

Proceedings of the 12th Project Technical Cell Meeting of KWDP-II (Sujala-3) held on 16.09.2017 at Watershed Development Department, Bangalore

Presided by Sri, Rajiv Ranjan IFS, Chairman, Project Technical Cell, Sujala-3 and Commissioner, Watershed Development Department.

Details of Members present is placed in Annexure.

Project Director, KWDP-II (Sujala-3) welcomed the Chairman and the members for the Project Technical Cell meeting. The Agenda were placed before the members and the Chairperson initiated the discussions on agenda and decisions were taken as below.

Agenda No.1	Confirmation of the Proceedings of the 11th PTC meeting held on 28.06.2017
	Proceedings of the 11 th PTC meeting held on 28.06.2017 is furnished for information. The proceedings were communicated to all the members of the PTC. No comments were received from the members and hence it may please be confirmed.
	The copies of the proceedings were circulated to all the members and no comments were received. The committee confirmed the proceedings.

Agenda No.2	Action taken on the proceedings of the 11th PTC meeting held on 28.06.2017		
Sl. No.	Agenda	Decision	Action taken
1	Physical & Financial progress of the project	Committee deliberated and noted the physical and financial progress of the project in detail and directed to recheck the physical progress of UAS-Raichur and UAHS-Shivamogga with the concern institutes. The Chairperson directed to take action to release the funds to the project districts to take up the project activities.	Rs.1562.00 lakhs funds released to project districts during 2017-18.
2	Approval for supply of CHNS and TOC Analyzers for Partner Agencies	The committee deliberated about the process of selection of the agencies in detail and approved the issue of notification to M/s Swan Environmental South Pvt. Ltd. for supply of TOC analyzer and recommended to get the approval of PPMU and PEC for issue of notification to M/s Elementar Analysen Systeme, GmbH, Germany represented by M/s Elemetar India Pvt. Ltd. for supply of CHNS analyzer. As the bid validity will be expiring on 04.07.2017, the Chairperson directed to get the approval of Chairman, PEC in the file and place before next PEC for ratification.	Approval of Chairman, PEC obtained in the file and the subject was ratified by the 9 th PEC meeting held on 17.08.2017. The work order issued to the selected agency and supply of equipments is under process.

3	Approval for issue of letter of acceptance for procurement of consultancy firm for MEL&D work under KWDP-II (Sujala-3)	The detailed process of selection of consultancy firm for MEL&D work under KWDP-II (Sujala-3) was presented before the committee. The committee deliberated in detail and recommended to get the approval of PPMU for issue of letter of acceptance to M/s The Energy and Resources Institute, Bengaluru in this regard. The Chairperson directed to inform the World Bank regarding the progress of the tender process.	The subject was ratified in the 7th PPMU meeting held on 07.07.2017. M/s. TERI entrusted with MEL&D works and Monitoring works are initiated in the field.
4	Constitution of Technical Advisory Committee for establishment of Digital Library, Geo Portal and Decision Support system.	The committee discussed in detail and approved the constitution of the Technical Advisory Committee and recommended to invite Dr. Rajesh N.L. Asst. Professor, UAS-Raichur and Dr. Mukund Patil, Senior Scientist, ICRISAT as permanent invitees for the committee meetings as they involved in the preparation of ICB document. Since, the pre-bid meeting of the ICB tender is scheduled on 04.07.2017, the Chairperson informed to call the meeting of the Technical Advisory Committee on 03.07.2017.	The first meeting of the Technical Advisory Committee held on 03.07.2017 and the pre-bid meeting of the ICB tender held on 04.07.2017. ICB Tender opened on 08.09.2017 and the next meeting of the committee is scheduled on 15.09.2017 for technical evaluation.
The committee reviewed the action taken report on the 11th PTC meeting proceedings in detail and confirmed.			

Agenda No.3	Physical & Financial progress of the project									
The last PTC meeting held on 28.06.2017 the progress achieved from then is given below.										
1. <u>Physical Progress: (up to 31.08.2017)</u>										
• LRI Studies:										
SI. No.	Particulars		NBSS & LUP	UAS B	UAS D	UAS R	UHS B	UAHS S	Total	
1	No. of micro watershed s - LRI completed	Target		300	371	400	360	300	200	1931
		Ach.	Upto 31.05.17	278	198	353	183	108	32	1152
			Upto 31.08.17	297	228	400	217	123	47	1312
2	No. of atlases submitted	Target		300	371	400	360	300	200	1931
		Ach.	Upto 31.05.17	125	189	127	67	33	31	572
			Upto 31.08.17	144	189	127	100	33	31	624

