

No. FCA/Sewerage Treatment Plant/ 766
Himachal Pradesh Forest Department

From:

Divisional Forest Officer (Rural),
Forest Division, Shimla.

To:

The Additional General Manager (Sewerage),
Shimla Jal Prabandhan Nigam Limited,
US Club, Forest Road, Shimla (HP) - 171001

Dated Shimla-2, the 17-5-2023

Subject:

Diversion of 0.4122 ha of forest land in favour of Shimla Jal Parbandhan Nigam Limited, US Club, Forest Road Shimla-1, Himachal Pradesh, for the construction of Sewerage Treatment Plant 3.10 MLD at Ashwani Khad, within the jurisdiction of Shimla Forest Division, Distt. Shimla, Himachal Pradesh. (Online Proposal No. FP/HP/Others/14911812021).

Memo:

Please refer to the Integrated Regional Officer letter No. FC/HPB/09/148/2022 dated 4th May, 2023 vide which the Integrated Regional Officer has given the 1st Stage Approval conditionally, on the subject cited above.


2.

In this regard, it is requested to kindly deposit the cost of Compensatory Afforestation, Net Present Value and Departmental Charges as per the bills under heads/ account given as follows under.

Sl. No.	Particular	Amount	Appropriate Authority
1.	Compensatory Afforestation	Rs. 1,81,270/-	The Compensatory Afforestation and Net Present Value are only generated through online portal thus it is mandatory to deposit the same through online portal
2.	Net Present Value	Rs. 4,40,836/-	
3.	SMCP	Rs. 6,45,085/-	
	Total	Rs. 12,67,191/-	
4.	Departmental Charges	Rs. 31,723/-	0406 Forest and Wildlife (Revenue) and 800 Other Receipt - 012 under DDO code 828

It is brought to your kind notice that the Challan to be generated online for Compensatory Afforestation and Net Present Value and then the levies are to be deposited through online portal. In addition to the above, compliance of stipulations recorded by the CF Central should also be submitted well in time to this office for further necessary action, please.

It may also be ensured that no work to be executed at the proposed site until the final approval of the Competent Authority is obtained and conveyed to you.


Divisional Forest Officer (Rural),
Forest Division, Shimla.

**Full Title of the Project: - Construction of Sewerage Treatment Plant 3.10 MLD at Ashwani Khad (0.4122) Hectares Shimla (HP)
FP/HP/Others/149118/2021**

Check List No. - 18

Scheme for Compensatory Afforestation

Detailed scheme for compensatory afforestation to be carried out in lieu of diversion of 0.4122 Hectare of Forest Land in favour of Shimla Jal Prabandhan Nigam Limited, US Club, Forest Road Shimla-1, Himachal Pradesh, for the construction of Sewerage Treatment Plant 3.10 MLD at Ashwani Khad, within the jurisdiction of Shimla (Rural) forest division.

1 Details of degraded forestland/non-forest land: -

Division	Range	Block/Compartment No./Survey No.	Name of Forest	Village	Tehsil	District
Shimla	Bhajji	UPF-583 Soha	UPF-583 Sohal	Sohal	Shimla	Shimla

Whether the site selected for Compensatory Afforestation is a land bank or not	No identified Land bank & degraded forest
If the C.A. Site is other than the land bank, reasons be given.	NA
In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest	NA
Soil Type	Shallow
V) Topography:	
a) Hilly/undulating/Plain.	Hilly
b) Slope: Steep/Medium/Gentle.	Moderate to steep
Whether the area is bearing any root stock of vegetation.	Yes
Copy of the approved Compensatory Afforestation Scheme/Model showing component-wise physical area	-
Schedule of Plantation Programme: -	-

Detail of year wise breakup of requirements of funds is as under:

