

Full Title of the Project: Diversion of 12-41-00.ha forest land under the possession of forest Department as being river bed proposed for mining lease.

File No-**FP/HP/MIN/33792/2018**

Date of Proposal—23.05.18

CHECKLIST SERIAL NUMBER-29-COST BENEFIT ANALYSIS

S.NO	PARAMETERS	REMARKS
1	Ecosystem services losses due to proposed forest diversion	NIL <i>AS THIS IS RIVERBED PROJECT</i>
2	Loss of animal husbandary productivity including loss of fodder	NIL
3	Cost of human resettlement	NIL NO RESETTLEMENT OF HUMANS IS OCCUR DUE TO PROJECT AS THIS IS RIVERBED PROJECT FOR COLLECTION OF SAND, STONE AND BAJRI
4	Loss of public facilities and administrative infrastructure (Roads building, schools, dispensaries, electric lines, railways etc.) on forest land or which would require forest land if these facilities were diverted due to the project.	NIL
5	Possession value of forest land diverted	30% of environmental costs (NPV) due to loss of forest or circle rate of adjoining area in the district should be added as a cost component as possession value of forestland whichever is maximum. <i>River borne material will be mined from within the corridors of river during dry season causing no damage to the Environment And Ready to pay the applicable cost as per the guidelines.</i>
6	Cost of Suffering to oustees	The social cost of rehabilitation of an oustee (in addition to the cost likely to be incurred in providing residence, occupation and social services to him) be worked out as 1.5 times of what he should have earned in two years had he been not shifted <i>The entire mining is confined within the river bed with no human habitation, thus causing no oustees.</i>

7	Habitat Fragmentation Cost	While the relationship between fragmentation and forest goods and services complex, for the sake of simplicity the cost due to fragmentation has been pegged at 50% of NPV applicable as thumb rule. <i>River borne material will be mined from within the corridors of</i>
		<i>river during dry season causing no damage to the Environment.</i>
	Compensatory afforestation and soil & moisture conservation cost	The actual cost of compensatory afforestation and soil & moisture conservation and its maintenance in future at present discounted value. <i>River borne material will be mined from within the corridors of</i> <i>river during dry season causing no damage to the Environment.</i>

EXISTING GUIDELINES FOR ESTIMATING BENEFITS OF FOREST-DIVERSION IN CBA

S.NO	PARAMETERS	REMARKS
1	Increase in productivity attribute to the specific project	Rs. 3.3 Crore Sale Price at pit mouth.
2	Benefits to economy due to specific project	1) Royalty, other taxes & District Fund Rs 1.20 crore. 2) Wages to Workers about Rs. 1.255 crore.
3	No. of population benefit due to specific project	Value judgement 1300 persons per year
4	Economic benefits due to of direct and indirect employment due to the project	130 persons per day
5	Economic benefits due to compensatory afforestation	<i>River borne material will be mined from within the corridors of river during dry season causing no damage to the Environment.</i> There will not be cutting of trees carried out due to project as only river land is acquired under possession by Forest Department.

Kuldeep Singh
Signature of User Agency

Date:- _____

Place:- _____