

## CHECK LIST SERIAL NO.18

## SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS

DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 15 HECTARE TO BE CARRIED OUT IN LIEU OF DIVERSION OF 19.5896 Ha OF FOREST LAND IN FAVOUR OF NHAI, FOR REHABILITATION AND UP-GRADATION TO TWO LANE WITH PAVED SHOULDER CONFIGURATION & STRENGTHENING OF PADHAR TO BJNI ( PACKAGE-VA ) FROM KM 180.00 TO KM 202.815 ( DESIGN LENGTH 19.050 KM ) OF NH-20 ( NEW NH-154 ) OF PATHANKOT- MANDI SECTION IN THE STATE OF HIMACHAL PRADESH WITHIN THE JURISDICTION OF MANDI FOREST DIVISION, DISTT. MANDI H.P

	Detail of degraded forest/Non forest land			Degraded forest	
	District			Mandi.	
	Tehsil			Padhar	
	Name of Division			Mandi	
	Area to be afforested			15 Ha	
Sr. No.	Name of Forest Range	Block	Name of forest	Area in ha.	Survey sheet No.
1	Drang	Padhar	Thanda Magroo-I & II . Shushang	15	53A/13
	<b>Description of area</b>				
(i)	Whether the site selected for CA is land bank or not				Yes.
(ii)	If the CA site is other than land bank, reason be given				-
(iii)	In case of non forest area indentified for CA than what is the				-
(iv)	Soil Type				Sandy loam
(v)	Topography a) Hilly/Universal/Plain				Hilly
(vi)	b) Slope: steep/Medium/ Gentle				Medium
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3	Plantation Model:- Copy of approved Compensatory				Attached.
4	Schedule of Plantation Programme				
<b>Detail of year wise break up of requirement of funds is as under:-</b>					
<b>Compensatory afforestation (1100 plants/Hac.) with RCC Fence Post and 4-strand Barbed wire fencing</b>					
S.No.	Particulars including soil & Moisture conservation.		Qty. in ha	Rate in Rs. ( per ha)	Amount
1	Survey ,Demarcation and Fencing		15	37200	558000
	PLANTING		15	52600	789000
				<b>Total</b>	<b>1347000</b>
	<b>Maintenance</b>				
2	1 <sup>st</sup> year		15	10600	159000
	2 <sup>nd</sup> year		15	7100	106500
	3 <sup>rd</sup> year to 10 <sup>th</sup> year maintenance (8 years)		15	3700	444000
				<b>Total</b>	<b>709500</b>
3	Soil conservation works		15	1,00,000	1500000
4	Removal of invasive species		15	44200	663000
				<b>Total</b>	<b>2163000</b>
<b>A</b>	<b>Grand Total (1 to 4)</b>				<b>4219500</b>
	GST on cost of fence posts = 15 Hac. Per hac. 50 Fence post=750 (Total fence post=750 x 358 per hac=268500@ 18%=48330/-				0
<b>B</b>	<b>Nursery cost</b>	<b>Area</b>	<b>No. of Plants/ha</b>	<b>Total Plants</b>	<b>Rate per plant</b>
		15	1100	16500	23
<b>C</b>	Cost of trees for maintenance @ 70% of original planted plants			11550	23
	<b>Total B&amp;C</b>				<b>6,45,150</b>
	<b>Total (A+B+C)</b>				<b>48,64,650</b>
<b>D</b>	Contingence 5% over the C.A. Scheme				2,43,233
	<b>Total (A+B+C+D)</b>				<b>51,07,883</b>
<b>E</b>	Departmental charges @ 17.5%				8,93,879
	<b>Total amount for 15 ha C.A.Scheme (A+B+C+D+E)</b>				<b>60,01,762</b>

Technical Detail:-					
Technical detail of compensatory afforestation is as under:-					
a.	General detail	The area shall be closed to improve the vegetation cover in the locality to enhance the moisture and water table.			Remarks
b.	Spa cement	3mx3m			
c.	Species	Broad leave.			
d.	Plantation method	Pit digging.			
e.	Soil & moisture conservation works;	Work shall be carried out for the same.			
f.	Protection	Fencing & people participation.			
g.	Proposed Monitoring Mechanism	As per guidelines.			
h.	Any other information	Nil.			
Note:-(i)		Rate of fence post has been charged Rs. 358/--rupees per fence post as fixed by Pr. CCF.H.P. vide letter No. Ft. State Campa/2010 /Norms/Volume 2 dated 21 <sup>st</sup> June 2021. The amount of CA has been calculated as per norms fixed as above.			
Area in Ha.	Fence Post per ha.	Total fence post is to be used at the time of planting	Cost of fence post	Total amount	
15	50	750.0	358	268500	
Note:(ii)		GST on Cost of fence post @ 18%		48330	

