

Proceeding of the PSC meeting held on Dt.19.05.2025
Memorandum No.Sr.GM-CPC-PSC- 78(S)/2025.

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 (Finance)	Member
5) Sri U.K. Gupta	C.G.M, Finance (CFO)	Member
6) Sri S.K. Samanta	Sr.GM(Finance)	Member
7) Sri A.R. Swain	S.E (Civil)	Member
8) Sri R.K. Panigrahi	CGM (CPC)	Member-Convenor

Sub: Proposal for **“Supply, testing & commissioning of 37 no. of dual reporting RTUs with retrofitting”** by replacing the existing RTUs at different Grid S/S of OPTCL.

Ref: 1. List of 37 nos. of single reporting RTUs.
2. Hardware architecture of upcoming SCADA Phase-III.
3. Estimate for procurement of 37 nos of retrofitting RTU(**Annexure-I**).

Background of the Work:

Remote Terminal Unit (RTU) are the basic terminal equipment commissioned at Sub-station for acquiring electrical feeder data to be transmitted to SLDC for SCADA purpose. Presently SCADA at SLDC is receiving data from 198 OPTCL sub-stations either from RTU or from SAS Gateways. All RTUs/SAS are already reporting to dual control centres at MCC, SLDC, Bhubaneswar & BCC, Meramundali except 37 nos. of RTUs (Annexure-I) which are reporting to one master only.

1. Necessity of the work:

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. Hence it is urgently required to replace



the single reporting RTU with retrofitting RTU(Dual reporting).

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. In-principle approval has been accorded from the Director (SLDC) for the above work **(Annexure-II)**.

2. Estimate:


Estimate of Rs. 2,14,80,720/- incl. GST has been prepared for Supply, testing & commissioning of 37 nos. of retrofitting RTUs (rack based) without considering RTU panel, MFMs, CMRs & related cables considering 3 years warranty based on budgetary offer price received from M/s Synergy systems and solutions. It was apprised to the committee that though budgetary offers were sought from 3 vendors, only M/s Synergy has responded and submitted the budgetary offer.

ESTIMATE FOR SUPPLY, TESTING & COMMISSIONING OF 37 NO. OF RETROFITTING RTUs.					
Sl. No.	Name of materials	Unit	Qnty.	Rate/Unit in Rs.	Amount in Rs.
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	Total				18204000.00
4	GST @ 18%				3276720.00
5	Grand Total				₹2,14,80,720.00
(Rupees Two Crore Fourteen Lakh Eighty Thousand Seven Hundred Twenty) Only incl. GST					


Recommendation of the PSC (Memorandum No.PSC-78(S)/2025):

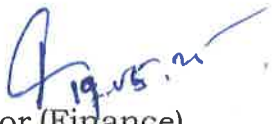
PSC, in its meeting held on Dt.19.05.2025 deliberated the memorandum and recommended as follows:

1. Administrative approval may be accorded for the **Proposal for Supply, testing & commissioning of 37 no. of dual reporting RTUs with retrofitting** by replacing the existing RTUs at different Grid S/S of OPTCL at a total estimated price of **Rs. 2,14,80,720.00 (Rupees Two Crore ^{Lakh} ~~Fourteen~~ ^{Eighty} ~~Eighty~~ ^{Thousand} ~~Seven~~ ^{Hundred} ~~Twenty~~ ^{only}) incl. GST** and the work may be booked under 'Capital works' and shall be made from OPTCL's own fund.
2. The procurement of **37 no. of dual reporting RTUs with retrofitting** may be made through open tender in view of urgent requirements.
3. Consolidated proposal of Telecom wing is to be submitted to OERC and SFC/EFC to be submitted to Govt of Odisha for funding arrangement.


Director (SLDC)


Director (Operation)



Director (Project)


Director (Finance)


CGM (CFO)


Sr.GM (Fin)


SE(Civil)


CGM (CPC)

NOTE SHEET

Memorandum No.-SGM-CPC-PSC-78(S)/2025

Proposal for "Supply, testing & commissioning of 37 no. of dual reporting RTUs with retrofitting" by replacing the existing RTUs at different Grid S/S of OPTCL.

Director (SLDC)

Director (Project)

Director (Operation)

Director (Finance)

CGM (CFO)

SGM (Fin)

SE (Civil)

SENIOR GENERAL MANAGER (CPC)

The proceeding of the PSC meeting held on 19.05.2025 vide the above mentioned Memorandum duly signed by all members is placed in the file for your kind perusal and approval.

Recommendation of PSC:-

PSC recommended as follows:

1. Administrative approval may be accorded for the Proposal for Supply, testing & commissioning of 37 no. of dual reporting RTUs with retrofitting" by replacing the existing RTUs at different Grid S/S of OPTCL at a total estimated price of Rs. 2,14,80,720.00 (Rupees Two Crore Fourteen ^{Lakh} Eighty Thousand Seven Hundred Twenty only) incl. GST and the work may be booked under 'Capital works' and shall be made from OPTCL's own fund.
2. The procurement of 37 no. of dual reporting RTUs with retrofitting may be made through open tender in view of urgent requirements.
3. Consolidated proposal of Telecom wing is to be submitted to OERC and SFC/EFC to be submitted to Govt of Odisha for funding arrangement.

CHAIRMAN-CUM-MANAGING DIRECTOR

chief
SENIOR GENERAL MANAGER (CPC)

NOTE SHEET