



TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Vidyut Soudha : : Vijayawada

ABSTRACT

APTRANSCO - Implementation of Reliable Communication system up to 132 kV SS (Phase- II) project in APTRANSCO - under 50% PSD Funding – Revised Administrative approval – Accorded- Regarding.

T.O.O. (CE-Telecom &IT) Ms. No.3164, Dt:29.02.2024.

Read the following:

ORDER:

1. An administrative approval was accorded vide T.O.O Ms.No.2557, Dt:20.09.2022 for implementation of the subject project for an amount of Rs. 104.98 Crore including Taxes, overheads, contingencies and IDC etc., duly including the PSDF sanctioned grant of Rs.43.28 Crore (which is 50% of PSDF approved cost estimate of Rs.86.56 Crore.).
2. The cost estimate prepared for the project is based on the average rates of Purchase orders which were placed during the year 2018 under the Reliable Communication Project (Phase-I) as per the directions of Techno Economic Sub-group of PSDF.
3. During Covid pandemic, there is abnormal increase in the Telecom equipment/material prices due to scarcity in chip/raw material. The estimated cost provisioned in the previous administrative approval is inadequate and needs to be revised in view of higher side of budgetary offers received from the suppliers/vendors in arriving ECV.
4. In this regard, the overall cost estimate is revised to an amount of Rs.157.65 Crore duly considering the contingencies, overheads and Interest During Construction (IDC) in execution of the Project.
5. The Ministry of Power, GoI has sanctioned a grant of Rs.43.28 Crore (50% of cost estimate i.e., Rs.86.56 Crore excluding contingencies, overheads, GST on F&I and recovering total salvage value of Rs.3.39Cr. for removed earth wire) from PSDF. APTRANSCO has to arrange for a balance amount of Rs.114.37Crore other than sanctioned grant of Rs.43.28Cr. from its resources/Financial tie-up from REC/PFC for the execution of the project. However, APTRANSCO will be approaching PSDF authorities for sanction of additional grant of Rs.19.34 Cr. to meet 50% of the revised cost estimate (Rs.128.63cr.) excluding overheads and contingencies, IDC and salvage value of the earthwire. If PSDF, will not sanction the additional grant of Rs.19.34 Cr.

that portion also shall be met from internal sources /Financial tie-up with REC/PFC.

6. The cost estimate is prepared based on the approved ECV for SDH, NMS and associated equipment, and as per the SSR 2023-24 basic rates for OPGW and associated hardware accessories.
7. After careful consideration, APTRANSCO accords approval for the above scheme i.e., “Reliable Communication System up to 132 kV SS (Phase-II)”with revised total cost of Rs.157.65 Crore as per the breakup appended in the Annexure and is to be completed within a period of 24months from the date of release of the first instalment from PSD Funds.
8. The Chief Engineer/Telecom& IT is hereby authorized to take up the works accordingly and the Chief Engineer/Transmission shall take up procurement of material and equipment under the project. The FA &CCA shall arrange for a financial tie-up from REC/PFC for the self-contribution amount (other than PSDF sanctioned grant).
9. The works are of a capital nature and the expenditure shall be capitalized. The scheme code for the project is “TL-22-01”.
- 10.All other terms and conditions specified vide T.O.O Ms.No.2557, Dt: 20.09.2022 are unaltered and holds good.
- 11.This order is issued with the resolution of the board in the 157th board meeting of APTRANSCO, Dtd:09.02.2024.

**(BYORDER AND IN THE NAME OF TRANSMISSION CORPORATION
OF ANDHRA PRADESH LIMITED)**

AKV Bhaskar

Director/Grid&Transmission Management

To

The Chief Engineer/ Telecom & IT/APTRANSCO/Vidyut Soudha/Vijayawada.

Copy to:

PS to the Chairman and Managing Director/APTRANSCO/Vidyut Soudha/Vijayawada

PS to the Joint Managing Director/HR& Admin/APTRANSCO/Vidyut Soudha/Vijayawada

PS to the Joint Managing Director/V&S/APTRANSCO/Vidyut Soudha/Vijayawada

PS to the Director/Grid & Transmission Management/APTRANSCO/VS/Vijayawada

The Chief Engineer/Transmission/APTRANSCO/Vidyut Soudha/Vijayawada.

The Chief Engineer/Visakhapatnam Zone/Visakhapatnam.

The Chief Engineer/Vijayawada Zone/Vijayawada.

The Chief Engineer/Kadapa Zone/Kadapa.

All the Chief Engineers/APTRANSCO

The FA&CCA/APTRANSCO/Vidyut Soudha/Vijayawada.

All the Superintending Engineers/APTRANSCO

ANNEXURE to T.O.O.(CE-Telecom& IT) Ms. No.3164, Dt:29.02.2024

Abstract revised Cost Estimate for Implementation of the Reliable Communication System up to 132 kV SS (Phase-II) in APTRANSCO

Sl.No.	Description	Amount in (Rs.)
	Equipment Cost	
A	Supply	
I	OPGW cable & Accessories	521148824.00
II	SDH& NMS Equipment	199457039.72
III	OPGW cable &Accessories Spares	15845355.00
IV	SDH&NMS Equipment Spares	9852380.62
	Sub-Total A (I to IV)	746303599.34
B	Erection, Testing and Commissioning	
I	OPGW cable & Accessories	309006206.00
II	SDH& NMS Equipment	12370417.02
	Sub-Total B(I to II)	321376623.02
C	Inland Freight and Insurance(@3%) on A	22389107.98
D	GST@18%on(A,B&C)	196212479.46
E	Sub-total(A to D)	1286281809.80
F	Overheads (Engg. &Administration etc.,)(@10.75%)on(E)	138275294.55
G	Contingencies(@3%on(E)	38588454.29
H	Total(E to G)	1463145558.65
I	Interest During Construction (IDC)	113338011.45
J	Grand Total	1576483570.10
	(Or say)	157.65Cr.
	(Rupees One Hundred Fifty-seven Crore and Sixty-five Lakhs only)	

AKV Bhaskar

Director/Grid & Transmission Management