



JUSTIFICATION AGAINST POINT NO. 1

It is submitted that the current proposal Solid waste Management Plant is actually a small Material Recovery Facility (MRF) funded by MOEF &CC GoI under NMHS, and does not fall under the preview of Para 1.15 of FCA guidelines and direction issued by MOEF&CC GoI letter dated 24.01.2022 because the word "Solid waste Management Plant" has not been found mentioned under the category of non-site specific activities in Para 1.15 of FCA guidelines and direction issued by MOEF&CC GoI letter dated 24.01.2022..

Whereas, it is further submitted that alternative sites were explored, but due to involvement of more forest area, near habitation and involvement of more number of trees in these alternative sites, these alternate sites were rejected. It is further submitted that the Land holding in Himachal Pradesh is very less and people / local communities are dependent on their livelihood on these small private land holdings and people are not willing to provide their private land for this project. Moreover, in Kasol village as well as in District Kullu private land is very less under the ownership of private people & most of the land is forest land.

Further the people / local communities are dependent on their livelihood on these small private land holdings and local people are not willing to provide their private land for this project. Moreover, it is submitted that Kasol town & villages around Kasol area, private land holding of people is very less and they are dependent on their small landholding for their livelihood, further there is no other Govt./non-forest land available in & around the Kasol area. So accordingly the forest land has been identified for the proposed project as it is found most suitable/ feasible because it involve less forest area & less no of trees to be felled, hence cannot be escaped.


Block Development Officer
Development Block Kullu

21

Divisional Forest Officer
Parvati Forest Division
Shimla

Certificate/Justification w.r.t non-availability of non forest /other govt. land & its inescapability for locating the project in forest area

It is further submitted that alternative sites were explored, but due to involvement of more forest area, near habitation and involvement of more number of trees in these alternative sites, these alternate sites were rejected. It is further submitted that the Land holding of the people in Himachal Pradesh is very less and people / local communities are dependent on their livelihood on these small private land holdings and people are not willing to provide their private land for this project. Moreover, in Kasol village as well as in District Kullu private land is very less under the ownership of private people & most of the land is forest land.

Further the people / local communities are dependent on their livelihood on these small private land holdings and local people are not willing to provide their private land for this project. Moreover, it is submitted that Kasol town & villages around Kasol area, private land holding of people is very less and they are dependent on their small landholding for their livelihood, further there is no other Govt./non-forest land available in & around the Kasol area. So accordingly the forest land has been identified for the proposed project as it is found most suitable/ feasible because it involve less forest area & less no of trees to be felled, hence cannot be escaped.


It is further submitted that establishment of this waste management plant in Kasol Area will serves as a beacon of hope, offering a sustainable solution to the mounting waste predicament. By employing modern technologies and efficient methodologies, it is going to helps in the proper segregation, recycling, and disposal of waste materials. Beyond the immediate benefit of keeping our streets clean and free from litter, the plants will

~~Dist. Forest Officer~~
~~Parvati Forest Division~~
~~Sunder~~

significantly mitigate the environmental impact of improper waste disposal. It will also minimize air, water, and soil pollution, thereby curbing the detrimental effects on wildlife, ecosystems, and human health.

Further it is also submitted that the establishment and proper functioning of a waste management plant in Kasol town represent a proactive step towards environmental sustainability. It underscores our commitment to responsible waste disposal practices, fostering a cleaner, healthier, and more sustainable future for generations to come.


Block Development Officer
User Agency Kullu.
Development Agency

C/S
~~Divisional Forest Officer~~
Parvati Forest Division




No. Env.S&T(F)/NMHS/SWM Project/2020 - 3611

पर्यावरण, विज्ञान एवं प्रौद्योगिकी विभाग

हिमाचल प्रदेश सरकार

पर्यावरण भवन यू एस क्लब शिमला-171001

Phone No +91-177-2656559, Fax: 0177-2659609

2020-21-111

प्रश्नक

निदेशक,

विज्ञान एवं प्रौद्योगिकी विभाग

हिमाचल प्रदेश सरकार, शिमला-1

सेवा में

निदेशक,

ग्रामीण विकास विभाग,

27 एसडीए कॉम्प्लेक्स, कसुम्पटी शिमला -171009

विषय

दिनांक शिमला-1

28, मार्च 2022।

वर्ष 2020-21 के लिए बजट घोषणा के अनुसार 10 ठोस अपशिष्ट प्रबंधन संयंत्रों की स्थापना के संबंध में।

