

**BEFORE THE NATIONAL GREEN TRIBUNAL
EASTERN ZONE BENCH, KOLKATA.
ORIGINAL APPLICATION No.20 OF 2021/EZ)**

Sri Swarup Kumar Rath & Others. Applicants.

-Versus-

Union of India and Others. Respondents.

I N D E X

Sl.No.	Description of documents.	Pages.
1.	Rejoinder to the counter affidavit Filed on behalf of Respondent Nos.2,3,5,6 and 7. ...	1-6.
2.	<u>Annexure-R6/C</u> True copy of in 133 rd State Technical Advisory Committee meeting held on 29.04.2021.	7-11
3.	<u>Annexure-R6/D</u> True copy of in 136 th TAC meeting held on 14.12.2021.	12-27
4.	<u>Annexure-R6/E</u> True copy of minutes of meeting held on 21.01.2022.	28-32
5.	<u>Annexure-R6/F</u> True copy of Letter No.325/WE dated 04.02.2022 of Executive Engineer, Drainage Division,Cuttack.	-33-34

Cuttack.
Dt. 10.03.2022.

Slovesi Anand
Addl. Govt. Advocate.

**BEFORE THE NATIONAL GREEN TRIBUNAL
EASTERN ZONE BENCH, KOLKATA.**

ORIGINAL APPLICATION No.20 OF 2021/EZ)

Sri Swarup Kumar Rath & Others. Applicants.

-Versus-

Union of India and Others. Respondents.

**REJOINDER TO THE COUNTER AFFIDAVIT
FILED ON BEHALF OF RESPONDENT
NOS.2,3,5,6 & 7.**

I, Sri Baleswar Nath Sahoo, aged about 58 years, S/o. Late Bhagabat Sahoo, at present working as Chief Engineer, Drainage, Gandarpur, Cuttack, At-Gandarpur, P.O.-College Square, P.S.- Chauliaganj , Dist- Cuttack , do hereby solemnly affirm and state follows-:

1. That, I am working as Chief Engineer Drainage , Gandarpur Cuttack , hereinafter referred to as the answering respondent No.6 and as such I am competent and have been duly authorized by the Respondents No. 2, 3 & 5 to swear this affidavit and their behalf also.

2. That, I have gone through the contents of the Interim Application filed by the applicants and have understood the contents made thereof.

hwr

110.0922

**AMBIKA PRASAD RAY
NOTARY CUTTACK TOWN
REGD. NO-ON-56/2004**



Baleswar Nath Sahoo

3. That in reply to averment at made in Para -3 & 4 of the rejoinder affidavit filed by applicants, it is humbly submitted that a Detail Project Report (in short 'DPR') amounting to Rs.4403.71 lakh for renovation of Sukapaika Drainage channel was approved in 133rd State Technical Advisory Committee meeting held on 29.04.2021. Due to enhancement of the cost of materials and labour rate further a revised DPR amounting to Rs.4967.13 lakhs has been approved in 136th TAC meeting on dated 14.12.2021 for Rejuvenation of Sukapaika Drainage Channel in Cuttack Sadar Assembly Constituency of Cuttack District with the flowing provisions:-

- 1) Construction of one no sluice on Mahannadi Right Embankment.
- 2) Construction of Cross Drainage work over distributary No.1 of Taladanda Canal.
- 3) Construction of 4 Nos. of Village Road Bridge.
- 4). Renovation of entire Drainage Channel.
- 5) Land Acquisition.

True copy of in 133rd State Technical Advisory Committee meeting held on 29.04.2021 and 136th TAC meeting on dated 14.12.2021 are annexed herewith as **Annexure-R6/C and R6/D** respectively.


AMBIKA PRASAD RAY
NOTARY CUTTACK TOWN
REGD. NO-ON-56/2004

Balrajwar Nath Sahoo

As per proceeding of the review meeting held on 21.01.2022 under the Chairmanship of the Additional Chief Secretary, DOWR, Odisha Bhubaneswar on Drainage Improvement Programme (DIP) and possibility of revival of rivers it is decided that Technical Team will be form to access the feasibility of the said proposal and obtain detail report in this regard for its commencement. All the hydraulic datas of Sukapaika Drainage Channel, Flood datas of river Mahanadi and all other supporting documents have been submitted before the Chief Engineer , Planning , O/o. the Engineer - In- Chief , Water Recourse , Odisha , Bhubaneswar , who is the member of Technical Team by the Executive Engineer, Drainage Division, Cuttack vide letter No.325 / WE dt. 04.02.2022 for feasibility study considering the impact during flood. Now, the matter is being scrutinized scrupulously by the Chief Engineer , Planning ,O/o. the Engineer -In- Chief , Water Recourse , Odisha, Bhubaneswar . After finalisation of feasibility study and receiving the detail report from the Technical Team, the project will be taken up. Regarding encroachment, there Is no permanent construction within the 60 mtr. Corridor / passage way, as it has been proposed for renovation of Drainage Channel. True copy of minutes of meeting held on 21.01.2022 and letter No.325/WE dated 04.02.2022 of Executive Engineer,

Balbeswar Nath Sahoo

AP
AMBIKA PRASAD RAY
NOTARY CUTTACK TOWN
REGD. NO-ON-58/2004

Drainage Division, Cuttack, are annexed herewith as Annexure- **-R6/E and R6/F** respectively.

4. That , in reply to the averment made in Para No. 5 to 12 of the rejoinder affidavit , it is respectfully submitted that all records as submitted previously are not false and superficial. But these are available data / records which are available with this Office. The mouth of the Sukapaika Drainage Channel has been closed since long after construction of flood embankment on Mahanadi right near village -Ayatpur and Damodarpur Gheri Bandha as well as to the near distributaries No.1 of Taladanda canal . Hence, the natural flow from the river Mahanadi to the Drainage Channel has been stopped. Now to alive the Sukapaika Drainage channel, one No. of sluice on river embankment near Ayatpur and one no. of Drainage sluice below the Ditsy No.1 of Talandanda canal for intake the water from the river Mahanadi and Rejuvenation of the Drainage channel have been approved to avoid any unhealthy atmosphere and to develop the water table / ground water level of the locality as well as on after completion of the project, the storage water in this drainage channel will be used for drinking purpose and its supply of the rural people.

5. That with regard to the averments made in Paragraphs-13, of the rejoinder affidavit need no comment.


AMBIKA PRASAD RAY
NOTARY CUTTACK TOWN
REGD. NO-ON-56/2004

Badarwar Nath Sahoo

hwr

6. That in reply in reply to the averments made in Para - 14 to 18 of the rejoinder affidavit , it is humbly submitted that the State Govt. have taken steps and approved for an amount of Rs.49.67 lakhs for Rejuvenation of the Sukapaika Drainage Channel. The amount of Rs.49.67 lakhs for the Project " Rejuvenation of Sukapaika Drainage Channel will be submitted to Govt. for budgetary provision for the year 2022-23.

7. That the facts stated above are true the best of my knowledge basing on official records and belief .

VERIFICATION

h
I , Sri Baleswar Nath Sahoo, aged about 58 years , S/o Late Bhagabat Sahoo , at present working as Chief Engineer, Drainage, Gandarpur, Cuttack , At: Gandarpur , P.o.- College Square Dist- Cuttack, do hereby verify that contents of the above affidavit are true and correct to the best of my knowledge as derived from official records and that nothing material has been concealed there form

Verified at Cuttack on this the 10 day of March, 2022.

