



OFFICE OF DEPUTY CONSERVATOR OF FORESTS,
MANDI FOREST DIVISION, MANDI, HP 175001
Phone & Fax 01905-235360, e-mail dfomandi@gmail.com

No./RK./10695

Dated 02/03/2023

From :- D.C.F. Mandi

✓ To:- CCF (T),Mandi

Subject :- Diversion of 27.5709 ha of Forest Land for setting up of National Disaster Response Forest (NDRF) battalion in favour of Sub Divisional Officer (Civil) at Balh, Tehsil Balh Distt. Mandi H.P within the jurisdiction of Mandi Forest Division, Distt. Mandi H.P (Online Proposal No. FP/HP/Others/122895/2021).

Madam,

Kindly refer to GOI letter No. FC/HPC/09/53/2022 dated 17.06.2022 on the subject cited above.

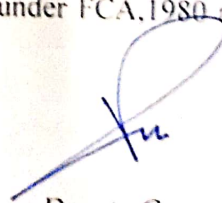
2. The observation as pointed out vide letter under reference has been attended by the user agency and this office and reply of the same is given in annotated manner as under :-

Point No.	Reply
1	The Land holding in Himachal Pradesh is very less and land acquisition is not possible. The people of Himachal Pradesh is having less land for their livelihood. The patch of land identified for the proposed project is most suitable and feasible and cannot be escaped. Necessary undertaking is uploaded and enclosed herewith.
2	All the explored alternative sites has been uploaded on the MoEF Portal in Part-I.
3	Revised KML file has been uploaded.
4	The population certificate is submitted for the village where this project is to be installed. But the NDRF battalion will facilitate the entire population of the state under disaster management. Necessary undertaking has been uploaded and enclosed
5	The Part-I Para-E (ii) has been reviewed and revised.
6	Necessary undertaking has been uploaded and enclosed herewith.
7	The NOC from concerned department has been uploaded and attached.
8	The supporting , executive order for minimum area requirement Guidelines/Notification/Norms for all the required components for establishing NDRF Battalion issued by the competent authority is uploaded on the Portal and enclosed herewith.
9	Revised Lay out Plan is uploaded and enclosed herewith.
10	The area left blank/open is for the training purpose of the officials and drill practices.




11	The patch of land indentified for the project is having very less No. of felled as compared to other alternatives in the alignment. Hence the patch identified cannot be escaped.
12	The cost benefit analysis has been revised and uploaded on the portal. The same enclosed herewith.
13	The NPV has been revised with revised rate by MoEF & CC letter dated 06.01.2022 and uploaded on the portal. The same is enclosed herewith.
14	The proposed CA Land status wise is uploaded on the portal and enclosed herewith.
15	The Eco Sensitive Zone certificate has been uploaded on the MoEF portal in additional information and enclosed herewith.
16	The NOC from the State Pollution Control Board has been uploade and enclosed herewith.
17	The process of obtaining Environment Clearance is under process and will be submitted on before In-Principle approval. Necessay undertaking is uploaded and enclosed herewith.
18	During any major disaster extra troops of NDRF Battalion is required for rescue work, for which temporary camps have to be prepared and sometime population concerned is also to be accommodated. This setback & open area is required for the same purposes. Necessary undertaking is uploaded and enclosed herewith.
19	Muck management plan has been uploaded and enclosed herewith.

In view of the reply given above, may please considered and accordingly report be transmitted to higher office to obtained necessary approval under FCA,1980 and conveyed to this office please.


Deputy Conservator of Forests,
Mandi Forest Division, Mandi, H.P

CERTIFICATE

This is to certify that the land holding in Himachal Pradesh is very less and land acquisition is not possible. The people of Himachal Pradesh are having very less land for their livelihood. The patch of land identified for the proposed project is most suitable and feasible and cannot be escaped.


Sub Divisional Officer, Civil
Sub Divisional Officer (c)
Balh, Distt. Mandi H.P

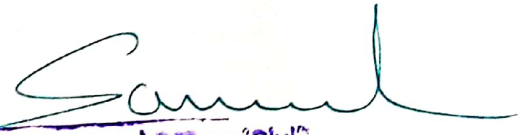
CERTIFICATE

This is to certify that the setting up of National Disaster Response Force NDRF Battalion at Balh will provide immediate assistance during any disaster (like Land Slide, Accidents, Flood etc.) in the Beas Valley region in particular and to the people of entire State of Himachal Pradesh rather than a particular village.


Sub-Divisional Officer (Civil)
Sub-Divisional Officer (c)
Balh, Distt. Mandi H.P

UNDERTAKING FOR FRA CERTIFICATE

I, Sub Divisional Officer (c), Sub-Division Balh Distt. Mandi H.P do hereby submit that **FRA Certificate** will be submitted for setting up of **NDRF battalion** at Mandi **before stage- II approval** as the process of obtaining FRA is under process.


Sub Divisional Officer (Civil)
Sub Divisional Officer (c)
Balh, Distt. Mandi H.P

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
राज्य परिवहन और राजमार्ग मंत्रालय, भारत सरकार

National Highways Authority of India

(Ministry of Road Transport and Highways, Govt. of India)

NHAI PIU-Mandi, Bagla Muhal Chakkar P.O. Nagchala, Teh. Balh, Distt. Mandi, Pin - 175025
Email: mandi@nhai.org , pd.mandipiu@gmail.com | Phone: 01905-246383

OFFICE OF THE PROJECT DIRECTOR

Priority

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NHAI/PD/PIU-Mandi/NOC/2022/58/1368

To

Sub Divisional Magistrate,
Balh, Distt. Mandi

Sub: No Objection Certificate for the construction of road from proposed National Highway at km 194+000 in village Behna, Tehsil Balh Distt Mandi in the state of Himachal Pradesh.

Ref: i) Joint site visit held on 30 July 2022.

