

**GOVERNMENT OF JAMMU AND KASHMIR**  
**OFFICE OF THE DIVISIONAL FOREST OFFICER**  
**BASOHLI FOREST DIVISION**  
**BASOHLI**  
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**The Conservator of Forests,**  
**East Circle,**  
**Jammu.**

No. 332-35/BSL/21-22

Dated: 24-04-2021

**Sub: Reply to EDS raised by IRO, Jammu in Trimbli to Dheota PMGSY road.**


**Ref: MOEF& CC IRO, Jammu's file No. 9-JKC-027/2021-Jammu dated: 14.04.2021**

Sir,

On the subject & reference cited above, the reply of the EDS raised by IRO, Jammu in Trimbli to Dheota PMGSY road is tabulated below:

S. No	Essential Details Sought by IRO, Jammu	Reply
1	Detailed muck disposal plan to be submitted.	Uploaded on PARIVESH by the User Agency and also by the undersigned Additional Information Details at Page No. 02 to 19 of the pdf.
2	CA estimate is not clear whether it fulfills the criteria of elements of CA given under para 2.8 (ii) of FCA, 1980 guidelines. Need to checked and verified	The revised CA Plan as per the Model CA Scheme is uploaded as Additional Information, Details at Page No. 19 to 21 of the pdf.
3	Enumeration list of trees/ plants to be impacted to be submitted.	User Agency vide No. EE/PMGSY/Kua/90-93 dated 23-04-2021 reported that no muck disposal sites outside the forest land are available thus enumeration list of trees/plants may not be impacted.
4	Copy of the administration approval of the project by ministry of Rural DEVELOPMENT dated 05/08/2016 to be submitted.	Uploaded as Additional Information Details at Page No. 22 to 25 of the pdf file.
5	On DSS/Google Earth the area of KML file of CA site is 21 Ha out of which 8.5 Ha vacant space is available. Additional area of 1.635 Ha is required for target plantation.	The numbers of plants to be planted have been decided as per the space available in the proposed CA site. As such, there is no further requirement of additional area for CA scheme. The revised CA Plan as per the Model CA Scheme has also been uploaded on PARIVESH.

Yours faithfully,

  
**(Ravinder Singh) SFS**  
**Divisional Forest Officer**  
**Basohli Forest Division**  
**Basohli**

**Copy submitted to:**

1. The Additional Principal Chief Conservator of Forests (FCA), Nodal Officer, O/o Principal Chief Conservator of Forests, J&K Govt., Jammu for his kind information and necessary action.
2. The Regional Officer, IRO, MoEF&CC, Jammu for his kind information & further necessary action.
3. Chief Conservator of Forests, Jammu for his kind information.

  
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## MUCK DISPOSAL PLAN

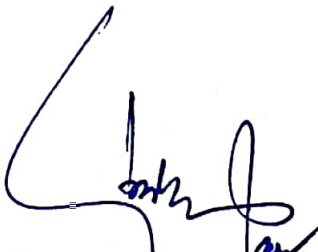
NAME OF THE PROPOSAL : CONSTRUCTION OF ROAD FROM TREMBLI  
TO DEOTA

Proposal No:- FP/JK/ROAD/46769/2020

Date of Proposal:- 25/06/2020

### DETAIL OF MUCK/DEBRIS TO BE PRODUCED

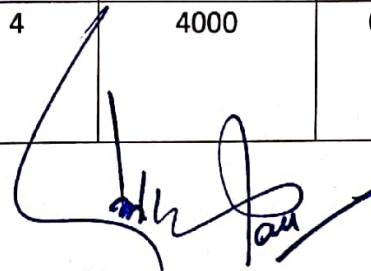
S No	Description of Item	Quantity (cum)
1	Total Quantity of muck to be produced from forest land during construction	1,79,928
2	To be used for soling of road, wearing of road and filling behind retaining walls of road (35% soil)	62974
3	To be used locally for construction of road (50% stone)	89964
4	Total Quantity to be used (2+3)	152938
5	Net Quantity to be dumped (1-4)	26990
6	Swell Factor 18%	4858
7	Total Quantity to be dumped (5+6)	31848

  
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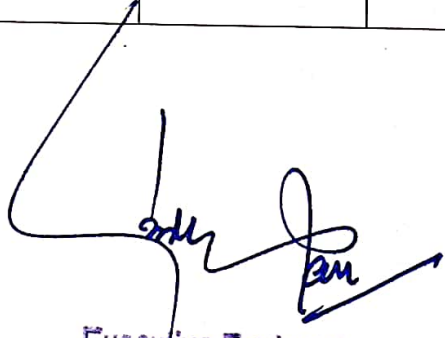
**STATEMENT SHOWING DETAIL OF PLACES FOR DISPOSAL OF**  
**MUCK/DEBRIS DUE TO CONSTRUCTION OF ROAD FROM TREMBLI TO**  
**DEOTA**

S No	Name of Dumping Place	Location of Dumping Place	Slope of Dumping Place	Length(m), Width(m) and Area(sq.m) of Dumping Place	Height of Dump expected (m)	Quantity of Muck be Dumped (cum)	Remarks (Area in hectares)
1	Dumping Site-1	7/175	-	25x40=1000	4	4000	0.10
2	Dumping Site-2	7/200	-	25x40=1000	4	4000	0.10
3	Dumping Site-3	11/375	-	25x40=1000	4	4000	0.10
4	Dumping Site-4	12/600	-	25x40=1000	4	4000	0.10
5	Dumping site-5	12/950	-	25x40=1000	4	4000	0.10
6	Dumping	14/800	-	25x40=1000	4	4000	0.10



