

Module 1

Management Information System (MIS Software)



NATIONAL HYDROLOGY PROJECT

GOVERNMENT OF INDIA, MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RD & GR

PROJECT OBJECTIVE



Strengthening of national and sub-national water information centres through standardization of databases and strengthening of national and sub-national water information centres WRIS's.



Establishment/modernization of new and existing hydromet monitoring systems and construction of hydro-informatics centres that capture both water resources and uses.

Development of analytical tools and decision-support platform (river basin modelling, stream flow forecasting and reservoir operation systems, and irrigation design and operations).

Building capacity for knowledge-based water resources management. It will support establishment of:

- (i) Water resources knowledge centres
- (ii) Professional development
- (iii) Project management
- (iv) Operational support

TODAY'S SESSION



Key functionalities of the NHP website


- ☐ Tender Section
- ☐ Registration Section (Training/Workshop)
- ☐ Grievance
- ☐ Resources
- ☐ Others

KEY FOCUS PIP & AWP IN MIS


- ☐ PIP Implementation Plan
- ☐ AWP Creation & Modification
- ☐ AWP provision for ongoing activities
- ☐ Actions from IA's end on AWP
- ☐ Actions from NPMU's end on AWP

NHP – WEBSITE






भारत सरकार
GOVERNMENT OF INDIA




जल शक्ति मंत्रालय
MINISTRY OF JAL SHAKTI




जल संसाधन, नदी विकास और कृषि संरक्षण विभाग
DEPARTMENT OF WATER RESOURCES, RD & GR

[SKIP TO MAIN CONTENT](#)



WORLD BANK




NATIONAL HYDROLOGY PROJECT
राष्ट्रीय जल विज्ञान परियोजना

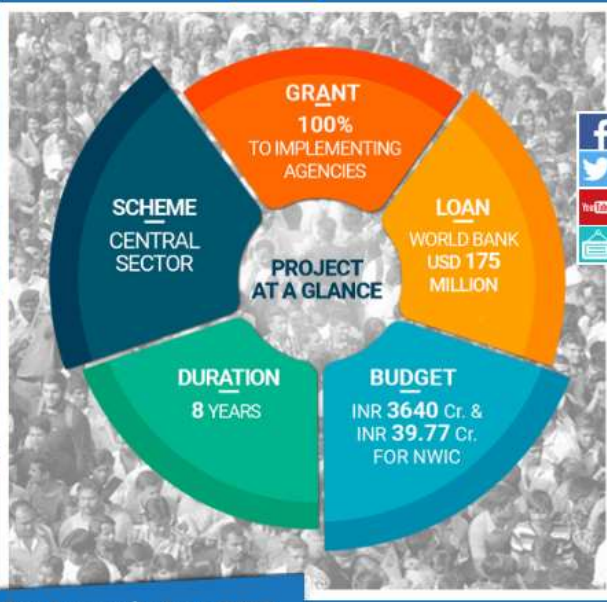
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Launching of India WRIS portal for Water Resources Information System under NHP
July 30, 2019




PROJECT AT A GLANCE


- GRANT**
100% TO IMPLEMENTING AGENCIES
- LOAN**
WORLD BANK USD 175 MILLION
- BUDGET**
INR 3640 Cr. & INR 39.77 Cr. FOR NWIC
- DURATION**
8 YEARS
- SCHEME**
CENTRAL SECTOR




FINANCIAL PROGRESS




FUND UTILIZATION




PROCUREMENT PLANNING




EVENTS




TRAINING CALENDAR



HYDROMET STATIONS



WORLD BANK MISSION



CATALOGUE

Top Agency in June, 2020

STATE - Uttar Pradesh GW
NORTH EAST - Meghalaya
CENTRAL - Survey of India (SOI)

TRAINING – PROFILE REGISTRATION



SEARCH USER PROFILE

 <input type="text" value="Mobile Number"/>	OR	 <input type="text" value="PAN Number"/>	<input type="button" value="Search"/>
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About 3 results