Deputy Conservator of Forests  
Mandi Forest Division, Mandi (H.P.)  
Mandi Forest Division Mandi

## CHECK LIST SERIAL NO.18

## SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS

DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 5 HECTARE TO BE CARRIED OUT IN LIEU OF DIVERSION OF 19,5896 Ha OF FOREST LAND IN FAVOUR OF NHAI, FOR REHABILITATION AND UP-GRADATION TO TWO LANE WITH PAVED SHOULDER CONFIGURATION & STRENGTHENING OF PADHAR TO BIJNI ( PACKAGE-VA ) FROM KM 180.00 TO KM 202.815 ( DESIGN LENGTH 19.050 KM ) OF NH-20 ( NEW NH-154 )

	Detail of degraded forest/Non forest land			Degraded forest	
	District			Mandi.	
	Tehsil			Sadar	
	Name of Division			Mandi	
	Area to be afforested			5 Ha	
Sr. No.	Name of Forest Range	Block	Name of forest	Area in ha.	Survey sheet No.
1	Mandi	Rehardhar	Sihnal	5	53E/2
	Description of area				
(i)	Whether the site selected for CA is land bank or not				Yes.
(ii)	If the CA site is other than land bank, reason be given				-
(iii)	In case of non forest area indentified for CA than what is the				-
(iv)	Soil Type				Sandy loam
(v)	Topography a) Hilly/Universal/Plain				Hilly
(vi)	b) Slope: steep/Medium/ Gentle				Medium
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3	Plantation Model:- Copy of approved Compensatory				Attached.
4	Schedule of Plantation Programme				
Detail of year wise break up of requirement of funds is as under:-					
Compensatory afforestation (1100 plants/Hac.) with RCC Fence Post and 4-strand Barbed wire fencing					
S.No.	Particulars including soil & Moisture conservation.		Qty. in ha	Rate in Rs. ( per ha)	Amount
1	Survey ,Demarcation and Fencing		5	37200	186000
	PLANTING		5	52600	263000
				<b>Total</b>	<b>449000</b>
2	Maintenance		5	10600	53000
	1 <sup>st</sup> year		5	7100	35500
	2 <sup>nd</sup> year		5	3700	148000
	3 <sup>rd</sup> year to 10 <sup>th</sup> year maintenance (8 years)			<b>Total</b>	<b>236500</b>
3	Soil conservation works		5	1,00,000	500000
4	Removal of invasive species		5	44200	221000
				<b>Total</b>	<b>721000</b>
A	<b>Grand Total (1 to 4)</b>				<b>1406500</b>
	GST on cost of fence posts = 5 Hac. Per hac. 50 Fence post=250 (Total fence post=250 x 358 per hac=89500@ 18% =16110/-				0
B	Nursery cost	Area	No. of Plants/ha	Total Plants	Rate per plant
		5	1100	5500	23
				3850	23
C	Cost of trees for maintenance @ 70% of original planted plants				2,15,050
	<b>Total B&amp;C</b>				<b>16,21,550</b>
	<b>Total (A+B+C)</b>				<b>81,078</b>
D	Contingence 5% over the C.A. Scheme				17,02,628
	<b>Total (A+B+C+D)</b>				<b>2,97,960</b>
E	Departmental charges @ 17.5%				20,00,587
	<b>Total amount for 5 ha CA Scheme (A+B+C+D+E)</b>				<b>20,00,587</b>

Technical Detail:-					
Technical detail of compensatory afforestation is as under:-					
a.	General detail	The area shall be closed to improve the vegetation cover in the locality to enhance the moisture and water table.			Remarks
b.	Spa cement	3mx3m			
c.	Species	Broad leave.			
d.	Plantation method	Pit digging.			
e.	Soil & moisture conservation works;	Work shall be carried out for the same.			
f.	Protection	Fencing & people participation.			
g.	Proposed Monitoring Mechanism	As per guidelines.			
h.	Any other information	Nil.			
Note:-(i)		Rate of fence post has been charged Rs. 358/--rupees per fence post as fixed by Pr. CCF.H.P. vide letter No. Ft. State Campa/2010 /Norms/Volume 2 dated 21 <sup>th</sup> June 2021. The amount of CA has been calculated as per norms fixed as above.			
Area in Ha.	Fence Post per ha.	Total fence post is to be used at the time of planting	Cost of fence post	Total amount	
5	50	250.0	358	89500	
Note:(ii)	GST on Cost of fence post @ 18%			16110	

Deputy Conservator of Forests  
Mandi Forest Division, Mandi (H.P.)

