

No. 2445
H.P. Forest Department,

Dated Banjar, the 20/10/2023

From:- Divisional Forest Officer,
Seraj Forest Division, Banjar

To:- Executive Engineer,
Banjar Division,
HPPWD Banjar.

Subject:- Diversion of 1.433 ha of forest land in favour of HPPWD, Banjar for the construction of Panchveer to Docha via Bion road km 0/0 to 3/00, within the jurisdiction of Seraj Forest Division, Distt. Kullu, HP. (Online Proposal No.FP/HP/Road/150698/2021).

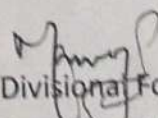
Sir,

Kindly refer to your office letter No. 12408-09 dated, 17.10.2023 on the subject cited above.

2. Enclosed please find herewith the Compensatory Afforestation Scheme as per the revised norms issued on 19.06.2023. In this context, it is intimated that the Govt. of India has conveyed "in-principle" approval under the provisions of Forest (Conservation) Act, 1980 for the diversion of forest land on the subject cited land diversion case. You are, therefore, requested to go through the stipulations imposed by the GoI on the approval and take appropriate action on the issues pertaining to your office/user agency. As already mentioned in the approval in question that the GoI has developed an e-payment module forest clearance portal for online remittance of the amount under various components i.e. CA, NPV, Reclamation Plan and Soil and Moisture Conservation Plan. Therefore, the payments towards above components shall be deposited online through the e-payment portal such as online Challan mode in Ad-hoc CAMPA and the payment with respect to the departmental charges on compensatory afforestation and Reclamation Plan thereon is to be deposited in State Govt. Treasury under various heads. The component wise detail of amount and mode of deposition is as under:-

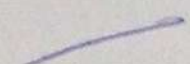
Component	Amount	Mode of Payment	Amount where the amount is to be deposited
Net Present Value	21,72,760/-	e-payment	Through online portal, as per stipulation No. (A) iv& vi of "in-principle" approval.
Compensatory Afforestation.	17,68,476/-	e-payment	
5 % contingency on CA scheme.	88,422/-	e-payment	
Reclamation Plan	1,40,304/-	e-payment	
5 % Contingency on Reclamation Plan.	7,015/-	e-payment	
Soil and Moisture Conservation Plan.	73,426/-	e-payment	
Total amount to be deposited through online	42,50,403/-	e-payment	
Departmental Charges on CA.	3,24,952/-	State Govt. Head.	The amount be deposited with this office in the shape of demand draft in favour of DFO Seraj payable at Banjar.
Departmental Charges on Reclamation Pla.	25,781	State Govt. Head.	
Total amount to be deposited in State Govt. Head through DD.	3,50,733/-	State Govt. Head.	
G.Total:-	46,01,136/-		

In addition to above you are also requested to go through the all stipulations of the "in-principle" approval and compliance be reported to this office complete in all respects and also requested to submit the undertaking of all stipulation imposed by Gol and submit the all documents alongwith e-challan so that the Stage-II approval could be sought from the competent authority. It may also be ensured that the proposed forest land may not be used till final approval is accorded by the competent authority.


Divisional Forest Officer,
SerajForest Division, Banjar.

Endst. No. _____ Dated _____/2023

Copy, is forwarded to R.O. Banjar w.r.t this office endst No. 1812 dated 05.09.2023, for information and necessary action. She is also directed that the use of forest land shall not be allowed till final approval is accorded by the competent authority.


Divisional Forest Officer,
SerajForest Division, Banjar.

NPV Bill

Diversion of 1.433 ha of Forest land for the construction of road from Panchveer to Dhocha via Bion 0/00 to 3/00 km in Kullu District, in the jurisdiction of Banjar Forest Range, Seraj Forest Division Distt. Kullu (H.P.).

Sr. No.	Particular	Qty.	Rate	Amount
1.	NPV of Eco-Value Class VI for Very Dense Forest as per guidelines of Hon'ble Supreme Court of India vide order dated 28.3.2008.	1.433/-	15,16,230	21,72,757/-
			Or Say	21,72,760/-


 Divisional Forest Officer
 Banjar Forest Division
 Seraj Forest Division at Banjar.

