-	10	2	-	-	-	-	-	-	-	12
7	Ailanthus	Ailanthus altissima	-	-	-	1	-	1	-	-	-	-	2
8	Kahu	Oliapherugenia	-	-	1	2	-	-	-	-	-	-	3
TOTAL			-	18	22	9	8	2	2	0	2	1	64


 Authorised Signatory,
 Sai Engineering Foundation.
 Sai Bhawan, New Shimla (HP).


 Range Forest Officer,
 Forest Range Swai,
 District Chamba, HP.


 Range Forest Officer,
 Forest Range Bharmour,
 District Chamba, HP.
 Bharmour


 Divisional Forest Officer,
 Bharmour Forest Division,
 District Chamba, Himachal Pradesh.
 Bharmour (H.P.)

COST OF TREES COMING IN THE ALIGMENT, IN RESPECT OF DIVERSION OF 13.3082 HECTARE OF FOREST LAND FOR THE C/O TUNDAH-II HYDRO ELECTRIC PROJECT (24 MW). TREES MARKED IN DPF-GOWAR, DPF-HARCHHU, DPF-KUTASAN, DPF-BAGRU & DPF-LAHAL, IN BEATS - MANDHA, SIRDHI & LAHAL OF SWAI & BHARMOUR FOREST RANGES, BHARMOUR FOREST DIVISION IN DISTRICT CHAMBA (H.P.).

Sr.No.	Name of species		Class										Total	Remarks
	Local Name	Botanical Name	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE		
1	Piak	<i>Alnus nepalensis</i>	6	11	5	4	0	1	0	0	0	0	27	Rate applied as per approved market rate for the year 2019-20
		Vol/ tree	0.03	0.2406	0.6795	1.3449	0	3.1997	0	0	0	0		
		Total Vol	0.18	2.6466	3.3975	5.3796	0	3.1997	0	0	0	0	14.8034	
		Rate /Cum	9726	9726	9726	9726	0	9726	0	0	0	0	9726	
		Total Cost:	1751	25741	33044	52322	0	31120	0	0	0	0	143978	
2	Kail	<i>Pinus wallichiana</i>	1	6	0	3	0	0	0	1	1	0	12	
		Vol/ tree	0.22	0.28	0	1.41	0	0	0	6.80	8.5	0		
		Total Vol	0.22	1.68	0	4.23	0	0	0	6.80	8.5	0	21.43	
		Rate /Cum	51980	51980	51980	51980	0	0	0	51980	51980		51980	
		Total Cost:	11436	87326	0	219875	0	0	0	353464	441830	0	1113931	
3	Liyor	<i>Juniperus Indica</i>	0	0	0	0	1	1	0	1	0	0	3	
		Vol/ tree	0	0	0	0	2.1377	3.1997	0	4.3890	0	0		
		Total Vol	0	0	0	0	2.1377	3.1997	0	4.3890	0	0	9.7264	
		Rate /Cum	0	0	0	0	32778	32778	0	32778	0	0	32778	
		Total Cost:	0	0	0	0	70070	104880	0	143863	0	0	318812	
4	Chilgoza	<i>Pinus gerardiana</i>	0	0	0	1	0	0	0	0	0	0	1	
		Vol/ tree	0	0	0	1.3449	0	0	0	0	0	0		
		Total Vol	0	0	0	1.3449	0	0	0	0	0	0	1.3449	
		Rate /Cum	0	0	0	9726	0	0	0	0	0	0	9726	
		Total Cost:	0	0	0	13080	0	0	0	0	0	0	13080	
5	Chil	<i>Pinus roxburghii</i>	1	2	1	0	0	0	0	0	0	0	4	
		Vol/ tree	0.22	0.28	0.57	0	0	0	0	0	0	0		
		Total Vol	0.22	0.56	0.57	0	0	0	0	0	0	0	1.3500	
		Rate /Cum	36503	36503	36503	0	0	0	0	0	0	0	36503	
		Total Cost:	8031	20442	20807	0	0	0	0	0	0	0	49279	

6	Ban	Quircus dilatata	10	2	0	0	0	0	0	0	0	0	12	No rate for Ban tree has been approved during 2019-20. Therefore, rate has been applied as per rate approved during 2009-10 after adding @ 10% increase in each year as per provision.
		Vol/ tree	0.03	0.2406	0	0	0	0	0	0	0	0		
		Total Vol	0.30	0.4812	0	0	0	0	0	0	0	0	0.7812	
		Rate /Cum	46688	46688	0	0	0	0	0	0	0	0	46688	
		Total Cost:	14006	22466	0	0	0	0	0	0	0	0	36473	
7	Ailanthus	Ailanthus altissima	0	0	1	0	1	0	0	0	0	0	2	
		Vol/ tree	0	0	0.6795	0	2.1377	0	0	0	0	0		
		Total Vol	0	0	0.6795	0	2.1377	0	0	0	0	0	2.8172	
		Rate /Cum	0	0	9726	0	9726	0	0	0	0	0	9726	
		Total Cost:	0	0	6609	0	20791	0	0	0	0	0	27400	
8	Kahu	Oliapherugenia	0	1	2	0	0	0	0	0	0	0	3	
		Vol/ tree	0	0.2406	0.6795	0	0	0	0	0	0	0		
		Total Vol	0	0.2406	1.359	0	0	0	0	0	0	0	1.5996	
		Rate /Cum	0	9726	9726	0	9726	0	0	0	0	0	9726	
		Total Cost:	0	2340	13218	0	0	0	0	0	0	0	15558	
		Total Trees	18	22	9	8	2	2	0	2	1	0	64	
		Total Volume	0.92	5.61	6.01	10.95	4.28	6.40	0.00	11.19	8.50	0.00	53.8527	
		Total cost of trees											1718511	
		Increase in cost of trees @ 10% for the year 2020-21.											171851	
		GRAND TOTAL											1890362	

(Rupees Eighteen Lakh Ninety Thousand Three Hundred Sixty Two Only)


 Divisional Forest Officer,
 Bharmour Forest Division,
 Distt. Chamba (H.P.).
 Bharmour (H.P.)