[6th International Distance Learning Course in Basic Hydrologic Sciences for Asian Region \(WMO RA-II\)](#)

(27/07/2020 - 11/09/2020)

6th International Distance Learning Course in Basic Hydrologic Sciences for Asian Region (WMO RA-II) being organized by the National Water Academy (NWA) in association with World Meteorological Organization (WMO) As you may be aware that NWA is a component of Regional Training Centre of WMO and it regularly conducts Distance Learning (DL) Programs in association with WMO. 6th International Distance Learning Course in Basic Hydrologic Sciences for Asian Region (WMO RA-II) is proposed to be organized by the National Water Academy (NWA) in association with World Meteorological Organisation (WMO) during 27 July – 11 September 2020.

Webinar Learning :

 Duration: 47 days  Registered Participants till date: 37  Event Type: National

Venue - Online being Organised by NWA (Pune)

[Weekly Hands-on Training on WIMS \(Data Entry and Q&A\)](#)

(09/07/2020 - 09/07/2020)

WIMS is a web-based open-source software system for managing data validator, data processing, storage etc. for Surface Water and Ground Water Resources To strengthen the capacity of IA's staff on effective use and management of WIMS

Webinar Learning :

 Duration: 1 days  Registered Participants till date:  Event Type: National

Venue - Webinar

[Weekly Hands-on Training on WIMS \(Data Entry and Q&A\)](#)

(16/07/2020 - 16/07/2020)

WIMS is a web-based open-source software system for managing data entry, primary data validation, data processing, storage etc, for Surface Water and Ground Water Resources To strengthen the capacity of IAs team on effective and better management of WIMS data system

Webinar Learning :



Available Trainings

TRAINING – PROFILE REGISTRATION



PROFILE REGISTRATION ALL (*) Fields are Mandatory

* Full Name <input type="text" value="Full Name"/>	* PAN No <input type="text" value="PAN Number"/>	* Mobile No <input type="text" value="10-digit Mobile Number"/>	Alternate Mobile No : <input type="text" value="Alternative Mobile Number"/>
* Date of Birth <input type="text" value="Date of Birth"/>	* Gender <input type="text" value="--Select Gender--"/>	* Age <input type="text" value="Age"/>	Academic Qualification <input type="text" value="--Select Academic Qualification--"/>
* Email ID <input type="text" value="Email ID"/>	Alternate Email ID <input type="text" value="Alternative Email ID"/>	* Agency Name <input type="text" value="--Select Agency--"/>	* State (Office) <input type="text" value="--Select State--"/>
* Date of Appointment in Service <input type="text" value="Date of Appointment in Government Ser"/>	Present Sector <input type="text" value="Present Sector"/>	* Subject <input type="text" value="--Select Subject--"/>	* Designation <input type="text" value="--Select Designation--"/>
* Pin Code (Office) <input type="text" value="Office Pin Code"/>	* Office Address <input type="text" value="Office Address"/>	* Is SPMU Staff <input type="text" value="--Are you SPMU Staff--"/>	



One time Registration

TRAINING REGISTRATION



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Amlan Sarkar
amlan2472@hotmail.com

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	#	Event Name	Start Date	End Date	Event Type	Event Spread	Registration (Till Date)	Duration (In days)	Venue
Register	1	6th International Distance Learning Course in Basic Hydrologic Sciences for Asian Region (WMO RA-II)	27/07/2020	11/09/2020	Webinar Learning	National	37	47	Online being Organised by NWA (Pune)
Register	2	Weekly Hands-on Training on WIMS (Data Entry and Q&A)	09/07/2020	09/07/2020	Webinar Learning	National		1	Webinar
Register	3	Weely Hands-on Training on WIMS (Data Entry and Q&A)	16/07/2020	16/07/2020	Webinar Learning	National	1	1	Webinar



Intimation through Mail/SMS

TENDER AWARD



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MIS Login

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Agency :