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## SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS

DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 10 HECTARE TO BE CARRIED OUT IN LIEU OF DIVERSION OF 19.5896 Ha OF FOREST LAND IN FAVOUR OF NHAI, FOR REHABILITATION AND UP-GRADATION TO TWO LANE WITH PAVED SHOULDER CONFIGURATION & STRENGTHENING OF PADHAR TO BIJNI ( PACKAGE-VA ) FROM KM 180.00 TO KM 202.815 ( DESIGN LENGTH 19.050 KM ) OF NH-20 ( NEW NH-154 ) OF PATHANKOT- MANDI SECTION IN THE STATE OF HIMACHAL PRADESH WITHIN THE JURISDICTION OF MANDI FOREST DIVISION, DISTT. MANDI H.P

Detail of degraded forest/Non forest land				Degraded forest	
District				Mandi.	
Tehsil				Sadar	
Name of Division				Mandi	
Area to be afforested				10 Ha	
Sr. No.	Name of Forest Range	Block	Name of forest	Area in ha.	Survey sheet No.
1	Mandi	Rehardhar	Tung	10	53A/14
<b>Description of area</b>					
(i)	Whether the site selected for CA is land bank or not				Yes.
(ii)	If the CA site is other than land bank, reason be given				-
(iii)	In case of non forest area indentified for CA than what is the				-
(iv)	Soil Type				Sandy loam
(v)	Topography a) Hilly/Universal/Plain				Hilly
(vi)	b) Slope: steep/Medium/ Gentle				Medium
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3	Plantation Model:- Copy of approved Compensatory				Attached.
4	Schedule of Plantation Programme				
<b>Detail of year wise break up of requirement of funds is as under:-</b>					
<b>Compensatory afforestation (1100 plants/Hac.) with RCC Fence Post and 4-strand Barbed wire fencing</b>					
S.No.	Particulars including soil & Moisture conservation.	Qty. in ha	Rate in Rs. ( per ha)	Amount	
1	Survey, Demarcation and Fencing	10	37200	372000	
	PLANTING	10	52600	526000	
			<b>Total</b>	<b>898000</b>	
	<b>Maintenance</b>				
2	1 <sup>st</sup> year	10	10600	106000	
	2 <sup>nd</sup> year	10	7100	71000	
	3 <sup>rd</sup> year to 10 <sup>th</sup> year maintenance (8 years)	10	3700	296000	
			<b>Total</b>	<b>473000</b>	
3	Soil conservation works	10	1,00,000	1000000	
4	Removal of invasive species	10	44200	442000	
			<b>Total</b>	<b>1442000</b>	
<b>A</b>	<b>Grand Total (1 to 4)</b>				<b>2813000</b>
	GST on cost of fence posts = 10 Hac. Per hac. 50 Fence post=500 (Total fence post=500 x 358 per hac=179000@ 18%=32220/-				0
B	Nursery cost	Area	No. of Plants/ha	Total Plants	Rate per plant
		10	1100	11000	23
					2,53,000
C	Cost of trees for maintenance @ 70% of original planted plants				7700
	Total B&C				4,30,100
	Total (A+B+C)				32,43,100
D	Contingence 5% over the C.A. Scheme				1,62,155
	Total (A+B+C+D)				34,05,255
E	Departmental charges @ 17.5%				5,95,920
	Total amount for 10 ha CA Scheme (A+B+C+D+E)				40,01,175

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Technical Detail:-					
Technical detail of compensatory afforestation is as under:-					
a.	General detail	The area shall be closed to improve the vegetation cover in the locality to			Remarks
b.	Spa cement	3mx3m			
c.	Species	Broad leave.			
d.	Plantation method	Pit digging.			
e.	Soil & moisture conservation works;	Work shall be carried out for the same.			
f.	Protection	Fencing & people participation.			
g.	Proposed Monitoring Mechanism	As per guidelines.			
h.	Any other information	Nil.			
Note:-(i)		Rate of fence post has been charged Rs. 358/--rupees per fence post as fixed by Pr. CCF.H.P. vide letter No. Ft. State Campa/2010 /Norms/Volume 2 dated 21 <sup>th</sup> June 2021. The amount of CA has been calculated as per norms fixed as above.			
Area in Ha.	Fence Post per ha.	Total fence post is to be used at the time of planting	Cost of fence post	Total amount	
10	50	500.0	358	179000	
Note:(ii)		GST on Cost of fence post @ 18%		32220	