महोदय,

उपरोक्त विषय पर इस विभाग द्वारा प्रेषित पत्र संख्या No. Env.S&T(F)/NMHS/SWM Project/2020-2487 दिनांक 7 नवम्बर, 2020 एवं इसी सदर्भ में प्रेषित पत्र दिनांक 26 मार्च 2021 (पत्र का प्रारंभ सूचनार्थ सलतन है) के अन्तर्गत यह सूचित किया गया था कि वर्ष 2020-21 के लिए बजट घोषणा के अनुसार आपके विभाग के अन्तर्गत आने वाले कुल दो चयनित क्षेत्रों 1 ग्राम पंचायत, कसोल, जिला कुल्लू, 2 ग्राम पंचायत धर्मपुर, जिला सोलन में ठोस अपशिष्ट प्रबंधन संयंत्रों की स्थापना हेतु इस विभाग द्वारा निम्नलिखित कार्य हेतु कुल 51.34 लाख रुपये की राशि जारी करने का प्रावधान किया गया था।

क्रमांक	स्थान	अनुमोदित कार्य	कुल राशि का प्रावधान
1	ग्राम पंचायत, कसोल, जिला कुल्लू।	<ul style="list-style-type: none"> - 1 Waste Processing Machine @ Rs. 13.00 lakhs - 1 Incinerator (15kg) @ Rs. 3.25 lakhs - 1 Baling Machine @ Rs. 3.25 lakhs - 1 Shredders @ Rs. 0.50 lakhs - 140 Dustbins @ Rs.3500 each i.e. Rs. 4.90 lakhs - 140 Waste picker waste collections kits @ Rs.550 each. i.e. Rs. 0.77 lakhs 	25.67 लाख रुपये
2	ग्राम पंचायत, धर्मपुर, जिला सोलन।	<ul style="list-style-type: none"> - 1 Waste Processing Machine @ Rs. 13.00 lakhs - 1 Incinerator (15kg) @ Rs. 3.25 lakhs - 1 Baling Machine @ Rs. 3.25 lakhs - 1 Shredders @ Rs. 0.50 lakhs - 140 Dustbins @ Rs.3500 each i.e. Rs. 4.90 lakhs - 140 Waste picker waste collections kits @ Rs.550 each. i.e. Rs. 0.77 lakhs 	25.67 लाख रुपये
		कुल	51.34 लाख रुपये

दिनांक 28-9-2020 को सचिव (पर्यावरण, विज्ञान एवं प्रौद्योगिकी) की अध्यक्षता में राज्य स्तरीय परियोजना संचालन समिति की प्रथम बैठक में लिए गए निर्णय के अनुसार पर्यावरण विभाग एवं भाषा एवं संस्कृति विभाग के बीच एक समझौता ज्ञापन/अनुबंध पर हस्ताक्षर के पश्चात कुल अनुमोदित राशि का 40 प्रतिशत प्रथम किस्त के रूप में उपरोक्त कार्य हेतु जारी किया जाना था। इस हेतु इस विभाग द्वारा आपके कार्यालय का दिनांक 7 नवम्बर, 2020 एवं 26 मार्च 2021 को पत्र प्रेषित किए गए। परन्तु अभी तक आपके विभाग का उत्तर या समझौता ज्ञापन पर हस्ताक्षर नहीं किए गए हैं। इस कारण उपरोक्त कार्य हेतु अनुमोदित राशि जारी नहीं की जा सकी है।

आपसे अनुरोध है कि समझौता ज्ञापन/अनुबंध पर हस्ताक्षर कर इस विभाग को अतिशीघ्र प्रेषित की कृपा करें ताकि इस विभाग द्वारा वर्ष 2020-21 के लिए बजट घोषणा के अनुसार उपरोक्त कार्य के कार्यान्वयन हेतु अनुमोदित राशि जारी की जा सकें।

धन्यवाद।

भारत

(सुदेश कुमार मोहंटा, भा.प.सी.)
पर्यावरण, विज्ञान एवं प्रौद्योगिकी विभाग
हिमाचल प्रदेश सरकार

Government of Himachal Pradesh
Rural Development Department

No. SMG-93/2022-23-RDD (SBM-G)-Fin/DEST Dated: 07-10-2022

SANCTION ORDER

In exercise of powers delegated vide Office Order No. SMG-1/2016 RDD(SBM-G) Budget dated 21st May 2020 under Swachh Bharat Mission - Gramin, the financial sanction amounting to Rs. 51,20,000/- (Rs. Fifty One Lacs Twenty Thousand Only) is hereby accorded in favor of RDD Kullu & Dharampur Solan for Setting up of Pilot Micro demonstration Solid Waste Management Plants at GP Kasol in Development Block Kullu, DRDA Kullu & GP Dharampur in Development Block Dharampur, DRDA Solan.

Name of the Agency	Purpose	Amount being released (Rs. in lacs)
Block Kullu <i>New GP Kasol & Dharampur</i>	Setting up of micro demonstration Solid Waste management Plants at GP Kasol & GP Dharampur	25,60,000/-
Block Dharampur (Solan)		25,60,000/-

The amount is being released with the following terms and conditions:-

- The work should be got technically approved by the competent authority before starting the work and release of funds to the GP/Implementing agency.
- The Block will be responsible for taking all necessary approval/clearances as per rules and regulations for the implementation of the activities being undertaken.
- The assets created will not be disposed off, encumbered, or utilized for a purpose other than those for which these assets are constructed/created.
- The Utilization Certificate will be submitted by the respective Block to this Department for further submission to Environment, Science and Technology Department.

