

**Office of the Superintending Engineer,  
Angul Investigation Division, Angul.  
(E-Mail id - seidangul@gmail.com )**

Letter No: - 655 / Date:- 10.04.2025

To

The Divisional Forest Officer,  
Angul Division, Angul.

Sub:- Proposal for diversion of 87.520 Ha. of forest land including alternate road for construction of Hidsing Irrigation Project under F (C) Act 1980 by Superintending Engineer, Angul Investigation Division, Angul of Water Resources Department Govt. of Odisha. Proposal No- FP/OR/MIN/20559/2016 regarding.

Ref:- Your Letter No- 1905 Dated- 28/02/2025.

Sir,

We are furnishing below the pointwise compliance to the observations made by you and communicated vide in your letter No referred above.

**Hidsing Irrigation Project, Angul**

**Proposal No:** FP/OR/IRRIG/28837/2017

Total Land – 437.330 Ha

Forest Area – 87.520 Ha

(Revenue Forest – 7.449 Ha, RF & PRF – 38.619 Ha, DLC – 19.550 Ha and Private Forest – 21.902 Ha)

Non-Forest Land – 349.810 Ha

(Govt. Land – 62.231 Ha & Private Land – 287.579 Ha)

**Point No:-1**

The proposal was accepted by the Nodal Officer in 2017 and now after lapsing of almost of 7 years it has been submitted to the Ministry for approval on PARIVESH 1.0. The reasons with cogent and valid justification for submitting the proposal with such extraordinary delay shall be submitted.

**Reply:-**

The proposal is delayed due to the following reasons:-

➤ Change of alignment

➤ Finalization of alternative road as the main road from Angul – Tikarpara will be submerged after completion of the project area

➤ Selection and finalization of Non Forest CA Land

RECEIVED  
13/04/2025

- Selection and finalization of Degraded Forest Land
- Due to Covid – 19
- Change of CA Schemes due to change of wage rates

**Point No:-2**

As per the guidelines issued by the Ministry vide letter No. FC-11/118/2021- FC dated 25.01.2024 the State Govt. shall complete the procedures laid down in the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980, the minutes of the meeting of Project Steering Committee (PSC), shall be attached with part-IV of forms and processing of proposals, through Conservator of Forests, for completing the procedural/technical purposes". The compliance in this regards is required.

**Reply:-**

The FDP documents has been uploaded in Parivesh 1.0 Portal of MoEF & CC, Govt. of India "As per the guidelines issued by the Ministry vide letter No. FC-11/118/2021- FC dated 25.01.2024 the State Govt. shall complete the procedures laid down in the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980, the minutes of the meeting of Project Steering Committee (PSC), shall be attached with part-IV of forms and processing of proposals, through Conservator of Forests, for completing the procedural/technical purposes" and it is applicable for uploading the FDP documents in Parivesh 2.0 Portal of MoEF & CC, Govt. of India. During verification of documents neither State Nodal Officer nor State Govt. has raised any EDS for uploading the documents in Parivesh 2.0 Portal of MoEF & CC; Govt. of India for that minutes of meeting of Project Screening Committee has not been enclosed.

**Point No:-3**

As Schedule-I species reported in the area, comments of PCCF (Wildlife) and CWLW Odisha on the likely impact of the project on the movement of wildlife needs to be furnished by the State. Further, comments may also be furnished on the adequacy of mitigation measures like Site Specific Wildlife Management Plan or Comprehensive Integrated Wildlife Management proposed for the area.

**Reply:-**

Undertaking has been given to submit the Site Specific Wildlife Conservation Plan duly approved by PCCF (WL) – Cum – Chief Wildlife Warden, Odisha enclosed in DP in Annexure-B / Page No.282

**Point No:-4**

The State Government has not uploaded the copy of the approval letter for Catchment Area Treatment Plan on Parivesh portal. The same need to be uploaded.

**Reply:-**

Copy of the Approved Catchment Area Treatment Plan has been uploaded in Parivesh 1.0 Portal of MoEF & CC, Govt. of India

**Point No:-5**

The State Government has not uploaded site suitability certificate over 94.216 ha on parivesh portal. The same need to be uploaded.



**Reply:-**

Suitability Certificate over 94.216 Ha has been uploaded in Parivesh 1.0 Portal of MoEF & CC, Govt. of India

**Point No:-6**

The State Government in their forwarding letter has reported that total 4425 number of trees and 1598 number of poles enumerated to be felled in the forest land. However, DFO in Part-II on PARIVESH has reported that total 514 nos. of trees enumerated to be felled. This needs clarification.

**Reply:-**

To be verified

**Point No:-7**

Shape/KML file of the forest land proposed for diversion over 87.52 ha is not available on PARIVESH portal. This needs to be uploaded.

**Reply:-**

Shape/KML file of the forest land proposed for diversion over 87.52 ha has been uploaded in Parivesh 1.0 Portal of MoEF & CC, Govt. of India

**Point No:-8**

KML file of the additional compensatory afforestation over 140.743 ha degraded forest land has not been provided/uploaded. The same shall be provided.

