

# ODISHA POWER TRANSMISSION CORPORATION LIMITED

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Note ODISHA Province

Reference to P.W.D. Code

Chapter VII, Part 7

**DIVISION:-** O/o CGM Telecom , OPTCL, BBSR

**STATION :-** O/o CGM Telecom , OPTCL, BBSR

**NAME OF WORK:-** SUPPLY, TESTING & COMMISSIONING  
OF 37 NO. OF RETROFITTING RTUs.

**FUND :-** OPTCL OWN FUND

**DEPARTMENTAL HEAD :-** CGM Telecom

**SERVICE HEAD :-** Capital Work

**MAIN HEAD OF CLASSIFICATION :-**

**SUB HEAD OF CLASSIFICATION :-**

**ARM OF THE SERVICE :-** Telecommunication

**ESTIMATE NO -05 of 2024-25**


**AMOUNT- Rs. 2,14,80,720/-**

**(Rupees Two Crore Fourteen Lakh Eighty Thousand Seven Hundred Twenty) only  
incl. GST.**

Estimate of original works (showing Ref Specification Detail and Abstract)

O.S.E.B-144A  
(First Sheet)

  
DGM Finance  
O/o. CGM Telecom OPTCL  
Bhubaneswar

  
Asst. Manager (Telecom)  
O/o CGM, Telecom, OPTCL  
Bhubaneswar



Estimate framed by Allu Sanjaya, Asst. Manager(TC), O/o CGM, Telecom. For the proposed expenses of: **Supply, testing & commissioning of 37 no. of retrofitting RTUs for the year 2025-26.**

### REFERENCES -REPORT-SPECIFICATION REFERENCES

As per upcoming SCADA upgradation project, dual reporting of RTUs to both MCC (Main Control Centre at SLDC, Bhubaneswar) & BCC (Back up control Centre at Meramundali) has become mandatory for effective implementation of the project. 37 nos. of single reporting RTUs consist of 28 nos. of Chemtrols make & 9 nos. of Alstom (C264) make. Chemtrols make RTUs are more than 10 years old & Alstom (C264) make RTUs are more than 7 years old. Presently spare cards are not available to replace the faulty cards or to meet additional requirement for new feeder integration.

In future all RTUs will be replaced with SAS gateway. Hence retrofitting RTUs with 3 years warranty have been proposed instead of going for procurement of complete RTU. In addition to this shutdown is not required in case of retrofitting and existing panel can be used for retrofitting of new RTU cards & related accessories.

Accordingly an estimate, amounting **Rs. 2,14,80,720/- (Rupees Two Crore Fourteen Lakh Eighty Thousand Seven Hundred Twenty)** only incl. GST has been framed to meet the probable expenditure towards **Supply, testing & commissioning of 37 no. of retrofitting RTUs**. The estimate has been prepared based on budgetary offer price received from M/s Synergy systems and solutions.

This estimate may please be sanctioned early.

*Acemya Kantam*  
24/3/2025  
Senior General Manager  
O/o CGM, Telecom, OPTCL  
Bhubaneswar

*[Signature]*  
24/03/25  
DGM Finance  
O/o. CGM Telecom OPTCL  
Bhubaneswar

*Calvin*  
24/03/2025  
Asst. Manager(TC)  
O/o CGM(Telecom)  
OPTCL, BBSR.

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**ESTIMATE FOR SUPPLY, TESTING & COMMISSIONING OF 37 NOS. OF RETROFITTING RTUs**

	<b>Name of materials</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate/Unit in Rs.</b>	<b>Amount in Rs.</b>
1	Supply of retrofitting RTUs having 2 nos of PSU card, 2nos of CPU cards, DI cards for 120 status inputs, AI cards for 16 analog inputs, 4 nos of Ethernet ports, 4 nos. of Modbus etc. including 3 years warranty.	No.	37	420000.00	15540000.00
2	Testing & commissioning of retrofitting RTUs	No.	37	72000.00	2664000.00
3	<b>Total</b>				18204000.00
					2276720.00