Madam,

Please refer Joint site visit held on 30 July 2022 wherein Kanungo, Tehsil Balh, Junior Engineer HPPWD, Site Engineer NHAI, representative of Authority Engineer and Contractor were present.

2. During site visit, it has been observed that a single lane (village road) is existing and accordingly, Contractor M/s KMC Construction Ltd has constructed the access to the village road. However, as per the requirement of HPPWD, there is need of two lane road from National Highway which is to be constructed by HPPWD/ executing agency for which No Objection Certificate was desired from this office

3. In view of the above, this office has No objection for the construction of two lane road by executing agency/ HPPWD which is subject to conditions as under:

- All expenses is to be borne by the executing agency/ HPPWD
- The design and drawings of junction is to be done as per IRC Codes & MoRTH specifications which needs to be submitted by executing agency/ HPPWD to NHAI for its approval.
- The traffic management plan needs to be provided by HPPWD to this office for approval for safe passage of traffic during construction.
- Any additional acquisition required for this purpose is to be done by concern department.
- Any damages caused outside ROW due to dismantling of retaining wall will be borne by concern department.
- No damage to National Highway to be done b HPPWD/ executing agency due to construction.
- The widening of existing road to National Highway us to be done beyond ROW of NHAI for which Land Acquisition to be done by concern department/ HPPWD with all protection measures.

4. This is for your information and necessary action please.
With regards,

(Varun Chari)
Project Director

Copy for information to:-

- Regional Officer, NHAI, Shimla
- Team Leader, M/s TPF Getinsa Euroestudios SL.
- Authorized Signatory, M/s KMC Construction Ltd.

प्रधानकार्यालय: जी-5 एवं 6, सेक्टर-10 द्वारका, नई दिल्ली-110075
Head Office: G-5&6, Sector-10, Dwarka, New Delhi - 110075

सं०-रा०आ०मो० बल/14 वीं वाहिनी रा०आ०मो० बल/अभि०/मण्डी जमीन पत्रा/2022 - 1912

कार्यालय सेनानी, 14 वीं वाहिनी रा०आ०मो० बल

गृह मंत्रालय/भारत सरकार

जाच्छ, जसूर नूरपुर (हि०प्र०)

(ई मेल:- co14.ndrf@gov.in)

दिनांक 05/08/22

सेवा में,

उप मण्डलाधिकारी (ना०)

बल्ह, जिला मण्डी, हि०प्र०।

विषय:- Diversion of 27.5709 ha of forest land for setting up of NDRF Battalion.

महोदय,

कृपया अपने कार्यालय के पत्र सं० 1097-98 दिनांक 02.08.22 का सन्दर्भ ग्रहण करे जिसके तहत उप-मण्डल बल्ह जिला मण्डी में एन०डी०आर०एफ० की बटालियन बनाए जाने के संबंध में मद संख्या 08 व 09 पर वाहिनी से सूचना भेजने हेतु कहा गया है।
उपरोक्त विषय में मांगी गई जानकारी निम्न प्रकार से है :-

क्र०सं०	सुद्धा	अनुपालना
8.	As per the FC Guideline, the Construction of residential quarters for officers and staff is not permissible on forest land. Therefore, State Govt. may submit a detailed justification along with <u>supporting executive order for minimum area requirement Guideline/Notification/Norms</u> for all the required components for establishing NDRF Battalion issued by the competent authority in this regard.	In this regard, it is intimated that proposed construction of qtrs will be used for providing accommodation to GOs, SOs and Jawans of the unit who will carry out rescue and relief operation in case of any disaster occur in the territory of Himachal Pradesh State.
9.	Length and Width -wise dimensions of the Proposed components are not marked on the Line plan. Therefore State Govt. may revise Line Plan showing all the Dimensions of each components in the format of Length and Width duly authenticated by the concerned DFO.	Required detail is enclosed herewith at appendix-A

अतः उक्त जानकारी आपके कार्यालय को अग्रिम कार्यवाही हेतु प्रेषित है।

प्रतिलिपि:- उपायुक्त जिला मण्डी हिमाचल प्रदेश।

सं० 14 वीं वाहिनी रा०आ०मो० बल
IT CELL, 14th BN, NDRF
सं० 14 वीं वाहिनी रा०आ०मो० बल
दि.सं. 05/08/22
हस्ताक्षर

C.I. 14
सहायक निरीक्षक (आभयना)
Asstt. Commandant (Engr.)
14th BN, NDRF
05/08/22

AREA DETAILS FOR NDRF MANDI (H.P) CAMPUS

BUILT UP AREA CALCULATION

Sl. No.	BUILDING Name	Dimension (In sqm)	Ground Coverage (sqm)	Total Built up Area (S.qm)
2	12 Nos. Dog Kennel (2 Blocks)	25x16 (2 Nos.)	800	800
3	Communication Block	20x12.75	255	255
4	QM store	35x10	350	700
5	MT Block (80 Garrage)	25x15.68 25x15.68 25x15.68 25x15 20x12 20x12 25x13.08	2750	2750
6	Admin Block	48.26x11.5	555	1700
7	Company & Team office Block	80x25	2000	4000
8A	Gos Mess Block	35x13.43	470	630
8B	Sos Mess Block	40x25.75	1030	2390
8C	180 Men Barracks (4 Blocks)	45x15(4 Nos.)	2700	10800
9A	Type-II Quarters (304 units)/Jawan Accomodation	20x7.25	5510	22040
9B	type-III Quarters (72 units)/So's Accomodation	20x8.25	1485	5940
9C	type-IV quarters (12 units)/Gos Accomodation	30x16	480	1440
9D	Type-V Quarters (4 units)/ VIP Residence	25x14.24	356	712
10	Hospital Block	40.07x15.60	625	1250
11A	Cooperative Store & Canteen	25x20.84	521	521
11B	Bank, Post office & Canteen	25x20.84	521	521
11C	Recreation Centre	25x10	250	500
11D	ESS	25x18	450	450
18	Quarter Guard	10x10	100	100
19	Training Block	31.75x20	635	1905
20B	Gyanasium	30x20	600	1200
20C	Auditorium	25x16	400	400
20E	Swimming Pool/Diving etc	50x25.50	1275	1275
20F	High Rise Rescue	4x3.25	13	65
21	NBC Battalion	40x17.5	700	1400
22	NDRR Store	80x37.5	3000	3000
23	Library	15x10	150	150
	Total		27981	66894
OPEN AREA CALCULATION				
1A	Play Ground	125x56	7000	7000
1B	Parade Ground	145.51x57.04	8300	8300
20A	Basic Rubble Field	80x50	4000	4000
20D	OAT	44.01x13.34	587	587