Rajasthan

Show 10 entries

Search:

LOA Issuance Date	Contract Signing Date	Package No	Package Name	Amount (In Rs)	Name of Consultant/ Supplier/ Contractor
2020-06-23	2020-06-23	NHP-2020-2021-RJ-433237	Manual SRG (2020-21)	297360	Rehman Overseas,,,
2020-05-07	2020-06-08	NHP-2019-2020-RJ-801777	Civil works for construction of state data center	13126963	M/s Om Prakash Kedia,,,
2020-04-30	2020-04-30	NHP-2019-2020-RJ-522117	Procurement of DG set for state data center	890000	SANSKAR ENGINEERS,,,
2020-03-20	2020-03-20	NHP-2018-2019-RJ-310415	Fire fighting system	88594	DM international,,,
2020-03-13	2020-06-04	IN-RAJASTHAN -152742-GO-RFB	Lab equipments for Material testing lab	6916183	Hydraulics & Engineering Instruments,,,
2020-03-12	2020-03-12	NHP-2018-2019-RJ-760627	Regional Data center-Kota	493910	Shree Balaji Infrastructure,S K Furniture,Balaji Softech,S K Furniture,
2020-02-06	2020-02-24	NHP-2018-2019-RJ-632856	DWLR with telemetry GSM	14835000	Engineers and Environmental U.P (JV) Hydro Flowtech Engineer,,,
2020-01-06	2020-01-06	NHP-2018-2019-RJ-716078	Regional Data center-Udaipur	482710	HIND ELETRICALS & MACHINERY EMPORIUM,NAV NIRMAN

Updated from Procurement Milestones Module

TENDER AWARD - MILESTONE



Select Procurement Package :

NHP-2018-2019-WBGW-158474-Procurement of Water Quality Equipment for Labs

Help File

Package No	NHP-2018-2019-WBGW-158474	Package Name	Procurement of Water Quality Equipment for Labs		
Package Type	Goods	Package Method	Shopping	Procurement Process	Double Envelope
Estimated Amount	₹27,43,000.00	Planned Start Date	9/1/2018 12:00:00 AM	Activity Status	Approved
Description					
STEP Status	&NBSP;				

Milestones /Particulars	Planned Dates	Actual Dates
Date of Bid Floating	08-09-2018	13-11-2019
Date of Pre Bid Meeting	08-09-2018	13-11-2019
Date of Bid Submission	29-09-2018	25-11-2019
Date of Technical Opening	29-09-2018	25/11/2019
Date of Technical Evaluation	13-10-2018	09/12/2019
Date of Financial Opening	27-10-2018	11/12/2019
Bid Evaluation Report and Recommendation	10-11-2018	11/12/2019
Date of LOA Issuance	24-11-2018	03/01/2020
Signing of Contract	15-12-2018	31/12/2019
Actual Contract Amount (in Rs.)	1884434.00	
Consultant / Contractor / Supplier Name	Bharati Chemicals & Scientific works	Lot Amount (in Rs.) 1884434.00

Milestone Module

TENDER ANNOUNCEMENT



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Active Bids

14

Opening Today

0

Closing Today

1

Closing in next 7 days

3

View Archive

Show 10 entries

Search:

Publish Date	Bid ref No	Description	Office Inviting Tender	Office Email Id	Tender Ref No	URL	Bid Sale Start Date	Bid Sale Closing Date	Bid Closing Date	Bid Opening Date
2020-07-13	NHP/TSGW/2020-21/Works/9949	Construction of 697 piezometers (borewells & tubewells) monitoring network with protection works in Telangana State	Office of Director, Ground Water Department, Govt of Telangana	hp.gwd-ts@gov.in	NHP/TSGW/2020-21/Works/9949	View	13/07/2020 05:00 PM	28/08/2020 03:00 PM	28/08/2020 03:00 PM	28/08/2020 03:30 PM

Updated from Tender Management Module

TENDER MANAGEMENT



Add/Update Tender Details

Bid Ref No:

Office Inviting Bids:

Date and Time of Sale of Bid Document:

Day ▼ / Month ▼ / Year ▼ Time : 00:00 ⌚

Bid Submission Date and Time:

Day ▼ / Month ▼ / Year ▼ Time : 00:00 ⌚

Tender Ref. No (from e-Procurement Portal):

Procurement Package:

--Please Select Procurement Package-- ▼

Bid Description:

Bid Publish Date:

Day ▼ / Month ▼ / Year ▼

Last Date and Time of Sale of Bid Document:

Day ▼ / Month ▼ / Year ▼ Time : 00:00 ⌚

Bid Opening Date and Time:

Day ▼ / Month ▼ / Year ▼ Time : 00:00 ⌚

URL of e-Procurement Portal:

Cancel

SAVE



Module for updation of tender details

GRIEVANCE TRACKING



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Total

14



Redressed

11



Pending

3

GRIEVANCE TRACKING

* Fields are mandatory

* Grievance ID

[Submit](#)

GRIEVANCE REGISTER



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NEW GRIEVANCE

* Fields are mandatory

* Subject

Subject

* Grievance Type

--Select Grievance Type--

* Grievance Addressed To

--Select Grievance Addressed To--

* Complainant Name

Complainant Name

* Email

Email

* Mobile

Mobile

Phone

Phone

* Address

Address

* Grievance Description

Grievance Description

Supported Document (PDF/ JPG/ PNG Only)

[Choose File](#) No file chosen

18C65A

Enter Verification Code

[Submit](#)

[Cancel](#)

APPEAL AGAINST GRIEVANCE



APPEAL GRIEVANCE

* Fields are mandatory

* Grievance ID

Previous Grievance ID

* Subject

Subject

* Appeal Type

--Select Appeal Type--

* Appeal Addressed To

--Select Appeal Addressed To--

* Full Name

Full Name

* Email

Email

* Mobile

Mobile

Phone :

Phone

* Address

Address

* Reason for Appeal/ Appeal Description :

Reason for Appeal/ Appeal Description

Supported Document(PDF/ JPG/ PNG Only)