Full Title of the Project:-

Diversion of 1.433 ha of forest land in favour of Executive Engineer HPPWD Banjar Kullu (H.P.) for the construction of Panchveer to Dhocha via Bion road within the jurisdiction of Seraj Forest Division, Distt. Kullu, Himachal Pradesh.

File No:FP/HP/road/150698/2021

Date of Proposal

CHECK LIST SERIAL NUMBER-18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme of CA be carried out in lieu of 1.433 ha of Forest area to be diverted for the C/O Panchveer to Dhocha via Bion road, In Kullu Distt. H.P.

1. Details of degraded forest land/non-forest land:-

District Kullu village Bion (Ragunaal) Tehsil: Banjar

Name of Forest Division:-Seraj, Range:- Banjar

Block/Compartment/Survey No.:- Banjar/Ragunaal/53E/06 to be Afforested 1.066 ha.

(Land Bank)

2. Description of Area:-

- i. Whether the site selected for Compensatory Afforestation is a land Bank or Not:-**Land Bank.**
- ii. If the CA site is other than the land bank, reasons be given:- **NA**
- iii. In case of non-forest area identified of CA, then what is the distance of CA site from the adjoining Forest boundary:- **N.A.**
- iv. **Soil type:- Clayey Loam.**
- v. Topography:-
- vi. Hilly/undulating/Plain= **Hilly-Undulating**
- vii. Slope: Steep/Medium/Gentle = **Steep to medium**
- viii. Whether the area is bearing any root stock of vegetation: **Only few bush growths**

3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing Component-wise physical and financial break up to be enclosed.

4. Schedule of Plantation Programme:-

Detail of year wise break-up requirements of funds is as under:-

	ABSTRACT	Unit	Area (Ha)	Rate /ha	Total Amount
1	New Plantation	Ha	1.066	122320	130393
	1st Year Maintenance	Ha	1.066	23700	25264
	2nd Year Maintenance	Ha	1.066	17950	19135
	3rd Year Maintenance	Ha	1.066	10860	11577
	4th Year Maintenance	Ha	1.066	14000	14924
	5th Year Maintenance	Ha	1.066	15000	15990
	6th Year Maintenance	Ha	1.066	16000	17056
	7th Year Maintenance	Ha	1.066	17000	18122
	8th Year Maintenance	Ha	1.066	18000	19188
	9th Year Maintenance	Ha	1.066	19000	20254
	10th Year Maintenance	Ha	1.066	20000	21320
				293830	313223
	COST of Compensatory afforestation Area 1.066 ha =				344545
	Cost of escalation @ 110%				657768
	TOTAL Cost (1)				
					32888
2	Add Contingencies @ 5% of total Cost.				690656
	Total Cost (2) =				120865
3	Add Departmental Charges @ 17.5% on total cost (3).				811521
	Grand Total				811550
	Or Say				

CAMP A

CAMP A

Treasury

5. Technical Detail:-

Technical details of Compensatory afforestation Scheme are as follows:-

a	General Details	Area for Compensatory Afforestation in Shikari Beat, Banjar Block, Banjar Range in, Ragunaal to be Afforested 1.066 Ha.
b	Spacing	3mx3m
c	Species	Site specific species OBL, Ban Oak, Deodar, Fir/Spruce etc.
d	Plantation method	By pits 60*60*60 cm
e	Protection (Fencing watch man, People's participation etc.)	Through people participation, Forest Guard etc, and fencing 5 Stand B/Wire interlacing with thorny bushes.
f	Proposed Monitoring Mechanism: Manually:	Proper inspection of the area by field Staff & Officers of the Department as per mandatory Field inspection protocol
g	Any other information:	NA

Place : Banjar

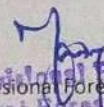
Dated:- 20.10.2023

Divisional Forest Officer
Seraj Forest Division, Banjar

The Compensatory Afforestation Scheme for Planting of plants for the Diversion of 1.433 ha of forest land in favour of Executive Engineer, HPPWD Banjar for the construction of Panchveer to Dohocha via Bion road within the jurisdiction of Seraj Forest Division, District Kullu, H.P. (CA site Ragunaal= 1.80 ha)