Cuttack.

Dt. 10.03.2022.

Baleswar Nath Sahoo

VERIFICANT.


AMBIKA PRASAD RAY
NOTARY CUTTACK TOWN
REGD. NO-ON-56/2004

AFFIDAVIT

I , Sri Baleswar Nath Sahoo, aged about 58 years , S/o Late Bhagabat Sahoo , at present working as Chief Engineer, Drainage, Gandarpur, Cuttack , At: Gandarpur , Po- College Square Dist.- Cuttack, do hereby solemnly affirm and state as follows;-

- 1) That , I am the respondent No.6 in the Original Application and have been duly authorized by respondent No.2,3 and 5 to swear this affidavit on their behalf also .
- 2) That, the facts stated above are true to the best of my knowledge and based on official records.

Identified by:

S. P. Pata
Addl. Govt. Advocate.

Baleswar Nath Sahoo
Deponent.

CERTIFICATE

Certified that due to non-availability of cartridge paper this counter affidavit has been typed in thick white paper .

Cuttack.

Dt. 10.03.2022.

h.w.
Addl. Govt. Advocate.

The above named deponent being identified by S. P. Pata Advocate, solemnly affirm and state before me that the contents of this affidavit are true to the best of his/her knowledge and belief.

B. N. Sahoo
Adv. Govt. Adv
10.03.22
AMBIKA PRASAD RAY
NOTARY. Regd. No.-ON-56/04

Richard Hill 2010

Richard Hill

Richard Hill
2010

- 7 -

OFFICE OF THE ENGINEER-IN-CHIEF
WATER RESOURCES, ODISHA, BHUBANESWAR

WF-Misc-7/ 2007 /

From

Er. Bhakta Ranjan Mohanty,
Chief Engineer & Basin Manger,
Mahabnadi Kathajodi System,
Bhubaneswar

Date :

21812 / OR 23.08.2021

To

The Engineer-in-Chief, Water Resources, Odisha/
E.I.C., Planning & Designs, BBSR/
Smt. Pramila Mallik, Govt. Chief Whip /
Director (UT) Directorate,
Central Water Commission, New Delhi /
C.E. & Basin Manager, Upper Mahanadi Basin /
C.E. & Basin Manager, BSB Basin, Laxmiposi /
Engineer-in-Chief, (Civil) R&B, Bhubaneswar /
C.E., Minor Irrigation, Bhubaneswar /
C.E., Designs, Odisha, Bhubaneswar /
C.E., Project Planning Formulation & Investigation, Odisha, Bhubaneswar /
E.I.C., Electricity-cum-Principal Chief Electrical Inspector, Bhubaneswar /
C.E., East Coast Railway (Bridge), Bhubaneswar.

Sub : Proceedings of the 133rd T.A.C. to State Flood Control Board held on dt. 29.04.2021.

Sir,

With reference to the subject cited above, I am to enclose here with the proceedings of 133rd Technical Advisory Committee meeting held on dt 29.04.2021 through video conferencing for favour of information and necessary action.

Encl : Proceedings - 1 set

Yours faithfully,

Memo No.

21813 / OR Date : 23.08.2021
Copy submitted to the Principal Secretary to Govt., Department of Water Resources, Odisha for

favour of kind information.

Encl : Proceedings - 1 set

Memo No.

21814 / OR Date : 23.08.2021
Copy forwarded to Director, (M&A), CWC, Bhubaneswar / Chief Engineer, Drainage, Cuttack for

information and necessary action.

Encl : Proceedings - 1 set

Memo No.

21815 / OR Date : 23.08.2021
Copy forwarded to Additional Chief Engineer, Central Irrigation Circle, Bhubaneswar / Eastern Circle-I, Cuttack / Eastern Circle-II, Chandikhol / Drainage Circle, Balasore / Drainage Circle, Cuttack / Drainage Circle, Bhubaneswar / for information and necessary action.

Encl : Proceedings - 1 set

Chief Engineer & BM, MK System 21/8/21

True copy
attached

10/3/22

Chief Engineer
Drainage, Cuttack-3

Anderson, Ralph

1-1

1-1

Chief Engineer
Outback-3

1-1

1-1

Proceedings of 133rd meeting of the "Technical Advisory Committee for State Flood Control Board" held on DT.29.04.2021 at 11.30 A.M. through Video Conferencing.

Item No. - 1

E.E., Jagatsinghpur Irrigation Division

Name of the work : Protection to scoured bank on Devi left embankment providing 4 nos. spurs near village Gandakula.

Estimated Cost Rs.1754.90 lakhs

E.I.C File No.

Topo. Ref. 73 L/8

River Kathajodi, a tributary of Mahanadi after traveling some distance is named as river Devi. In course of travel, it bifurcates at multiple points and unite again forming a number of Islands. The proposed work from Badabali to Bandara is just on the Devi left embankment and close to its mouth falling into Bay of Bengal. The nature of soil is mostly alluvial and sandy. The rate of scour is vigorous under the joint action of flood and reversible tidal flow coupled with wind action. The river bank is continuously scouring and at some places deep channel is passing very close to the embankment as it is nearer to the adjacent villages which endangers the life and properties of the locality.

To overcome the problem the proposal for construction of 4 nos. of spur near village Gandakula on Devi left bank was approved in 119th TAC held on 14.05.2015 at Sl.No.33. amounting to Rs.794.83 lakhs.

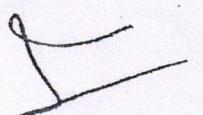
During Funny and flood occurred in 2019 the site condition was changed. Also the labour rates has been hiked and implementation of GST it is not possible to construct 4 nos. of spurs within the sanction amount of Rs.794.83 lakhs.

A Technical Committee was convened under the Chairmanship of Engineer-in-Chief, Water Resources on 15.10.2020. It was decided that 4 nos. of spur are required to fulfill the site requirement. Accordingly a team headed by Superintending Engineer, Eastern Circle-II cross checked the levels. The revised estimate has been prepared as per the prevailing site condition with enhanced labour rate and inclusion of GST.

Accordingly the revised cost for construction of the above 4 nos. of spurs comes to Rs.1754.90 lakhs against earlier approved cost of Rs.794.83 lakhs.

On completion about 18,000 people of 4 G.P.s namely Baramundali, Marichpur, Naharana & Kusupur covering 14 villages of Balikuda block under Jagatsinghpur district will be benefited. 700.00 Ha of cultivable land will be protected from crop loss due to flood. No land acquisition is required and the B.C. ratio is 2.01.

The proposal was discussed in detail and approved.



Item No. - 8 E.E., Drainage Division, Cuttack
Name of the work Improvement to Jarla Jhill of Mahanga Block.
Estimated Cost Rs.1110.23 Lakhs
E.I.C File No.
Topo Ref. 73-L/2

The link drain No 24 originates from Kusundaspur pata area and outfalls to Jarla Jhill water body after travelling a distance of 2.0km and after that renamed as Kakudia drain runs for 4.15 Km. out falling to Majore main drain. Jarla Jhill link drain is having 1800m in length with average width of 100m exists in between Raghunathpur to Barahipur under Mahanga & Ususma gram Panchayat. The drain is situated in Doab-II and total catchment area of the drain is 810 Ha.

This natural water body of Jharia jhill is covered with thickly grown water hyacinth & slush resulting and lost its carrying capacity. Hon'ble Minister P.R., Drinking Water, Housing and urban Development, Odisha has stressed upon to renovate the water body.