Choose File No file chosen

2A1B00

Enter Verification Code

Submit

Reset

MIS FEATURES

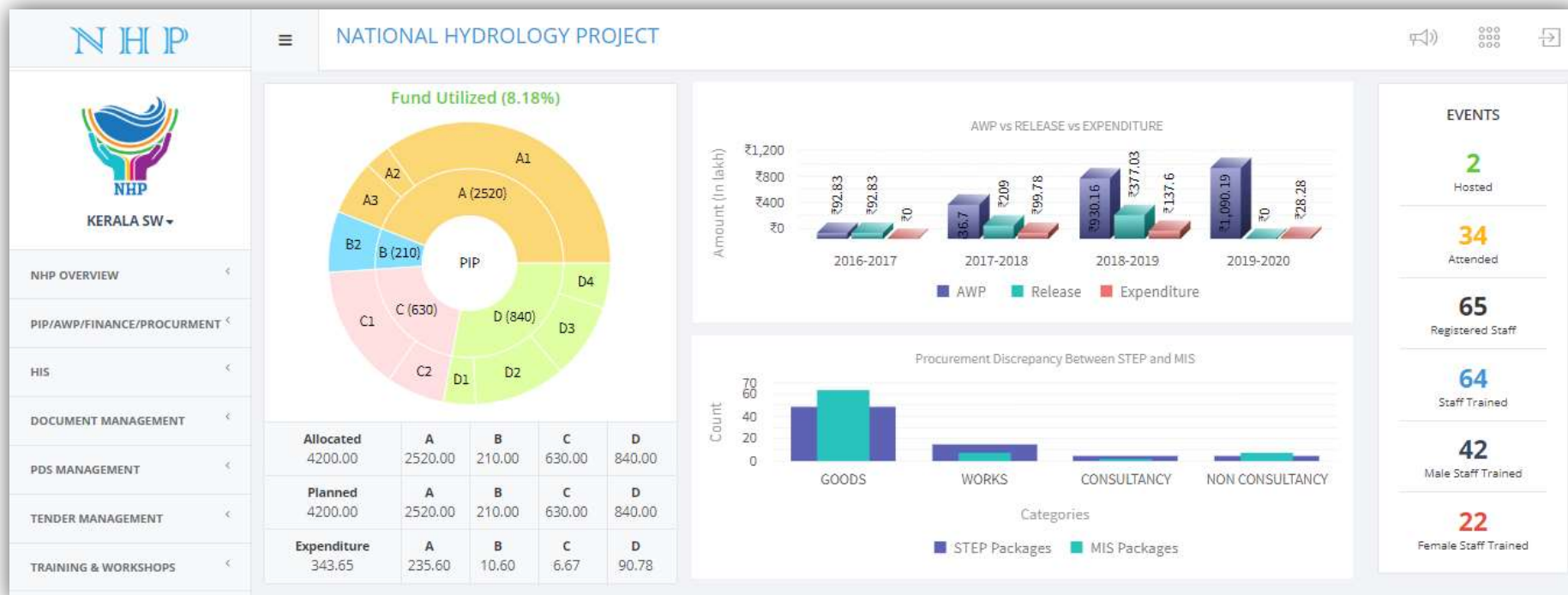


- ☐ Project Dashboard
- ☐ Finance Management
- ☐ Procurement Management
- ☐ Hydrological Information System Management
- ☐ Document Management
- ☐ Purpose Driven Study (PDS)
- ☐ Tender Management
- ☐ Training & workshop Management
- ☐ Audit
- ☐ Event Management
- ☐ Reports
- ☐ Help/ Manuals

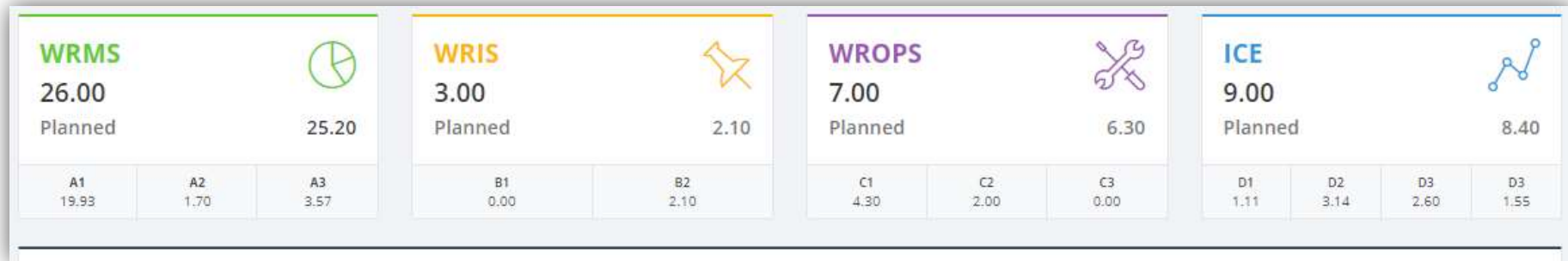


KERALA SW ▾	
NHP OVERVIEW	<
PIP/AWP/FINANCE/PROCUREMENT <	
HIS	<
DOCUMENT MANAGEMENT	<
PDS MANAGEMENT	<
TENDER MANAGEMENT	<
TRAINING & WORKSHOPS	<
HYDROMET MANAGEMENT	<
PMU STAFF MANAGEMENT	
AUDIT	
EVENT & GALLERY MANAGEMENT <	
WORLD BANK MISSION	<
REPORTS	<
HELP/ MANUAL	<