**Reply:-**

KML file of the additional compensatory afforestation over 140.743 ha degraded forest land has been uploaded in Parivesh 1.0 Portal of MoEF & CC, Govt. of India

**Point No:-9**

As per the DSS analysis, proposed CA over 94.216 ha of non-forest land is falling inside the Reserve Forest boundary. In this regard the State Govt. shall provide comments that the proposed CA land is non-forest land.

**Reply:-**

The proposed non-forest CA land over 94.216 Ha is a non-forest land. The Joint verification Report along with land schedule is uploaded in Parivesh 1.0 Portal of MoEF & CC, Govt. of India

**Point No:-10**

As reported by the State Govt. that administrative approval given by the Central Water Commission, Govt. of India vide their letter No. M&A/AP-1/2012/13-15 dated 04.01.2013 in this regard the State Govt. shall provide the comments whether the said approval is valid.

**Reply:-**

Superintending Engineer, Angul Investigation Division will provide the information

**Point No:-11**

The State Govt. / user agency shall furnish a report from the State Dam Safety Organisation (SDSO) regarding all technical aspects wrt the of the dam. The recommendations shall be implemented by the user agency to avoid any possible unforeseen conditions. In this regard an undertaking shall be provided by the user Agency.

**Reply:-**

Superintending Engineer, Angul Investigation Division will provide the undertaking

**Point No:-12**

Further, the State Government shall provide a copy of approval of the National Dam Safety Authority (NDSA) on the recommendations made by the State Dam Safety Organisation (SDSO) and submit the same.

**Reply:-**

Superintending Engineer, Angul Investigation Division will provide the information

**Point No:-13**

The site is also coming within Eco Sensitive Zone of Satkosia TR and as per the information provided the proposal for seeking WL clearance is under process. As the KML file of the proposed diversion is not available therefore, it is not known that how much area is falling in ESZ and whether FC and WL clearance can be processed parallely or WL clearance is required first as per the guidelines. In this regard the State Govt. shall provide their comments.

**Reply:-**

KML file of the proposed diversion of 87.52 Ha of forest land has been uploaded. As per guideline No. F-8-64/2013-FC, dated 20<sup>th</sup> August 2014 issued by MoEF & CC, Govt. of India "Approval of being granted under Forest (Conservation) Act 1980 will not be linked to grant of clearance from the standing committee of National Board Wildlife Clearance (NBWL) except in cases where land proposed for diversion falls within the protected areas for which prior approval of the Hon'ble Supreme court is required"

Yours Faithfully

*[Signature]*  
10.04.2025  
Superintending Engineer  
Angul Investigation, Division  
R/10/9/125 Angul

Memo No- 636 / Date- 10.04.2025

Copy submitted to the Chief Engineer, Survey & Investigation, Odisha Bhubaneswar for kind information & necessary action.

*Sankant*  
10.04.2025  
Superintending engineer  
P/10/4

Memo No- 637 / Date- 10.04.2025

Copy submitted to the Chief Engineer, Planning, Odisha Bhubaneswar for kind information & necessary action.

*Sankant*  
10.04.2025  
Superintending engineer  
P/10/4

Memo No- 638 / Date- 10.04.2025

Copy submitted to the Addl. Chief Engineer, Central Investigation Circle Odisha, Bhubaneswar for kind information & necessary action.

*Sankant*  
10.04.2025  
Superintending engineer  
P/10/4



**Annexure:-**

**Full Title of the Project:- Construction of Hidsing Irrigation Project & Canal System includes  
Alternative Road In Angul District, Odisha.**


**Proposal File No:- FP/OR/IRRIG/28837/2017.**

**UNDERTAKING**

I, ER. Saraswati Mahanta Superintending Engineer, Angul Investigation Division, Angul and authorized signatory, do here by undertake that the SSWCP has been submitted to the DFO Angul "We will furnish the site specific wildlife conservation plan duly approved by PCCF wildlife, Cum Chief Wildlife Warden Odisha, Bhubaneswar after availing the SSWCP". Further, we undertake to implement all the recommendations to avoid any possible unforeseen conditions.

Place:- Angul.

Date:- 10/04/2025

  
Signature of the User Agency  
Authorized Signatory  
10/4/25

Divisional Forest Officer  
Office Seal

**Annexure:-**

**Full Title of the Project:- Construction of Hidsing Irrigation Project & Canal System includes Alternative Road In Angul District, Odisha.**


**Proposal File No:- FP/OR/IRRIG/28837/2017.**

**UNDERTAKING**

I, ER. Saraswati Mahanta Superintending Engineer, Angul Investigation Division, Angul and authorized signatory, do here by undertake that "We will furnish a report from the State Dam Safety Organization (SDSO) regarding all technical aspects with respect to the safety of the dam. Further, we undertake to implement all the recommendations to avoid any possible unforeseen conditions.

Place:- Angul.