• **Hydrological Studies:**

Sl. No	Particulars		UAS B	UAS D	UAS R	UHS B	UAHS S	Total	
1	No. of well yield monitored (3 times/year-May, Aug, Dec.)	Target (No. of wells)	944	745	1276	95	395	3455	
		Ach.	Readings for Kharif is under progress						
2	No of Gravimetric/ Theta probe soil moisture analyzed (Monthly)	Target (upto Dec-2018)	3641	2112	5151	1164	1819	13887	
		Ach.	Upto 31.05.17	1950	972	1351	784	1059	6116
			Upto 31.08.17	1950	1835	1551	784	1230	7350

• **Base line Survey :**

A. Saturation Area (100%):

Activities		UAS B	UAS D	UAS R	UHS B	UAHS S	Total
No. Micro Watersheds covered	Target	20	24	18	10	2	74
	Achiv.	20	24	18	10	2	74
No. of Revenue Villages	Target	68	72	12	11	2	165
	Achiv.	68	72	12	11	2	165
No. of Households	Target	11319	2202	3035	5237	107	21900
	Achiv.	9441	2202	3035	5237	107	20022

B. Non-saturation Area (30%) :

Activities		NBSS & LUP	UAS B	UAS D	UAS R	UHS B	UAHS S	Total
No. Micro Watersheds covered	Target	183	371	124	122	290	200	1290
	Achiv.	28	93	124	81	38	72	436
No. of Revenue Villages	Target	309	546	433	170	305	323	2086
	Achiv.	53	218	433	49	53	184	990
No. of Households	Target	9270	13257	7158	9225	9699	7829	56438
	Achiv.	1877	3598	7158	3386	2728	2710	21457

2. Financial progress:

Statement Showing the Budget Provision & Expenditure (upto 31.08.2017)

(Rs.in lakhs)

Sl. No	Year	Budget Allocation	Grant Released	Expenditure As Per 62b	Reimbursement Claimed in IUFRR (70%)	Reimbursement Received
1	Upto 2014	2342.00	2303.00	923.69	287.93	289.12
2	2014-15	4381.00	3535.50	3440.15	1459.18	1461.42
3	2015-16	8500.00	6500.00	6417.64	3925.39	3916.73
4	2016-17	5630.00	5630.00	5556.12	3040.48	3037.18
5	2017-18	10000.00	2500.00	523.24	1083.83	607.30
Total		30853.00	20468.50	16860.84	*9796.81	9311.75

	<p>Note : * IUFR Claims for the period from 21.06.2017 amounting to Rs.68.27 lakhs received on 04.08.2017. IUFR claims for the period 01.07.2017 to 31.07.2017 amounting to Rs.408.56 lakhs, and Rs.68.28 lakhs claimed in June, 2018 yet to be received.</p>
	<p>Committee deliberated in detail about the physical and financial progress achieved under the project and gave following directions.</p> <ul style="list-style-type: none"> • To issue letters to UAS-Raichur, UHS-Bagalkot and UAHS-Shivamogga regarding the slow progress in LRI studies. • Readings for Hydrological activities to be taken as per the time and intervals specified. • UAS, Bangalore, to submit a letter for revising the target given for the base line survey in saturation area, along with adequate reasons. <p>To write letters to the heads of all the partner institute except UAS, Dharwad, regarding the low progress achievement of base line survey in non-saturation area</p>

Agenda No: 4	Procurement of the services of National Centre of Excellence for RSETIs (NACER) under Single Source.
	<p>In order to address the equity issue in Sujala-3 project, the concept of Income Generating Activity (IGA) has been introduced. SHGs in the project require specialised training to take up IGAs. National Centre of Excellence for RSETIs (NACER) - A Government of India Sponsored organisation, which has district level training infrastructure, training modules, training materials, experienced resource persons. With the help of NACER, it is planned to provide IGA training to 2683 candidates with a budget of Rs.1.21 cores. Terms of Reference for NACER is placed in the annexure. The proposal of associating with NACER was put forth before World Bank and clearance was sought vide email dated 5th September 2017.</p> <p>In view of this, it is proposed to procure the services of NACER under single source for providing IGA training to the SHGs.</p>
	The proposal was explained to the committee and the committee deliberated in detail and approved the proposal. Committee advised to build-in handholding of SHGs in addition to IGA training by NACER as part of the MoU.

Agenda No: 5	Expansion of LRI work under the project
	<p>During the Partners Progress Review Meeting of KWDP-II (Sujala-3) held on 23.08.2017, it was observed that LRI field work is completed in about 1300 micro watersheds against the target of 1931 and the remaining 631 micro watersheds will be completed by December, 2017 and also there will be savings in the funds allocated under the MoU. Hence, it was discussed to take up further expansion of the LRI in the taluks already allotted to the partners and in the adjacent areas by utilizing the amount available with the partners under the MoU. Accordingly, a proposal was sent to the World Bank for concurrence for further expansion of LRI from the present 1931 to 2531 micro watersheds, by including additional 600 micro watersheds to cover an area of 3.00 lakh ha under the project within the project cost The World Bank has conveyed its concurrence for the proposal.</p>

NBSS&LUP has already completed LRI field work in 297 micro-watersheds and UAS Dharwad has completed in 400 micro-watersheds and agreed to cover 1.00 lakh ha each additionally. Remaining area can be allotted to other partners based on the progress achievement.