Further, it is also intimated that a separate bank account should be opened for this work.



Mission Director (SBM-G)-cum-Director
Rural Development Department, Himachal Pradesh

Enst. No. As above

Dated: Shimla 07-10-2022

Copy to:

1. The Deputy Director cum P.O. DRDA Kullu Himachal Pradesh for information and necessary action.
2. The Deputy Director cum P.O. DRDA Solan Himachal Pradesh for information and necessary action.
3. The Drawing & Disbursing Officer (SBM-G).
4. The Accounts SBM-G, Directorate of RD, HP Shimla-G for information and necessary action.
5. Guard file.


Mission Director (SBM-G)-cum-Director
Rural Development Department, Himachal Pradesh

OFFICE OF THE GRAM PANCHAYAT KASOL DISTRICT KULLU H.P.

Dated:

From:

The Secretary,

Gram Panchayat Kasol

Tehsil Bhunter, Distt. Kullu (HP)

To:

Block Development Officer

Distt Kullu (HP)

Sub: Requirements- Year 2021-22: Setting up of 10 micro demonstration solid waste management Plants in the state-reg.

Madam,

In reference to the NMHS project of Department of Environment Science & Technology for setting up of 10 micro demonstration solid waste management plants in the state, the PRI Kasol is one of the 10 selected sites in the state. Here are the requirements at PRI Kasol regarding this project.

- a) 1 Baling Machine.
- b) 1 Incinerator machine.
- c) 1 Automatic composting machine.
- d) 30 sanitary kits (PPE kits, Gloves, Masks, Gumboots) for garbage collectors.
- e) 10 CCTV cameras for hotspots monitoring.
- f) 7 community dustbins.
- g) 200 Dustbins for households.
- h) Hoardings and warning signs for garbage hotspots and public places.

Thank you

Yours Faithfully

Secretary सचिव
ग्राम पंचायत कसोल
PRI Kasol विकास खण्ड कुल्लू
जिला कुल्लू (हि.प्र.)

ग्राम पंचायत कसोल विकास खण्ड कुल्लू हि.प्र.

ग्रामीण विकास एवं पंचायती राज विभाग

डा० कसोल, विकास खण्ड कुल्लू जिला कुल्लू (हि.प्र.)

प्रस्ताव संख्या :- 06

उपस्थिति :- 9/9

दिनांक :- 08-05-2022

अध्यक्षता:- प्रधान श्रीमति वेसरू देवी ।

विषय :- वर्ष 2020-21 के लिए बजट घोषणा के अनुसार 10 ठोस अपशिष्ट प्रबंधन सयंत्रों की स्थापना की स्वीकृति प्रदान करने बारे :-

सर्व सम्मति से बैठक में उपस्थित सदस्यों द्वारा प्रस्ताव पारित किया गया कि पंचायत कसोल को विज्ञान एवम प्रौद्योगिकी विभाग हिमाचल प्रदेश सरकार शिमला-1 के पत्र संख्या Env.S&T(F)/ NMHS/SLM Project/2020-2487 द्वारा उपरोक्त 10 ठोस अपशिष्ट प्रबंधन सयंत्रों की स्थापना हेतु राशि अनुमोदित है । अतः पंचायत को निम्न सयंत्रों हेतु अनुदान राशि की स्वीकृति प्रदान करने की कृपा करें । ब्यौरा निम्न प्रकार से है :-

क्र.सं०	कार्य का नाम	मात्रा
1	Baling Machine	1 NO
2	Incinerator Machine	1 NO
3	Automatic Composting Machine	1 NO
4	30 Sanitary Kits (PPE Kits, Gloves, Masks, Gumboots) for garbage collectors.	30 NO
5	10 CCTV Cameras for hotspots monitoring.	10 NO
6	7 Community Dustbins.	7 NO
7	200 Dustbins for households.	200 NO
8	Hoardings and warning signs for garbage hotspots and public places	14 NO

प्रतिलिपि :- 1. माननीय खण्ड विकास अधिकारी महोदया कुल्लू की सेवा में आगामी कार्यवाही हेतु प्रेषित है ।

प्रमाणित किया जाता है की नकल प्रस्ताव कार्यवाही मुताबिक असल है ।

सचिव
ग्राम पंचायत कसोल
विकास खण्ड कुल्लू
जिला कुल्लू (हि.प्र.)