Date:- 10/04/2025

  
Signature of the User Agency  
Authorized Signatory  
P 10/4/25

Divisional Forest Officer  
Office Seal

**Financial Outlay for Catchment Area Treatment Plan for Hidsing Irrigati Project including alternate road of Angul District under Angul Forest Division favour of Executive Engineer, Cuttack Investigation Division, Cuttack**

**(Wage Rate @ Rs.352/- per MD)**

Sl. No.	Activities	Unit Cost (in Rs.)	Quantity	Total Cost of Intervention (in Rs.)
<b>(A) Engineering Measures:</b>				
1.	Concrete bonding at hilly slope of Catchment Area	9104 per MRT	600 Mtr	54,62,400.00
2.	Wire Mesh Loose Boulder Check Dam (WM LBCD)	5364.28 per Cum	1200 Cum	64,37,136.00
3.	5% for preparation for DPR for construction of WM LBCD	-	-	3,21,857.00
4.	Incentive to VSS for promotion of alternate livelihood activities around the areas 5 nos. of VSS X 20,000 each X 5 years (As proposed by DFO, Angul Forest Division)	1,00,000 per VSS	5 Villages	5,00,000.00
5.	Solar Light (Minimum 30 V) (As proposed by DFO, Angul Forest Division)	50,000 per No.	12 Nos.	6,00,000.00
6.	Other unforeseen expenditure like Computer, Printer etc. (As proposed by DFO, Angul Forest Division)	-	-	2,00,000.00
<b>Total</b>				<b>1,35,21,393.00</b>
7.	Add 20% Escalation Cost			<b>27,04,279.00</b>
<b>Sub-Total</b>				<b>1,62,25,672.00</b>
<b>(B) Biological Measures:</b>				
1	Cost of ANR plantation @ 500 plants per ha with 10 years maintenance as per approved one time cost-norm	1,50,051 per ha	30 ha	45,01,530.00
<b>Grand Total</b>				<b>2,07,27,202.00</b> <b>or rounded off to</b> <b>2,07,27,300.00</b>

**(Rupees Two Crore seven lakhs twenty seven thousand and three hundred) only**

Approved

*[Signature]*  
22/02

Principal Chief Conservator of Forests  
Forest Division & Nodal Officer, E.C. Act  
(Forest Division & Nodal Officer, E.C. Act)  
In the P.C.C.F. Odisha, Bhubaneswar



**Letter of Clearance of Major / Medium Irrigation / Multi-purpose  
Projects by the CDO of the State Govt.**

**To**

**The Chief Engineer,**

**The Chief Engineer  
M&ERO, CWC, BBSA**

**Project appraisal Organization,  
Central Water Commission  
Sewa Bhavan, R.K. Puram, New  
Delhi - 110066**

**Subject: Clearance of Hidding Irrigation Project -Major/Medium  
Irrigation/ Multipurpose Project.**

The above project has been examined in the Central Design Organization with reference to the Checklist as per the latest guidelines for preparation of DPR of Ministry of Water Resources, RD & GR (2010) and it is found that:

(i) All necessary surveys and investigations for planning of the project and establishing its techno-economic feasibility have been carried out as per the aforementioned guidelines.

(ii) 10%/5000 ha. of the command area of the project (whichever is minimum) has been investigated in full details in three patches representing terrain conditions in the command for estimation of the conveyance system upto the last farm gates.

(iii) 100% of Main Canal and 10% of the remaining Canal structures (Branch canals, Distributaries, Minors etc.) have been investigated in full detail.

(iv) Detailed Hydrological, geological, construction material investigations, have been carried out for all major structures i.e. dams, weirs, main canal, branch canal up-to distributaries carrying a discharge of 10 cumecs.

(v) Soil survey of the command has been carried out in detail as per IS 5510-1969.



(vi) Necessary designs for the various components of the project has been done in accordance with the guidelines and relevant Indian Standards for Planning & Design/Safety aspects including design flood estimation etc., of the project which are enclosed. List of Codes is enclosed.

(vii) Necessary studies for utilization of ground water have been done with special regard to problem of water logging and suitable provisions have been made for conjunctive use of ground water & drainage arrangements.

(viii) The cropping pattern has been adopted in consultation with the State Agriculture Department and are based on soil surveys of the command keeping in view the national policy in respect of encouraging crops for producing oil seeds and pulses. Availability of water as per Inter-State agreements, awards and consent of co-basin States are also considered.

(ix) The cost estimates and economic evaluations are carried out as per guidelines issued by the Central Water Commission. No existing command of existing ground water, water bodies or minor irrigation schemes has been taken as beneficial command of the proposed project.

(2) The project has also been examined by the State level Project appraisal / Technical Advisory Committee comprising representative of Irrigation, Agriculture, Fisheries, Forests, Soil Conservation, Ground Water, Revenue and Finance Deptt and State level Environmental Committee etc. and techno-economic feasibility of the project has been established.

(3) The project is recommended for acceptance by Central Water Commission and Ministry of Water Resources, River Development & Ganga Rejuvenation.

  
24/8/2024  
Engineer in Chief,  
Planning & Design,  
Odisha, Bhubaneswar

Counter signed by

  
27/8/24  
Principal Secretary, Water Resources Department,  
Govt. of Odisha.