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	Site-6			0			
7	Dumping site-7	16/400	-	25x40=100 0	4	4000	0.10
8	Dumping Site-8	20/175	-	25x40=100 0	4	4000	0.10
<b>Total</b>						<b>32000</b>	<b>0.80</b>



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**STATEMENT SHOWING DUMPING QUANTITY OF MUCK/DEBRIS TO BE  
DUMPED WITH OTHER DETAIL FOR PROJECT CONSTRUCTION OF  
ROAD FROM TREMBLI TO DEOTA**

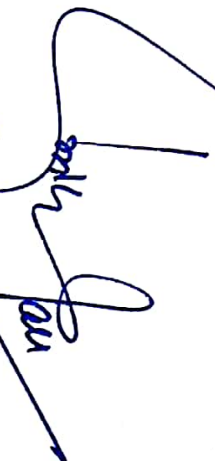
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
S No	Name of Component from Muck / Debris is to be produced	Total Qty. of Muck/Debris to be produced (cum)	Qty. of Muck/Debris to be utilized locally	Qty. of Muck/ Debris to be dumped (cum)	Factor of increase in volume for dumping	Qty. of Muck/ Debris to be dumped on the basis of increase(cum)	Name of Dumping Places	Slope of Dumping Place	Location of Dumping Place	Distance of Dumping Place from River	Area of Dumping Place (Ha)	Area of forest land involved in Dumping Place	Height of Muck Dump Expected	Remarks
1	Formation cutting work of forest land	1,79,928	152938	26990	18%	31848	Dumping Site 1,2,3,4,5,6,7,8.	-	7/175 7/200 11/375 12/600 12/950 14/800 16/400 20/175	-	0.80	Nil	4	

  
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**STATEMENT SHOWING COMPLETE DETAILS FOR THE CONSTRUCTION OF ROAD FROM TREMBLI TO DEOTA**

S No	RD		Distance in mtr			Width of Right of Way (m)	Area of Road		Total Area of Forest Land (Ha)	Name of Village	Qty of Muck to be produced	Qty of Muck to be utilized locally	Swelling Factor	Qty of Muck to be dumped in dumping places
	From	To	Forest Land (m)	Non Forest Land (m)	Total (m)		Forest Land (sqm)	Non Forest Land						
1	0	830	0	300	800	6	0	4800						
2	830	1900	1100	0	1100	6	6600	0						
3	1900	5025	0	0	4175	6	0	0						
4	6025	12375	6950	0	6550	6	41700	0						
5	12375	13575	0	500	600	6	0	3600						
6	13575	20200	6625	0	6625	6	39750	0						
7	20200	22100	0	1900	1500	6	0	11400	10.385	Hottar, Kund, Deota.	179928	152538	1.13	31848
8	22100	23400	1300	0	1300	6	7800	0						
9			25	0	25	40	1800	0						
10			25	0	25	40	1000	0						
11			25	0	25	40	1000	0						
14			25	0	25	40	1000	0						
15			25	0	25	40	1000	0						
16			25	0	25	40	1000	0						
17			25	0	25	40	1000	0						
18			25	0	25	40	1000	0						

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## IMPLEMENTATION OF ENGINEERING MEASURES AT MUCK DUMPING

### SITES:

It has been observed that after disposal of muck, it creates problem as it is susceptible to scattering unless the muck disposal yards are supported with engineering measures such as protective walls. All the dumping sites need proper handling to avoid spilling of muck while dumping and in the post dumping stages. All the muck disposal sites have to be developed from the ground level either by providing stone masonry or by gabion structure (Crate Walls). Two Layered Crate Walls will be provided to support disposed muck. In all the muck dumping sites, the muck brought in by dumpers shall be dumped and manually spread and roller compacted in such a way that rock mass is properly stacked behind the Crate Walls with minimum of voids.

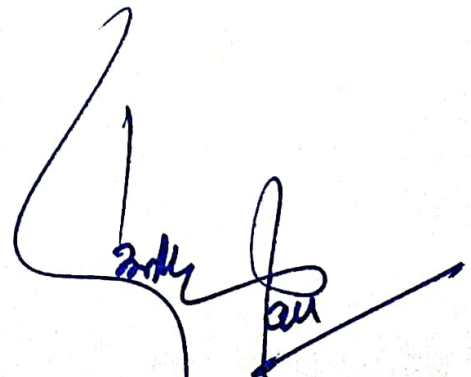
1. Dumping Site-1:- 25 x 40: Crate Wall Required:- 25+40+40 = 105 Rmt
2. Dumping Site-2:- 25 x 40: Crate Wall Required :- 25+40+40 = 105 Rmt
3. Dumping Site-3:- 25 x 40: Crate Wall Required :- 25+40+40 = 105 Rmt
4. Dumping site -4:-25x 40: Crate Wall Required :-25+40+40 = 105 Rmt
5. Dumping Site-5:- 25x 40: Crate Wall Required :-25+40+40 = 105Rmt
6. Dumping Site-6:-25x 40:Crate Wall Required :- 25+40+40 =105Rmt
7. Dumping Site-7:-25x 40:-Crate Wall Required:- 25+40+40= 105Rmt
8. Dumping Site-8:-25x 40:-Crate Wall Required :-25+40+40= 105Rmt

Total Length of Crate Wall Required = 105 x 8No.s = 840 Rmt

Rate per Rmt of Crate Wall as per model plan provided by PMGSY Jammu = Rs 3735.00 / Rmt