JE

क्रमांक : 1072

दिनांक : - 11/6/22

कार्यालय खण्ड विकास अधिकारी,
विकास खण्ड कार्यालय कुल्लू,
ज़िला कुल्लू, (हिमाचल प्रदेश)

मेवा में,

निदेशक,

ग्रामीण विकास विभाग,

27 एसडीए कॉम्प्लेक्स कंसुम्पटी शिमला- 171009 (हिमाचल प्रदेश)।

विषय : - ग्राम पंचायत कसोल के लिये वर्ष 2020-21 वजट घोषणा के अनुसार 10 ठोस अपशिष्ट प्रबंधन संयंत्रों की स्थापना की स्वीकृति प्रदान करने बारे ।

महोदय,

उपरोक्त विषय के संदर्भ में आपके ध्यानार्थ लाया जाता है कि ग्राम पंचायत कसोल प्रस्ताव संख्या :- 06 / दिनांक :- 08-05-2022 अधोहस्ताक्षरी कार्यालय में प्राप्त हुआ है जिसके अन्तर्गत अवगत करवाया गया है कि विज्ञान एवं प्रौद्योगिकी विभाग हिमाचल प्रदेश सरकार शिमला-1 के पत्र संख्या :- Env S & T(F) NMHS/SWM Project/2020-3611 / दिनांक : - 28-03-2022 द्वारा 10 ठोस अपशिष्ट प्रबंधन संयंत्रों की स्थापना हेतु मु० 25.67 लाख रु की धनराशी ग्राम पंचायत कसोल के लिये अनुमोदित हुई है तथा उक्त कार्य योजना हेतु मु० 25.67 लाख रु धनराशी की स्वीकृति ग्राम पंचायत कसोल को प्रदान करने की कृपा करें ।

अतः निदेशक, ग्रामीण विकास विभाग, 27 एसडीए कॉम्प्लेक्स कंसुम्पटी शिमला- 171009 (हिमाचल प्रदेश) की सेवा में ग्राम पंचायत कसोल प्रस्ताव संख्या :- 06 / दिनांक :- 08-05-2022 तथा उक्त दर्शाये गये पत्र संख्या :- Env S & T(F) NMHS/SWM Project/2020-3611 / दिनांक : - 28-03-2022 की प्रति इस निवेदन के साथ संलग्न किये जाते हैं कि ग्राम पंचायत कसोल के लिये वर्ष 2020-21 वजट घोषणा के अनुसार 10 ठोस अपशिष्ट प्रबंधन संयंत्रों की स्थापना कार्य योजना हेतु अनुमोदित धनराशी अनुसार स्वीकृति प्रदान करने की कृपा करें ताकि तत्पश्चात उक्त कार्य योजना का निर्माण ग्राम पंचायत कसोल द्वारा आरम्भ किया जा सके ।

आदर सहित ।

भवदीया

9/2



खण्ड विकास अधिकारी,
विकास खण्ड कार्यालय कुल्लू ।

Undertaking to provide consent of HPSPCB

The process of obtaining consent to establish (CTE) for the C/o Solid Waste Management Plant at Kasol Distt. Kullu from HPSPCB is under process and will be provided before Stage-II approval.


Block Development Officer
Block Development Officer
Development Block Kullu

Sub: Construction Solid Waste Management Plant at Kasol G.P. Kasol

Proposal No.: FP/HP/Others/153006/2022

Length & width Certificate

Name of Component	Length in Mtr.	Width in Mtr.	Total area in SQM
Solid Waste Management Plant	65.74	22.50	1479.15
Approach Access	100.57	5.0	502.85
Total area in SQM.			1982.00
Total area in Ha.			0.1982

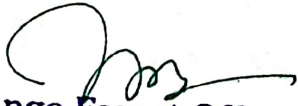
72
Divisional Forest Officer
Parvati Forest Division
Shamshi


Block Development Officer
Development Block Kullu

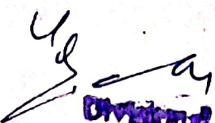
JUSTIFICATION AGAINST POINT NO. 6**Table Mentioning the Area of Forest Land and Trees involved in each Alternate**

Sr. No.	Alternate Examined	No. of Trees	Area in Ha.	Recommendation	Reason for Selection/Rejection
1.	Alternate-I	2	0.1982	Selected	Site is most feasible and suitable site as per the requirement of the project.
2.	Alternate-II	42	0.6784	Rejected	More number of trees are coming in the alignment of the project.
3.	Alternate-III	19	0.2874	Rejected	Sloppy site and more number of trees coming in the alignment and not as per the specification of the project.

Further, Solid Waste Management Plant should be away from Habitation and agricultural land, so that there should not be any chances of hazard.