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## SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS

## DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 5 HECTARE TO BE CARRIED OUT IN LIEU OF

Detail of degraded forest/Non forest land		Degraded forest
District		Mandi.
Tehsil		Aut
Name of Division		Mandi
Area to be afforested		5 Ha

Sr. No.	Name of Forest Range	Block	Name of forest	Area in ha.	Survey sheet No.
1	Panarsa	Aut	Baja	5	53E/2

Description of area		
(i)	Whether the site selected for CA is land bank or not	Yes.
(ii)	If the CA site is other than land bank, reason be given	-
(iii)	In case of non forest area indentified for CA than what is the	-
(iv)	Soil Type	Sandy loam
(v)	Topography a) Hilly/Universal/Plain	Hilly
(vi)	b) Slope: steep/Medium/ Gentle	Medium
(vii)	Whether the area is bearing any root stock of vegetation	Bushes.
3	Plantation Model:- Copy of approved Compensatory	Attached.
4	Schedule of Plantation Programme	

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

Compensatory afforestation (1100 plants/Hac.) with RCC Fence Post and 4-strand Barbed wire fencing				
S.No.	Particulars including soil & Moisture conservation.	Qty. in ha	Rate in Rs. ( per ha)	Amount
1	Survey, Demarcation and Fencing	5	37200	186000
	PLANTING	5	52600	263000
			<b>Total</b>	<b>449000</b>
2	Maintenance			
	1 <sup>st</sup> year	5	10600	53000
	2 <sup>nd</sup> year	5	7100	35500
	3 <sup>rd</sup> year to 10 <sup>th</sup> year maintenance (8 years)	5	3700	148000
			<b>Total</b>	<b>236500</b>
3	Soil conservation works	5	1,00,000	500000
4	Removal of invasive species	5	44200	221000
			<b>Total</b>	<b>721000</b>

<b>A</b>	<b>Grand Total (1 to 4)</b>	<b>1406500</b>
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	GST on cost of fence posts = 5 Hac. Per hac. 50 Fence post=250 (Total fence post=250 x 358 per hac=89500@ 18% =16110/-	0
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B	Nursery cost		Total Plants	Rate per plant	
	Area	No. of Plants/ha			
	5	1100	5500	23	1,26,500

C	Cost of trees for maintenance @ 70% of original planted plants	3850	23	88,550
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	<b>Total B&amp;C</b>	<b>2,15,050</b>
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	<b>Total (A+B+C)</b>	<b>16,21,550</b>
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D	Contingence 5% over the C.A. Scheme	81,078
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	<b>Total (A+B+C+D)</b>	<b>17,02,628</b>
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E	Departmental charges @ 17.5%	2,97,960
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	<b>Total amount for 5 ha C.A Scheme (A+B+C+D+E)</b>	<b>20,00,587</b>
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Technical Detail:-					
Technical detail of compensatory afforestation is as under:-					
a.	General detail	The area shall be closed to improve the vegetation cover in the locality to			Remarks
b.	Spa cement	3mx3m			
c.	Species	Broad leave.			
d.	Plantation method	Pit digging.			
e.	Soil & moisture conservation works;	Work shall be carried out for the same.			
f.	Protection	Fencing & people participation.			
g.	Proposed Monitoring Mechanism	As per guidelines.			
h.	Any other information	Nil.			
Note:-(i)		Rate of fence post has been charged Rs. 358/-rupees per fence post as fixed by Pr. CCF.H.P. vide letter No. Ft. State Campa/2010 /Norms/Volume 2 dated 21 <sup>th</sup> June 2021. The amount of CA has been calculated as per norms fixed as above.			
Area in Ha.	Fence Post per ha.	Total fence post is to be used at the time of planting	Cost of fence post	Total amount	
5	50	250.0	358	89500	
Note:(ii)		GST on Cost of fence post @ 18%		16110	

