



**GOVERNMENT OF ANDHRA PRADESH**  
**WATER RESOURCES DEPARTMENT**  
**(APSW)**

**1<sup>st</sup> World Bank Mission Meeting**  
**NATIONAL HYDROLOGY PROJECT**



**WORLD BANK GROUP**

**17<sup>TH</sup> & 18<sup>TH</sup> AUGUST, 2017**  
**BENGALURU**

**Chief Engineer, Hydrology**  
**Water Resources Department**  
**Vijayawada, Andhra Pradesh**



# State Project Monitoring Unit



Sl.No.	Name	PMU Role
1	Sri. Shashi bhushan Kumar, Secretary, WRD	Project Coordinator (SW & GW)
2	Sri. M Venkateswara Rao, Engineer in Chief	State Nodal Officer
3	Sri. Ch. Sivarama Prasad, Chief Engineer	Nodal Officer (SW)
4	Sri. N.V. Ramana, Superintending Engineer	Superintending Officer
5	Sri. R. V. Prakash, Executive Engineer	Accounts Officer / DDO
6	Smt. T. Nagalakshmi, Executive Engineer	Sr. Water Management Expert
7	Sri. K. Chandrasekhar, Dy Exe Engineer	Hydrologist, Procurement Officer
8	Sri. M.V.N. Haragopal, Dy Exe Engineer	Procurement Expert, (Instrument/IT Related )
9	Sri. Ch. Sreenivasulu, Dy Exe Engineer	Procurement Expert (Goods & Consultancy),
10	Sri. M.V.S.K. Renuka Prasad, Asst Exe Engineer	Modeler, MIS Expert
11	Smt. K.N.L.Jayasri , Asst Exe Engineer	IT/WEB Expert, GIS Expert
12	Smt. V.Snehalatha , Asst Exe Engineer	Database Management Expert
13	Sri.S.Rangaswamy , Asst Exe Engineer	Hydromet Instrumentation Expert



# Funds Received & Expenditure



Funds received for the year 2016-17	: Rs. 83.05 Lakhs
Interest accrued till June 2017	: Rs. 1.24 Lakhs
Total	: Rs. 84.29 Lakhs
Expenditure incurred so far (till date)	: - NIL -
Funds Received for the year 2017-18	: - NIL -



# Major Procurement - PIP



Item Code	ItemName	Amount in Lakhs
A1.1.01	RTDAS (Hydromet Equipment) for Andhra Pradesh	922.00
A2.2.01	Modernization of Estern, Central & Western Delta Canal Head Regulator Gates with SCADA System	341.00
A1.6	Water Quality Lab Equipment	282.95
A3.3.01	Furnishing State Data Centers with Non-ICT equipment	200.00
A3.4.01	Purchase of ITC Equipments, Cloud Computing & Training equipments etc - Lumpsum Provision, Procurement of Servers, and associated IT Equipment along with network	200.00
A1.8.01	River Cross-section Surveys using ADCP and taking readings for 38 Upgraded HP GD Stations 30 APSDPS Stations	176.40
A3.4.03	Procurement of Servers, and associated IT Equipment along with network	120.00



# Major Procurement – PIP cont..



Item Code	ItemName	Amount in Lakhs
B2.1.01	Continuous monitoring of established Website and Regional WRIS	109.20
C1.1.01	Development of IWRM system for Krishna & Godavari River basin in AP	400.00
C2.3.02	Updating Level, Area and Capacity Tables using Laidar and Bathometric Surveys for Identified reservoirs	330.00
C1.3.01	Study on behavior of flooding due to irrigation drains	230.00
C2.3.03	Hydrological assessment of un gauged catchments	100.00



# Major Procurement – AWP 2016-17



Item Code	ItemName	Amount in Lakhs
A3.5.01	GIS software	40.00
A3.4.01	Purchase of ITC Equipments, Cloud Computing & Training equipments etc - Lumpsum Provision	20.00