Particulars of works	Area in Hect.	Unit cost at wages structure per ha. For 2022-23	Total Cost (Col. 2 X 3)	No. of Plants	Plants @ 23/- Rs.	Total Amount of Plants (Col. 5 X 6)	Total Cost (Col. 4 + 7)	Year of execution of work	Cost Escalation	Unit Cost after applying cost escalation	Total Amount (Col. 8+11)
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
Initial cost for raising CA	0.8244	89800	74031.12	830	23	19090	93121.12	2023-24	10%	9312.112	102433.232
1 st year maintenance	0.8244	10600	8738.64	249	23	5727	14465.64	2024-25	20%	1446.564	15912.204
2 nd year maintenance	0.8244	7100	5853.24	166	23	3818	9671.24	2025-26	30%	967.124	10638.364
3 rd year maintenance	0.8244	3700	3050.28	83	23	1909	4959.28	2026-27	40%	495.928	5455.208
4 th year maintenance	0.8244	3700	3050.28	83	23	1909	4959.28	2027-28	50%	495.928	5455.208
5 th year maintenance	0.8244	3700	3050.28	83	23	1909	4959.28	2028-29	60%	495.928	5455.208
6 th year maintenance	0.8244	3700	3050.28	83	23	1909	4959.28	2029-30	70%	495.928	5455.208
7 th year maintenance	0.8244	3700	3050.28	83	23	1909	4959.28	2030-31	80%	495.928	5455.208
8 th year maintenance	0.8244	3700	3050.28	83	23	1909	4959.28	2031-32	90%	495.928	5455.208
9 th year maintenance	0.8244	3700	3050.28	83	23	1909	4959.28	2032-33	100%	495.928	5455.208
10 th year maintenance	0.8244	3700	3050.28	83	23	1909	4959.28	2033-34	110%	495.928	5455.208
Total											172637.464
Contingencies Charges @ 5%											8631.8732
Total Cost of CA Scheme											181269.3372
Departmental Charges @ 17.5%											31722.13401
Total											212991.4712

Place : Shimla
Date : 17-05-2023

Divisional Forest Officer (Rural)
Shimla Forest Division, Shimla
SHIMLA

FULL TITLE OF PROJECT: Construction of Sewerage Treatment Plant 3.10 MLD at Ashwani Khad (0.4122 Hectares Shimla (H.P). FP/HP/Others/149118/2021.


In consonance to the order dated 28.03.2008 of Hon'ble Supreme Court of India in writ petition (Civil) number 202 of 1995, the net present value of the forest being diverted is calculated as under:

The Ecological class VI includes the forest type found in the forest being diverted. The average density of the forest 0.0125 i.e. Open Forest.

The Hon'ble Supreme Court has fixed N.P.V of Rs. 10,69,470/- per hectare for class VI eco- value, Open Forest, hence the total value works out to be Rs. 440836/- for 0.4122 ha. forest land being diverted.

Place: Shimla

Dated: 17.02.2022.


Divisional Forest Officer,
Shimla Forest Division,
Shimla Forest Division,
Tel: No. 0177-2623412,
SHIMLA

Full Title of the Project: Construction of Sewerage Treatment Plant 3.10 MLD at Ashwani Khad (0.4122) Hectares, Tehsil & District - Shimla (HP) (Online Proposal No. FP/HP/Others/149118/2021)

Soil and Moisture Conservation Plan (SMCP)


Calculation of the Soil and Moisture Conservation Plan (SMCP) of the Forest being diverted for the Construction of Sewerage Treatment Plant 3.10 MLD at Ashwani Khad (0.4122) Hectares, Tehsil & District - Shimla, Himachal Pradesh.

In compliance to the Integrated Regional Officer letter No. FC/HPB/09/148/2022 dated 4th May, 2023 vide which the Integrated Regional Officer has given the 1st Stage Approval conditionally, the Soil and Moisture Conservation Plan (SMCP) is calculated as follows:-

Total Cost of the Project	: Rs. 1290.17 Lacs i.e. 12,90,17,000/-
Total cost of Soil and Moisture Conservation Plan (SMCP) @ 0.5%	: Rs. 6,45,085/-

Place : Shimla

Date : 17-05-2023


Divisional Forest Officer (Rural),
Shimla Forest Division,
SHIMLA