Division, District								
	Sr. No.	Particulars of work	Unit	Quantity	Rate per unit at the wage rate of Rs 150/-	Norm at the wage rate of Rs 375/- for Non-Tribal areas	Amount (Rs)	
A		FENCING COST						
	1	Survey and demarcation of plantation area	ha	1	101	251.49	251.49	
	2	Preparation/Purchase of RCC fence posts @ rate of Rs. 358 per cost	No	60	250	358.00	21480.00	
	3	Carriage of RCC Fence post upto 165cm long over a distance of 2 km uphill/download	Km/ No	60	33.5	84.17	10100.25	
	4	Preparation/Digging of holes 20-30cm dia 50 cm size	No	60	9.06	22.74	1364.44	
	5	Fixing of RCC fence Post i/c strutting	No.	60	7.16	17.97	1078.30	
	6	Carriage of B/Wire over a distance of 2 Km uphill/download	KM/ Qtl	0.85	73.65	184.86	314.26	
	7	Stretching & Fixing of Barbed Wire in 4 strands	Rmt	720	4.8	12.06	8683.20	
	8	Interlacing of Thorny Bushes along the Fence	Rmt	180	4.09	10.28	1849.70	
	9	Cost of Barbed Wire	Qtl	0.9	6510	6510.00	5859.00	
		Total -Fencing (A) =					50980.64	
		Or Sav					51000	
B		PLANTING COST						
	1	Bush Cutting in Strips (3mx3m)	Ha	1	1192.8	2996.91	2996.91	
	2	Digging of pits 45*45*45* cm size	No	1100	9.54	23.97	26366.18	
	3	Filling of pits 45*45*45* cm.	No	1100	2.72	6.83	7517.40	
	4	Carriage of Plants in P Bags over distance 2 Km uphill/downhill	KM/ No	1100	1.9	4.77	10502.25	
	5	Planting of Plants Raised in P/Bags	No	1100	2.18	5.48	6024.98	
	6	Construction of Inspection Path 60 cm wide	Rmt	100	11	27.64	2763.75	
	7	Cost of Sign Board Carriage & Fixing	No	1	LS	4000.00	4000.00	
		Total (B)					60171.46	
		Or Say					60200.00	
		(Fencing+Planting) A+B=					111200.00	
		Cost of escalation @ 10%					11120.00	
		Total					122320.00	
C		MAINTENANCE COST						
	a	1ST YEAR MAINTENANCE - 30% MORTALITY						
	1	Re-digging of pits 45*45*45* cm	Nos	330	4.77	11.98	3954.93	
	2	Filling of pits 45*45*45* cm.	Nos	330	2.72	6.83	2255.22	
	3	Carriage of poly plants from nursery to nearest road head near plantation site in motor	Nos	330	LS	LS	1500.00	
	4	Carriage of Plants in P Bags over distance 2 km huhill/downhill	Nos	330	1.9	4.77	3150.68	
	5	Planting of Plants raised in P/Bags	Nos	330	2.18	5.48	1807.49	
	6	Cost of Normal Plants raised in P-bag	Nos	330	26	26.00	8580.00	
	7	Repair of Fencing	Rmt	60	1.8	4.52	271.35	
		Total 1st Year Maintenance						21519.66
		Cost of escalation @ 10%						2151.97
		Total						23671.63
		Or Say						23700
	b	2nd YEAR MAINTENANCE -20% MORTALITY						
	1	Re-digging of pits 45*45*45* cm	Nos	220	4.77	11.98	2636.62	
	2	Filling of pits 45*45*45* cm.	Nos	220	2.72	6.83	1503.48	
	3	Carriage of poly plants from nursery to nearest	Nos	220	LS	LS	1500.00	
4	Carriage of Plants in P Bags over distance 2 km huhill/downhill	Nos	220	1.9	4.77	2100.45		
5	Planting of Plants raised in P/Bags	Nos	220	2.18	5.48	1205.00		
6	Cost of Normal Plants raised in P-bag	Nos	220	26	26.00	5720.00		
7	Repair of Fencing	Rmt	60	1.8	4.52	271.35		
	Total 2nd Year Maintenance						14936.89	
	Cost of escalation @ 20%						2987.38	
	Total						17924.27	
	Or Say						17950	