Sub-Inspector (Overseer)
14th BN NDRF

Asst. Commandant (Engg.)
14th BN NDRF



No. 31/2010 Fin-IV
 Government of India
 Ministry of Home Affairs, North Block, New Delhi
 Disaster Management Division
NDRF Section

Lok Nayak Bhawan, New Delhi
 Dated the 10-08-2011

- (i) Secretary (NDMA)
 NDMA Bhawan, A-1 Safdurgung Enclave,
 New Delhi.
- (ii) Director General,
 NDRF, East Block-VII,
 Level-7, R.K. Puram,
 New Delhi.

Subject: Proposal for approval of NDRF Battalion infrastructure by MHA.

Sir,

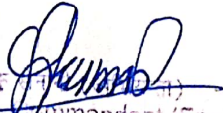
I am directed to refer to your letter No. NDMA/NDRF/Infrastructure/381/2010 dated 18-2-2011 on the above mentioned subject and to state that the competent authority has approved the norms and scales of infrastructure relating to office accommodation, residential accommodation, outdoor training block, kennel for dogs, hospital, prop area, fitness centre ware house, library, miscellaneous works etc. for NDRF Battalion as per the details given in the enclosed **Annexure**.


2. The approval is subject to the condition that the kennel infrastructure for dogs may be restricted to 36 dogs for each of the new battalions at Guntur and Patna and for 12 dogs in each of the other 08 NDRF Bns.

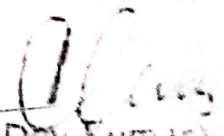
3. This issue with the concurrence of IFD, vide its diary No.84046/Fin-IV/2011 dated 21-7-2011.

Encl: As above (Total 5 pages)

Yours faithfully,


 सहायक (इंजीनियर)
 Asst. Commandant (Engr.)
 14th Bn, NDRF


 Sub Divisional Officer (Civil)
 Balh, District Mandi (H.P.)


 (Dev Kumar)
 Director (DM-I)
 Tel: 24642853

Copy to: Integrated Finance Division, (FIN-IV), MHA, North Block, New Delhi.

(490)

Annexure

ORIZATION OF SCALE/NORMS OF INFRASTRUCTURE FOR NDRI BATTALION

No.	Details of facilities.	Area authorized. (in Sq.mtr)
1	2	
1	OUTDOOR TRAINING BLOCK	3
	1. Drill sheds (692.38 sq.mtr)	1
	2. P.T Ground	692.38
	3. Parade ground	46700
	4. Obstacles course	
	5. Play Grounds	
		(Athletics of 400 mtr. Track, play ground like hockey ground, football ground, volleyball court, basketball, boxing ring and swimming pool, etc.
2	KENNEL INFRASTRUCTURE FOR DOGS TRAINING	1220
	Kennel (with requisite facilities) for 36 dogs for each of the battalion at Patna & Guntur. For the other 2 battalions to be restricted to 12 dogs.	
	Cook house for dogs food.	
	A veterinary Hospital with the following facilities i.e. vet. Officer room, M.I room, Minor operation room, Injection room, Quarantine bloc, Store	
	Training area of appropriate size and facilities	
	Dog handler staff room.	
3	COMMUNICATION BLOCK	255
	Office Room for Asstt. Commandant (Comn)-1	
	Signal Centre	
	Radio Grid supervisor office	
	Telephone exchange-1	
	Internet/Room-1	
	Instruments repair room-1	
	Store room for Communication equipments-1	
	Battery Charging cum generator room-1	
4	QUARTER MASTER STORES	
	store room for CSSR equipment	696
	store rooms for MFR equipment	
	Store room for Flood rescue equipment (excluding boats)	
	store rooms for NBC equipment	
	Store rooms for clothing and personal protective equipments	
	store room for tent	
	store room for	
	Sheds for	

Commandant

14वीं वॉटिंग मायामो नल

सहायक (अभियन्ता)
Asstt. Commandant (Engr)

store rooms for condemned stores awaiting disposal
Office room for QM stores staff

MT BLOCK

Office room for Asstt. Comdt. (MTO)-1

MT Office

Sheds for all MT Vehicle (as per sanctioned fleet strength)

Heavy Vehicle X 21

Medium Vehicle X 18

Light Vehicle X 38

MT Workshop with work pit

Engine shop

Lathe Machine

Body Fitter room

Painting room

Welder room

Washing Ramp

Store for spare parts, tyres / tubes and batteries

MT General store

Tyre store

Spare part store

Storage for POL

Battery Charging Room

Room for MT staff / Drivers duty room

6

ADM BLOCK

Office room for Commandant-1

Steno to the Comdt-1

Second-in-Command-1

Deputy Commandant (Adm)-1

Deputy Commandant(QM)-1

Asstt. Commandant(JSO)-1

Asstt. Commandant Pioneer platoon

Office accommodation for staff of Adm. and pioneer platoons

Office accommodation for Establishment

Office accommodation for Accounts Branch

Office accommodation for QM Branch

Office accommodation for Training Branch

Cashier Room

Record room

Conference room

Control room

COMPANY & TEAM OFFICE BLOCK

Office Chamber for coy Commander(DC/AC)-1

Office accommodation for other company staff (Insp/

SI/HC/PCs

QM Stores-1

DMSH

MESSES

A fully-furnished

rest house for vis

personages and

2100

6000

Sub Divisional Officer (Civil)
Raj. District Mandi (H.P.)