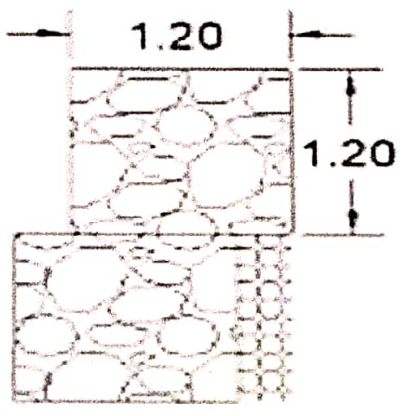
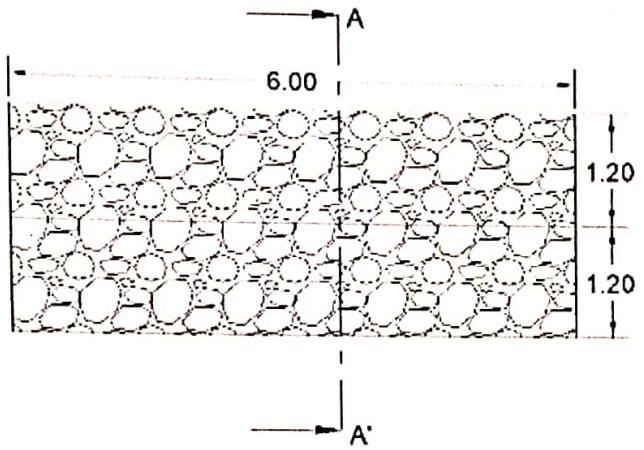
Total Amount of Crate Wall = 840 x 3735 = Rs 31,37,400 = Rs 31.37 Lacs

This amount required for Crate 31.37 lacs.



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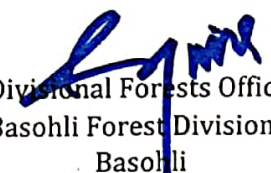
**Abstract of Biological measures for stabilization of Muck Dumping sites of road from Trimbli to Dheota**

S.No	Particular	Area ( in Ha)	Amount
1	Muck Dumping Site-I	0.1	0.46
2	Muck Dumping Site-II	0.1	0.46
3	Muck Dumping Site-III	0.1	0.46
4	Muck Dumping Site-IV	0.1	0.46
5	Muck Dumping Site-V	0.1	0.46
6	Muck Dumping Site-VI	0.1	0.46
7	Muck Dumping Site-VII	0.1	0.46
8	Muck Dumping Site-VIII	0.1	0.46
<b>Total</b>		<b>0.80</b>	<b>3.68</b>

  
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**Biological measures for stabilization of Muck Dumping site-I of road from Trimbli to Dheota Area (0.1 Ha)**

S.NO	Item of work	Unit	Quantity	Rate	Amount (in lacs)
1	Fencing- using square PCC fence posts conforming to product code PCFP-3 at spacing of 8 feet and 4 strands of black annealed barbed wire conforming to the product code BA-BW. Atleast every 10th fence post along the Straight fence line and every fence post at the corner the fixed in the cement concrete block of size 1'.6" x1' x1' .	Rft.	450	72.78	0.33
	<b>Total</b>				<b>0.33</b>
2	<b>Afforestation (1st Year)</b>				
i	<b>Plantation:</b> Poly bagged Planting of fast-growing soil binding local species (Trees/Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour.	Nos.	100	29.34	0.03
ii	<b>Agave:</b> Agave bulbs planted between interspaces of plants, open spaces & along the fence line.	Nos.	100	15.45	0.02
iii	<b>Grass Slips</b> (Soil binding grass Viz. vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	100	6.35	0.01
iv	<b>Cutting:</b> Ipomea/Vitex/Popular/Salix/... (Area specific)	Nos.	100	6	0.01
v	<b>Seed Ball:</b> Broad casting/dibbling of seed balls	Nos.	100	2.35	0.002
	<b>Total</b>				<b>0.06</b>
3	<b>Maintenance for 9 years :</b> 2nd year @25% + 3rd year @ 10% + 4th year to 10 th year 7 x @5% = 70% of afforestation	Year			0.03
	<b>Total</b>				<b>0.03</b>
	<b>Total (1+2+3)</b>				<b>0.42</b>
4	Overhead 10% of total				0.04
	<b>Grand Total</b>				<b>0.46</b>

  
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**Biological measures for stabilization of Muck Dumping site-II of road from Trimbli to Dheota Area (0.1 Ha)**

S.NO	Item of work	Unit	Quantity	Rate	Amount (in lacs)
1	Fencing- using square PCC fence posts conforming to product code PCFP-3 at spacing of 8 feet and 4 strands of black annealed barbed wire conforming to the product code BA-BW. Atleast every 10th fence post along the Straight fence line and every fence post at the corner the fixed in the cement concrete block of size 1'6" x1' x1'.	Rft.	450	72.78	0.33
	<b>Total</b>				<b>0.33</b>
2	<b>Afforestation (1st Year)</b>				
i	<b>Plantation:</b> Poly bagged Planting of fast-growing soil binding local species (Trees/Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour.	Nos.	100	29.34	0.03
ii	<b>Agave:</b> Agave bulbs planted between interspaces of plants, open spaces & along the fence line	Nos.	100	15.45	0.02
iii	<b>Grass Slips</b> (Soil binding grass Viz. vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	100	6.35	0.01
iv	<b>Cutting:</b> Ipomea/Vitex/Popular/Salix/... (Area specific)	Nos.	100	6	0.01
v	<b>Seed Ball:</b> Broad casting/dibbling of seed balls	Nos.	100	2.35	0.002
	<b>Total</b>				<b>0.06</b>
3	<b>Maintenance for 9 years :</b> 2nd year @25% + 3rd year @ 10% + 4th year to 10 th year 7 x @5% = 70% of afforestation	Year			0.03
	<b>Total</b>				<b>0.03</b>
	<b>Total (1+2+3)</b>				<b>0.42</b>
4	Overhead 10% of total				0.04
	<b>Grand Total</b>				<b>0.46</b>