To overcome the above problem Present proposal envisages the following features:

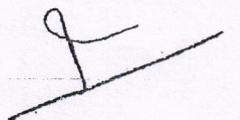
- (i) Renovation including re-sectioning of Jarla Jhill link drain for 1.80km to design section and clearance of thickly grown water hyacinth.
- (ii) Construction of toe wall using crated boulder on both side of Jarla Jhill for 2.10km at vulnerable reaches
- (iii) Providing driving of z type sheet pile on both side of Jarla jhill for a length of 50mtr.at deepest portion.

On completion 6500 people of 8 adjoining villages of Mahanga Block of Cuttack district will be benefited. Drainage congestion from 110Ha of agricultural land will be retrieved. No Land acquisition is required for the above work. B.C. ratio is 1.67.

The proposal was discussed in detail and approved.

Item No. - 9 E.E., Drainage Division, Cuttack ✓
Name of the work Rejuvenation of Sukapalka Drainage under Cuttack sadar assembly Constituency, Cuttack District
Estimated Cost Rs.4403.71 Lakhs
E.I.C File No.
Topo Ref. 73 L/3

Sukapalka Drainage Channel originates from right embankment of River Mahanadi near village Ayatpur and outfalls to Mahanadi river near village Bankala through existing sluice after travelling a distance of 27.50 km. The drain is situated in Doab No- I area and total catchment area of the drain is 1420Ha.



The off taking point of Sukapaika Drainage Channel was closed during the construction of right flood embankment at Ayatpur which causes the drain dead day by day and depletion of ground water and scarcity of water in the adjoining area during non monsoon period. The above drainage channels have been silted up and lost its carrying capacity and also due to weed growth and marshy grass causes hindrance to the free flow of water in the system.

To overcome the above problem Present proposal envisages the following features:

- (i) Construction of drainage sluice on the Capital embankment at RD 12.00km of River Mahanadi at off taking point of Sukapaika drain to make it perennial.
- (ii) Construction of CD work at crossing point of distributary No. I of Taladanda Canal.
- (iii) Renovation including re sectioning of Sukapaika Drainage channel for a length of 2.50km from originating point to create water body along the stream.
- (iv) Construction of 4 Nos of VRB at suitable location for communication purpose.

On completion people of 15 adjoining villages of Cuttack Sadar, Raghunathpur & Nischintakoili Block of Cuttack district will be benefited. 2500Ha of agricultural land will be benefited. No land acquisition is required for the above work. B.C. ratio is 1.87.

The proposal was discussed in detail and approved.

Item No. - 10	E.E., Drainage Division, Khurda
Name of the work	Improvement to Kaitha Nalla main drain with secondary drain (i) Bausanalla (ii) Kansari Nalla with its link drain in Chilika constituency.
Estimated Cost	Rs.586.39 Lakhs
E.I.C File No.	
Topo Ref.	74 E/5

The Kaitha Nalla main drain originates from Bankar Reserve Forest of Banapur Block and outfalls at Chilika. The total length of Kaitha Nalla main drain-19.66 Km. and its Secondary Drain (i) Baunsa Nalla and (ii) Kansari Nalla with its Link drain having total length of 39.34 Km with catchment area of 26856 Ha. The system is in DOAB-XV.

Due to inadequate maintenance, the drainage system has been silted up and lost its carrying capacity. The drain section is minimized due to encroachment by the farmers at some places, During rainy season flood water overtopped the banks and inundates the adjoining agricultural land causing reduction in productivity.

To overcome the above problem Present proposal envisages the following features:

- (i) Re-sectioning of the main drain Kaith Nalla for a length of 19.66 Km and its secondary drain, Kansari Nadi of length 13.97 Km (SO-1) and Bausanali nalla of

about 2400 villagers of Ramayapatna village in Katuru Gram Panchayat. Protective arrangements for the coastal residents is highly essential to face the extreme weather conditions.

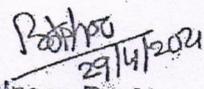
Temporary sand bag groyne and opening of mouth carried out during 2019 and 2020 have caused formation of beach, but the villagers of Ramayapatna and Katuru Panchayat are frightened as no permanent solution has been taken up till date. CRZ clearance has been obtained for this project.

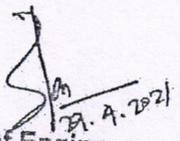
To overcome the above problem Present proposal envisages the following features:

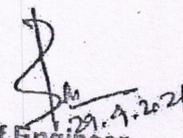
- (i) Construction of a Groyne of Armour stone for a length of 200m on the left of river mouth to restrict the flow of river towards village.
- (ii) Construction of RCC Seawall parallel to coast line with provision of "Z" sheet piling as per approved drawing within 25 m away from the Village.
- (iii) Nourish of the beach profiles with stone dumping for entire 1245m long adjacent to the RCC wall on sea side.
- (iv) Construction of Earthen embankment for a length of 1245m behind the Retaining Wall i.e. on the country side.

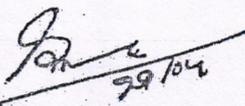
On completion of the project people of 7 adjoining villages around 15000 nos of Chikiti block in Ganjam district will be benefited. No land acquisition is required for the above work. B.C. ratio is 1.58.

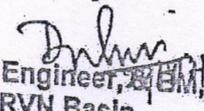
The proposal was discussed in detail and approved.

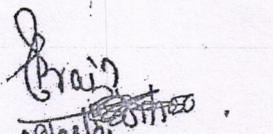

29/4/2021
Chief Engineer, Designs,
Bhubaneswar
(Member)

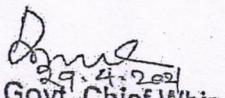

29.4.2021
Chief Engineer
Minor Irrigation, BBSR
(Member)

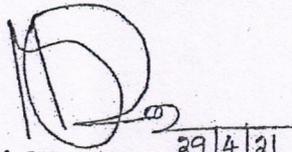

29.4.2021
Chief Engineer,
PPF & I
Bhubaneswar

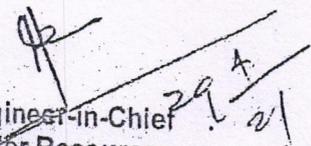

29/4/21
Chief Engineer, & BM, UMB
Burla
(Member)


29/4/21
Chief Engineer, & BM,
RVN Basin
(Member)


29/4/21
Chief Engineer, Drainage
Cuttack
(Co-Opted Member)


29.4.2021
Hon'ble Govt. Chief Whip
(Member)


29/4/21
Chief Engineer, FC & BM,
Lower Mahanadi Basin
Bhubaneswar
(Member Secretary)


29.4.21
Engineer-in-Chief
Water Resources
(Chairman)

OFFICE OF THE ENGINEER-IN-CHIEF, WATER RESOURCES, ODISHA,
SECHASADAN, BHUBANESWAR -751001

No. HH, GIS &CEM-CC-Flood TAC/2021 224 / WE Date 03.01.2022

Er. D.D.R.R. Pattanaik
Chief Engineer, HH, GIS & CEM
Sechasadan, Bhubaneswar

To

- The Engineer-in-Chief,
Water Resources, Odisha, Bhubaneswar/
Engineer-in-Chief,
Planning & Design, Odisha, Bhubaneswar/
Smt. Pramila Mallik, Govt. Chief Whip, Odisha, Bhubaneswar /
Chief Engineer & Basin Manager,
Mahanadi Kathajodi System, Bhubaneswar/
Chief Engineer & Basin Manager,
Mahanadi Basin, Burla/
Chief Engineer & Basin Manager,
Subarnarekha & Budhabalanga Basin, Laxmiposi, Baripada/
Chief Engineer, Minor Irrigation, Bhubaneswar/
Chief Engineer, Designs, Bhubaneswar/
Chief Engineer, Planning, Bhubaneswar/
Engineer-in-Chief (Civil), Road & Building, Bhubaneswar/
Engineer-in-Chief,
Electricity-Cum-Principal Chief Electrical Inspector, Bhubaneswar /
Chief Engineer, East Coast Railway (Bridge), Bhubaneswar/
Director (M&A), Central Water Commission, Bhubaneswar

24/01/22

Sub:- Proceedings of the 136th TAC to State Flood Control Board, Odisha held on 14.12.2021 through video conference.