Deputy Conservator of Forests  
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DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 5 HECTARE TO BE CARRIED OUT IN LIEU OF DIVERSION OF 19.5896 Ha OF FOREST LAND IN FAVOUR OF NHAI, FOR REHABILITATION AND UP-GRADATION TO TWO LANE WITH PAVED SHOULDER CONFIGURATION & STRENGTHENING OF PADHAR TO BIJNI ( PACKAGE-VA ) FROM KM 180.00 TO KM 202.815 ( DESIGN LENGTH 19.050 KM ) OF NH-20 ( NEW NH-154 ) OF PATHANKOT- MANDI SECTION IN THE STATE OF HIMACHAL PRADESH WITHIN THE JURISDICTION OF MANDI FOREST DIVISION, DISTT. MANDI H.P

Detail of degraded forest/Non forest land		Degraded forest			
District		Mandi.			
Tehsil		Aut			
Name of Division		Mandi			
Area to be afforested		5 Ha			
Sr. No.	Name of Forest Range	Block	Name of forest	Area in ha.	Survey sheet No.
1	Panarsa	Piun	Bandhi	5	53E/2
Description of area					
(i)	Whether the site selected for CA is land bank or not				Yes.
(ii)	If the CA site is other than land bank, reason be given				-
(iii)	In case of non forest area indentified for CA than what is the				-
(iv)	Soil Type				Sandy loam
(v)	Topography a) Hilly/Universal/Plain				Hilly
(vi)	b) Slope: steep/Medium/ Gentle				Medium
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3	Plantation Model:- Copy of approved Compensatory				Attached.
4	Schedule of Plantation Programme				
Detail of year wise break up of requirement of funds is as under:-					
Compensatory afforestation (1100 plants/Hac.) with RCC Fence Post and 4-strand Barbed wire fencing					
S.No.	Particulars including soil & Moisture conservation.		Qty. in ha	Rate in Rs. ( per ha)	Amount
1	Survey ,Demarcation and Fencing		5	37200	186000
	PLANTING		5	52600	263000
				<b>Total</b>	<b>449000</b>
2	Maintenance		5	10600	53000
	1 <sup>st</sup> year		5	7100	35500
	2 <sup>nd</sup> year		5	3700	148000
	3 <sup>rd</sup> year to 10 <sup>th</sup> year maintenance (8 years)			<b>Total</b>	<b>236500</b>
3	Soil conservation works		5	1,00,000	500000
4	Removal of invasive species		5	44200	221000
				<b>Total</b>	<b>721000</b>
<b>Grand Total (1 to 4)</b>					<b>1406500</b>
A					
	GST on cost of fence posts = 5 Hac. Per hac. 50 Fence post=250 (Total fence post=250 x 358 per hac=89500 @ 18% =16110/-				0
B	Nursery cost	Area	No. of Plants/ha	Total Plants	Rate per plant
		5	1100	5500	23
C	Cost of trees for maintenance @ 70% of original planted plants				88,550
	<b>Total B&amp;C</b>				<b>2,15,050</b>
	<b>Total (A+B+C)</b>				<b>16,21,550</b>
D	Contingence 5% over the C.A. Scheme				81,078
	<b>Total (A+B+C+D)</b>				<b>17,02,628</b>
E	Departmental charges @ 17.5%				2,97,960
	<b>Total amount for 5 ha CA Scheme (A+B+C+D+E)</b>				<b>20,00,587</b>

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Technical Detail:-					
Technical detail of compensatory afforestation is as under:-					
a.	General detail	The area shall be closed to improve the vegetation cover in the locality to enhance the moisture and water table.			Remarks
b.	Spa cement	3mx3m			
c.	Species	Broad leave.			
d.	Plantation method	Pit digging.			
e.	Soil & moisture conservation works;	Work shall be carried out for the same.			
f.	Protection	Fencing & people participation.			
g.	Proposed Monitoring Mechanism	As per guidelines.			
h.	Any other information	Nil.			
Note:-(i)		Rate of fence post has been charged Rs. 358/--rupees per fence post as fixed by Pr. CCF.H.P. vide letter No. Ft. State Campa/2010 /Norms/Volume 2 dated 21 <sup>st</sup> June 2021. The amount of CA has been calculated as per norms fixed as above.			
Area in Ha.	Fence Post per ha.	Total fence post is to be used at the time of planting	Cost of fence post	Total amount	
5	50	250.0	358	89500	
Note:(ii)		GST on Cost of fence post @ 18%		16110	

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Mandi Forest Division, Mandi (H.P.)  
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