  
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**Biological measures for stabilization of Muck Dumping site-III of road from Trimbli to Dheota Area (0.1 Ha)**

S.NO	Item of work	Unit	Quantity	Rate	Amount (in lacs)
1	Fencing- using square PCC fence posts conforming to product code PCFP-3 at spacing of 8 feet and 4 strands of black annealed barbed wire conforming to the product code BA-BW. Atleast every 10th fence post along the Straight fence line and every fence post at the corner the fixed in the cement concrete block of size 1'.6" x1' x1'.	Rft.	450	72.78	0.33
	<b>Total</b>				<b>0.33</b>
2	<b>Afforestation (1st Year)</b>				
i	<b>Plantation:</b> Poly baggeed Planting of fast-growing soil binding local species (Trees/Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour.	Nos.	100	29.34	0.03
ii	<b>Agave:</b> Agave bulbs planted between interspaces of plants, open spaces & along the fence line	Nos.	100	15.45	0.02
iii	<b>Grass Slips</b> (Soil binding grass Viz. vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	100	6.35	0.01
iv	<b>Cutting:</b> Ipomea/Vitex/Popular/Salix/Mulberry (Area specific)	Nos.	100	6	0.01
v	<b>Seed Ball:</b> Broad casting/dibbling of seed balls	Nos.	100	2.35	0.002
	<b>Total</b>				<b>0.06</b>
3	<b>Maintenance for 9 years :</b> 2nd year @25% + 3rd year @ 10% + 4th year to 10 th year 7 x @5% = 70% of afforestation	Year			0.03
	<b>Total</b>				<b>0.03</b>
	<b>Total (1+2+3)</b>				<b>0.42</b>
4	Overhead 10% of total				0.04
	<b>Grand Total</b>				<b>0.46</b>

  
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**Biological measures for stabilization of Muck Dumping site-IV of road from Trimbli to Dheota Area (0.1 Ha)**

S.NO	Item of work	Unit	Quantity	Rate	Amount (in lacs)
1	Fencing- using square PCC fence posts conforming to product code PCFP-3 at spacing of 8 feet and 4 strands of black annealed barbed wire conforming to the product code BA-BW. Atleast every 10th fence post along the Straight fence line and every fence post at the corner the fixed in the cement concrete block of size 1'.6" x1' x1' .	Rft.	450	72.78	0.33
	<b>Total</b>				<b>0.33</b>
2	<b>Afforestation (1st Year)</b>				
i	<b>Plantation:</b> Poly bagged Planting of fast-growing soil binding local species (Trees/Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour.	Nos.	100	29.34	0.03
ii	<b>Agave:</b> Agave bulbs planted between interspaces of plants, open spaces & along the fence line	Nos.	100	15.45	0.02
iii	<b>Grass Slips</b> (Soil binding grass Viz. vetivers, Napier, Saccharum munja & Arundo donax	Nos.	100	6.35	0.01
iv	<b>Cutting:</b> Ipomea/Vitex/Popular/Salix/ (Area specific)	Nos.	100	6	0.01
v	<b>Seed Ball:</b> Broad casting/dibbling of seed balls	Nos.	100	2.35	0.002
	<b>Total</b>				<b>0.06</b>
3	<b>Maintenance for 9 years :</b> 2nd year @25% + 3rd year @ 10% + 4th year to 10 th year 7 x @5% = 70% of afforestation	Year			0.03
	<b>Total</b>				<b>0.03</b>
	<b>Total (1+2+3)</b>				<b>0.42</b>
4	Overhead 10% of total				0.04
	<b>Grand Total</b>				<b>0.46</b>

  
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 Basohli Forest Division  
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**Biological measures for stabilization of Muck Dumping site-V of road from Trimbli to Dheota, Area (0.1 Ha)**


S.NO	Item of work	Unit	Quantity	Rate	Amount (in lacs)
1	Fencing- using square PCC fence posts conforming to product code PCFP-3 at spacing of 8 feet and 4 strands of black annealed barbed wire conforming to the product code BA-BW. Atleast every 10th fence post along the Straight fence line and every fence post at the corner the fixed in the cement concrete block of size 1'.6" x1' x1' .	Rft.	450	72.78	0.33
	<b>Total</b>				<b>0.33</b>
2	<b>Afforestation (Ist Year)</b>				
i	<b>Plantation:</b> Poly bagged Planting of fast-growing soil binding local species (Trees/Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour.	Nos.	100	29.34	0.03
ii	<b>Agave:</b> Agave bulbs planted between interspaces of plants, open spaces & along the fence line	Nos.	100	15.45	0.02
iii	<b>Grass Slips</b> (Soil binding grass Viz. vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	100	6.35	0.01
iv	<b>Cutting:</b> Ipomea/Vitex/Popular/Salix/Mulberry (Area specific)	Nos.	100	6	0.01
v	<b>Seed Ball:</b> Broad casting/dibbling of seed balls	Nos.	100	2.35	0.002
	<b>Total</b>				<b>0.06</b>
3	<b>Maintenance for 9 years :</b> 2nd year @25% + 3rd year @ 10% + 4th year to 10 th year 7 x @5% = 70% of afforestation	Year			<b>0.03</b>
	<b>Total</b>				<b>0.03</b>
	<b>Total (1+2+3)</b>				<b>0.42</b>
4	Overhead 10% of total				0.04
	<b>Grand Total</b>				<b>0.46</b>