Ref: This office Letter No. 32069 dated 13.12.2021.

Sir,

With reference to the letter and subject cited above, the proceedings of the 136th TAC to State Flood Control Board, Odisha held on 14.12.2021 through video conferencing is enclosed herewith for favour of information and necessary action.

Encl : Proceedings – 1 Booklet.

Yours faithfully

[Signature]
Chief Engineer, HH, GIS & CEM

Memo No. 225 / WF Date 03.01.2022

Copy submitted to the Principal Secretary to Govt., Department of Water Resources, Odisha, Bhubaneswar for favour of kind information.

Encl : Proceedings – 1 Booklet.

[Signature]
Chief Engineer, HH, GIS & CEM

Memo No. 226 / WF Date 03.01.2022

Copy forwarded to the Director, (M&A), CWC, Bhubaneswar for information and necessary action.

Encl : Proceedings – 1 Booklet.

[Signature]
Chief Engineer, HH, GIS & CEM

Memo No. 227 / WF Date 03.01.2022

Copy forwarded to the Chief Engineer, Drainage, Cuttack/CE&BM, Mahanadi Brahmani and Baitarani System, Chandikhole/ CE&BM, RBVN Basin, Berhampur/CE&BM, Tel Basin, Bhawanipatna/ CE&BM, Brahmani Basin, Samal/CE&BM, Baitarani Basin, Keonjhar /Chief Engineer, Procurement for information and necessary action. The CE, Procurement is requested to upload the proceedings in the PROMIS portal for information of all concerned.

Encl : Proceedings – 1 Booklet.

Memo No. 609 / WF Date 15/02/2022

[Signature]
Chief Engineer, HH, GIS & CEM

all Addl. CE/ all SE/S/EE's copy along with enclosed proceedings forwarded to the
ACD, Mahanadi CWC

True copy attached

10/3/22

Chief Engineer Drainage Cuttack

-13-

GOVERNMENT OF ODISHA
DEPARTMENT OF WATER RESOURCES

PROCEEDINGS
OF
136th TECHNICAL ADVISORY COMMITTEE
TO STATE FLOOD CONTROL BOARD

HELD ON 14.12.2021 AT 11.00 AM
THROUGH VIDEO CONFERENCING

(Flood Control and Drainage Sectors)

CE, HH, GIS & CEM

Division-wise Flood Control proposals

Sr No	Name of the Division	No. of Proposals
1	Angul Irrigation Division	1
2	Baitarani Irrigation Division	1
3	Salandi Canal Division	1
4	Jajpur Irrigation Division	10
5	Jaraka Irrigation Division	7
6	Jagatsinghpur irrigation Division	3
7	Puri Irrigation Division	3
8	Khurda Irrigation Division	2
9	Mahanadi North Division	1
10	Kalahandi Irrigation Division	4
11	Bhanjanagar Irrigation Division	1
12	Berhampur Irrigation Division	1
13	Aul Embankment Division	1
	Total	36 nos

Division-wise Drainage proposals

Sr No	Name of the Division	No. of Proposals
1	Drainage Division, Balasore	13
2	Drainage Division, Bhadrak	7
3	Drainage Division, Jajpur	4
4	Drainage Division, Kendrapara	5
5	Drainage Divn, Jagatsinghpur	3
6	Drainage Division, Cuttack	20
7	Drainage Division, Puri	3
8	Drainage Division, Khurda	2
	Total	57 nos

Proceedings of 136th "Technical Advisory Committee (TAC) to State Flood Control Board" held on 14.12.2021 through video conferencing.

Members present:

Engineer-in-Chief, Water Resources, Odisha, Bhubaneswar	Chairman
Engineer-in-Chief, Planning & Design, Odisha, Bhubaneswar	Vice-Chairman
Smt. Pramila Mallik, Govt. Chief Whip	Member
Chief Engineer & Basin Manager, Mahanadi Kathajodi System, Bhubaneswar	Member
Chief Engineer & Basin Manager, Mahanadi Basin, Burla	Member
Chief Engineer & Basin Manager, Subarnarekha & Budhabalanga Basin, Laxmiposi, Baripada	Member
Chief Engineer, Minor Irrigation, Bhubaneswar	Member
Chief Engineer, Designs, Bhubaneswar	Member
Chief Engineer, Planning, Bhubaneswar	Member
0. Engineer-in-Chief (Civil), Road & Building, Bhubaneswar	Member
1. Engineer-in-Chief, Electricity-Cum-Principal Chief Electrical Inspector, Bhubaneswar	Member
2. Chief Engineer, East Coast Railway (Bridge), Bhubaneswar	Member
3. Director (M&A), Central Water Commission, Bhubaneswar	Member
4. Chief Engineer, HH, GIS & CEM, Bhubaneswar	Member
	Member Secretary

The 136th TAC to State Flood Control Board was held on 14.12.2021 at 11.00 AM under the chairmanship of the Engineer-in-Chief, Water Resources, Odisha, Bhubaneswar through video conferencing for examination and recommendation of the project proposals in flood control and drainage sectors put forth before the committee by the concerned project authorities / field functionaries.

At the outset, the Chief Engineer, HH, GIS & CEM, Bhubaneswar welcomed all the members through video conferencing and requested the concerned Chief Engineers & Basin Managers / Chief Engineers to present their project proposals/schems before the committee for discussion and taking decision. In total 93 numbers of project proposals comprising 36 flood control projects and 57 drainage projects were placed before this TAC. The brief descriptions of the project proposals and decision/ recommendation of the TAC in each case have been mentioned below.

1234

5678

29.10.2021 with the principal Secretary to Govt., DOWR, Odisha, Bhubaneswar, the Principal Secretary H & UD Department, the Commissioner, C.M.C, Cuttack, the Director Tourism and the Chief Engineer Drainage, Cuttack.

The Renovation work includes removal of slushy soil & organic materials from the bed to be taken up.

- 1) The width of the Peta Nallah is to be kept 50m by making both sides of the bank with good quality of borrow earth and then tufting is to be done.
- 2) The space available after renovation, can be developed as park space, etc.

The following provisions have been made in the Present proposal.

- 1) Re-sectioning of the existing Nalla sections to Design sections by dredging for the length of 3300mtr.
- 2) Construction of toe wall for the length 3.30 Km and 600mtr. stone packing of leading channel.
- 3) Slope Protection works.
- 4) Granular sub-base of 0.20 m thickness.

The estimated cost of the project is around Rs 3613.40 lakhs.