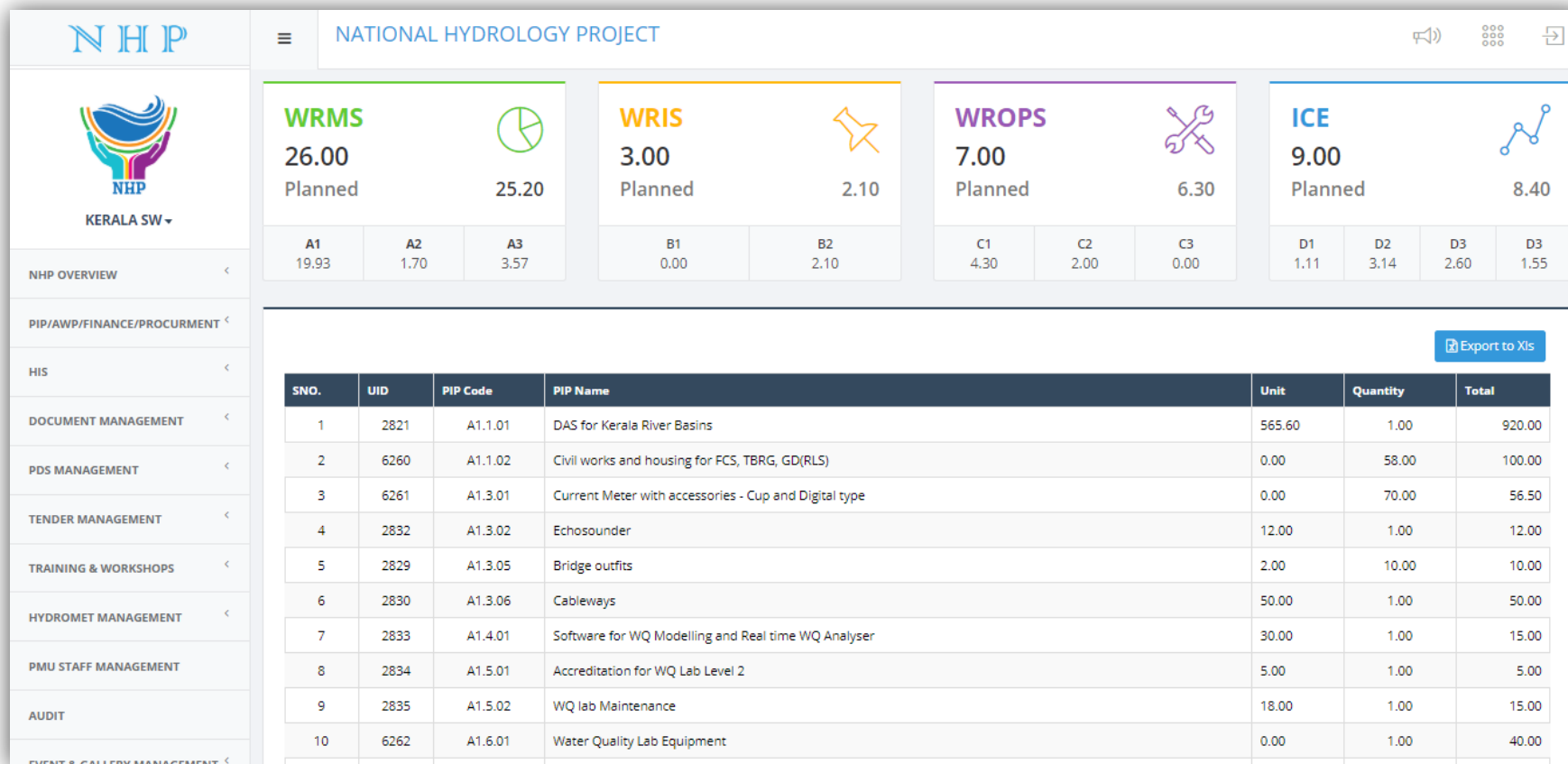
AGENCY DASHBOARD



- ☐ Project Implementation Planning (PIP) Management
- ☐ Annual Work Plan (AWP) Management



FINANCE – PROJECT IMPLEMENTATION PLAN



Updated by NPMU/TAMC Team

FINANCE – ANNUAL WORK PLAN CREATION



Components :

--Please Select Component Type--



Sub Components :

--Please Select Sub Component--



PIP Activity :

--Please Select PIP Activity--



PIP SUB Activity :

--Please Select SUB PIP Item--



PIP Item :

--Please Select PIP Item--



Sanctioned Amount: (in Lacs.)

