

District:- Almora

	Parameters	Details
1	Increase in productivity attributable to the specific project.	Rs. 43.20 Lac /year approx.
2	Benefits to economy	Rs. 43.00 Lac /year approx.
3	No. of population benefited.	4043
4	Employment potential.	100 TEMP. & 150 PERM.
5	Cost of acquisition of facility on non forest land wherever feasible.	Nil
6	Loss of (a) agricultural & (b) animal, husbandry production due to diversion of forest land.	Nil
7	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement.	Nil
8	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction.	Nil

अधिकासी अभियन्ता
सिचाई खण्ड. (प. एम. जं. एस. वार्ड.)
लोक निर्माण विभाग, अल्मोड़ा
प्रयोजिता एजेंसी

(Signature)

प्रभागीय वनाधिकारी
कलमोडा

Grand
T.E.

प्रारूप-29.1

Parameter for Evaluation of loss of Forests

Name of the project - Construction of Tattrick (Jakholi) to Toli Talli Motor Road

Block:- Lamgara

District:- Almora

Sl.no.	Parameters	Details
1	Loss of Value of timber, fuelwood and minor forest produce on an annual basis, including loss of man hours per annum of people who derived there livelihood and wage from the harvest of these commodities	Rs. 8,73,305.00
2	Loss of animals husbandry productivity including loss of fodder	Nil
3	Cost of human resettlement	Nil
4	Loss of public facilities and administrative infrastructure (Roads, Buildings, Schools, Dispensaries, Electric lines, Railways etc.) on which would require forest land if these facilities were diverted due to the project.	Nil
5	Environmental losses;(Soil erosion, effect on hydrological cycle, wildlife habitat, microclimate upsetting of ecological balance.)	Rs. 309.62 Lacs over a period of 50 years or Rs. 6.19 lacs per year which will reduced after 5 year due to natural growth of pine & other trees.
6	Suffering to oustees	Nil

अधिकासी अभियन्ता

सिचाई खण्ड [पी.एम.जी.एस.वाई.]

लोक निर्माण विभाग, अल्मोड़ा

सहायक अभियन्ता

सिचाई खण्ड, (पी.एम.जी.एस.वाई.)

लोक निर्माण विभाग, अल्मोड़ा

अधिकासी

अधिकासी

अधिकासी

अधिकासी

प्रभागीय वनाधिकारी

प्रभागीय वनाधिकारी

प्रभागीय वनाधिकारी

अल्मोड़ा

Name of the project –Construction of Tattrick (Jakholi) to Toli Talli Motor Road

Block:- Lamgara

District:- Almora

Particular	Details																																													
1- Environmental Losses	As per guidelines- For fully stacked forest (density 1.00) Environmental value of 1 ha. = 126.74 lac over a period of 50 year. Hence for 6.1075 ha. Forest of density 0.4 = 126.74x6.1075x0.40= 309.62 lac over a period of 50 years or Rs. 6.19 lac per year which will be reduced after 5 year due to natural growth of pine & other trees.																																													
2A- Increase in Productivity due to this project	Enhancement in production in both farm and non farm sectors approximately. Cost of marketable surplus of fram products. <table><tr><th>Product</th><th>Qty in qtl</th><th>Qty in Kg.</th><th>Rate per Kg</th><th>Amount in Lac</th></tr><tr><td>1. गेहूँ</td><td>1000</td><td>100000</td><td>11</td><td>11.00</td></tr><tr><td>2. आलू</td><td>600</td><td>60000</td><td>10</td><td>6.00</td></tr><tr><td>3. चावल</td><td>500</td><td>50000</td><td>20</td><td>10.00</td></tr><tr><td>4. फल</td><td>450</td><td>45000</td><td>20</td><td>9.00</td></tr><tr><td>5. सब्जी</td><td>800</td><td>80000</td><td>5</td><td>4.00</td></tr><tr><td>6. दालें</td><td>150</td><td>15000</td><td>30</td><td>4.50</td></tr><tr><td>योग:-</td><td></td><td></td><td></td><td>44.50</td></tr><tr><td>SAY</td><td></td><td></td><td></td><td>45.00</td></tr></table>	Product	Qty in qtl	Qty in Kg.	Rate per Kg	Amount in Lac	1. गेहूँ	1000	100000	11	11.00	2. आलू	600	60000	10	6.00	3. चावल	500	50000	20	10.00	4. फल	450	45000	20	9.00	5. सब्जी	800	80000	5	4.00	6. दालें	150	15000	30	4.50	योग:-				44.50	SAY				45.00
Product	Qty in qtl	Qty in Kg.	Rate per Kg	Amount in Lac																																										
1. गेहूँ	1000	100000	11	11.00																																										
2. आलू	600	60000	10	6.00																																										
3. चावल	500	50000	20	10.00																																										
4. फल	450	45000	20	9.00																																										
5. सब्जी	800	80000	5	4.00																																										
6. दालें	150	15000	30	4.50																																										
योग:-				44.50																																										
SAY				45.00																																										
2B- Benefits of Economy	<table><tr><th>Vehicle</th><th>Number per day</th><th>Conversion factor</th><th>PCU per day</th></tr><tr><td>Truck</td><td>5</td><td>3.00</td><td>15</td></tr><tr><td>Bus</td><td>2</td><td>3.00</td><td>6</td></tr><tr><td>Car</td><td>20</td><td>1.00</td><td>20</td></tr><tr><td>M/ydle</td><td>30</td><td>0.50</td><td>15</td></tr><tr><td>Jeep/Max</td><td>25</td><td>1.00</td><td>25</td></tr><tr><td>Total PCU per day</td><td></td><td></td><td>81</td></tr></table> <p>As per IRC norms, saving in VOC at 90-91 prices is Rs. 5.96 per km per PCU. Length Road of 20.550 km Hence Saving in VOC at 1990-91 prises= 81x20.550x5.96= Rs.9920.72 per day. At 2010-11 Price = 2x6939.68 = 19841.44 per day Or Rs. 72.42 lac say Rs. 72.40 lacs per year.</p>	Vehicle	Number per day	Conversion factor	PCU per day	Truck	5	3.00	15	Bus	2	3.00	6	Car	20	1.00	20	M/ydle	30	0.50	15	Jeep/Max	25	1.00	25	Total PCU per day			81																	
Vehicle	Number per day	Conversion factor	PCU per day																																											
Truck	5	3.00	15																																											
Bus	2	3.00	6																																											
Car	20	1.00	20																																											
M/ydle	30	0.50	15																																											
Jeep/Max	25	1.00	25																																											
Total PCU per day			81																																											

Anand
5-5

De

विषाई सण्ड, (पं. १२, ३, १९९९, १०००.)
कोक विमर्ष विभाग, अल्मोड़ा

३३०
अधिकासी अभियन्ता
सिचाई खण्ड [गो.एम.जे.एस.वाई.]
लोक निर्माण विभाग, यल्मोड्ड

सावित्री लाल बनर्जी
जानेवर का का

[illegible]