15.57

4130

Top area

Rubble filed with collapsed single & Multi stored structures

Decontamination trg area

Artificial wall cum slithering tower-1

Swift water training facility

Area for dead body management

Responders fitness room cum Gymnasium

Indoor auditorium (with a seating capacity for 300 persons)

Swimming Pool with deep diving facility-1 and one deep end

Open air Auditorium with a seating capacity of 1500 Personnel.

21

ADDITIONAL REQUIREMENT OF NBC BATTALION

Radiological training laboratory with instruments Calibration room

Mask Testing Room

Head stroke relied room

Shower area

change Room

Monitoring Room

Debriefing Room

Decontamination Room

Biological Model Room

Chemical Model Room

Hazardous Material stores

Non hazardous material stores

Underground Nuclear shelter for learning and practice by troops

Personal protective equipment (PPE) stores

22

WAREHOUSING OF NATIONAL DISASTER MITIGATION RESERVE STORES

1. Pre-Fabricated steel structure godown with poly coated sheet in roofing and sidewall cladding of the size 126 X 21.80 mtr

2. Approach road 50X6 mtr

3. Tube well.

23

LIBRARY

Library-Cum-Reading Room-1

24

Office space for Library Staff-1

OTHER FACILITIES

i) Helipad cum Heli dropping area

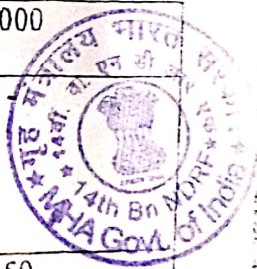
25

ii) Central school

iii) Miscellaneous works

1. Incident resting (Main unit & Multi unit)
 ii) Rain (Main unit & Multi unit)
 iii) Auditorium (Main unit & Multi unit)

(799)



4000

150

1500

36421.7

CTC

सहायक निरीक्षक (अभियन्ता)
 Asstt. Commandant (Engr.)
 14वीं वाहिनी, राष्ट्रीय आपदा
 14th Bn, NDRF



	outstation guest faculty-1 (with 4 suits and 12 rooms fully furnished) with Messing etc facilities.	
	A Hostel for trainee officer from State Government and Community volunteer 30 double bedded rooms (Fully furnished)	
	Subordinate officers Mess (fully furnished) with 30 double bedded rooms, besides a common room, dining hall, kitchen, store room etc.	
	Barracks (fully furnished) for other ranks of a capacity to accommodate 180 personnel each)-3	-
	A fully furnished Barracks (to accommodate 180 persons) for trainee from outside.	-
9	RESIDENTIAL ACCOMMODATION	
	100 % family accommodation for commandant and other Gazetted Officer, as per the types of entitlement. 01	270.40
	Family accommodation for subordinate officer to the extent of 75% of sanctioned strength. 10	1992
	Type-II & III qtrs for Constable, Head constable and other staff (as per the entitled type of accommodation) to the extent of 75% of sanctioned strength.	1257.10
	Type-III (128 Nos) 31	4653.45
	Type-II (716 Nos) 34	16722

Note: As per Kamal Kumar Committee report 100 % family accommodation for officers and 75 % authorization for upto the rank of Inspectors.

10	20 BEDED HOSPITAL	1250
11	OTHER FACILITIES	
	i) Generator Room	100
	ii) Cooperative stores and canteen	660
	iii) Recreation Centre	650
	iv) Family welfare centre	500 ✓
	v) Bank Post office/cyber café and shopping complex	500 ✓
	vi) In PAR estimate the area of Children park has not been considered but now the area.	2500
12	Development work (75 Acres)	-
13	Sub station equipments electrical	-
14	Over head tank (8.00 lac lit capacity)	-
15	Bore well (150 mtr. Deep) 02 Nos.	-
16	Allied PIPE works.	-
17	Peripheral boundary wall (300.7 mtr.	-
18	Quarter Guard	100
19	TRAINING BLOCK	1943.16
	Class Room (of seating capacity of 60 each) with 4 break away syndicate rooms of a capacity of 10 each)	ETC
	Class Room (of seating capacity of 60)-1	
	Table top Exercise Hall (with seating capacity of 100)-1	
	Earthquake Simulator Room	
	Computer Room-1	
	Store Room for training equipment-1	



(80)

point HD video conference system, video conference mixer, tele conferencing mixer, VGA switch gear, composite switch gear, digital steer able audio solution, teleprompter, interpreter solutions, plasma display, 3 chip high luminous DLP projector, Video scalar, control system with fixed & WI-FI touch panel, cable & connectors)

iv) SITC of stage lighting system with compact controller.

TOTAL AREA

156291.23

CRS 1 100 000
(21,800) 95 4 131395

Balder

सेनानी

Commandant

14वीं वाहिनी, रा.आ.मो. बल
14th Bn NDRF

CTC

Sharma

सहायक (अभियन्ता)
Asstt. Commandant (Engr.)
14वीं वाहिनी, रा.आ.मो. बल
14th Bn. NDRF



Sam
Sub Divisional Officer (Civil)
Rd. District Mandi (H.P.)