# Major Procurement – AWP 2017-18



Item Code	ItemName	Amount in Lakhs
A1.1.01	RTDAS (Hydromet Equipment) for Andhra Pradesh	335.00
A1.6	Water Quality Lab Equipment	105.95
A3.4.01	Purchase of ITC Equipments, Cloud Computing & Training equipments etc - Lumpsum Provision	35.00
C1.1.01	Development of IWRM system for Krishna & Godavari River basin in AP	50.00
C2.3.02	Updating Level, Area and Capacity Tables using Laidar and Bathometric Surveys for Identified reservoirs	25

Item Code	Item Name	Completed	Process underway	Proposed
A3.5.01	GIS software		✓	
A3.4.01	Purchase of ITC Equipments, Cloud Computing & Training equipments etc - Lumpsum Provision		✓	
A1.1.01	RTDAS (Hydromet Equipment) for Andhra Pradesh		✓	
A1.6	Water Quality Lab Equipment		✓	
C1.1.01	Development of IWRM system for Krishna & Godavari River basin in AP		✓	
C2.3.02	Updating Level, Area and Capacity Tables using Laidar and Bathometric Surveys for Identified reservoirs			✓





# Bid Document - Status



Item Name	Floated	Ready to be floated	Under Preparation
Bid Document for The Supply, Installation, Testing, Commissioning and Maintenance of Real Time Data Acquisition System (RTDAS) in Andhra Pradesh		✓	
Water Quality Lab Equipment procurement			✓
Procurement of AC's for SDC and DDCs, Procurement of Software (ARCGIS), Furnishing of DDC and SDC with ICT equipment, procurement of inspection vehicles are all under National Shopping Procedures are planned to float in September 2017.		✓	

**Note:**

1. RTDAS Bid Document is under final review and ready to be floated
2. Specifications proposed Water Quality Lab equipment were sent to NPMU for their review



# Studies /PDS - Status

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Modalities of Proposed Purpose Driven Studies are in process and yet to be finalized.

Planning to commence the PDS in the 4<sup>th</sup> Quarter of this Financial Year



# eSWIS- Status

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Yet to initiate the process



# Hydromet Stations - Status



Review and Reconciliation of existing and proposed Hydro meteorological stations with Chief Engineer, Regional CWC Office has been completed.

Final List:-

S.No.	Type of Hydromet sites	Existing locations proposed for upgradation	Newly Proposed sites	Total
1	RIVER WATER LEVEL RECORDERS (@ GD sites)	36	16	52
2	RESERVOIR WATER LEVEL RECORDERS	2	5	7
3	AUTOMATIC WEATHER STATIONS	3	13	16



MOA -AP State & NRSC



- Andhra Pradesh Water Resources Information and Management System (APWRIMS)
- It is a collaborative project with NRSC /ISRO
- NRSC will provide Support in getting spatial data & Technical Aspects



# PFMS - Status



- AP Surface Water registered and created the Login ID & Password in PFMS
- Will start populating the data based on the progress of the project



# Any Other Issues



- Request WB / NPMU to finalize the specification for hydromet equipment and Water Quality Lab equipment and share the same with IAs.
- INSAT / VSAT Communication system specifications and protocols need to be shared with IAs
- Awaiting ARC GIS rate contract from NPMU

- ✓ State Level Procurement committee (SLPC) meeting planned in last week of August for finalizing the rates and specifications of Identified procurement Items
- ✓ Proposed to complete the shopping in government e market place (GeM) in the month of September after obtaining approval from SLPC
- ✓ The Quarter wise anticipated expenditure in this FY is shown below

Component	Q1	Q2	Q3	Q4	Total
A		94.7	239.55	77.75	412
B		1.25	5	21.25	27.5
C		6.5	15.5	66	88
D		6.75	33.4	50.64	90.79
<b>Grand Total</b>		<b>109.2</b>	<b>293.45</b>	<b>215.64</b>	<b>618.29</b>



