

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED  
VIDYUT SOUDHA :: HYDERABAD-82.

AP Transco – Commercial - Energy Billing Centre – Procurement of AMRs for metering points and hardware & software for centralized Data Centre for accessing and analyzing the metered data from various boundary points at the Head Quarters – Sanction accorded.

T.O.O.(CE/Comml/AP Transco) Ms.No.63

Dt: 18-05-2010.

Read the following:

- Ref: 1. Note from SE/System Protection (Member Task Force) dt:27.10.2009.  
2. Note from SE/System Protection (Member Task Force) dt:23.12.2009.  
3. Note from CE/Comml/AP Transco dt:01.01.2010.  
4. Note from CE/Comml/AP Transco dt:22.01.2010.  
5. Note from CE/Comml/AP Transco dt:27.01.2010.

\* \* \*

Chief Engineer/Commercial/AP Transco vide the reference (4) cited above has submitted an estimate for Rs.4,72,86,750/- (Rupees four crores seventy two lakhs eighty six thousand seven hundred and fifty only) towards procurement of AMRs for metering points and hardware & software for Centralized Data Centre (as detailed in annexure-I) for accessing and analyzing the metered data from various boundary points, at Vidyut Soudha, Hyderabad.

After careful consideration of the proposal of Chief Engineer/Commercial/APTransco, the APTransco accorded sanction to the estimate for an amount of Rs.4,72,86,750/-(Rupees four crores seventy two lakhs eighty six thousand seven hundred and fifty only) towards procurement of AMRs and hardware & software for Centralized Data Centre vide Endt. No. 222 dt. 04.02.2010 of Chairman & Managing Director/APTransco.

The estimated cost of Rs.4,72,86,750/- (Rupees four crores seventy two lakhs eighty six thousand seven hundred and fifty only) towards procurement of AMRs and hardware & software for Centralized Data Centre is distributed among the four Discoms as detailed in annexure-II which was accepted by Chairman and Managing Directors of 4 Discoms vide note file dt:27.01.2010.

These orders are issued with the concurrence of Director (Finance & Revenue) vide Regd. No. 191, dt: 23.01.2010.

(BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED)

K.RANGANATHAM  
JOINT MANAGING DIRECTOR  
(HRD, Comml, IPC & IT) (FAC)

To  
Chief Engineer/Commercial/AP Transco,  
Vidyut Soudha, Hyderabad.

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Copy communicated to:

Chairman and Managing Director/APTransco/Vidyut Soudha/Hyderabad  
Chairman and Managing Director/APCPDCL/Hyderabad  
Chairman and Managing Director/APEPDCL/Visakhapatnam  
Chairman and Managing Director/APNPDCL/Warangal  
Chairman and Managing Director/APSPDCL/Thirupati  
Joint Managing Director/V&S/AP Transco/Vidyut Soudha/Hyderabad  
Additional Joint Managing Director/Distribution/AP Transco/Vidyut Soudha/Hyderabad  
Director(Finance & Revenue)/AP Transco/Vidyut Soudha/Hyderabad  
Director(Grid Operation)/AP Transco/Vidyut Soudha/Hyderabad  
Director(Projects)/AP Transco/Vidyut Soudha/Hyderabad  
Director(Transmission)/AP Transco/Vidyut Soudha/Hyderabad  
Director/Operation/APCPDCL/Hyderabad  
Director/Operation/APEPDCL/Visakhapatnam  
Director/Operation/APNPDCL/Warangal  
Director/Operation/APSPDCL/Thirupati

Copy to:

Chief Engineers/TL&SS/Zones/Metro Zone, Hyderabad Rural, Vijayawada, Visakhapatnam,  
Warangal, Thirupati

Chief Engineer/400 KV Construction/AP Transco/Vidyut Soudha/Hyderabad

Chief Engineer/Telecom/AP Transco/Vidyut Soudha/Hyderabad

Chief Engineer/RAC, Reforms & IT/AP Transco/Vidyut Soudha/Hyderabad – with a  
request to place the TOO in APTransco website.

FA&CCA(R&A)/AP Transco/Vidyut Soudha/Hyderabad

FA&CCA(A&E)/AP Transco/Vidyut Soudha/Hyderabad

FA&CCA(Accounts)/AP Transco/Vidyut Soudha/Hyderabad

The Superintending Engineer/EBC/ AP Transco/Vidyut Soudha/Hyderabad

// Forwarded by Order //



Divisional Engineer/ EBC-1

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**Details of various equipment required for implementing AMR Project**

Sl. No.	Centralized Data Centre at Vidtut Soudha	Qty	Unit Price	Amount in Rs.
1	Servers of HP/Compaq/IBM make	2	15,00,000	30,00,000
2	Oracle Database Software	1	7,05,000	7,05,000
3	Windows Server Software	1	40,000	40,000
4	CAL for windows Server	5	2,000	10,000
5	UPS-3 KVA including Batteries	2	90,000	1,80,000
6	Work Station with High Memory (Hard Disk)	1	75,000	75,000
7	Work Stations	4	50,000	2,00,000
8	Laser printer	2	1,50,000	3,00,000
9	Data Acquisition software & Java based application for reporting purpose	LS	30,00,000	30,00,000
10	GPRS SIM cards for AMRs & dedicated Band width for data acquisition at Data Center	LS	4,00,000	4,00,000
11	Operation & Maintenance of entire AMR system for 2 years	LS	10,00,000	10,00,000
			<b>Total</b>	<b>88,10,000</b>
	<b>Items Required at Metering point</b>	<b>Qty</b>	<b>Unit Price</b>	<b>Amount</b>
12	GPRS based intelligent AMR	1800	10,000	1,80,00,000
13	Installation at site testing and commissioning of the AMR Hardware and interfacing with Data center	1800	10,000	1,80,00,000
			<b>Total</b>	<b>3,60,00,000</b>
14	Electrical & Civil Works	LS	2,00,000	2,00,000
15	Data cabling at Data center	LS	25,000	25,000
			<b>Total</b>	<b>2,25,000</b>
	<b>Total from 1 to 15</b>			<b>4,50,35,000</b>
16	Unforeseen items 5% of total			22,51,750
	<b>Grand total</b>			<b>4,72,86,750</b>

(Rupees four crores seventy two lakhs eighty six thousand seven hundred and fifty only)

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**DIVISIONAL ENGINEER-I/P&MM**

All Divisional Engineers/Executive Engineers

**Annexure – II to T.O.O.(CE/Comm/APTransco) Ms. No. 63 dt. 18.05.2010**

**Statement showing distribution of estimated cost among the Discoms**

S.No.	Description	Discom	Estimated cost in Rs.
1	Implementation of AMR Project	CPDCL	1,58,21,830.00
2.		EPDCL	95,99,678.00
3.		NPDCL	88,27,161.00
4.		SPDCL	1,30,38,081.00
		<b>Total</b>	<b>4,72,86,750.00</b>

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Pay Officer / Vidyut

Resident Audit Offic