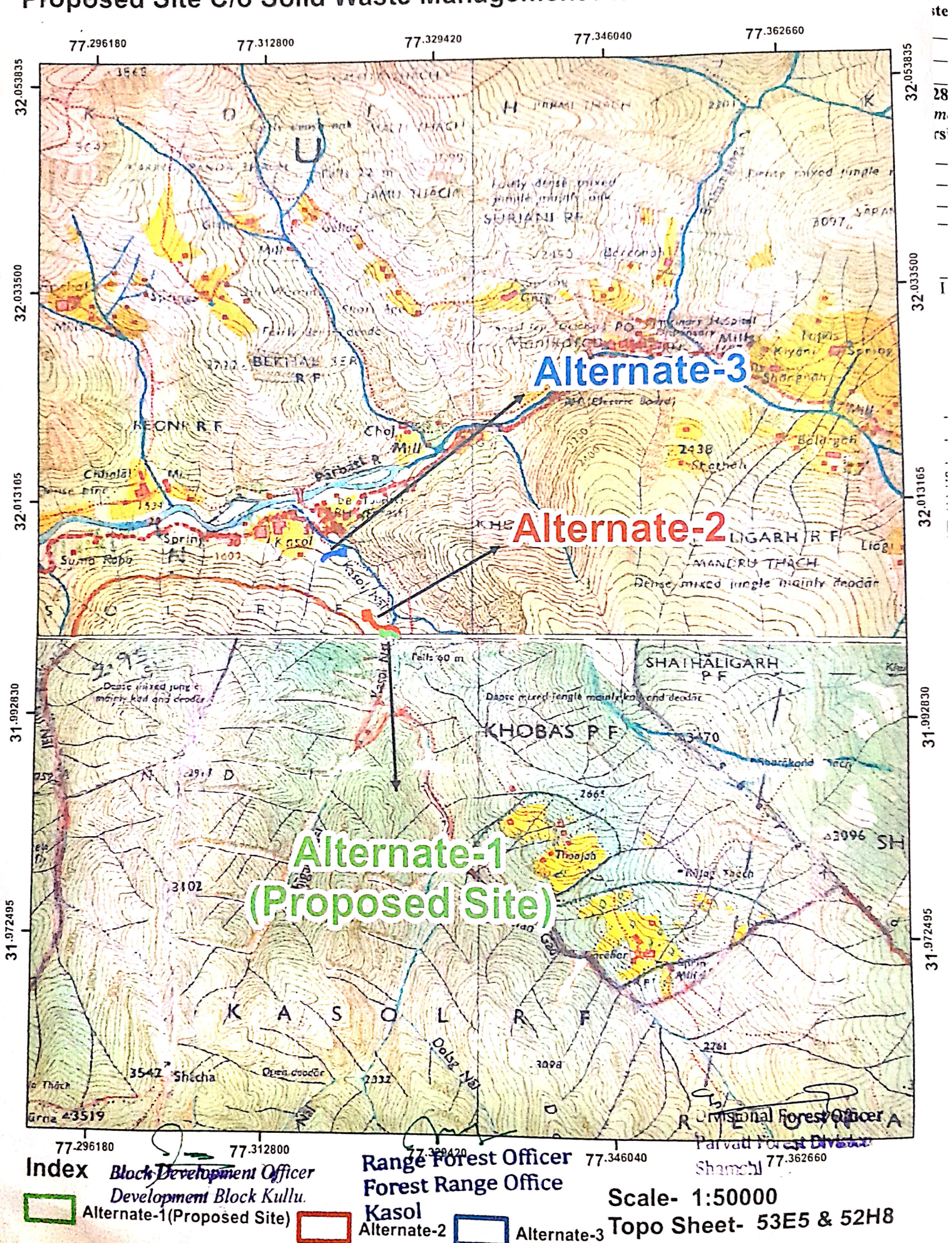

Range Forest Officer
Forest Range Office
Kasol


Block Development Officer
Development Block Kullu


Divisional Forest Officer
Parvati Forest Division
Shamshi

ALTERNATE TOPO SHEET

Proposed Site C/o Solid Waste Management Plant at Kasol G.P.Kasol



of Solid Waste Management Plant at Kasol.

Himachal Pradesh Forest Department

Parbati Forest Division, Shamshi.

Calculation of Net Present Value (NPV) as per Hon'ble Supreme Court of India order dated 28.03.08 in CWP© 2020f 1995 and as per recommendation of State Advisory Group meeting dated 24.01.12 and Ministry of Environment Forest and Climate Change (FCA) GoI letter No5-3/2011-FC(vol.-1) dated 6-01-2022, for 0.1982 ha forestland proposed for diversion in favour of Block Development Office Kullu Distt. Kullu.

Name of Project Solid Waste Management Plant at Kasol.