Hence, in the light of above, it is proposed to take up LRI in additional 600 micro watersheds to cover an area of 3.00 lakh ha by utilizing the amount available with the partners under the MoU, as per the approved model cost table communicated already and to allocate the area to NBSS&LUP and UAS Dharwad and other partners as given below.

Details of area/micro watersheds proposed to allot under additional LRI expansion

Partners	Taluk allotted	Additional expansion area (A)		Area already allotted (B)		Total area (A+B)	
		MWs	In lakh ha	MWs	In lakh ha	MWs	In lakh ha
NBSS LUP	Koppal	100	0.50	300	1.500	500	2.5
	Yadgir	100	0.50				
UAS-D	Gadag	100	0.50	400	2.000	600	3.0
	Vijayapura	100	0.50				
Other partners		200	1.00	231	6.155	1431	7.155

The committee deliberated in detail and approved the subject. The Chairperson directed to obtain the information from the concerned partner institutes regarding the work completed and area available for further expansion of LRI in the taluks already allotted for LRI expansion.

Agenda No: 6	Relaxation of NET qualification for SRF post to recruit under Sujala-3 project
	<p>As per the ICAR norms (ICAR F.NO.2-9/2012-HRD dated 25.04.2014 and OM SR/S9/Z-09/2012 of DST dated 21.10.2014, candidates with Graduate Degree in professional course with NET qualification / Post Graduate Degree in professional course / Post Graduate Degree in Basic Science with NET qualification are eligible for the recruitment in the post of Senior Research Fellow (SRF).</p> <p>Due to unavailability of eligible candidates with NET qualification, UHS-Bagalkot has requested for permission to recruit candidates with Post Graduation Degree without NET belonging to Geo-Informatics, GIS and Remote Sensing, Earth Science, Geology etc. from traditional universities in the SRF post under the project, to enable in achieving physical and financial targets.</p>
	The committee discussed in detail and decided not to deviate the ICAR guidelines for hiring the SRF for project work.

Agenda No: 7	Recruiting Project Assistants for Kannada Documentation
	During the recent PEC meetings, Additional Chief Secretary and Development Commissioner, Government of Karnataka has instructed to prepare various documents of Sujala-3 project in Kannada language. In this regard, NBSS&LUP has requested for permission to recruit four Project Assistants with a monthly salary of Rs.18,000/-(consolidated) to carry out the Kannada documentation work, as the present staff at NBSS&LUP are engaged in other project works and do not have required proficiency in Kannada. The expenditure towards payment of the salary will be met out from the funds allocated to NBSS&LUP under the MoU.
	The committee deliberated in detail and gave approval to hire two project assistants on contractual basis for the Kannada documentation by NBSS&LUP.

Agenda No: 8	Revision of MoU with IIS&WC to cover the saturation area
	As per the present MoU with IIS&WC, Bellary, the institute is carrying out intensive technical Monitoring and Evaluation work in the four sub-watersheds in the districts of Chamarajanagara, Koppal, Bidar and Tumkur which were initially selected for implementation of saturation of watershed activities. In addition to this, five more sub-watersheds located in Kalaburagi, Yadagir, Vijayapura, Gadag and Davanagere districts selected for the implementation of saturation treatment and the Detailed Project Reports were approved in 9 th PEC meeting held on 17.08.2017. Hence, it is required to take up intensive technical Monitoring and Evaluation work by IIS&WC in the additional five sub-watersheds also. In this regard, it is proposed to revise the present MoU with IIS&WC to cover nine sub-watersheds selected for saturation treatment.
	The committee deliberated in detail and approved the subject.

Agenda No: 9	Ratification for issue of notification of award for purchase of tabs through e-portal for socio-economic survey
	Quotations were invited for the purchase of 58 tabs through e-portal on 13.04.2017 under national shopping procedure. Since, no bid was received against the mandatory three numbers, it was decided to go for retendering through e-portal. In order to expedite, the document was uploaded in the e-portal on 20.05.2017 in response received two quotations in the e-portal however, minimum number of quotations required is three hence, request sent to World Bank for concurrence to proceed with two quotations only. Received concurrence from World Bank on 27.06.2017 for the same. To expedite the process, the notification of award was issued by Chairman PTC on 28.06.2017 and sent to bidder on 29.06.2017. All the tabs were supplied on 31.07.2017 (43 Nos.) and 03.08.2017 (15 Nos.) and distributed to LRI partners (8 Nos. each).
	The committee discussed in detail and ratified the subject.