c		3rd YEAR MAINTENANCE -10% MORTALITY					
	1	Re-digging of pits 45*45*45* cm	Nos	110	4.77	11.98	1318.31
	2	Filling of pits 45*45*45* cm.	Nos	110	2.72	6.83	751.74
	3	Carriage of poly plants from nursery to nearest	Nos	110	LS	LS	1500.00
	4	Carriage of Plants in P Bags over distance 2 km huhill/downhill	Nos	110	1.9	4.77	1050.23
	5	Planting of Plants raised in P/Bags	Nos	110	2.18	5.48	602.50
	6	Cost of Normal Plants raised in P-bag	Nos	110	26	26.00	2860.00
	7	Repair of Fencing	Rmt	60	1.8	4.52	271.35
		Total 3st Year Maintenance					8354.12
		Cost of escalation @ 30%					2506.24
		Total					10860.36
		Or Say					10860
d		4th YEAR MAINTENANCE	L/s				10000.00
		Cost of escalation @ 40%					4000.00
		Total					14000.00
e		5th YEAR MAINTENANCE	L/s				10000.00
		Cost of escalation @ 50%					5000.00
		Total					15000.00
f		6th YEAR MAINTENANCE	L/s				10000.00
		Cost of escalation @ 60%					6000.00
		Total					16000.00
i		7th YEAR MAINTENANCE	L/s				10000.00
		Cost of escalation @ 70%					7000.00
		Total					17000.00
j		8th YEAR MAINTENANCE	L/s				10000.00
		Cost of escalation @ 80%					8000.00
		Total					18000.00
k		9th YEAR MAINTENANCE	L/s				10000.00
		Cost of escalation @ 90%					9000.00
		Total					19000.00
l		10th YEAR MAINTENANCE	L/s				10000.00
		Cost of escalation @ 100%					10000.00
		Total					20000.00
		Grand Total--Maintenance (C) =					171510.00
D		Grand Total -New+Maintenance (A+B+C) =					293830.00
		ABSTRACT	Unit	Area (Ha)	Rate /ha	Total Amount	
	1	New Plantation	Ha	1.066	122320	130393	
		1st Year Maintenance	Ha	1.066	23700	25264	
		2nd Year Maintenance	Ha	1.066	17950	19135	
		3rd Year Maintenance	Ha	1.066	10860	11577	
		4th Year Maintenance	Ha	1.066	14000	14924	
		5th Year Maintenance	Ha	1.066	15000	15990	
		6th Year Maintenance	Ha	1.066	16000	17056	
		7th Year Maintenance	Ha	1.066	17000	18122	
		8th Year Maintenance	Ha	1.066	18000	19188	
		9th Year Maintenance	Ha	1.066	19000	20254	
		10th Year Maintenance	Ha	1.066	20000	21320	
		COST of Compensatory afforestation Area 1.066 ha =			293830	313223	CAMPA
		Cost of escalation @ 110%				344545	
		TOTAL Cost (1)				657768	
	2	Add Contingencies @ 5% of total Cost.				32888	CAMPA
		Total Cost (2) =				690656	
	3	Add Departmental Charges @ 17.5% on total cost (3).				120865	Treasury
		Grand Total				811521	
		Or Say				811550	


 Divisional Forest Officer
 Sarai Forest Division at Banjar
 Banjar

Full Title of the Project:-

Diversion of 1.433 ha of forest land in favour of Executive Engineer HPPWD Banjar Kullu (H.P.) for the construction of Panchveer to Dhocha via Bion road within the jurisdiction of Seraj Forest Division, Distt. Kullu, Himachal Pradesh.

File No:FP/HP/road/150698/2021

Date of Proposal

CHECK LIST SERIAL NUMBER-18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme of CA be carried out in lieu of 1.433 ha of Forest area to be diverted for the C/O Panchveer to Dhocha via Bion road, In Kullu Distt. H.P.