User Agency Block Development Office Kullu Distt. Kullu HP

Sr. No.	Name of Forest	Location	AREA in Ha.			Category of NPV	Category of rate for NPV	Normal Rate of NPV/ha	Remarks
			Mature * Stems	Area ^ involved	Crown Density				
1	R/4 Kasol (RF)	Kasol Beat of Kasol Block of Kasol Range	2	0.1982 ha	2.52% Or 0.0252	Mix Dense Forest	Eco-Class VI	1372410/-	Actually proposed land comes under the category of Open Forest, but as per EDS raised by GoI's letter dated 29-8-2023 according to point No. 7; rate of MDF is charged.
Total :			0.1982 ha						

Notes:

Mature * Stems

All trees above Dia class – III + Half the number of all the trees Dia Class IV and below

Area ^ involved

Area involved in the construction Solid Waste Management Plant at Kasol.

ABSTRACT (Rupees in Rs and Area in Ha)

Forest Cover Classes	Category of rate for NPV	Area involved	Rate	Amount		
	Open Forest	0.1982 ha	1372410/-	2,72,012/-		

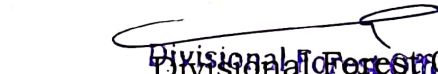
“Distance Certificate w.r.t. GoI’s EDS dated 29-8-2023 Point No. 8(i)”

The proposed DA i.e. R/4 Kasol (C₂b) (RF), Survey Sheet No. 52/H/8 of Kasol Beat, Kasol Block of Kasol Range has been physically verified/inspected and it has been found that the Forest area involved in this case is at a distance of 250 meter away from the boundary of Kanawar Wild Life Sanctuary.


Range Forest Officer,
Kasol Forest Range.
Forest Range Office
Kasol

User Agency

Block Development Officer,
Development Block Kullu.


Divisional Forest Officer,
Parvati Forest Division, Shamshi.
Shamshi

PROCEEDING OF MEETING REGARDING RECOMMENDATION FOR DIVERSION OF 0-1982 HA. OF FOREST LAND FOR CONSTRUCTION OF SOLID WASTE MANAGEMENT PLANT AT KASOL, TEHSIL AND DISTRICT KULLU HP WITHIN THE JURISDICTION OF PARVATI FOREST DIVISION KULLU, HIMACHAL PRADESH, UNDER THE CHAIRMANSHIP OF WORTHY CHAIRMAN-CUM CF KULLU HELD IN OFFICE OF CF KULLU, ON DATED 13.04.2023 . FOLLOWING WERE PRESENT IN THE MEETING:-

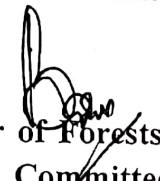
Official members:-

1. Sh. Praveen Thakur IFS, DCF Parvati-cum-Member Secretary of Monitoring Committee ESZ, Kanawar Wild Life Sanctuary
2. Sunil Kumar Draftsman o/o Town and Country Planning, Kullu
3. Sunil Sharma, Regional Officer of State Pollution Control Board, Kullu
4. Anant Ram Sr Asst. o/o DFO Wildlife Kullu

At the very outset of the meeting, the Deputy Conservator of Forests, Parvati – cum-Member Secretary of Monitoring Committee, of ESZ, Kanawar Wild Life Sanctuary welcomed worthy Chairman Monitoring Committee, ESZ, Kanawar Wild Life Sanctuary–cum-Conservator of Forests, Kullu and all the participants present in the meeting. Thereafter, with the permission of the chair, the meeting started, DCF Parvati conveyed the purpose of the meeting to all the Monitoring committee members of ESZ, Kanawar Wild Life Sanctuary.

Further the committee recommended the diversion of 0-1982 ha. Of forest land for construction of Solid Waste Management Plant at Kasol, Tehsil and District Kullu HP within the jurisdiction of Parvati Forest Division Kullu, Himachal Pradesh with the stipulation to prepare mitigation plan of the proposed area/ project.

The Deputy Conservator of Forests, Parvati –cum-Member Secretary of Monitoring Committee, of ESZ, Kanawar Wild Life Sanctuary extended his vote of thanks to the house and the meeting ended with positive note from all the members and thanks from the chair.


Conservator of Forests, Kullu –cum- Chairman
Monitoring Committee, ESZ, Kanawar Wild
Life Sanctuary. Kullu, H.P.

Endst. No. 295-99 Dated 19.04.23

Copy forwarded to the following for information and necessary action please.


1. Divisional Forest Officer, wild life Kullu, District Kullu

Divisional Forest Officer
Diary No. 165
Dated 20/4/2023
Parvati Forest Division
Shamshi

1/c PCA
19/4/23
PCA Rao for
19/4/23



2. Regional Executive Officer of State Pollution Control Board , Kullu District Kullu
3. Town and Country Planning officer, Kullu, District Kulu
4. Block Development Officer, Development Block Kullu, District Kullu
5. Deputy Conservator of Forests, Parvati Forest Division at Shamshi, District Kullu


Conservator of Forests, Kullu -cum- Chairman
Monitoring Committee, ESZ, Kanawar Wild
Life Sanctuary. Kullu, H.P.

[illegible]

Draft Notification for Reserved Forests.