Agenda No: 10	Any other subject with the permission of the chair
	<p>The Chairperson discussed about dissemination as well as documentation of the project activities and achievements and directed as below.</p> <ul style="list-style-type: none"> • All the partner institutes, to obtain the approval / ratification of the PTC regarding publication of papers on the project works in National / International journals and other periodicals; presentations on project works in National / International forums. • All the partner institutes, to submit the success stories, case studies etc. pertaining to project works to the WDD, for documentation and uploading in the department website. • All the partner institutes should involve the concerned districts field functionaries of the department for the workshops, seminars, training programmes etc., organized under the project. • UAS-Bangalore, to provide user ID and Password for accessing Baseline survey software.

Additional Agenda

Agenda No: 1	Supply installation customization and maintenance of LED display units under Sujala-3
	<p>The dynamic information like changing rainfall / weather condition needs to be disseminated through a different mode of communication which would facilitate taking timely action, when necessary.</p> <p>Therefore, it is proposed to install Digital Display units at premises of Raitha Samparka Kendras (RSK) in the Sujala-3 project area and concerned taluk ADA and district JDA Offices to disseminate the dynamic weather related information, forecast and advisories along with water management and crop management advisories directly to the farming community and other stake holders in the project area.</p> <p>The proposed display units have the key features such as Digital Display system, Solar Powered, GPRS enabled and Digital data logger for receiving data from WDD / KSNDMC Server. The units continuously display the customized weather data / parameters / Advisories in a scrolling manner. The weather data and the time when the data was captured will be retrieved from the KSNDMC Server (real-time data base) at specified time intervals.</p> <p>In this regard, KSNDMC has submitted a detailed proposal along with technical specifications to install 156 display units costing Rs. 70.20 lakhs with two years AMC. Each unit will cost around Rs.45,000/-. It is proposed to procure the display units through NCB method as the total cost exceeds the shopping limit.</p>
	The committee discussed in detail and approved the proposal of procurement and installation of LED display units.

Agenda No: 2	Supply, installation, commissioning and maintenance of telemetric weather stations with / without TRG units under Sujala-3
	<p>Telemetric Weather Stations (TWS) with Telemetric Rain Gauges (TRG) are required to monitor the quantity and intensity of rainfall and weather parameters. Already, 179 Telemetric Weather Stations have been installed in 698 micro-watersheds based on the need assessment by KSNDMC. Since, the Land Resource Inventory activity is being expanded to 1931 micro-watersheds, it is proposed to install the weather stations in the remaining micro-watersheds also.</p> <p>In this regard, KSNDMC has submitted the details for supply, installation, and commissioning of telemetric weather stations at 5 km Grid with two years of onsite maintenance to install 297 weather stations with TRG costing Rs.1.2 lakhs per unit and 281 weather stations without TRG costing Rs.1.00 lakh per unit. The total cost amounts to Rs.637.40 lakhs, which requires approval of PEC.</p>
	The committee deliberated in detail and approved the subject and recommended to place before the PPMU and PEC.

Agenda No: 3	Purchase of SIM for the tablets procured under Sujala-3 project
	58 Tablets were procured under the project for the WDD and project partners to facilitate in conducting base line survey. In this regard, it is proposed to purchase 58 SIM for the tablets
	The Chairperson directed to procure the required no. of SIM, if not procured already under the project for the tablets and to verify with the concerned partner institutes in this regard.


 The Chairman, PTC,
 Project Director, KWDP-II (Sujala-3) &
 Commissioner,
 Watershed Development Department

Annexure

The meeting was presided by Sri. Rajeev Ranjan IFS, Project Director, Sujala-3 and Commissioner, Watershed Development Department.

Members Present:

Sl. No.	Name (Sri/Smt/Dr.)	Designation / Department
MEMBERS		
1	Surya Deo Pathak IFS	Executive Director, Sujala-3 project convener, PTC WDD.
2	A. Padmaya Naik	Director, WDD
3	K. Krishnappa	Co-coordinator, ICRISAT
4	S. Srinivas	Scientist, ICAR-NBSS&LUP
5	B.P. Lakshmikanth	Scientist, KRSRAC
6	G.S. Praveen	Consultant (GIS), UAS, Bangalore.
OTHERS		
7	Chaitra J.	Chief Accounts Officer, WDD
8	Suma M.R	Deputy Director of Agriculture, Sujala-3, WDD
9	K.V. Niranjana	Chief Technical Officer, ICAR-NBSS&LUP
10	Prakash Kumar	Documentation and IGA Specialist, Sujala-3, WDD
11	Vijaya H.K	Agriculture Officer, WDD