1. Details of degraded forest land/non-forest land:-

District Kullu village Ghat/Shikari Tehsil: Banjar

Name of Forest Division:-Seraj, Range:- Banjar

Block/Compartment/Survey No.:Banjar/Shikari-III/53E/06 to be Afforested 1.80 ha.

(Land Bank)

2. Description of Area:-

- i. Whether the site selected for Compensatory Afforestation is a land Bank or Not:-**Land Bank.**
- ii. If the CA site is other than the land bank, reasons be given:- **NA**
- iii. In case of non-forest area identified of CA, then what is the distance of CA site from the adjoining Forest boundary:- **N.A.**
- iv. **Soil type:- Clayey Loam.**
- v. Topography:-
- vi. Hilly/undulating/Plain= **Hilly-Undulating**
- vii. Slope: Steep/Medium/Gentle = **Steep to medium**
- viii. Whether the area is bearing any root stock of vegetation:**Only few bush growths**

3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing Component-wise physical and financial break up to be enclosed.

4. Schedule of Plantation Programme:-

Detail of year wise break-up requirements of funds is as under:-

	ABSTRACT	Unit	Area (Ha)	Rate /ha	Total Amount	
1	New Plantation	Ha	1.8	122320	220176	
	1st Year Maintenance	Ha	1.8	23700	42660	
	2nd Year Maintenance	Ha	1.8	17950	32310	
	3rd Year Maintenance	Ha	1.8	10860	19548	
	4th Year Maintenance	Ha	1.8	14000	25200	
	5th Year Maintenance	Ha	1.8	15000	27000	
	6th Year Maintenance	Ha	1.8	16000	28800	
	7th Year Maintenance	Ha	1.8	17000	30600	
	8th Year Maintenance	Ha	1.8	18000	32400	
	9th Year Maintenance	Ha	1.8	19000	34200	
	10th Year Maintenance	Ha	1.8	20000	36000	
	COST of Compensatory afforestation Area 1.80 ha =			293830	528894	CAMPA
	Cost of escalation @ 110%				581783	
	TOTAL Cost (1)				1110677	
2	Add Contingencies @ 5% of total Cost.				55534	CAMPA
	Total Cost (2) =				1166211	
3	Add Departmental Charges @ 17.5% on total cost (3).				204087	Treasury
	Grand Total				1370298	
	Or Say				1370300	

5. Technical Detail:-

Technical details of Compensatory afforestation Scheme are as follows:-

a	General Details	Area for Compensatory Afforestation in Shikari Beat, Banjar Block, Banjar Range in, Shikari-III to be Afforested 1.80 Ha.
b	Spacing	3mx3m
c	Species	Site specific species OBL, Ban Oak, Deodar, Fir/Spruce etc.
d	Plantation method	By pits 60*60*60 cm
e	Protection (Fencing watch man, People's participation etc.)	Through people participation, Forest Guard etc, and fencing 5 Stand B/Wire interlacing with thorny bushes.
f	Proposed Monitoring Mechanism: Manually:	Proper inspection of the area by field Staff & Officers of the Department as per mandatory Field inspection protocol
g	Any other information:	NA

Place : Banjar

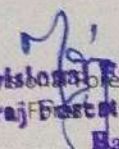
Dated:- 20.10.2023

Divisional Forest Officer
Banjar Forest Division
Banjar

Compensatory Afforestation Scheme for Planting of plants for the Diversion of 1.433 ha of forest land in favour of Executive Engineer, HPPWD Banjar for the construction of Panchveer to Dohocha via Bion road within the jurisdiction of Seraj Forest Division, District Kullu, H.P. (CA site Ragunaal= 1.80 ha)