9m9

TO GAGAL ROAD



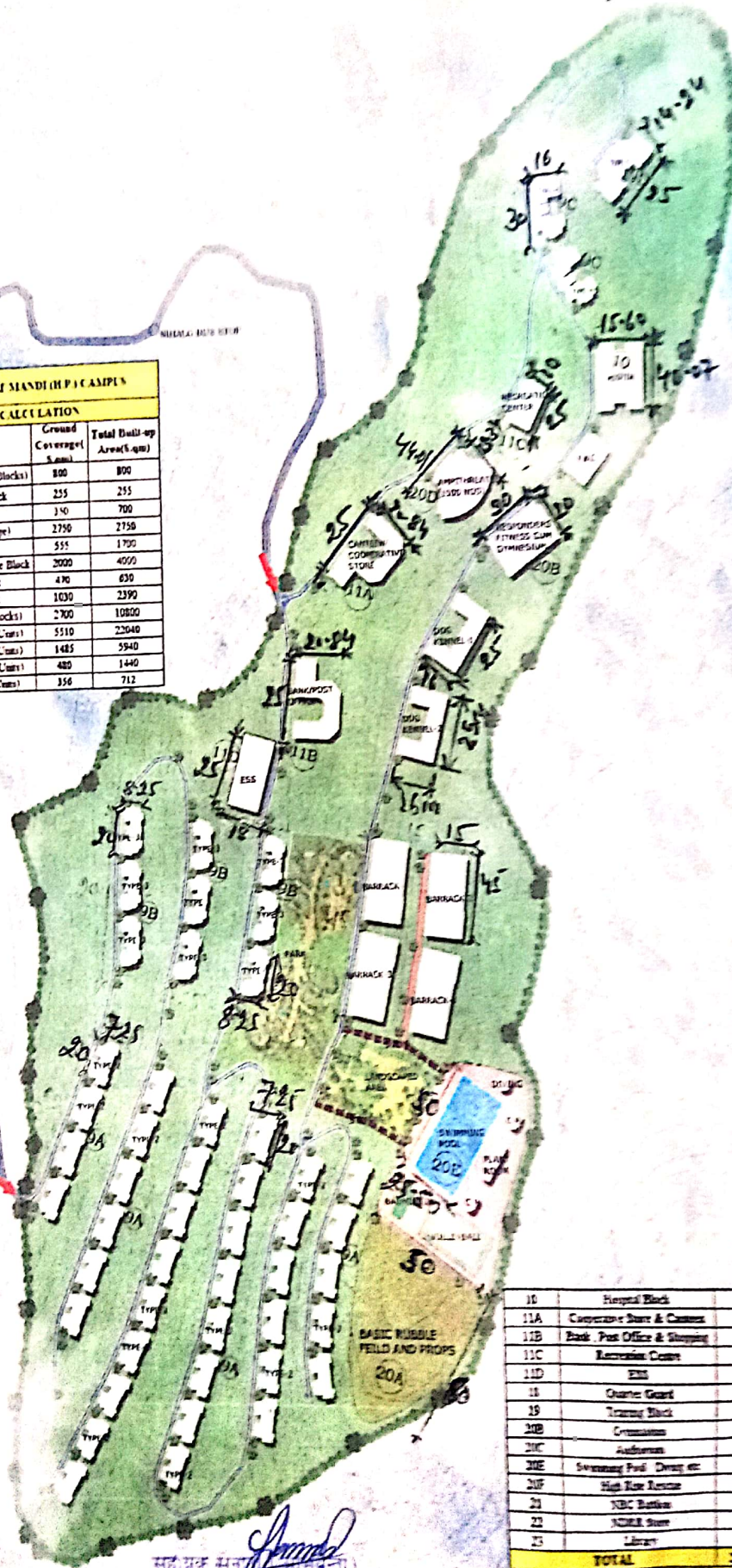
सहप्रमुख (आवृत्ति)
Assistant Commandant (Engr)
14th Bn, NDFF
14th Bn, NDFF

9A	Type-II Quarters (4-1 Unit)	5512	2240
9B	Type-III Quarters (4-1 Unit)	2480	5940
9C	Type-IV Quarters (4-1 Unit)	480	1440
9D	Type-V Quarters (4-1 Unit)	128	72
10	Residential Block	120	1200
11A	Cooperative Store & Canteen	120	120
11B	Bank Post Office & Shopping	120	120
11C	Recreation Centre	250	250
11D	ESB	450	450
18	Quarter Guard	100	100
19	Crusery Block	650	1950
20B	Greenhouse	300	1200
20C	Auditorium	400	400
20E	Swimming Pool, Dining etc.	1270	1270
20F	High Rise Arcade	12	60
21	NBC Bunkies	700	1400
22	NBCRA Store	2000	2000
23	Library	250	250
TOTAL		27982	56994
OPEN AREA ALLOCATION			
1A	Play Ground	2500	2500
1B	Parkie Ground	4500	4500
20A	Snow Mobile Field	90	90
20D	Q.A.T	15000	15000
TOTAL		18690	18690

POCKET-2



AREA DETAILS FOR NDRI STAND (H.F.) CAMPUS			
BUILTUP AREA CALCULATION			
LEGEND	Building Name	Ground Coverage (sq.m.)	Total Built-up Area (sq.m.)
2	12 Nos. DOG Kennel (Blocks)	800	800
3	Communications Block	255	255
4	QM Store	350	700
5	MT Block (20 Garage)	2750	2750
6	Admin Block	555	1750
7	Company & Team Office Block	2000	4000
8A	GO'S Mess Block	470	630
8B	SO'S Mess Block	1030	2390
9C	180 Nos Barracks (4 Blocks)	2700	10800
9A	Type-II Quarters (204 Units)	5510	23040
9B	Type-III Quarters (12 Units)	1485	3940
9C	Type-IV Quarters (12 Units)	480	1440
9D	Type-V Quarters (4 Units)	356	712



सहायक संचालक (सहायक)
Asstt. Commandant (Engr)
14वीं बटाली, ग.आ.स. बल
14th Bn, NDRI

10	Hospital Block	67	120
11A	Cooperative Store & Canteen	225	225
11B	Block - Post Office & Shopping	225	225
11C	Recreation Centre	225	225
11D	ESS	450	450
18	Quarters Guard	100	100
19	Training Block	600	1800
20B	Gymnasium	800	1200
20C	Auditorium	400	400
20E	Swimming Pool - Diving etc.	1270	1270
20F	High Rise Terrace	25	50
21	NBC Building	700	2400
22	NDRI Store	3000	3000
23	Library	100	100
TOTAL		27000	64000
OPEN AREA CALCULATION			
1A	Play Ground	7000	7000
1B	Parade Ground	6300	6300
20A	Basic Rubble Field	4000	4000
20D	GAT	500	500
TOTAL		18300	18300

COST BENEFIT ANALYSIS FOR DIVERSION OF FOREST LAND

of the Project:- Setting up of National Disaster Response Force (NDRF) at Balh Distt. Mandi H.P.