After completion of the project the the major area in CDA and Bidanashi in Cuttack City area will be retrieved from water logging. The entire storm water of the Drainage area of 494.70 ha will be smoothly drained out to Kathajodi River. A water body will be developed throughout the peta nallaha and unhygienic conditions of the locality can be removed on completion of the project.

Recommendation:

The project proposal was discussed in detail and approved in principle.

Item No:56	Drainage Division, Cuttack
Name of the work:	Rejuvenation of Sukapaika Drainage Channel under Cuttack Sadar Assembly Constituency of Cuttack District for the Year 2021-22
Estimated Cost:	Rs. 4967.13 Lakhs
Location:	Lat-20°-24'- 26.421"N, Long. -86°-1'-32.551"E
BC Ratio	1.67

Sukapaika drainage channel originates from embankment of river Mahanadi near village Ayatpurand after covering a distance of 30.450 Km, it outfalls to river Mahanadi near village Bankala, through existing Sluice. This system lies on Doab-1 region and it is situated on 20°-24' 26.421"N latitude and 86°-1'32.551"E longitude respectively. This system has catchment area of 1420 ha.

The mouth of the Sukapaika Drainage Channel near Ayatpur has been closed during the year 1950, after constructing of embankment on Mahanadi right i.e. called capital embankment. The long term environmental disasters resulting in drastically depletion of ground water level and breeding of mosquitoes and flies in the surrounding villages have occurred. The crop yield in these areas is very less inspite of fertile land due

Handwritten signature

to scarcity of water during non-monsoon period. As a result of which the Drain is completely filled with water hyacinths causing a breeding place for mosquitoes and unhealthy condition prevails all along drain. Rejuvenation of drain has been proposed in this proposal, to overcome such defunct and distress condition of drain, by constructing a sluice on the Right embankment of river Mahanadi near Ayatpur and a cross drainage system on the road from Ayatpur to Kandarpur i.e. on Disty.canal No.-1 of the Taladanda Canal System. The present proposal will help the drainage channel to be free from weeds, water hyacinths and other vegetative plants by perennial flow of water through this drainage channel from river Mahanadi and it will help in agricultural activities both in Rabi & Khariff seasons as the water requirement for the crop can be made available after rejuvenation of the drainage channel and development of eco- tourism benefits will be available in this locality.

The following provisions have been made in the present proposal.

1. Construction of a sluice on the Right embankment of river Mahanadi near Ayatpur.
2. Cross drainage system on existing Road from Ayatpur to Kandarpur i.e. on Distributary No.1 of Taladanda system and Renovation of Sukapaika Drainage channel for a length of 30.450 Km. from the originating point.
3. Construction of four nos. of VRBs.

28.397 Ha. Private land and 156.736 Ha of Govt. Land are required in 60m.wide corridor from Ayatpur to Bankal under Cuttack Sadar Block and Kishannagar Block of Cuttack District.

After completion of the project the villages such as Ayatpur, Damodarpur, Danduasipada, Paiksahi and Brahmanbada under Cuttack sadar block of Cuttack District will be benefited and approximately 250 Ha. of land will be retrieved.

Recommendation:

The project proposal was discussed in detail and approved in principle.

Item No:57	Drainage Division, Cuttack
Name of the work:	Improvement to Kiakoeli Drainage channel and its link drain of Athagarh block in Cuttack district.
Estimated Cost:	Rs. 259.77 Lakhs
BC Ratio	1.72

The Kiakoeli Drainage channel Situated in Athagarh Block of Cuttack District. The Kiakoeli Drainage channel originates from Sapua nala near village Jenapur and out falls to Sankhajora nala near village Brahamana basta after traversing a length of 3.10 km & it has one no. of link drain Gohira L/D. Gohira D/C originates from Keutapada and out falls to Sankhajora Drainage channel Gopinathapada after traversing a length of 3.70 km. Total catchment area is 1790 Ha.

[Handwritten signature]

1911

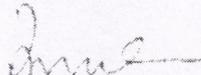
1911

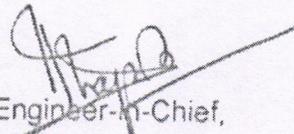
General Observation:

- 18 -

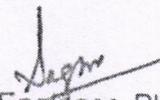
Design and drawings of each proposal are to be made as per relevant IS Codes and to be approved by the concerned Chief Engineers/Chief Engineers & Basin Managers/Chief Engineer, Designs as per the prevailing norms before implementation.

The meeting ended with a vote of thanks to the chair.


Govt. Chief Whip


Engineer-in-Chief,
Planning & Design

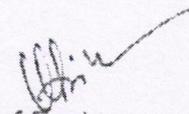

Engineer-in-Chief,
Water Resources


Chief Engineer, Planning


Chief Engineer, Designs


Chief Engineer,
Minor Irrigation


Chief Engineer & Basin Manager,
Mahanadi Kathajodi System


Chief Engineer,
HH, GIS & CEM



**GOVERNMENT OF ODISHA
DEPARTMENT OF WATER RESOURCES**

DRAINAGE DIVISION, CUTTACK

DETAILED PROJECT REPORT

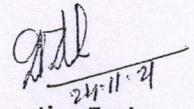
**REJUVENATION OF SUKAPAIIKA DRAINAGE
UNDER CUTTACK SADAR ASSEMBLY
CONSTITUENCY, CUTTACK DISTRICT
FOR THE YEAR-2020-21.**

ESTIMATED COST Rs. 4967.13 Lakh

**CHIEF ENGINEER
DRAINAGE, CUTTACK**

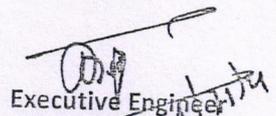
CERTIFICATE AS PER PARA 3:4:10 OF O.P.W.D. CODE

Certified that Sri P.K. Panda Junior Engineer and Sri Dayanidhi Nath, Asst. Executive Engineer of Drainage Sub-Division No-I have reported that they have personally visited the spot and prepared the estimate using the sanctioned schedule of rate and providing the most economical and safe way of executing the work.



Asst. Executive Engineer
Drainage Sub-Divn No.I
Cuttack

I certify that I have personally visited the spot and inspected the site and prepared the estimate using the sanctioned schedule of rate and providing the most economical and safe way of executing the work.



Executive Engineer
Drainage Division
Cuttack

MEMORANDUM

- 1 Name of the Project : REJUVENATION OF SUKAPAIIKA DRAINAGE CHANEL
- 2 Location : The drainage is located in the districts of Cuttack & Jagatsinghpur
- 3 Present Problem : The embankment at Ayatpur was closed long back without taking into consideration, the long term environmental disasters resulting drastical depletion of ground water level and breeding of mosquitoes and flies in the surrounding villages.
- 4 Historical back ground : The place is situated in the costal belt of Odisha where about 30 percent of CCA suffers from drainage congestion & water logging problem during monsoon period. The crop yield in these areas is very low inspite of fertile land due to scarcity of water during non-monsoon period.
- 5 Attempts if any and the experience gained as to the results : Due to paucity of funds no attempt has been made for a perennial source of water which will help for rabi cultivation
- 6 Comparative merit on the problem and the justification for giving precedence to the other problem if any of the locality : The people in this locality are demanding for construction of a sluice on Mahanadi river embankment through which they will get water from the river throughout the year for their cultivation for rabi & Khariff season.
- 7 Approach : A sluice is to be constructed on the embankment of river Mahanadi and cross drainage system for canal and road and renovation of Sukapaika drainage channel for a length 30.450km.
- 8 Design, Construction : Design will be adopted basing on BIS code after conducting survey at site. It is now proposed for rejuvenation of drainage channel