Sr. No.	Particulars of work	Unit	Quantity	Rate per unit at the wage rate of Rs 150/-	Norm at the wage rate of Rs 375/- for Non-Tribal areas	Amount (Rs)
A	FENCING COST					
1	Survey and demarcation of plantation area	ha	1	101	251.49	251.49
2	Preparation/Purchase of RCC fence posts @ rate of Rs. 358 per cost	No	60	250	358.00	21480.00
3	Carriage of RCC Fence post upto 165cm long over a distance of 2 km uphill/download	Km/ No	60	33.5	84.17	10100.25
4	Preparation/Digging of holes 20-30cm dia 50 cm size	No	60	9.06	22.74	1364.44
5	Fixing of RCC fence Post i/c strutting	No.	60	7.16	17.97	1078.30
6	Carriage of B/Wire over a distance of 2 Km uphill/download	KM/ Qtl	0.85	73.65	184.86	314.26
7	Stretching & Fixing of Barbed Wire in 4 strands	Rmt	720	4.8	12.06	8683.20
8	Interlacing of Thorny Bushes along the Fence	Rmt	180	4.09	10.28	1849.70
9	Cost of Barbed Wire	Qtl	0.9	6510	6510.00	5859.00
	Total -Fencing (A) =					50980.64
	Or Say					51000
B	PLANTING COST					
1	Bush Cutting in Strips (3mx3m)	Ha	1	1192.8	2996.91	2996.91
2	Digging of pits 45*45*45* cm size	No	1100	9.54	23.97	26366.18
3	Filling of pits 45*45*45* cm.	No	1100	2.72	6.83	7517.40
4	Carriage of Plants in P Bags over distance 2 Km uphill/download	KM/ No	1100	1.9	4.77	10502.25
5	Planting of Plants Raised in P/Bags	No	1100	2.18	5.48	6024.98
6	Construction of Inspection Path 60 cm wide	Rmt	100	11	27.64	2763.75
7	Cost of Sign Board Carriage & Fixing	No	1	LS	4000.00	4000.00
	Total (B)					60171.46
	Or Say					60200.00
	(Fencing+Planting) A+B=					111200.00
	Cost of escalation @ 10%					11120.00
	Total					122320.00
C	MAINTENANCE COST					
a	1ST YEAR MAINTENANCE - 30% MORTALITY					
1	Re-digging of pits 45*45*45* cm	Nos	330	4.77	11.98	3954.93
2	Filling of pits 45*45*45* cm.	Nos	330	2.72	6.83	2255.22
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor	Nos	330	LS	LS	1500.00
4	Carriage of Plants in P Bags over distance 2 km uphill/download	Nos	330	1.9	4.77	3150.68
5	Planting of Plants raised in P/Bags	Nos	330	2.18	5.48	1807.49
6	Cost of Normal Plants raised in P-bag	Nos	330	26	26.00	8580.00
7	Repair of Fencing	Rmt	60	1.8	4.52	271.35
	Total 1st Year Maintenance					21519.66
	Cost of escalation @ 10%					2151.97
	Total					23671.63
	Or Say					23700
b	2nd YEAR MAINTENANCE -20% MORTALITY					
1	Re-digging of pits 45*45*45* cm	Nos	220	4.77	11.98	2636.62
2	Filling of pits 45*45*45* cm.	Nos	220	2.72	6.83	1503.48
3	Carriage of poly plants from nursery to nearest	Nos	220	LS	LS	1500.00
4	Carriage of Plants in P Bags over distance 2 km uphill/download	Nos	220	1.9	4.77	2100.45
5	Planting of Plants raised in P/Bags	Nos	220	2.18	5.48	1205.00
6	Cost of Normal Plants raised in P-bag	Nos	220	26	26.00	5720.00
7	Repair of Fencing	Rmt	60	1.8	4.52	271.35
	Total 2nd Year Maintenance					14936.89
	Cost of escalation @ 20%					2987.38
	Total					17924.27
	Or Say					17950