  
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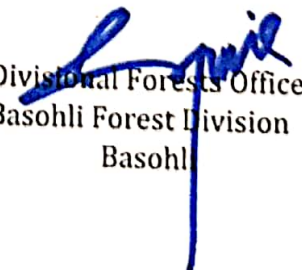
**Biological measures for stabilization of Muck Dumping site-VI of road from Trimbli to Dheota, Area (0.1 Ha)**

S.NO	Item of work	Unit	Quantity	Rate	Amount (in lacs)
1	Fencing- using square PCC fence posts conforming to product code PCFP-3 at spacing of 8 feet and 4 strands of black annealed barbed wire conforming to the product code BA-BW. Atleast every 10th fence post along the Straight fence line and every fence post at the corner the fixed in the cement concrete block of size 1'.6" x1' x1' .	Rft.	450	72.78	0.33
	<b>Total</b>				<b>0.33</b>
2	<b>Afforestation (1st Year)</b>				
i	<b>Plantation:</b> Poly baggeed Planting of fast-growing soil binding local species (Trees/Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour.	Nos.	100	29.34	0.03
ii	<b>Agave:</b> Agave bulbs planted between interspaces of plants, open spaces & along the fence line of site.	Nos.	100	15.45	0.02
iii	<b>Grass Slips</b> (Soil binding grass Viz. vetivers, Napier, Saccharum munja & Arundo donax	Nos.	100	6.35	0.01
iv	<b>Cutting:</b> Ipomea/Vitex/Popular/Salix/ (Area specific)	Nos.	100	6	0.01
v	<b>Seed Ball:</b> Broad casting/dibbling of seed balls	Nos.	100	2.35	0.002
	<b>Total</b>				<b>0.06</b>
3	<b>Maintenance for 9 years :</b> 2nd year @25% + 3rd year @ 10% + 4th year to 10 th year 7 x @5% = 70% of afforestation	Year			0.03
	<b>Total</b>				<b>0.03</b>
	<b>Total (1+2+3)</b>				<b>0.42</b>
4	Overhead 10% of total				0.04
	<b>Grand Total</b>				<b>0.46</b>

  
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 Basohli Forest Division  
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**Biological measures for stabilization of Muck Dumping site-VII of road from Trimbli to Dheota, Area (0.1 Ha)**

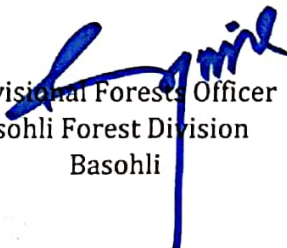
S.NO	Item of work	Unit	Quantity	Rate	Amount (in lacs)
1	Fencing- using square PCC fence posts conforming to product code PCFP-3 at spacing of 8 feet and 4 strands of black annealed barbed wire conforming to the product code BA-BW. Atleast every 10th fence post along the Straight fence line and every fence post at the corner the fixed in the cement concrete block of size 1'.6" x1' x1'.	Rft.	450	72.78	0.33
	<b>Total</b>				<b>0.33</b>
2	<b>Afforestation (1st Year)</b>				
i	<b>Plantation:</b> Poly bagged Planting of fast-growing soil binding local species (Trees/Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour.	Nos.	100	29.34	0.03
ii	<b>Agave:</b> Agave bulbs planted between interspaces of plants, open spaces & along the fence line.	Nos.	100	15.45	0.02
iii	<b>Grass Slips</b> (Soil binding grass Viz. vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	100	6.35	0.01
iv	<b>Cutting:</b> Ipomea/Vitex/Popular/Salix/... (Area specific)	Nos.	100	6	0.01
v	<b>Seed Ball:</b> Broad casting/dibbling of seed balls	Nos.	100	2.35	0.002
	<b>Total</b>				<b>0.06</b>
3	<b>Maintenance for 9 years:</b> 2nd year @25% + 3rd year @ 10% + 4th year to 10 th year 7 x @5% = 70% of afforestation	Year			0.03
	<b>Total</b>				<b>0.03</b>
	<b>Total (1+2+3)</b>				<b>0.42</b>
4	Overhead 10% of total				0.04
	<b>Grand Total</b>				<b>0.46</b>

  
 Divisional Forests Officer  
 Basohli Forest Division  
 Basohli



**Biological measures for stabilization of Muck Dumping site-VIII of road from Trimbli to Dheota, Area (0.1 Ha)**

S.NO	Item of work	Unit	Quantity	Rate	Amount (in lacs)
1	Fencing- using square PCC fence posts conforming to product code PCFP-3 at spacing of 8 feet and 4 strands of black annealed barbed wire conforming to the product code BA-BW. Atleast every 10th fence post along the Straight fence line and every fence post at the corner the fixed in the cement concrete block of size 1'.6" x1' x1' .	Rft.	450	72.78	0.33
	<b>Total</b>				<b>0.33</b>
2	<b>Afforestation (1st Year)</b>				
i	<b>Plantation:</b> Poly baggeed Planting of fast-growing soil binding local species (Trees/Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour.	Nos.	100	29.34	0.03
ii	<b>Agave:</b> Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size.	Nos.	100	15.45	0.02
iii	<b>Grass Slips</b> (Soil binding grass Viz. vetivers, Napier, Saccharum munja & Arundo donax	Nos.	100	6.35	0.01
iv	<b>Cutting:</b> Ipomea/Vitex/Popular/Salix/Mulberry (Area specific)	Nos.	100	6	0.01
v	<b>Seed Ball:</b> Broad casting/dibbling of seed balls	Nos.	100	2.35	0.002
	<b>Total</b>				<b>0.06</b>
3	<b>Maintenance for 9 years :</b> 2nd year @25% + 3rd year @ 10% + 4th year to 10 th year 7 x @5% = 70% of afforestation	Year			0.03
	<b>Total</b>				<b>0.03</b>
	<b>Total (1+2+3)</b>				<b>0.42</b>
4	Overhead 10% of total				0.04
	<b>Grand Total</b>				<b>0.46</b>