Nature of Proposal:- Diversion of 27.5709 Ha. of Forest Land under FCA, 1980 for setting up of National Disaster Response Force (NDRF) at Balh Distt. Mandi H.P.

Total Forest Area:- 27.5709 Ha

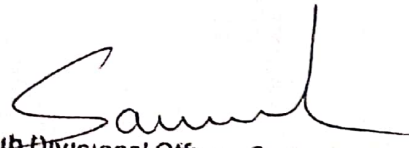
Purpose:- The Cost Benefit Analysis is being undertaken for proposed diversion of Forest Land for setting up of National Disaster Response Force (NDRF) at Balh Distt. Mandi H.P.

Cost Benefit Analysis as per MoEF&CC Guideline for Forest Land Diversion – August, 2017

Table-A

Case under which a Cost-Benefit Analysis for Forest Diversion is required.

Sr. No.	Nature of Proposal	Applicable/Not Applicable	Remarks
1.	All category of forests involving forest land upto 20 hectares in plains and 5 hectares in hills	Applicable	These proposals may be considered on case to case basis and value judgment
2.	Proposal for defence installation purpose and oil prospecting.	Not Applicable	In view of National priority accorded to these sectors, the proposal would be critically assessed to help ascertain that the utmost minimum forest land is diverted for non-forest use.
3.	Habitation, establishment of industrial units, tourist lodge complex and other building construction	Not applicable	These activities being detrimental to protection and conservation of proposals would be rarely entertained.
4.	All other proposal involving forest land more than 20 hectares in plains and more than 5 hectares in hills including roads, transmission lines, minor, medium and major irrigation projects, hydro projects, mining activity, railway line, location specific installation like micro wave stations, auto repeater centres, TV towers etc.	Not Applicable	These are cases where a cost benefit analysis is necessary to determine when diverting the forest land to non-forest use in the overall public interest


 Sub-Divisional Officer (Civl.)
 Balh, District Mandi (H.P.)

COST BENEFIT ANALYSIS **Estimation of Cost of Forest Diversion**

Table: B

Parameters	Value expressed to Monetary terms and in Detail	Remarks
Ecosystem services losses due to proposed forest diversion	Rs. 1,81,14,081/-	Economic value of loss of eco-system services due to diversion of forest shall be the net present value (NPV) of the forest land being diverted as prescribed by the Central Government (MoEF & CC).
2. Loss of animal husbandry productivity, including loss of fodder	Rs. 18,11,408/-	To be quantified and expressed in monetary terms or 10% of NPV applicable whichever is maximum
3. Cost of human resettlement	Since no residential village/ area is getting affected, there will be cost of human resettlement.	To be quantified and expressed in monetary terms as per approved R&R plan
4. Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways, etc.) on forest land, which would require forest land if these facilities were diverted due to the project.	Since no public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways, etc.) on forest land, being diverted due to the project, there will be no such loss.	To be quantified and expressed in monetary terms on actual cost basis at the time of diversion
5. Possession value of forest land diverted	30% of environmental costs (NPV) due to loss of forests i.e. Rs. 54,34,224/-	30% of environmental costs (NPV) due to loss of forests or circle rate of adjoining area in the district should be added as a cost component as possessor value of forest land whichever is maximum
6. Cost of suffering to outsiders	Nil	The social cost of rehabilitation of oustees (in addition to the cost likely to be incurred in providing residence, occupation and social services as per R&R plan) be worked out as 1.5 times of what oustees should have earned in two years had he not been shifted.
7. Habitat Fragmentation Cost	Rs. 90,57,041/-	While the relationship between fragmentation and forest goods and services in complex, for the sake of simplicity the cost due to fragmentation has been pegged at 50% of NPV applicable as a thumb rule.
8. Compensatory afforestation and soil & moisture conservation cost	Rs. 1,37,85,258/-	The actual cost of compensatory afforestation and soil & moisture conservation and its maintenance in future at present discounted

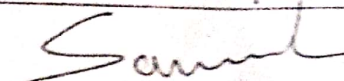

Sub Divisional Officer, Civil
Dist. District Mandi (H.P.)

Table: C

Estimating Benefits of Forest Diversion in Cost Benefit Analysis

Parameters	Value expressed in monetary terms	Remarks
1. Increase in Productivity attribute to the specific project	Growth of local business by almost Rs. 10,00,00,000.00 (Ten Crore Only) (Approx.)	To be quantified & expressed in monetary terms
2. Benefits to economy due to the specific project.	The economic benefit in monetary terms due to the activities attributed to the specific project will be Rs. 10, 00.00 Lakhs (Ten Crore Only). (Approx.)	The incremental economic benefit in monetary terms due to the activities attributed to the specific project.
3. No. of population benefited due to specific project.	About 4,80,392 man days job will be generated by the construction of the project, which will be paid with average salary of Rs. 475/- per day. That means around Rs. 228.19 Lakhs will be paid as salaries to the workers.	
4. Economic benefits due to direct and indirect employment due to the project.	Directly:- 2150 Indirectly:- 4,78,242	
5. Economic benefits due to Compensatory Afforestation	Economic benefits due to Compensatory Afforestation includes Benefits due to animal husbandry productivity including fodder and fuel wood, Ecosystem services Benefits due to proposed forest diversion, Possession value of forest land diverted will be Rs. 2,38,48,305/-	

Sand
Sub Divisional Officer (Civil)
Rajb. District Mandi (H.P.)