THE Hon'ble the Lieutenant-Governor of the Punjab is pleased, in accordance with Section 19 of Act, VII of 1878 (Indian Forest Act), to declare the lands of the Kulu Sub-Division of the Kangra District specified in the following table to be reserved under Chapter II of the said from.

Reserved Forests, Kulu Proper.

No.	District.	Parganah.	Name of Kothi.	Name of Forest.	BOUNDARIES.			
					North.	East.	South.	West.
1	Kangra.	Kulu.	Monali ...	Dungri ...	Fenced line by cultivation of Monali and Dungri.	Fenced line by cultivation of Monali and Siál.	Fenced line by cultivation of Dungri, Nasogi and Siál.	Fenced line by cultivation of Dungri and a path.
2			Do. ...	Monálgian	Monálsá Nál ...	Do. ...	Fenced line by Bhata-ri-bal	Fenced line by cultivation of Monali and path to Monali.
3			Do. ...	Dana-bihál	Fenced line by Bhata-ri-bal.	Do. ...	Fenced line ...	Fenced line by road to Monali.
4			Do. ...	Siál-bihál...	Fenced line by main road.	Do. ...	Fenced line by cultivation of Siál.	Fenced line by main road.
5			Do. ...	Seta-dhug Shalfu.	Shalfu Nál ...	Demarcated line...	Bedháring Dhár	Demarcated line.
6			Jagatsukh	Jator ...	Sennhar and Jogi d a g h tháches.	Gunt-biháli ...	Phári Nál ...	Jauri thách and cultivation of Prini and Chalst.
7			Maharaja	Jaung ...	Katlu Nál ...	Cultivation of Jaung and Jaungara-Nál.	Demarcated line	Demarcated line.
8			Do. ...	Sandhár ...	Sandhár Ridge and Pachhál Nál.	Waste land and cultivation of Kamand.	Cultivation of Kamand.	Waste land.
9			Khokhan ...	Rajgiri or Shila-ban.	Chiláwa-ra-Nál	Line from above Janál to above cultivation of Jodu of Páh.	Janáldhár ...	Demarcated line.
10			Do. ...	Níragar ...	Janáldhár ...	Lat Nál, Kashgár Nál and Nál from Rajgiri Fort.	Chabára Dhár...	Loja Dhár, and line below Bogratla, Rahin and Kolti-agla Bawár.
11			Do. ...	Dukam ...	Chabára Dhár...	Kohja Kelo Dhár...	Dukam, 1st class protected forest.	Shandi.

Reserved Forest, Inner Sahraj.

1	Kangra.	Kulu.	Patehpur ...	Uheon, Kaniáál.	Dogri Nál ...	Bomphal Dhár ...	Badhala-gár ...	Badhala-gár and Dogri Nál.
2			Talokur, Fatahpur, Kháragárb.	Lafát ...	Beri Nál and Berijanja Nál.	Jibigár ...	Badhár Nál to the common boundary pillar of Raghupur, Kháragárb and Fatahpur.	Parbat and Jagas-har Dhár.
3			Nohanda ...	Kolla ...	Shilabár Rock, Gorbalaín, Pakpá Panchal, Chondwar and Táhu Rock.	Nadu-ra-Khol, and line from Tirthin across Jaboti Dhár to the Suri-ra-Khol.	Line by Shilá Hambe Pakhár, above Mádí thách, across Bádá Dhár to Badráli-ra-Khol.	Badráli-ra-Khol, Tirthin and Ghora Dhár.

Reserved Forests, Inner Saharaj—concluded.

Reserve

BOUNDARIES.

No.	District.	Pargana.	Name of Kothi.	Name of Forest.	North.	East.	South.	West.
2	Kangra.	Kufra.	Sarohi ...	Houval ...	Ukhañ Dhār...	Houval Dhār ...	Sakran Dhār ...	Oligār.
6			Do. ...	Kandhar...	Bullahala ...	Dreldhār ...	Path from Phar-whā to Tung, and from Phar-whā to Bakhtas Dogri.	Chotrigār.
6			Do. ...	Sochil ...	Bullahala ...	Demarcated line to west of Talchā Bīr.	Cultivation of Shringār and Shila.	Shillādn Nāl, Dāndā Nāl, and line above Damala Dogri.
8			Shangār ...	Dewa-Kando.	Briāra-gār ...	Dung Dhār ...	Dewa-Kāñ dō Dhār.	Kakrār Nāl, up to junction of Kalera Dhār with Dewa-Kando.
8			Bunga ...	Daogi ...	Cultivation of Daogi and Bannai.	Cultivation of Daogi.	Cultivation of Kanda Dogri.	Cultivation of Daogi.
2	Kangra.	Kufra.	Shangār ...	Hurokanf...	Sainj stream and line excluding Hurokan Dogri.	Chakrer Nāl ...	Demarcated line, excluding Thundā-burj and Majān thāch.	Lapagār.

Reserved Forests, Outer Saharaj.