  
 Divisional Forest Officer  
 Basohli Forest Division  
 Basohli





**PMGSY**

**(PRADHAN MANTRI GRAM SADAK YOJANA)**

**OFFICE OF THE EXECUTIVE ENGINEER PMGSY DIVISION KATHUA**

Near Govt. Boys Hr. Sec. School /Govt. Women's Degree College, Kathua

e-mail: eepmgsykathua@gmail.com

PH/Fax: - 01922-291007

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**TO WHOM IT MAY CONCERN**

**Sub:- Diversion of 10.835 ha of Forest land for construction of road from Trembli to Dheota. District Kathua, U.T of J&K.**

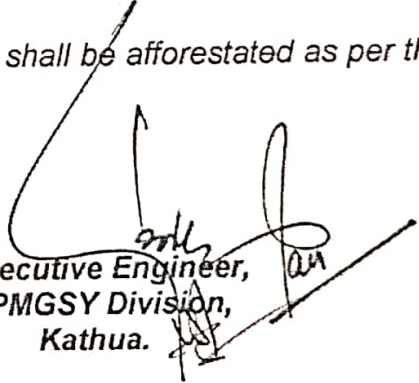
**Reg:- Online proposal bearing on FP/JK/ROAD/46769 received on dated 16.03.2021.**

As per the EDS received vide File No. 9-JKC-027/2021-Jammu Dated 14/04/2021. In this connection, it is certified that after exploring all the possibilities, no muck sites outside the forest land are available.

It is also certified that the muck sites in the forest area shall be afforested as per the norms.

No. EE/PMGSY/Reg-90-93

DH- 23-04-2021

  
Executive Engineer,  
PMGSY Division,  
Kathua.

**Copy to the:-**

- 1) Chief Engineer PMGSY JKRRDA Jammu for favour of information please.
- 2) Superintending Engineer PMGSY Circle Jammu for favour of information please.
- 3) DFO, Basohli Forest Division for favour of information please.
- 4) AEE PMGSY Sub Division Basohli for information & follow up action.



GOVERNMENT OF JAMMU AND KASHMIR  
OFFICE OF THE CHIEF CONSERVATOR OF FORESTS, JAMMU

(Forest Complex, Exchange Road, Dogra Hall) Ph. 0191 - 2547740, 2545400 Fax: 2562929, Email: ccjjammu1@gmail.com

Sub: Revised Work programme of Compensatory Afforestation w.r.t Forest Clearance for "Construction of road from Trimbli to Dheota" under PMGSY in Basohli Forest Division.  
Ref: CCF, East Circle letter No. 105-006/CFE/FCA Dated. 23.04.2021.


ORDER

The Revised work proposal for Compensatory Afforestation to be done in lieu of diversion of 10.835 hectare of forest land in Basohli Forest Division for "Construction of road from Trimbli to Dheota" under PMGSY to the tune of Rs. 35.43 Lacs prepared and submitted by the Divisional Forest Officer, Basohli Forest Division, duly recommended by CCF East Circle, Jammu, is hereby approved / sanctioned, as per the details given below:-

Proposal No	Location	Area involved for diversion	Area of C.A Plan	Canopy Density	Spp. To be planted.
FP/JK/ROAD/46769/2020	01/B (Bhandhar)	10.835 Ha	21 Ha	Less than 40%	Indigenous species.

The approval / sanction is subject to the following conditions: -

- 1) All the terms and conditions as per the provisions of Forest Conservation Act 1980 w.r.t Compensatory Afforestation are complied with.
- 2) That the existing Forest Tariff Rate schedule shall be applicable.
- 3) That the DFO, Basohli Division shall be the implementing agency for executing the CA Plan.

  
(K. Ramesh Kumar), IFS  
Chief Conservator of Forests  
Jammu

No: CCFJ/PIg/20-21/53 II/443-46

Dated: 26-04.2021.

Copy to: -

1. Pr. Chief Conservator of Forests (HoFF), J&K, Jammu for favour of information.
2. APCCF / Nodal Officer, FCA, O/o the PCCF J&K for favour of information.
3. CCF, East Circle, Jammu.
4. DFO, Basohli Forest Division for information and necessary action.



**Revised Proposed work programme under Compensatory Afforestation for forest land coming in the road alignment of 'Road from Trembli to Dheota (JK07-87)' in in respect of Basohli Forest Division.**

Full Title of the Forest Land Diversion Project:	Road from Trembli to Dheota (JK07-87)		
File No.	FP/JK/ROAD/46769/2020		
Date of Proposal	25-06-2020		
Name of Forest Division (whether forest land is proposed to be diverted):	Basohli Forest Division		
Forest Area to be diverted:	10.835 Ha		
<b>Details of land where C.A is to be carried out:</b>			
Degraded forest land Yes/No.	Yes	Area	21 HA
Non-Forest land Yes/No.	No.	Area	Nil
District	Kathua		
Range	Bani		
Tehsil	Bani		
Compartment No.	01/Bani		
Khasara No. (For Non-Forest Land)	NA		
C.A. Site (Name of location)	Bhandhar		
C.A. Area in Ha	21 Ha		
<b>C.A. Site Geo coordinates:</b>			
Starting Point	Latitude	Longitude	
	32° 42' 57.560" N	75° 53' 42.581" E	
Ending Point	Latitude	Longitude	
	32° 42' 54.596" N	75° 53' 46.279" E	
In case of non-forest area identified for CA, then what is distance of C.A site from the adjoining forest boundary	Not Applicable as the proposed/selected site is a forest land		
<b>I</b>	<b>Description of C.A Site.</b>		
a	Soil type	Sandy-loam	
b	Topography: hilly/undulating/pain	Hilly	
c	Slop: steep/medium/gentle:	Medium to Steep	
d	Whether the area is bearing any root stock of vegetation:	Yes	
e	In case of degraded forest land: - description of forest type and crown density:	Upper or Himalayan Chir Pine Forest - (9/Cib). Crown Density < 0.4	
f	Working Circle & Prescription:	The proposed site falls in Protection working circle. As per the working plan prescription(s),the area needs effective closures and strict fire protection and to be supplemented with artificial sowing and /or planting.	