- Specification selects suitability of economy : The spections selected with the site condition quite economical
- 10 Agency of execution : The work will be executed through the registered contractor after calling Tenders observing all the codal procedures by the Executive Engineer, Drainage division Cuttack
- 11 Necessity and desirability of studying the problem as model : Since it is a small work model study may not be economical. It is based on the experience of the local farmers.
- 12 Analogy based on similar problems and experience and results noticed : It has been observed since long with if this project will be taken up it will be very much beneficial to the adjacent cultivators of their crops.
- 13 Scope of remedy now suggested if permanency : The remedy suggested is expected to provide good effect. The present proposals are made to rejuvenate the drainage channel.
- 14 Maintenance of the work after constructions resources organisatio : Maintenance will be made out of normal repair grant of the Drainage Division, Cuttack.
- 15 Cost of the Project : Rs. 4967.13 Lakh
- 16 Benefit cost ratio : 1.67


24.11.2021
Asst. Engineer
Drainage Sub-Divn No.I
Cuttack


24.11.21
Asst. Executive Engineer
Drainage Sub-Divn No.I
Cuttack


24.11.21
Executive Engineer
Drainage Division
Cuttack

-23-

REPORT

This project cost amounting to Rs.4967.13 (Rupees Four thousand nine hundred sixty seven lakh point one three) only has been framed to meet the probable cost of expenditure for the above noted work.

Sukapaika drainage channel is originating from embankment of river Mahanadi near village Ayatpur and after covering a distance of 30.450Km. it outfalls to river Mahanadi through near village Bankala, through existing Sluice. This system lies on Doab-1 region and it is situated on $20^{\circ}-24' 26.421''$ N latitude and $86^{\circ}-1'32.551''$ E longitude respectively. This system has catchment area of 1420 ha.

The mouth of the Sukapaika Drainage Channel near Ayatpur has been closed during the year 1950, after constructing of embankment on Mahanadi right i.e. called capital embankment. The long term environmental disasters resulting drastically depletion of ground water level and breeding of mosquitoes and flies in the surrounding villages. The crop yield in these areas is very less inspite of fertile land due to scarcity of water during non-monsoon period. As a result of which the Drain is completely filled with water hyacinths causing a breeding place for mosquitoes and unhealthy condition prevails all along drain. Rejuvenation of drain has been proposed in this proposal, to overcome such defunct and distress condition of drain, by constructing a sluice on the Right embankment of river Mahanadi near Ayatpur and a cross drainage system on the road from Ayatpur to Kandarpur i.e. on Disty.canal no-1 of the Taladanda Canal System. The present proposal will help the drainage channel free from weeds,

Water hyacinths and other vegetative plants by perennial flow of water through this drainage channel from river Mahanadi and it will help in agricultural activities both in Rabi & Khariff season as the water requirement for the crop can be made available after rejuvenation of the drainage channel and development of eco-tourism benefits will be available in this locality.

Scope of work

- A. It is proposed to construct a sluice on the Right embankment at of river Mahanadi near Ayatpur.
- B. Cross drainage system on existing Road from Ayatpur to Kandarpur i.e. on distributary No.1 of Taladanda system and Renovation of Sukapaika Drainage channel for a length of 30.450Km. from the originating point.
- C. Four nos. of VRB has been purposed as per demand of villagers.

Land Acquisition:

28.397Ha. Private land and 156.736Ha. of Govt. Land is required in 60m. corridor from Ayatpur to Bankal under Cuttack Sadar Block and Kishannagar Block of Cuttack District.

Climate:

The climate of the project area is tropically with usually three permanent seasons i.e. Summer, Rainy & Winter. The maximum temperature is about 42.00 degree Celsius & minimum temperature is about 15.00

degree Celsius. Most of the rainfall is recorded from 15th June to 31st October, The maximum annual rain fall is about 1200mm. and minimum

-25-

rainfall is about 700mm. Severe cyclonic storm sometimes originates from the depression occurs in Bay of Bengal causing rain and flood in the district.

The main factors being

Flat Area :

This command is a flat area as a result at which self-clearance velocity is not developed and this the sediment load carried is the drains get deposited within the section at drainage channel and reduce the cross sectional Area. Low capacity disposal in channel remove water & slowly that the high water level in the channel cause ponding on the land affecting crop yield.

Due to cross bundhs:

The cross bundha put by farmers across the nallah to store water in dry period are not removed by the cultivators at the time of rainy seasons. These act as a barrier to flow and reduce the cross sectional area of the channel.

Due to weed growth:

Due to improper drainage maintenance there is enormous weed growth and development of marshy gross lands in the drainage area causing poor drainage.

Due to meander :

Meander in channels and drains are reducing the flow velocity which causes deposition of the sediment load carried by the water thus increasing the Bed level and reducing the sectional area of the channel causing poor drainage.

Present proposal:

- A. It is proposed to construct a sluice on the Right embankment at of river Mahanadi near Ayatpur.
- B. Cross drainage system on existing Road from Ayatpur to Kandarpur i.e.on distributary No.1 of Taladanda system and Renovation of Sukapaika Drainage channel for a length of 30.450Km. from the originating point.
- C.Four nos. of VRB has been purposed as per demand of villagers.

Mechanical carriage:

The mechanical carriage has been kept for borrow to improve the approach roads of the Bridges.

Estimate Cost: The estimated cost of the Project is around Rs. 4963.13 Lakh.

Benefit cost Ratio: The B.C. Ratio of the Project is 1.67

Organization Setup:

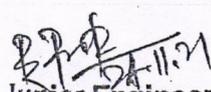
The organization is headed by the Govt. of Odisha, Department of Water Resources followed by the technical head i.e. The Chief Engineers, Drainage Cuttack, The project will be under the Supervision, guidance and

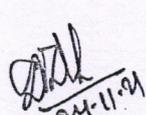
- 27 -

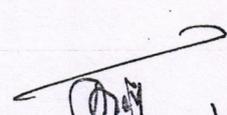
control of the Additional Chief Engineer, Drainage Circle, Cuttack. The project will be executed by a team comprising of the Executive Engineer, Drainage Division, Cuttack, Asst. Executive Engineer and AE. Drainage Sub-Division No.-I, Cuttack.

Benefit and Recommendations:

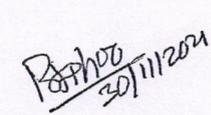
After completion of the project the villages such as Ayatpur, Damodarpur, Danduasipada, Paiksahi and Brahmanbada under Cuttack sadar block of Cuttack District will be benefited and approximately 250 Ha. of land will be retrieved.


Junior Engineer
Drainage Sub-Divn No.-I
Cuttack


Asst. Executive Engineer
Drainage Sub-Divn No.-I
Cuttack


Executive Engineer
Drainage Division
Cuttack


Additional Chief Engineer
Drainage Circle, Cuttack


Chief Engineer,
Drainage, Cuttack

39

-28-

GOVERNMENT OF ODISHA
DEPARTMENT OF WATER RESOURCES

No.-WR-FCDR-SCH-0002-2022 2309 // WR
From

Date 1/2/2022

Shri Rabindranath Chinara
Under Secretary to Government

To
The EIC, WR, Odisha, Bhubaneswar

Sub: Proceedings of the review meeting held on 21st January, 2022 under the Chairmanship of Additional Chief Secretary, DoWR on Drainage Improvement Project (DIP) and possibilities for revival of rivers.

