



Government of West Bengal
Irrigation & Waterways Department
Jalasampad Bhavan, 3rd Floor, Salt Lake City, Kolkata 700091,
Ph & Fax-033-23215211, Email- ds-works@wbiwd.gov.in

01C

Memo No. 576(2)-I
I-4M-38/14(Pt)

Dated: 21/12/2017

From: **Biplab Mukhopadhyay**
Deputy Secretary to the
Government of West Bengal

To: 1. **Chief Engineer (South West)**
Irrigation & Waterways Directorate
Khusjungle, P.O Abas, District Paschim Medinipur
Pin 721 102

2. **Chief Engineer (North)**
Irrigation & Waterways Directorate,
Green Park, P.O. Mokdumpur, District-Malda,
Pin 732103.

Sub: Preparation of schemes on the rehabilitation of old dilapidated medium & minor irrigation projects to bring more area under irrigation.

Ref: Memo No. 407/1(6)-I/I-4M-38/14(Pt) dated 14.09.2017 of the department

An exercise has been done by the Superintending Engineer, Investigation & Planning Circle-II to identify the existing old and dilapidated medium and minor irrigation schemes, which need to be rehabilitated with a view to bring additional area under irrigation. Altogether 25 nos. such schemes have been identified in the districts of Bankura, Alipurduar, Uttar Dinajpur, Jalpaiguri, Darjeeling, Paschim Medinipur and Jhargram, the details of which is enclosed with preliminary assessed cost and projected additional irrigation thereof.

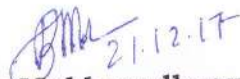
In view of above, the undersigned is directed to request him to instruct the concerned Executive Engineer to prepare a D.P.R for rehabilitation of each of the identified projects and send it to the department observing necessary formalities for preparing the annual action plan for 2018-19. While preparing the D.P.R the following exercises are to be executed to ensure the efficacy in generating additional irrigation.

1. The command area survey is to be conducted if not done already, to assure gravity irrigation through the canal at the farthest point and also to delineate to the achievable CCA.
2. The additional area proposed to be brought under irrigation by restoration of lost potential must be demarcated in a command area map to be enclosed in the D.P.R.
3. The design of the proposed rehabilitation of the head works and the lining of canal, where applicable, must be vetted by the Superintending Engineer, Investigation & Planning Circle-II.
4. All works relating to the irrigation development, with respect to a particular project should be taken at one go, so that no other work needs to be taken in that project, within next five years, other than routine maintenance works.
5. The Benefit-cost ratio of each of the scheme must be greater than 1.5.

The D.P.Rs should reach the department by 31.01.2018 for accordance of administrative approval.

Rehabilitation schemes of the medium and minor irrigation Projects in Purulia are also to be prepared in the same line barring the schemes already taken up in 2017-18.

Yours faithfully,

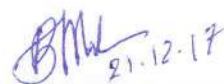

Biplab Mukhopadhyay
Deputy Secretary to the
Government of West Bengal

Memo No. 576(2)/1(2)-I
I-4M-38/14(Pt)

Dated: 21/12/2017

Copy forwarded for information to:

1. Director, Central Design Office, Irrigation & Waterways Directorate, 1st floor, Jalasampad Bhavan, Salt Lake, Kolkata-91
2. Superintending Engineer/ Investigation & Planning Circle-II, Irrigation & Waterways Directorate, 3rd floor, Jalasampad Bhavan, Salt Lake, Kolkata-91


Biplab Mukhopadhyay
Deputy Secretary to the
Government of West Bengal

TIDAL IRRIGATION SCHEME

Sl. No.	Name of the Scheme	District	Blocks benefited	Concern I & WD circle	Available Information					Is the irrigation functioning or defuncted	If functioning, name of the months in which irrigation water is provided	If functioning, type of irrigation done	Basic source of water for the original scheme	If the scheme is functioning, is it possible to improve the scheme from present condition	If yes please give brief description how to improve it	If yes please give cost of renovation required (Rs in Lakh)	Cost of renovation for lost potentials in Rs in lakh/Ha
					Irrigation potential (Ha)	Actual area last irrigated (Ha)	year of last irrigation	Area irrigated during the years (Ha)									
								2014-15	2015-16								
1	East Mograhat Basin Drainage Scheme	South 24 Pgs		GCDC	25600	12830				Functioning	Nov-March	Tidal					
2	Alampur Sluice	South 24 Pgs	Budge Budge -II	GCDC		3800				Functioning	Nov-March	Tidal					
3	Balarampur Sluice	South 24 Pgs	Diamond Harbour-II, Partly Falta	GCDC		8500				Functioning	Nov-March	Tidal					
4	Kantakhali Sluice	South 24 Pgs	Falta, partly Budge Budge to and Bishnupur-II	GCDC		5700				Functioning	Nov-March	Tidal					
5	Pujali Sluice	South 24 Pgs	Budge Budge -I, Budge Budge-II, Bishnupur-I, Bishnupur-II	GCDC		4080				Functioning	Nov-March	Tidal					
5		South 24 Pgs			25600				0				GAP in Ha	10216		0	
5		Grand total			25600				0					10216		0	0.00

12/12/17

Superintending Engineer
Investigation & Planning Circle No.-II
I&W Dte., Govt. of W.B.