c	3rd YEAR MAINTENANCE -10% MORTALITY					
1	Re-digging of pits 45*45*45* cm	Nos	110	4.77	11.98	1318.31
2	Filling of pits 45*45*45* cm	Nos	110	2.72	6.83	751.74
3	Carriage of poly plants from nursery to nearest	Nos	110	15	15	1500.00
4	Carriage of Plants in P Bags over distance 2 km	Nos	110	1.9	4.77	1050.23
	huhill/downhill					
5	Planting of Plants raised in P/Bags	Nos	110	2.18	5.48	602.50
6	Cost of Normal Plants raised in P-bag	Nos	110	26	26.00	2860.00
7	Repair of Fencing	Rmt	60	1.8	4.52	271.35
	Total 3st Year Maintenance					8354.12
	Cost of escalation @ 30%					2506.24
	Total					10860.36
	Or Say					10860
d	4th YEAR MAINTENANCE					10000.00
	L/s					
	Cost of escalation @ 40%					4000.00
	Total					14000.00
e	5th YEAR MAINTENANCE					10000.00
	L/s					
	Cost of escalation @ 50%					5000.00
	Total					15000.00
f	6th YEAR MAINTENANCE					10000.00
	L/s					
	Cost of escalation @ 60%					6000.00
	Total					16000.00
i	7th YEAR MAINTENANCE					10000.00
	L/s					
	Cost of escalation @ 70%					7000.00
	Total					17000.00
j	8th YEAR MAINTENANCE					10000.00
	L/s					
	Cost of escalation @ 80%					8000.00
	Total					18000.00
k	9th YEAR MAINTENANCE					10000.00
	L/s					
	Cost of escalation @ 90%					9000.00
	Total					19000.00
l	10th YEAR MAINTENANCE					10000.00
	L/s					
	Cost of escalation @ 100%					10000.00
	Total					20000.00
	Grand Total - Maintenance (C) =					171510.00
D	Grand Total -New+Maintenance (A+B+C) =					293830.00
	ABSTRACT					
		Unit	Area (Ha)	Rate /ha	Total Amount	
1	New Plantation	Ha	1.8	122320	220176	
	1st Year Maintenance	Ha	1.8	23700	42660	
	2nd Year Maintenance	Ha	1.8	17950	32310	
	3rd Year Maintenance	Ha	1.8	10860	19548	
	4th Year Maintenance	Ha	1.8	14000	25200	
	5th Year Maintenance	Ha	1.8	15000	27000	
	6th Year Maintenance	Ha	1.8	16000	28800	
	7th Year Maintenance	Ha	1.8	17000	30600	
	8th Year Maintenance	Ha	1.8	18000	32400	
	9th Year Maintenance	Ha	1.8	19000	34200	
	10th Year Maintenance	Ha	1.8	20000	36000	
	COST of Compensatory afforestation Area			293830	528894	CAMPA
	1.80 ha =					
	Cost of escalation @ 110%				581783	
	TOTAL Cost (1)				1110677	
2	Add Contingencies @ 5% of total Cost.				55534	CAMPA
	Total Cost (2) =				1166211	
3	Add Departmental Charges @ 17.5% on total cost (3).				204087	Treasury
	Grand Total				1370298	
	Or Say				1370300	


 Divisional Forest Officer
 Forest Division at Banjar
 Banjar

The Reclamation Plan for Planting of plants for the Diversion of 1.433 ha of forest land in favour of Executive Engineer, HPPWD Banjar for the construction of Panchveer to Dohocha via Blon road within the jurisdiction of Seraj Forest Division, District Kullu, H.P.