Expenditure till date (in Lacs.)

Balanced Amount: (in Lacs.)

Activity Name:

Activity Type :

Please Select Activity Type



Master Type :

Please Select Procurement Type



Expenditure Method:

Please Select Expenditure Method



Expenditure Type:

Please Select Expenditure Type



Quantity:

Is this Activity part of Previous Procurement Package?

Please Select



Select Procurment Package :

Please Select Procurement Package



Amount Price (in Lacs):

Remarks:

Cancel

SAVE

FINANCE – ANNUAL WORK PLAN



Components :

A-Water Resource Monitoring and Data Acquisitio ▼

Sub Components :

A1-Establishment of Hydromet Observation Netw ▼

PIP Activity :

A1.1-Real Time Data Acquisition System (RTDAS) fi ▼

PIP SUB Activity :

A1.1.01-Supply & Installation of RTDAS ▼

PIP Item :

2821-DAS for Kerala River Basins ▼

Sanctioned Amount: (in Lacs.)

1200.00

Expenditure till date (in Lacs.)

112.59

Balanced Amount: (in Lacs.)

1087.41

ID.	ITEM NAME	QUANTITY
13	ARG	<input type="text"/>
16	AWLR (RADAR, Bubbler, Ultrasonic, Shaft encoder)	<input type="text"/>
17	AWS	<input type="text"/>
20	Benchmark and RL surveys	<input type="text"/>
27	Civil works & Housing for AWS, ARG, AWLR, Snow Gauge/Pillow, Velocity sensor	<input type="text"/>
50	Datalogger	<input type="text"/>
97	GSM/ GPRS	<input type="text"/>
111	INSAT	<input type="text"/>
130	O&M	<input type="text"/>

Create Plan according to available PIP balance amount

FINANCE – ANNUAL WORK PLAN



Components : --Please Select Component Type--	Sub Components : --Please Select Sub Component--	PIP Activity : --Please Select PIP Activity--
PIP SUB Activity : --Please Select SUB PIP Item--	PIP Item : --Please Select PIP Item--	
Sanctioned Amount: (in Lacs.) <input type="text"/>	Expenditure till date (in Lacs.) <input type="text"/>	Balanced Amount: (in Lacs.) <input type="text"/>
Activity Name: <input type="text"/>	Activity Type : Ongoing Activity	Master Type : --Please Select Master Activity--
Expenditure Method: Please Select Expenditure Method	Expenditure Type: Please Select Expenditure Type	Quantity: <input type="text"/>
Is this Activity part of Previous Procurement Package? YES	Select Procurment Package : --Select Package--	
Amount Price (in Lacs): <input type="text"/>	Remarks: <input type="text"/>	

Cancel

SAVE

Packages require more than one Financial Year to get implemented require AWP provision in subsequent Financial Year.

FINANCE – ANNUAL WORK PLAN



205	Velocity Sensor
211	VSAT
231	Snow Pillow
232	Snow Gauge
10247	Training of RTDAS
10248	Gate Sensor
10249	RTDAS related IT equipment except Server / Computer

Activity Name:

Expenditure Method:

Please Select Expenditure Method

Is this Activity part of Previous Procurement Package?