Sir,
In inviting a reference to the subject cited above, I am directed to enclose herewith proceedings of the review meeting held on 21st January, 2022 under the Chairmanship of Additional Chief Secretary, DoWR on Drainage Improvement Project(DIP) and possibilities for revival of rivers for favour of kind information and necessary action.

Yours faithfully,
[Signature]
1/2/2022

Encl: As above.

Under Secretary to Government
Date 1/2/2022

Memo No. 2310

Copy with copy of the enclosure forwarded to Special Secretary to Govt, DoWR(Ms. A Patnaik, IAS)/ EIC-cum-Special Secretary to Govt, DoWR for favour of kind information and necessary action.

[Signature]
Under Secretary to Government
Date 1/2/2022

Memo No. 2311

Copy with copy of the enclosure forwarded to EIC, P&D, Odisha, Bhubaneswar/ Chief Engineer & BM, Mahanadi Kathajodi System, Bhubaneswar/ Chief Engineer, Drainage, Cuttack for favour of kind information and necessary action.

[Signature]
Under Secretary to Government
Date 1/2/2022

Memo No. 2312

Copy with copy of the enclosure forwarded to PS to Additional Chief Secretary Government, DoWR for kind information of Additional Chief Secretary.

[Signature]
Under Secretary to Government
Date 1/2/2022

Memo No. 608 / ku date 15/02/2022

[Handwritten notes]
DW-IV-M-422
Cuttack & Bhubaneswar - SE DD Khandagiri/
SE DD PurifEE DD Cuttack for information & necessary action.

[Signature]
15/02/2022

[Handwritten note]
14/02/2022

[Handwritten note]
True copy attached

[Handwritten note]
10/3/22
Chief Engineer
Drainage, Cuttack-3

-29-

Proceedings of the Review Meeting held on 21st Jan 2022 Under the Chairmanship of Additional Chief Secretary, DoWR on Drainage Improvement Project (DIP) and possibilities for revival of rivers.

A review meeting was held on virtual mode at 3.00 P.M on 21st Jan 2022 under the Chair of Additional Chief Secretary to Govt. Department of Water Resources on Drainage Improvement Programme (DIP) and possibilities for revival of rivers with the following members:-

1. Special Secretary to Govt in DoWR
2. Engineer-in-Chief Water Resources ,Odisha
3. Engineer-in-Chief P&D, Odisha
4. EIC-cum-Spl.Secretary ,Scheme & Monitoring
5. Additional Secretary to Govt.DoWR
6. Chief Engineer Drainage,Cuttack
7. Chief Engineer MKS,Bhubaneswar

At the outset the CE, Drainage appraised on 5 Nos. of Projects through a Power Point Presentation and the details are as follows;

Rejuvenation of Sukapaika Drainage Channel:-

- It is originating from River Mahanadi at Ayatapur village & after traversing a distance of 30.45 Km it outfalls to River Mahanadi near Bankal.
- To make the channel alive, a DPR amounting to Rs. 4967.13 lakhs has been approved in the 136th TAC Meeting fo Flood Control & Drainage on 14.12.2021 with the following provisions;
- One no of sluice for intake of water
- Construction of CD work
- Construction of 4 No of VRB
- Renovation of Drainage Channel
- Land acquisition

Improvement to Ashrukhala Drainage Channel:-

- It is originating from village Dharibil in Cuttack District and after traversing a distance of 59.00 Km it outfalls to River Mahanadi at Kula in Kendrapara District.



(Handwritten signature)

- A D.P.R amounting to Rs. 1901.03 lakhs has been prepared by Drainage Division, Cuttack & approved in 136th TAC with the following provisions;
 - 4.2 Km Dredging
 - Bathing ghats with retaining walls
- A D.P.R amounting to Rs. 470.23 lakhs has been prepared by Drainage Division, Kendrapara for approval with the following provisions;
 - Renovation of Drainage Channel
 - Construction of 3 No bridges
 - Land acquisition

Construction of Weir at Hulhula Nalla to Divert water to Ansupa Sweet Lake:-

- Huluhula drainage channel is originating from the paddy field near village Basudevapur & after traversing a distance of 19.56 Km outfalls to river Mahanadi near village Ghodabara.
- A DPR amounting to Rs.5294.64 lakh has been prepared by Drainage Division, Cuttack & approved in 132nd TAC with the following provisions;
 - Construction of Controlling Structure to divert water in reverse direction to Kanapanhara Pata
 - Construction of CD works over Retaining Wall to allow entry of water into Ansupa lake
 - Excavation of channel from Kantapanhara Pata to Ansupa lake
 - Land acquisition

Rejuvenation of River Devi Taunla:-

- It is originating from village Suneimuhan & after traversing a distance of 20.00Km it outfalls to River Devi .
- The D.P.R amounting to Rs. 10099.72 lakhs has been prepared by Drainage Division, Cuttack & approved in 132nd TAC with the following provisions;
 - Renovation of Drainage Channel
 - Construction of 1 no of Control Structure for entry of Kanadal River water into the channel
 - Construction of 1 no of CD Works to cross the existing canal
 - Construction of 10 no of VRBs
 - Slope Protection Work

Rejuvenation of River Prachi:-

- It is originating from village Ramchandrapur in Khurda district and after traversing a distance of 78.00Km outfalls to Bay of Bengal near village Bajapur of Puri district .



- A D.P.R amounting to Rs.10,669.15 Lakhs has been prepared by Drainage Division, Cuttack with the following provisions;
 - Renovation of Drainage Channel
 - Construction of 1 no of control structure for entry of river water from Kusabhadra & 2 no of weirs
 - Construction of 25 no of VRBs
 - Slope protection work
- A DPR amounting to Rs 19244.00 lakhs has been prepared by Drainage Division, Puri with the following provisions;
 - Dredging works
 - Construction of 4 no of VRBs & weirs
 - Retaining wall
 - Service road
 - Sea mouth protection with groins

After detailed deliberation, the following decisions are taken as outlined below:-

1. Rejuvenation of Sukapaika Drainage Channel:-

A technical team comprising EIC WR, CE Drainage, CE Planning , CE Mahanadi & Kathajodi System & CE Designs to be formed to access the feasibility of the proposal in proper way including impact during flooding & submit a detailed report within a month.

2. Improvement to Ashrukhalra Drainage Channel:-

The project to be included in the action plan for the coming year. For the purpose necessary budget provision to be made.

3. Construction of Weir at Hulhula Nalla to Divert water to Ansupa Sweet Lake:-

To make a detailed technical investigation on the feasibility of the project and revival of Ansupa Lake to be taken up by Chilka Development Authority (CDA)

4. Rejuvenation of River Devi Taunla:-

A technical team to be formed under the chair of EIC,WR to assess the feasibility of proposal in proper way. The report of the technical team to be submitted to the Deptt. .



13



5. Rejuvenation of River Prachi:-

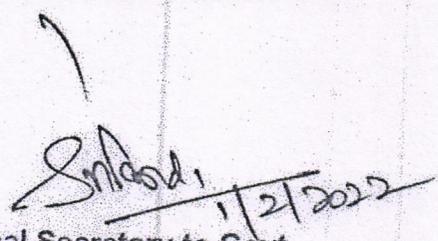
To properly assess the costing analysis of the Project by a technical team and then to prepare a DPR for posing the same before TAC .

