

Full Title of the Project: RIAR TO BAGGAN (PART-II)

File No. FP/JK/ROAD/52199/2020

Date of Proposal:- 31-10-2020

UNDERTAKING FOR PAYMENT OF ADDITIONAL NET PRESENT VALUE OF FOREST AREA

It is to certify that I Executive Engineer PMGSY Division, Billawar have applied for diversion of 0.855 ha of forest area for the purpose of Construction of road from Riar to Baggan (Part-II). I/We hereby undertake to pay the amount of additional Net Present Value (NPV) of the above forest land, if so determined as per the decision of the Hon'ble Supreme Court.

Place: *Billawar*

Date: *09-04-2021*

K. S. S. S.
Signature of the User Agency

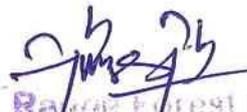
Office Seal

Counter signed by

[Signature]
Divisional Forest Officer
Billawar Forest Division
Billawar

**Biological measures for stabilization of muck dumping site No. 1
Aea (0.1 Ha)**

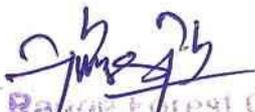
S.NO	Item of work	Unit	Quantity	Rate	Amount
1	Fencing- using square PCC fence posts conforming to product code PCFP-3 at spacing of 8 feet and 4 strands of black annealed barbed wire conforming to the product code BA-BW. Atleast every 10th fence post along the Straight fence line and every fence post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


 Range Forest Officer:
 Billawar Forest Range
 Billawar


 Divisional Forest Officer
 Billawar Forest Division
 Billawar

Biological measures for stabilization of muck dumping site No. 2
Area (0.1 Ha)

S.NO	Item of work	Unit	Quantity	Rate	Amount
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
	Total				0.33
2	Afforestation (1st Year)				
i	Plantation: 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	Agave: Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size.	Nos.	100	15.45	0.02
iii	Grass Slips (Soil binding grass Viz. vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	100	6.35	0.01
iv	Cutting: Ipomea/Vitex/Popular/Salix/Mulberry (Area specific)	Nos.	100	6	0.01
v	Seed Ball: Broad casting/dibbling of seed balls	Nos.	100	2.35	0.002
	Total				0.06
3	Maintenance for 9 years : 2nd year @25% + 3rd year @ 10% + 4th year to 10 th year 7 x @5% = 70% of afforestation	Year			0.03
	Total				0.03
	Total (1+2+3)				0.42
5	Overhead 10% of total				0.04
	Grand Total				0.46


 Range Forest Officer
 Billawar Forest Range
 Billawar


 Divisional Forest Officer
 Billawar Forest Division
 Billawar

**Biological measures for stabilization of muck dumping site No. 3
Area (0.1 Ha)**

S.NO	Item of work	Unit	Quantity	Rate	Amount
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
	Total				0.33
2	Afforestation (1st Year)				
i	Plantation: 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	Agave: Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size.	Nos.	100	15.45	0.02
iii	Grass Slips (Soil binding grass Viz. vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	100	6.35	0.01
iv	Cutting: Ipomea/Vitex/Popular/Salix/Mulberry (Area specific)	Nos.	100	6	0.01
v	Seed Ball: Broad casting/dibbling of seed balls	Nos.	100	2.35	0.002
	Total				0.06
3	Maintenance for 9 years : 2nd year @25% + 3rd year @ 10% + 4th year to 10 th year 7 x @5% = 70% of afforestation	Year			0.03
	Total				0.03
	Total (1+2+3)				0.42
5	Overhead 10% of total				0.04
	Grand Total				0.46


Range Forest Officer:
Billawar Forest Range
Billawar.


Divisional Forest Officer
Billawar Forest Division
Billawar