Summary of Cost Benefit Analysis for the Project

Total Cost/Loss	Evaluation
Ecosystem Services Loses Rs. 1,81,14081	Increase in productivity attribute to the specific project Rs. 10,00,000,00/-
2. Loss of animal husbandary productivity including loss of fodders RS. 18,11,408	Benefit to economy due to the specific project Rs. 10,00,000,00/-
3. Loss of public facility- Nil	
4. Possession value of forest land diverted Rs. 54,34,224	Ecological gain from compensatory afforestation on 27.5709 Ha. on degraded land would be Rs. 2,38,48,305/-
5. Habitat fragmentation cost Rs. 90,57,041/-	Total Employment Cost Rs. 2,28,19,000/-
6. Compensatory afforestation and soil & moisture conservation cost Rs. 1,37,85,258/-	
Total Cost/Loss= 4,82,02,012/-	Total Gain/Benefit from Project= 24,66,67,305/-

Cost Benefit Ration=Total Benefit/Total Cost

Therefore, CB Ration=246667305/48202012

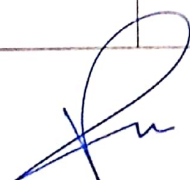
CB Ration= 5.11 which is >1, so project is found viable based on given criteria.

Samudra
Sub Divisional Engineer (Civil)
Balt, District Office, P.
Dist. Engineer, District Office, P.

MANDI FOREST DIVISION

NET PRESENT VALUE FOR THE DIVERSION OF 27.5709 ha FOREST LAND FOR THE CONSTRUCTION/ SETTING UP OF NATIONAL DISASTER RESPONSE FORCE (BATTALION) WITHIN THE JURISDICTION OF MANDI FOREST DIVISION, DISTT. MANDI H.P


Sr. no.	Name of Scheme/Project	Forest land proposed to be diverted (in ha)	Eco-Value Class and Density	Rate of NPV as per decision of Supreme Court of India date 23.3.2008	Amount involved
1.	Diversion of 27.5709 ha of Forest Land for the construction / setting up of National Disaster Response Force (Battalion) within the Jurisdiction of Mandi Forest Division, Distt. Mandi H.P	27.5709 ha.	Eco-value class V Density=0.99	10,05,210/-	2,77,14,544/-


Deputy Conservator of Forests,
Mandi Forest Division Mandi

P. 4014

IN 55.41 HA TO BE CARRIED OUT IN LIEU OF DIVERSION OF 27.5709 ha
 FOREST LAND FOR THE CONSTRUCTION/ SETTING UP OF NATIONAL
 DISASTER RESPONSE FORCE (BATTALION) WITHIN THE JURISDICTION
 OF MANDI FOREST DIVISION, DISTT. MANDI H.P

S.No.	Range	Block	Name of Area	Area in Ha	Status of Land
1.	Panarsa	Shivabadhar	Naugidhar	10	DPF (Degraded Forest)
2.	Panarsa	Shivabadhar	Tandidhar	5	DPF (Degraded Forest)
3	Panarsa	Shivabadhar	Muthal	5	DPF (Degraded Forest)
4	Panarsa	Shivabadhar	Echanihalag Bandhi	5	DPF (Degraded Forest)
5	Panarsa	Piun	Kabdhiana	4.81	DPF (Degraded Forest)
6	Kataula	Malwara	Mathiyana	4.96	DPF
7	Kataula	Malwara	Ropa	4.99	DPF
8	Kataula	Malwara	Jorla	10.8	DPF
9	Kataula	Malwara	Seri	4.85	DPF
			Total	55.41	


 Deputy Conservator of Forests
 Mandi Forest Division, Mandi H.P

No.C.I.7/ 5463
H.P. Forest Department.

Dated Kullu, the/ 3/12/22

From: -

Divisional Forest Officer,
Wild Life Division, Kullu.

To: -

Sub-Divisional Officer (Civil),
Balh, Distt. Mandi HP.

Subject:

Diversion of 27.5709 ha of land for setting up of National Disaster
Response Force (NDRF) at Behna Tehsil Balh Distt. Mandi HP.
Battalion in favour of Sub-Divisional Officer (Civil) at Balh Tehsil
Balh, Distt. Mandi HP. within the jurisdiction of Mandi Forest
Division District Mandi, HP. (Online Proposal No. FP/ HP/ Others/
122895/ 2021.

Office of the S.D.O. (C) Balh

Priority

Dealing No.

Receipt No.

Date

OK

5256

2-12-22

9 Sd/- S.D.O. (C)

3/12/22

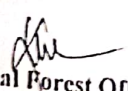
Sir,

Kindly refer to your office letter No. SDO(C) Balh/S.D.K/2022-1586
dated 11.11.2022 & letter No. SDO(C) Balh/S.D.K/2022-1601-04 dated 16.11.2022,
on the subject cited above.

2. In this regard, it is informed that as per the field report received
from the RFO, Wild Life Sunder Nagar the proposed site of land for setting up of
National Disaster Response Force (NDRF) Battalion at Behna Tehsil Balh, Distt.
Mandi HP, do not fall within the boundary of Bandli Wild Life Sanctuary as well
as its proposed Eco-Sensitive Zone. The aerial distance from the proposed site to
Bandli Wild Life Sanctuary & its proposed Eco-Sensitive Zone is as under:-

Name of nearest Wild Life Sanctuary	Distance from the Boundary of Sanctuary.	Distance from the Boundary of proposed Eco-Sensitive Zone.
Bandli, Wild Life Sanctuary	21 Km.	20.50Km.

This is for favour of information please.


Divisional Forest Officer,
Wild Life Division, Kullu.