YES

Amount Price (in Lacs):

Remarks:

--Select Package--

IN-KERALA SW-20508-GO-RFQ-NHP - Procurement of Computers, printers and UPS

IN-KERALA SW-20846-GO-RFQ-Procurement of Bridge outfit

IN-KERALA SW-29071-GO-RFQ-NHP- Procurement of Water Quality Lab Equipment for Level II Lab

IN-KERALA SW-29081-GO-RFQ -NHP- Procurement of Automatic Level under Hydrology Division Chengannur

IN-KERALA SW-29244-GO-RFQ-NHP- Procurement of Water Quality Lab Equipment for level I Labs 2016-17 and 2017-18. Pri

IN-KERALA SW-39108-CW-RFQ-NHP- Protection of Kurumali River Gauge station

IN-KERALA SW-39111-CW-RFQ-NHP- Protection of Aloor River Gauge station

IN-KERALA SW-39114-CW-RFQ-NHP - Fencing work of Payyavoor rain gauge station

IN-KERALASW-171957-CS-LCS-Establishment and Operation of Forecasting System in flood prone areas

NHP-2018-2019-KLSW-116419-Development of spatial river basin information system including thematic maps etc. includir

NHP-2018-2019-KLSW-129041-Procurement of staff gauge

NHP-2018-2019-KLSW-132545-Current Meter with accessories- Cup Type

NHP-2018-2019-KLSW-199461-Upgradation of Training Centre, Thrissur

NHP-2018-2019-KLSW-233047-Arc GIS softwares & related Extensions,

NHP-2018-2019-KLSW-245127-Water quality Analyser - Portable type equipment

NHP-2018-2019-KLSW-266968-Procurement of IT Equipment for data centres (Lap top computers -3 Nos and Work station-

NHP-2018-2019-KLSW-307622-DAS for Kerala River Basins

NHP-2018-2019-KLSW-359907-Equipment for PDS Study- Measurement of Discharge using image processing techniques

NHP-2018-2019-KLSW-428087-Water Quality Lab Equipment for Level II Lab including PDS

--Select Package--

Cancel SAVE

Link previous package with current year AWP provision

FINANCE – ANNUAL WORK PLAN



KERALA SW

- NHP OVERVIEW
- PIP/AWP/FINANCE/PROCUREMENT
- HIS
- DOCUMENT MANAGEMENT
- PDS MANAGEMENT
- TENDER MANAGEMENT
- TRAINING & WORKSHOPS
- HYDROMET MANAGEMENT
- PMU STAFF MANAGEMENT
- AUDIT
- EVENT & GALLERY MANAGEMENT
- WORLD BANK MISSION

Annual Work Plan(AWP) *Now!* *Help*

TARGET 15.46	PLANNED 10.90	RELEASED 0.00	EXPENDITURE 3.44
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WRMS

0
Planned

6.87

A1 5.73	A2 0.00	A3 1.14
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WRIS

0
Planned

0.20

B1 0.00	B2 0.20
------------	------------

WROPS

0
Planned

2.59

C1 1.95	C2 0.64	C3 0.00
------------	------------	------------

ICE

0
Planned

1.23

D1 0.40	D2 0.20	D3 0.43	D3 0.20
------------	------------	------------	------------

Financial Year : 2019-2020

Approved ☒ Declared ☒ New Activity ☒ Ongoing Activity ☒ Master Activity ☒

	SNO.	PIP Component	AWPID	UID	Activity Name
	1	A1.1.01	9698	2821	DAS for Kerala River Basin
	2	A1.1.01	9373	2821	Procurement of ADCP
	3	A1.1.02	9413	6260	Civil works including housing RTDAs and establishing Bench Marks in RTDAS sites

Amount	Exp Type	Exp Method	Remarks
44.50	Quantity	Procurement	
400.00	Lumpsum	Procurement	
48.10	Lumpsum	Procurement	

Export to Xls

Remarks

ACTIONS AT DIFFERENT LEVEL



ACTION AT AGENCY END

- ☐ Check the availability of fund in PIP
- ☐ Create Annual Work Plan (AWP)
- ☐ Review the Plan
- ☐ Submit



ACTION BY NPMU

- ☐ Review of Annual Work Plan submitted by IAs
- ☐ Approval by NPMU
- ☐ Updation in the MIS

THANK YOU