The meeting ended with vote of thanks to the Chair.

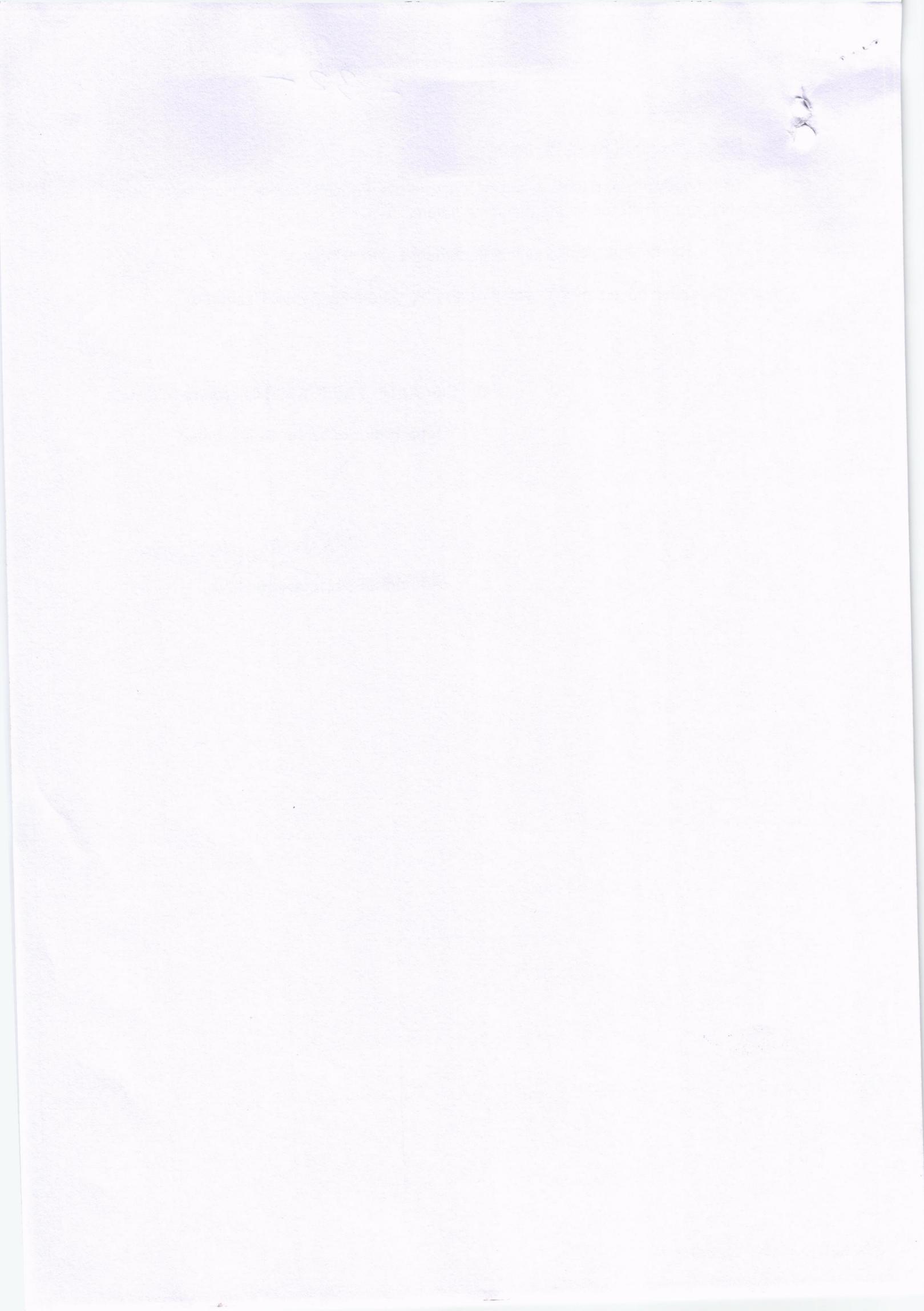
The above minutes have the approval of Addl. Chief Secretary ,Water Resources.

By the Order of Addl. Chief Secretary to Govt.

Department of Water Resources


1/2/2022

Additional Secretary to Govt.



I 33-



E-mail ID: - eeddcuttack@gmail.com

OFFICE OF THE EXECUTIVE ENGINEER
DRAINAGE DIVISION, CUTTACK

No. 325/Date 04-02-2022

To,

The Chief Engineer Planning
Office of the Engineer-In-Chief,
W.R. Odisha, Bhubaneswar

Sub.: - Submission of Hydraulic Particulars with L.S., C.Ss. of Sukapaika Drainage Channel and Flood datas of River Mahanadi.

Ref.: - i) Kind Letter No.2309/WR dtd.01.02.2022 of DoWR on proceedings held on 21.01.2022.
ii) Kind discussions in your good office on dtd.25.01.2022 & 28.01.2022.

Sir,

In inviting a kind reference to the proceedings & subject cited above, it is to state that a DPR amounting to ₹ 4967.13 lakhs has been approved in the 136th State TAC meeting on dtd.14.12.2021 for "Rejuvenation of Sukapaika Drainage Channel under Cuttack Sadar Assembly Constituency of Cuttack District for the year 2021-22" with the provisions of Construction of one no. of sluice for intake of water from River Mahanadi, Construction of C.D. works over distributary No.1 of Taladanda Canal, Construction of 4 nos. of VRBs and renovation of Drainage Channel. A review meeting was held on virtual mode on dtd.21.01.2022 at 3.00 P.M. under the Chairmanship of the Additional Chief Secretary to Govt., Department of Water Resources, Odisha, Bhubaneswar on Drainage Improvement Programme (DIP) and possibilities for revival of rivers.

After detailed deliberation, it is decided that a technical team comprising the Engineer-In-Chief, W.R. Odisha, Bhubaneswar, the Chief Engineer, Drainage, Cuttack, the Chief Engineer Planning, the Chief Engineer, Mahanadi Kathajodi System & the Chief Engineer, Designs to be formed to assess the feasibility of the proposal in proper way including impact during flooding and submit a detailed report within a month.

This matter was discussed in your good office chamber and as per your kind instruction, the following documents of the Sukapaika Drainage Channel & River Mahanadi are submitted herewith for favour of your kind information and taking appropriate action scrupulously on the above matter.

True copy attested

10/3/22

Chief Engineer
Drainage, Cuttack-3

Contd....

Documents

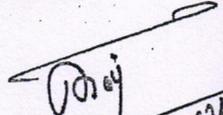
- 1) Hydraulic particulars, L.S. & C.Ss. of the Sukapaika Drainage Channel.
- 2) Line diagram
- 3) Contour Map – 2 Sheets
- 4) Flood datas i.e. Gauge discharge of Munduli Barrage, Jobra Barrage, Kisannagar & Tarpur.
- 5) Cross section of River Mahanadi at Ayatpur, Kisannagar, Bankala & Tarpur.
- 6) Google Sheet
- 7) Topo Sheet

Yours faithfully,


Executive Engineer,
Drainage Division, Cuttack.

Memo No. 325(A) / Date 04-02-2022

Copy submitted to the Chief Engineer, Drainage, Cuttack/ Addl. Chief Engineer, Drainage Circle, Cuttack for favour of kind information and necessary action.


Executive Engineer,
Drainage Division, Cuttack.

- 12 -