**II. Plantation Model:** Nursery grown two to three years old plants of Chir (*Pinus roxburghii*) & local indigenous species will be planted in the pits of size 45 x 45 x 45 cm in the selected area. The plantation will be maintained for subsequent 10 years in which beating up failures will be done. The plantation will be rain fed. On an average about 1000 plants/Ha will be planted.

S.No	Description	Unit	No	Rate (in Rs)	Total Amount (in Rs)
<b>A</b>	<b>Cost of Afforestation</b>				
1	1 <sup>st</sup> Year cost of Afforestation	No.	21000	40.03	8.41
2	2 <sup>nd</sup> Year Maintenance	No.	5250	40.03	2.10
3	3 <sup>rd</sup> Year Maintenance	No.	2100	40.03	0.84
4	4 <sup>th</sup> Year Maintenance	No.	1050	40.03	0.42
5	5 <sup>th</sup> Year Maintenance	No.	1050	40.03	0.42
6	6 <sup>th</sup> Year Maintenance	No.	1050	40.03	0.42
7	7 <sup>th</sup> Year Maintenance	No.	1050	40.03	0.42
8	8 <sup>th</sup> Year Maintenance	No.	1050	40.03	0.42
9	9 <sup>th</sup> Year Maintenance	No.	1050	40.03	0.42
10	10 <sup>th</sup> Year Maintenance	No.	1050	40.03	0.42
	<b>Sub Total (A)</b>				<b>14.29</b>

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<b>B Other Afforestation Interventions (As per the requirement of the site condition)</b>					
1	Patch Sowing	No of patches	10000	6.99	0.70
2	Planting of Grass Slips	No of slips	10000	6.35	0.64
<b>Sub Total (B)</b>					<b>1.33</b>
<b>C Fencing:</b>					
1	Square PCC Post Fencing (4 Strand/7 Strand)	rft	10000	72.78	7.28
2	Wooden Fencing	-	-	-	-
3	Chain Link Fencing	-	-	-	-
4	Fencing Repair	rft	10000	16.74	1.67
<b>Sub Total (C)</b>					<b>8.95</b>
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	-	22904	0.00
E	Pruning and thinning of existing root stocks:	No	10000	6.35	0.64
<b>Total CA Chages: (A+B+C+D+E)</b>					<b>25.21</b>
F	Soil & Water Conservation (DRSM Work)	Cum	700	1099	7.69
<b>Total : (A+B+C+D+E+F)</b>					<b>32.90</b>
G	Supervisory/ Overhead/Miscellaneous Charges: (10 % of the C.A Charges)				2.52
<b>Grand Total : (A+B+C+D+E+F+G)</b>					<b>35.43</b>

**III. Technical details:-** Technical details of Compensatory Afforestation Scheme are as follows:

**General Details:** An area of 21 ha will be taken up for planting under compensatory afforestation scheme in forest compartment No.01/Bni in a single compact block. The area will be protected by using square PCC fence posts with barbed wire fencing and by planting Chir (Pinus roxburghii) & local indigenous species plants. Plants will be planted @1000 plants per ha.

**Spacing:** 2.50 mts x 2.50 mts.

**Species:** Pinus roxburghii & local indigenous species

**Plantation Method:** Nursery grown two to three years old plants of Deodar/Kail/Fir species will be planted in the pits of size 45 x 45 x 45 cm in the selected area. The plantation will be maintained for subsequent 10 years in which beating up failures will be done. The plantation will be rain fed.

**Soil and Moisture Conservation Works:-** Minor soil conservation works like gully plugging, check walls will be done where ever required

**Protection (Fencing, Watch man, People's Participation etc.):**- Area will be protected from grazing by erecting barbed wire fencing around the plantation site

**Proposed Monitoring Mechanism:-** The plantation will be monitored as per existing monitoring mechanism in the forest department. The plantation will also be monitoring by GOI representatives as per instructions

  
 Divisional Forests Officer  
 Basohli Forest Division  
 Basohli

P-17024/10/2014-RC (FMS No.338486)  
 Government of India  
 Ministry of Rural Development  
 Department of Rural Development  
 Rural Connectivity Division

KrishiBhawan, New Delhi  
 Dated the 5<sup>th</sup> August, 2016

To

Shri Rohit Kansal,  
 Commissioner & Secretary,  
 Public Works Department (R&B),  
 Government of Jammu & Kashmir,  
 Civil Secretariate, Jammu  
 JAMMU & KASHMIR

Subject: Clearance to the project proposals under PMGSY-I (Batch-I, 2016-17) to the State of Jammu & Kashmir

Sir,

I am directed to refer to the project proposals sent by State Government of Jammu & Kashmir under PMGSY-I considered in Empowered Committee meeting held on 17<sup>th</sup> June, 2016. On the basis of the recommendations of the Committee and the compliance report submitted by the State, the Ministry hereby accords approval for the proposals considered by the Committee for the State of Jammu & Kashmir under PMGSY-I (Batch-I, 2016-17) as per the details given below:

Item	New Connectivity		Upgradation	Bridges	Total
	Stage-I	Stage-II			
Value (Rs in Crores)	1474.35	479.34	837.36	51.27	2842.32*
No. of Works	303	124	86	29	513 roads 29 bridges
Length (in Km)	1935.88	796.96	787.10	1217.50 mtrs	3519.94 Km Roads 1217.50 m Bridges
Average cost per km/m	76.16	60.15	106.39	4.21/mtr	
No of Habitations	11 of 1000+ 25 of 500+ 383 of 250+ 176 of < 250				11 of 1000+ 25 of 500+ 383 of 250+ 176 of < 250
* MoRD Share: Rs 2558.09 crore State Share: Rs 284.23 crore					

2. The above clearance is accorded subject to the condition that tenders will be awarded by the State only after complying with following issues and intimating the written compliance to NRRDA:

- i. The benefitted habitations against each of the New Connectivity and Upgradation roads would be mapped on OMMAS.
- ii. After due scrutiny, the State would furnish a Certificate that the cost saving measures, relevant to the location have been incorporated in the DPRs.
- iii. Deposit of 100% of State share of the year 2015-16 and part of State share of the year 2016-17 in SRRDA's account.
- iv. Deposit of required maintenance fund in SRRDA's maintenance fund account.

3. State is also advised to speed up the pace of works and complete the following activities before coming for release of funds under Batch-I, 2016-17.

4. This issues with the approval of Competent Authority.

Yours faithfully



(Surabli Rai)

Deputy Secretary (RC)

Encl: District-wise abstract and Road-list

Copy to: PS to MRD/PS to MoS (RD)/PPS to SRD/PPS to AS/PPS to AS&FA/PPS to JS(RC)/All Directors of NRRDA



Pradhan Mantri Gram Sadak Yojana  
Phase X

SLR : Statewise List of Works

State: Jammu And Kashmir District: All Districts Block: All Blocks Year: 2016-2017 Batch: All Batches Collaboration: All Collaborations Status: All Status

Sr.No.	District Name	Programme Implementation Unit	Block Name	Package No.	Sanctioned Year	Work Type	Road Name / Bridge Name	Connectivity (New / Upgrade)	Name of Benefited Habitations	Core-Network Road name	Core-Network Habitation name	Sanction Cost	State Cost	Road Length (Kms)	Bridge Length (Mtrs)
270	Kathua	DPIU of Kathua	Bilawar	JK0787	2016 - 2017	ROAD	LOZ2-TREMBUL TO DEOTA	New	Barnu [ 114612], Bell [ 122802], Cheral [ 214517], Dhoala [ 294257], Dior [ 311376], Dugroo [ 313906], Garrai [ 346779], Gothri [ 376993], Hutlar [ 429591], Jakou [ 444970], Kora [ 582599], Kund [ 599984], Mandi [ 669356], Mangreth [ 672459], Narad [ 759331], Panglah [ 818994], Phaili [ 848665], Sallen [ 943153], Sarangala [ 955920], Seri [ 973054], Thingn [ 1050768], Vakari [ 1085279]	TREMBUL TO DEOTA	Barnu [ 114612] ( 223 ), Bell [ 122802] ( 176 ), Cheral [ 214517] ( 222 ), Dhoala [ 294257] ( 479 ), Dior [ 311376] ( 286 ), Dugroo [ 313906] ( 326 ), Garrai [ 346779] ( 210 ), Gothri [ 376993] ( 412 ), Hutlar [ 429591] ( 218 ), Jakou [ 444970] ( 275 ), Kora [ 582599] ( 393 ), Kund [ 599984] ( 249 ), Mandi [ 669356] ( 375 ), Mangreth [ 672459] ( 225 ), Narad [ 759331] ( 244 ), Panglah [ 818994] ( 180 ), Phaili [ 848665] ( 228 ), Sallen [ 943153] ( 296 ), Sarangala [ 955920] ( 105 ), Seri [ 973054] ( 231 ), Thingn [ 1050768] ( 287 ), Vakari [ 1085279] ( 328 )	1,456.65	165.67	23.314	0.000

Government of Union Territory of Jammu and Kashmir  
**OFFICE OF THE CHIEF ENGINEER PMGSY JKRRDA JAMMU**

4<sup>th</sup> Floor JKPCC Complex, Panama Chowk Jammu

Phone No.: 0191-2470284, Fax No. : 0191-2479335

E-mail.: [cepmgsyjammu@gmail.com](mailto:cepmgsyjammu@gmail.com)


**TO WHOM IT MAY CONCERN**

The Scheme detailed below under construction with PMGSY Division Kathua was sanctioned by Ministry of Rural Development, Government of India as per sanction order mentioned against the scheme and the Government of India's sanction order is to be treated as accord of Administrative Approval. This also takes reference to Finance Department of Union Territory of J&K's S.O. 15 issued under No. A/PS/DC/2019-62 Dated 09.01.2020.

S. No.	Name of Scheme	Pkg No.	Stage	Phase	Block	Distt.	Length (in Km)	Sanction Cost (in Lacs)		MINISTRY OF RURAL DEVELOPMENT DEPARTMENT OF RURAL DEVELOPMENT SANCTIONED No. & DATED
								Const. Cost	Maint Cost	
1.	TREMBLI TO DEOTA	JK07-87	I	X	Billawar	Kathua	23.334	1656.65	-	No.P-17024/10/2014-RC(FMS-No.338486) Dated:-05-08-2016

No:- CEJ/PMGSY/18660

Dated:- 17-2-2021

  
(Er. Manzoor Hussain)  
Chief Engineer  
PMGSY (JKRRDA)  
Jammu.

Copy to the:-

1. The Executive Engineer PMGSY Division Kathua for information.