1	Kangra.	Kufra.	Kot ...	Shill Girchi	Kurpangār ...	Karna Nāl ...	Line including all trees.	Bishlai Dhār to Dacher.
2			Bahramgarh	Prāl Girchi	Line from Bung Prak to junction of Sagao Nāl and Brāl Nāl, and along Sagao Nāl.	Line from Sagao Nāl to Thāchrā and Kumba Dhār.	Kurpangār ...	Shamāttā Nāl to Bung Peak through Dīmāra-tbiā.
3			Do. ...	Jajāth ...	Jujāth Nāl and Bishden Nāl to Gargicha Gā.	Demarcated line above cultivation of Sarāhn and Jalor Dogris.	Brāl Dhār ...	Maandrao Dhār.
4			Naraingarh	Margi Kalaun	Cultivation of Shirsā.	Nālā by cultivation of Ngog and Nālā-Margi.	Cultivation of Dhara-Margi.	Nalgār.
5			Do. ...	Ghaner Kalaun.	Cultivation of Ghaner.	Reunai Forest ...	Cultivation of Dhār.	Cultivation of Ghaner.
6			Jalori ...	Jarona Kalaun.	Kharā Karshu...	Demarcated line	Cultivation of Jarona.	Cultivation of Jarona and path from Jarona to Kharā Karshu.
7			Raghopur...	Chakrāl ...	Sewa Nāl, Dunchohār Dhār and Kao Nāl.	Cultivation of Chumkari Dogri and of Har Dhār, Lira Dhār, Tulerāl Dhār, excluding temple of Tulerāl Nag and Chundi Dogri.	Sāwān Dhār ...	Cultivation of Kaderā, Kumbho Nāl and Kao Nāl.

Reserved Forests, Waziri Rupi.

BOUNDARIES.								
No.	District.	Parganah.	Name of Kothi.	Name of Forest.	North.	East.	South.	West.
1	Kangra.	Kulu.	Kauáwar ...	Phulga ...	Cultivation of Phulga.	Gurthi Nál ...	Cultivation known as Chopni.	Chakshi Nál,
2			Do. ...	Dudi Khol	Parbati River...	Dudi Khol Nál ...	Demarcated line	Aglun Dhár.
3			Do. ...	Gráhan ...	Cultivation of Gráhan.	Chámbl Dhár ...	Gráhan Nál and Gurth Nál.	Gurth Nál.
4			Do. ...	Kasol ...	Parbati River and cultivation of Kasol.	Gráhan Nál ...	Rup-dema Nál and main ridge.	Jail Nál. ✓
5			Harkandi...	Soma Cha-lon.	Parbati River...	Jail Nál ...	Demarcated line	Dahgan Dhár.
6			Do. ...	Bindrabai	Demarcated line	Demarcated line ..	Ditto ...	Bindrabani Dhár.
7			Kotkandi...	Diyár ...	Glt Nál ...	Bhosa Path ...	Deoban Dhár ...	Sara-age Dhár.
8			Do. ...	Naján ...	Demarcated line	Naján Nál ...	Cultivation of Naján.	Naján-K a n d a Dhár.
9			Do. ...	Jaulid ...	Rungui Nál ...	Katrani Dhár ...	Krushing or Brádal Dhár.	Ursu Nál excluding all cultivation and water-mills.
10			Do. ...	Kelo-ban and Ratapán.	Baudga Nál and demarcated line.	Demarcated line	Ratapán 1 Nál, Munár Nál and demarcated line.	Demarcated line.
11			Do. ...	Hamka Dhár	Demarcated line	Sartáji Nál ...	Hurlo stream ...	Pancha Nál.
12			Kotkandi and Bahlán.	Niárgar ...	Hurlo stream and demarcated line.	Fulia Nál ...	Larú Dhár ...	Chotta Niárgar Nál and Juli Dhár.
13			Bahlán ...	Bithu-kanda	Demarcated line	Demarcated line	Demarcated line	Demarcated line.
14			Do. ...	Gohi ...	Gwálú-t h á n n Dhár.	Waste land ...	Demarcated line towards cultivation of Gohi.	Cultivation of Bobari Sharan.
15			Do. ...	Raila ...	Cultivation of Raila.	Cultivation of Raila.	Cultivation of Raila.	Waste land.
16			Do. ...	Gátipat ...	Demarcated line and cultivation of Kandar.	Cultivation of Múán.	Jewa Nál ...	Gáti-pat Dhár.
17			Salasar ...	Deán ...	Jewa Nál ...	Kandi Nál ...	Deán Dhár ...	Bakri Dhár and Bakri Nál.
18			Do. ...	Nila-totha	Nila-totha Dhár and Shigár Nál.	Demarcated line	Damodhri Dhár and Mábu Dhár.	Damodhri Dhár.

ALEX. ANDERSON,

Forests Settlement Officer.