Sr. No.	Particulars of work	Unit	Quantity	Rate per unit at	Norm at the wage	Amount (Rs)
A FENCING COST						
1	Survey and demarcation of plantation area	ha	1	101	202.00	202.00
2	Preparation/Purchase of RCC fence posts @ rate of Rs. 358 per cost	No	60	250	358.00	21480.00
3	Carriage of RCC Fence post upto 165cm long over a distance of 2 km uphill/download	Km/ No	60	33.5	67.00	8040.00
4	Preparation/Digging of holes 20-30cm dia 50 cm size	No	60	9.06	18.12	1087.20
5	Fixing of RCC fence Post l/c strutting	No.	60	7.16	14.32	859.20
6	Carriage of B/Wire over a distance of 2 Km uphill/download	KM/ Qtl	0.85	73.65	147.30	250.41
7	Stretching & Fixing of Barbed Wire in 4 strands	Rmt	720	4.8	9.60	6912.00
8	Interlacing of Thorny Bushes along the Fence	Rmt	180	4.09	8.18	1472.40
9	Cost of Barbed Wire	Qtl	0.9	6510	6510.00	5859.00
	Total -Fencing (A) =					46162.21
	Or Say					46170
B PLANTING COST						
1	Bush Cutting in Strips (3mx3m)	Ha	1	1192.8	2385.60	2385.60
2	Digging of pits 45*45*45* cm size	No	1100	9.54	19.08	20988.00
3	Filling of pits 45*45*45* cm.	No	1100	2.72	5.44	5984.00
4	Carriage of Plants in P.Bags over distance 2 Km	KM/ No	1100	1.9	3.80	8360.00
5	Planting of Plants Raised in P/Bags	No	1100	2.18	4.36	4796.00
6	Construction of Inspection Path 60 cm wide	Rmt	100	11	22.00	2200.00
7	Cost of Sign Board Carriage & Fixing	No	1	LS	4000.00	4000.00
	Total (B)					48713.60
	Or Say					48720.00
	Grand Total (Fencing+Planting) A+B=					94890.00
C Shrub Planting						
1	Preparation of patches size of 0.75x0.75x0.30 m including digging and filling of shrub planting	%	750	1374.24	2748.48	20613.6
2	Planting of shrub plants area 1 h (750 patchesx4=3000 Nos)	%	750	280.29	560.58	4204.35
3	Carriage of Shrub Plants		3000	L/s		2000
	Total Shrub Cost					26817.95
	Or Say					26820
	Grand Total (A+B+C)					121710.00
	Or Say					121710
D Maintenance						
	1st Year Maintenance	Ha	0.2	19200	3840	
	2nd Year Maintenance	Ha	0.2	13370	2674	
	3rd Year Maintenance	Ha	0.2	7550	1510	
	4th Year Maintenance	Ha	0.2	7550	1510	
	5th Year Maintenance	Ha	0.2	7550	1510	
	6th Year Maintenance	Ha	0.2	7550	1510	
	7th Year Maintenance	Ha	0.2	7550	1510	
	8th Year Maintenance	Ha	0.2	7550	1510	
	9th Year Maintenance	Ha	0.2	7550	1510	
	10th Year Maintenance	Ha	0.2	7550	1510	
	Total			92970	18594	CAMPA
	Total (A+B+C+D)				140304	
	Add Contingencies @ 5% of total Cost.				7015	
				Total	147319	
	Add Departmental Charges @ 17.5% on total cost				25781	
	G. Total				173100	
	Total area to be taken for diversion (in ha)	1.433				
	Total area to be taken for reclamation plan (in ha)	0.2				
	Cost of Reclamation Plan 0.20x				173100	
Note:i) The above scheme liable to be corrected as per instructions/guidelines issued by the government time to time.						
ii) Any bonafide mistake grammatical or otherwise shall liable to be corrected.						

Divisional Forest Officer
Seraj Forest Division, Banjar
SERAJ BANJAR

COST OF SMC (Soil and Moisture Conservation Plan Cost)

Sr.No	Description	Qty(Area in Hctare)
A	AREA OF FOREST LAND	1.433
B	AREA OF NON FOREST LAND	0.567
C	TOTAL AREA	2.00
D	TOTAL COST OF PROJECT	20496000
E	TOTAL COST OF PROJECT PER HECTARE(D/C)	10248000
F	TOTAL COST OF PROJECT OF FOREST AREA (AREA PROPORTIONATE TO TOTAL LAND TO BE DIVERTED($E \times A$))	14685384
G	TOTAL COST OF PROJECT OF NON FOREST AREA (AREA PROPORTIONATE TO TOTAL LAND TO BE DIVERTED($E \times B$))	5810616
H	TOTAL COST OF SMC PLAN FOR AREA OF DIVERSION FALLING IN FOREST LAND(0.5% OF PROJECT COST .FOR AREA PROPORTIONATE TO FOREST LAND($F \times 0.5 \%$))	73426.92
I	HENCE TOTAL COST OF SMC PLAN FOR AREA FALLING FOREST LAND (1.33HECT.) IS	73426.92


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at Banjar