

ଓଡିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.8. ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

Office of the CGM(O&M), Bhubaneswar, OPTCL

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No. TW-CGM(O&M)-25/2026/ 444 ^(CS)

Dt. 10 / 03 / 2026

To,

**Chief General Manager (Elect.),
Central Procurement Cell, OPTCL, Bhubaneswar.**

Sub: Submission of approved estimates towards Dismantling of ACSR Panther Conductor and stringing of AAAC HTLS Conductor (ACSR Panther Equivalent) in 132kV Burla PII-Katapali Ckt-I & II, under EHT(O&M) Division, Burla for execution of work through E-Tender.

Sir,

With reference to the subject cited above, the revised Order of Administrative approval, Technical sanction and Sanctioned estimate for the work "Dismantling of ACSR Panther Conductor and stringing of AAAC HTLS Conductor (ACSR Panther Equivalent) in 132kV Burla PH-Katapali Ckt-I & II, under EHT(O&M) Division, Burla" amounting to **Rs.13,89,87,839.00** is hereby submitted for your information.

Hence, necessary action may be taken at your end to take up the work through e-tender.

Yours faithfully,

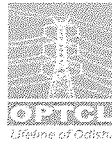
Encl:

1. Technical Sanction.
2. Administrative approval.
3. Approved Estimate.
4. Proceeding of PSC Memorandum.

[Signature] 10/03/26
**Chief General Manager(O&M)
OPTCL, Bhubaneswar**

CC:

1. Director(Operation), OPTCL for favour of kind information.
2. Sr. General Manager(Elect.), Western (O&M) Zone for information and necessary action.
3. General Manager (El), EHT (O & M) Circle, Burla for information and necessary action.
4. DGM (El), EHT (O&M) Division, Burla for information and necessary action.



ODISHA POWER TRANSMISSION CORPORATION LIMITED
PROCEEDING TO THE PSC MEMORANDUM

Members Present:		
1.Sri B.B.Mehta, Director (SLDC)		- Member
2.Sri P. K. Pattnaik, Director (Operation)		- Member
3.Sri P. K. Dash, Director (Project)		- Member
4.Sri S. K. Sahoo, Director (Finanace)		- Member
5.Sri U. K. Gupta, CFO		- Member
6.Sri A.C. Jena, CGM(Projects)		- Member
7.Sri L.K. Panda, CGM(O&M)		- Member
8.Sri R. K. Panigrahi, CGM(CPC)		- Convener
Memorandum No.:-		61/2026
Date:-		11.02.2026
Sub: Administrative approval to the proposal for “Dismantling of ACSR Panther Conductor and stringing of AAAC HTLS Conductor (ACSR Panther Equivalent) in 132kV Burla PH-Katapali Ckt-I & II, under EHT(O&M) Division, Burla”.		
Reason for placing memorandum to this committee: - As per Clause 2.7.1(a), Chapter-II of DOP it is within the purview of this committee.		
1	Name of work/project/procurement of materials/equipment/services.	Dismantling of ACSR Panther Conductor and stringing of AAAC HTLS Conductor (ACSR Panther Equivalent) in 132kV Burla PH-Katapali Ckt-I & II, under EHT(O&M) Division, Burla. 1. 132kV Burla PH-Katapali CKT-I from Loc. No. 1 to Loc. No. 09 including LILO-01 to LILO-36 (10.995 RKM) 2. 132kV Burla PH-Katapali CKT-II from Loc. No. 1A to Loc. No. 20A including LILO-01 to LILO-09 (6.831 RKM)
2	Place of the work: a. Location b. Sub-Division c. Division d. Circle	a. 132kV Burla PH-Katapali Ckt-I & II b. EHT (O&M) Sub-Division, Sambalpur c. EHT (O&M) Division, Burla d. EHT (O&M) Circle, Burla e.
3	Reference to in-principle approval	Not Required (Less than Rs. 30 Crores.)
4	For appointment of consultant/ PMC/ Services provider with the reasons to outsource.	Not Required
5	Status of Business plan/ Transmission plan approved (Approved or yet to be approved by OERC) with details.	Proposed in current financial year.
6	Scope of work	Dismantling of ACSR Panther Conductor & stringing of HTLS Conductor Equivalent to ACSR Panther. Details annexed at Annexure-I .
7	Estimate reference:	

	Description	132kV Burla PH-Katapali CKT-I (in Rs.)	132kV Burla PH-Katapali CKT-II (in Rs.)	Total Amount (in Rs.)
	Material Cost	7,77,06,527.78	4,86,30,310.12	Rs. 12,63,36,837.90
	Erection Cost	78,03,083.15	48,47,918.24	Rs. 1,26,51,001.39
	Total	8,55,09,611.00	5,34,78,228.00	Rs. 13,89,87,839.00
8	Basis of Estimate	Erection component of estimate is based upon the recent R/C price of OPTCL Material component derived from recent Cost data and previous work order issued by CPC, OPTCL to M/S Sterlite on dt. 31.12.2024 for a similar work for "Engineering, Supply, Erection, Testing & Commissioning of High Temperature Low Sag (HTLS) Conductor after dismantling of ACSR Panther Conductor in existing 132 KV Choudwar-Bidanasi SC Line up to Loc. No. 91-118 and Loc. No. 01-23 on Turnkey contract basis" with 5 % cost escalation only on those items whose cost reference was taken from the LOA.		
9	Financial year wise breakup	2025-26: Rs.13,89,87,839.00		
10	Funding Mechanism	OTSSP Ph-II		
11	Land acquisition status: A. Whether Government Land or Private Land? B. Status of soil investigation, contour survey, line survey etc. C. Forest land involvement and status.	NA		
12	Implementation schedule.	To be completed within 180 days from the date of award of work contract.		
13	Requirement of the work.	132kV Burla PH-Boinda SC Line was commissioned in the year 1963 and later 132kV LILO portion to katapali CKT-I was commissioned in the year 2010. Similarly 132kV Burla PH- Chiplima PH Line was commissioned in the year 1979 and 132kV LILO portion to katapali CKT-II was commissioned in the year 2016. 132kV Burla-Katapali Ckt -I & II is a major source for Burla PH evacuation network of Odisha. The significance of 132kV Burla-Katapali Ckt -I & II was also brought up by Director, SLDC vide letter no. 3044 on dt. 16.09.2025 indicating the continuous long operation period of the concerned EHT Line. In the current OPTCL network, SLDC is compelled to restrict Hydro generation which caused revenue loss. Hence to strengthen Burla PH evacuation network by improving network contingency also to avoid		