H.P. STATE POLLUTION CONTROL BOARD

Regional Office Mandi, 1st Floor, Legend Building,
Opposite - Dev Bhoomi Hyundai, VPO Gulkar, Tehsil Balh,
Distt Mandi HP. Telefax: 01978-223550
Website: <http://hpspcb.nic.in/pchrobilaspu@gmail.com>

Atul Parmar
Environmental Engineer
H.P. State Pollution Control Board Mandi

No. PCB/R.O.BLP (3 - IV)/Transfer of Land /NOC / Vol.-III/2018 -5435-36 Date:-17/12/22

To
The Deputy Commissioner,
Mandi Distt Mandi H.P.
Subject: Regarding 'No Objection Certificate' issued for transfer of land in favour
of NDRF Battallion at Behna Distt Mandi HP
Sir,

This is in reference of the application No. Endst No. SDM/Balh/SDK/2022/1742 dated 15.12.2022 for the issuance of the "No Objection Certificate" for transfer of land located at Kh. No. 1292/478 (12.81 Ha) Rutta Sarkar, Kh. No. 479 (0.69 Ha) Charagah Villa Darakhtaan, Kh. No. 1179/318 (12.16 Ha) Rutta Sarkar, Kh. No. 1365/1355/440/1 (1.91 Ha) Charagah Darakhtaan in Range Behna/210 Division Mandi Distt Mandi Total 27.57 Hectares for established NDRF Battallion. In this context State Pollution Control Board has "No Objection" for the transfer of the said land, however, the applicant should provide proper arrangements for dumping of muck/debris during construction stage. The "No Objection Certificate" is subject to the following conditions:-

- > Transfer of land shall be Governed only by the regulations and provisions prescribed by Revenue Department and this NOC alone shall not entitle the applicant to purchase /acquire land.
- > The NOC issued shall not confer any right on the applicant to establish the project unless the Revenue Department has actually allowed the acquisition of land.
- > The unit shall take adequate measures for abatement of pollution.
- > The unit shall include and implement the adequate provision for muck management in a scientific way, Sewage Management in a scientific way, Municipal Solid Waste management as per Municipal Solid Waste Management Rules, 2016 compliance of Ambient, Air Quality standards w.r.t. noise under the provision of Environmental Protection Act, 1986.
- > Nothing in this "No Objection Certificate" shall be deemed to preclude the institution of any legal action nor relieve the applicant from any responsibilities or penalties to which the application is or may be subject.

Office of the S.D.O. (C) Mandi

Priority _____

Dealing hand _____

Receipt No. _____

Date _____

Yours Faithfully,

Atul Parmar
Environmental Engineer
H.P. State Pollution Control Board Mandi

Copy to

Sydt./S.D.O. (C)

1. The Sub-Division Officer (C) Sub - Division Balh Distt Mandi for kind information please.

21/12/22

Atul Parmar
Environmental Engineer
H.P. State Pollution Control Board Mandi

P. No 16 -

Himachal Pradesh
Jal Shakti Vibhag

No.JS -EE-BGI-WA-/NOC/2023-31853-54
To

Dated: 11-01-23

Sub Division officer (Civil)
Balh Distt. Mandi H.P.

Subject:

Diversion of 27.5709 ha of land for setting up of National Response Force (NDRF) at Behna Tehsil Balh Distt. Mandi H.P. Battalion in favour of Sub Divisional Officer (Civil) at Balh, Tehsil Balh Distt. Mandi H.P. within the jurisdiction of Mandi Forest Division Distt. Mandi H.P. (Online Proposal No. FP/HP/Others/122895/2021).

Sir,

Refer to your officer letter No S.D.M/Balh/SDK/2022-1605-08 dated 13.11.2022 on the subject cited above, it is submitted that there is existing departmental assets in the aforesaid area. The tentative cost of shifting of utilities is Rs. 3096700/-only. Department has no objection if the cost of utility shifting deposited by the concern department before the execution of the project.


Executive Engineer
JS Division Baggi.

Copy to commandant, 14th BN NDRF Jassur
Nurpur Disst. Kangra H.P. for information.

Executive Engineer
JS Division Baggi.

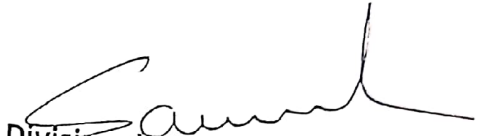
Undertaking to Obtain EC

This is to certify that the process of obtaining Environment Clearance for establishment of NDRF Battalion at Balh Distt. Mandi is under process and will be provided after FCA clearance from MoEF&CC.


Sub-Divisional Magistrate(Civil)
Sub-Division Balh, Distt. Mandi

Justification for Set Back & open Area


This is to certify that during any major disaster extra troops of NDRF Battalion is required for rescue work for which temporary camps has to be prepared and sometime population concerned is also to be accommodated. This setback & open area is required for the same purpose.


Sub Divisional Officer (Civil)
Tehsil Balh Distt. Mandi

MUCK MANAGEMENT PLAN

Sr.	Description	Quantity	Cum
1.	Total Quantity of Muck being produced	315.00 cum	
2.	Deduction for useful stone as required under the clause of agreement to be executed by the Contractor and Executive Engineer of Project. @ 15%	47.25 cu.m	
3.	Net Balance Quantity of Debris/Muck (1-2)	267.75 cu.m	Cum (A)
4.	Quantity available on site with swell factor @ 25% of (A)	67 cum	
	Total Muck with Swell factor (3+4)	334.75 cum	Cum(B)
5.	Material /Muck to be used in Project:-		
(i)	Deduction of material required for the construction of dry masonry wall/Edge wall @ 30% of (B)	100.42 cum	
(ii)	Less for material/Muck required for construction of the proposed site for the construction of R /wall B/wall in filling work etc. @ 30% of (B)	100.42 cum	
(iii)	iii) Less for material/muck required for the filling work on the analogy of half cutting half filling @ 40% (B)	133.9 cum	
	Total :- (i)+(ii)+(iii)	334.75	Cum(C)
6	Net material/Muck to dumped in dumping site (B-C) in Cum	0.00 cum	

There is no balance Muck to be Dumped


 Sub Divisional Officer (Civil)
 Bala, District Mandi (H.P.)