		Power generation restriction and revenue loss thereof, upgradation of existing 132kV Panther conductor to HTLS conductor is necessary.
14	Mode of tendering: Selection of Executing Agency	Through open tender.

Memorandum is placed before the committee for kind deliberation and recommendation for: Administrative approval of the proposal “ Dismantling of ACSR Panther Conductor and stringing of AAAC HTLS Conductor (ACSR Panther Equivalent) in 132kV Burla PH-Katapali Ckt-I & II, under EHT(O&M) Division, Burla ” with an estimated cost of Rs.13,89,87,839.00 (Rupees Thirteen Crore Eighty Nine Lakh Eighty Seven Thousand Eight Hundred Thirty Nine) inclusive of GST.

Observation of PSC:

1. Estimate is framed for “ **Dismantling of ACSR Panther Conductor and stringing of AAAC HTLS Conductor (ACSR Panther Equivalent) in 132kV Burla PH-Katapali Ckt-I & II, under EHT(O&M) Division, Burla ”.**

i.e. 1. 132kV Burla PH-Katapali CKT-I from Loc. No. 1 to Loc. No. 09 including LILO-01 to LILO-36 (10.995 RKM)

2. 132kV Burla PH-Katapali CKT-II from Loc. No. 1A to Loc. No. 20A including LILO-01 to LILO-09 (6.831 RKM)

2. 132kV Burla PH-Boinda SC Line was commissioned in the year 1963 and later 132kV LILO portion to katapali CKT-I was commissioned in the year 2010. Similarly 132kV Burla PH- Chiplima PH Line was commissioned in the year 1979 and 132kV LILO portion to katapali CKT-II was commissioned in the year 2016.
3. 132kV Burla-Katapali Ckt -I & II is a major source for Burla PH evacuation network of Odisha and also significant EHT Lines considering its continuous long operation period.
4. In the current OPTCL network, SLDC is compelled to restrict Hydro generation which caused revenue loss.
5. In order to strengthen Burla PH network and Power evacuation from Hirakud without interruption by improving network contingency also to avoid Power generation restriction and revenue loss thereof, upgradation of existing 132kV Panther conductor to HTLS conductor is necessary.
6. The Estimate is prepared based upon the recent R/C price of OPTCL and Material component derived from recent Cost data and previous work order issued by CPC, OPTCL to M/S Sterlite **on dt. 31.12.2024** for a similar work for “Engineering, Supply, Erection, Testing & Commissioning of High Temperature Low Sag (HTLS) Conductor after dismantling of ACSR Panther Conductor in existing 132 KV Choudwar-Bidanasi SC Line up to Loc. No. 91-118 and Loc. No. 01-23 on Turnkey contract basis” with 5 % cost escalation only on those items whose cost reference was taken from the LOA.
7. Total Cost of the work comes to **Rs. 13,89,87,839.00**
 - a) 132kV Burla PH-Katapali CKT-I : Rs. 8,55,09,611.00
 - b) 132kV Burla PH-Katapali CKT-II : Rs. 5,34,78,228.00
8. Initially the proposal towards Replacement of old ACSR Panther Conductor to new ACSR Panther Conductor for **132kV Burla PH-Katapali Ckt-I & II** was approved in OTSSP Ph-II (Vide no. 1611, dt. 30.08.2025 of Director(Fin)) along with upgradation of 132kV Joda-Barbil 2nd CKT to HTLS Conductor.
9. However due to corridor constraint for the existing 132kV Joda-Barbil line to

upgrade into HTLS as availing shutdown will be difficult. In addition to this, a new 220kV Grid Sub Station adjacent to Barbil GSS is proposed to be constructed.

10. In lieu of the above, we may take up the proposal towards **Dismantling of ACSR Panther Conductor and stringing of AAAC HTLS Conductor (ACSR Panther Equivalent) in 132kV Burla PH-Katapali Ckt-I & II** instead of Replacement of old ACSR Panther Conductor to new ACSR Panther Conductor for **132kV Burla PH-Katapali Ckt-I & II** and upgradation of 132kV Joda-Barbil 2nd CKT to HTLS Conductor.
11. The above changes will be intimated to Government and DPR will be submitted to OERC towards the proposed work after Administrative Approval.

Recommendation of PSC:

With the above observations, PSC recommended for Administrative approval for “Dismantling of ACSR Panther Conductor and stringing of AAAC HTLS Conductor (ACSR Panther Equivalent) in 132kV Burla PH-Katapali Ckt-I & II, under EHT(O&M) Division, Burla” amounting to **Rs.13,89,87,839.00 (Rupees Thirteen Crore Eighty Nine Lakh Eighty Seven Thousand Eight Hundred Thirty Nine)** inclusive of GST.