MINOR IRRIGATION SCHEMES

Sl No	Name of the Scheme	District	Blocks benefited	Concern I & WD circle	Available Information						Is the irrigation functioning or defuncted	If functioning, name of the months in which irrigation water is provided	If functioning type of irrigation done	Basic source of water for the original scheme	If the scheme is functioning, is it possible to improve the scheme from present condition	If yes please give brief description how to improve it	If yes please give cost of renovation required (Rs in Lakh)	Cost of renovation for lost potentials in Rs in lakh/Ha
					Irrigation potential (Ha)	Actual area last irrigated (Ha)	year of last irrigation	Area irrigated during the years (Ha)										
								2014-15	2015-16	2016-17								
1	Amjor irrigation scheme	Bankura	Taldangra	Kangsaboti circle -I	256.97	248.88	2016-17	248.88	248.88	248.88	Aug-Oct & Dec-Feb	Kharif & Rabi	Only monsoon rain fall run off collected from local catchment	Yes	Rehabilitation works of canal networks as well as concern reservoir			
2	Rukni irrigation scheme	Bankura	Taldangra	Kangsaboti circle -I	267.9	262.64	2016-17	250.9	261.02	262.64	Aug-Oct & Dec-Feb	Kharif & Rabi	Only monsoon rain fall run off collected from local catchment	Yes	Rehabilitation works of canal networks as well as concern reservoir			
3	Jatola Irrigation scheme	Bankura	Taldangra	Kangsaboti circle -I	141.64	133.54	2016-17	121.4	133.54	133.54	Aug-Oct & Dec-Feb	Kharif & Rabi	Only monsoon rain fall run off collected from local catchment	Yes	Rehabilitation works of canal networks as well as concern reservoir			
4	Bhaluka jore irrigation scheme	Bankura	Ind pur	Kangsaboti circle -I	40.47	27.92	2016-17	27.92	27.92	27.92	Aug-Oct	Kharif	Only monsoon rain fall run off collected from local catchment	Yes	Rehabilitation works of canal networks as well as concern reservoir			
5	Hingai irrigation scheme	Bankura	Onda	Kangsaboti circle -I	40.47	24.28	2016-17	24.28	24.28	24.28	Aug-Oct	Kharif	Only monsoon rain fall run off collected from local catchment	Yes	Rehabilitation works of canal networks as well as concern reservoir			
6	Ghorashali jore scheme	Bankura	Bankura Block -II	Kangsaboti circle -I	81	65	2016-17	65	65	65	Aug-Oct & Dec-Feb	Kharif Rabi	Only monsoon rain fall run off collected from local catchment	Yes	Rehabilitation works of canal networks as well as concern reservoir			
7	Arkusa pick. Up weir	Bankura	Chhaina	Kangsaboti circle -I	101.17	60.7	2016-17	Nil	Nil	60.7	Aug-Oct	Kharif	Only monsoon rain fall run off collected from local catchment	Yes	Rehabilitation works of canal networks as well as concern reservoir			
8	Chankera khal minor irrigation scheme	Bankura	Simlapal	Kangsaboti circle -I	101.57	101.57	2016-17	101.57	101.57	101.57	July-Oct	Kharif	Only monsoon rain fall run off collected from local catchment	Yes	Rehabilitation works of canal networks as well as concern reservoir			
9	Nandaranga minor irrigation scheme	Bankura	Hirbandh	Kangsaboti circle -I	47.35	47.35	2016-17	47.35	47.35	47.35	July-Oct	Kharif	Only monsoon rain fall run off collected from local catchment	Yes	Rehabilitation works of canal networks as well as concern reservoir			

MINOR IRRIGATION SCHEMES

Sl No	Name of the Scheme	District	Blocks benefited	Concern I & WD circle	Available Information							Is the irrigation functioning or defunct	If functioning, name of the months in which irrigation water is provided	If functioning type of irrigation done	Basic source of water for the original scheme	If the scheme is functioning, is it possible to improve the scheme from present condition	If yes please give brief description how to improve it	If yes please give cost of renovation required (Rs in Lakh)	Cost of renovation for lost potentials in Rs in lakh/Ha
					Irrigation potential (Ha)	Actual area last irrigated (Ha)	year of last irrigation	Area irrigated during the years (Ha)			If the scheme is functioning, is it possible to improve the scheme from present condition								
								2014-15	2015-16	2016-17									
10	Mahadev Sinani minor irrigation scheme	Bankura	Ranibundh	Kangsaboli circle - I	388	315.66	2016-17	376.5	364.37	315.66	Functioning	July-Oct	Kharif	Only monsoon rain fall run off local catchment	Yes				
10		Bankura			1466.54					1287.54					GAP in Ha	179	0	0	
1	Jorai Irrigation Scheme	Alipur Duar	Kumargram & Tufanganj II	N E I Circle - I	1619	810	2016-17	810	810	810	Functioning	Jan-Dec	Kharif, Ravi & Boro	Parental river collected from River Jorai	Yes	Rehabilitation works of canal Headwork & canal network	65		
2	Santal Colony Irrigation Scheme	Alipur Duar	Alipur Duar-II	N E I Circle - I	1295	1295	2016-17	1295	Nil	1295	Functioning	May-Oct	Kharif	Only monsoon rain fall run off local catchment	Improvement not possible	Does not arises			
3	Jateswar Irrigation Scheme	Alipur Duar	Falakata	N E I Circle - I	971	971	2016-17	971	971	971	Functioning	Jan-Dec	Kharif, Ravi & Boro	Parental river collected from River Surfi	No further scope of improvement	Does not arises			
	Rangali Irrigation Scheme	Alipur Duar		N E I Circle - I															
4	Sibkata Irrigation Scheme	Alipur Duar	Alipur Duar-II	N E I Circle - I	546	Nil		Nil	Nil	Nil	Defunct	Does not arises	Does not arises	Only monsoon rain fall run off local catchment	Revival Possible	Rehabilitation works of canal Headwork & canal network	80		
	Jhumur Ghora Hagra Irrigation Scheme																		
	Nonai Kanal Khal																		
5	Naranthali-Kamakhyaaguri Irrigation Scheme	Alipur Duar	Kumargram	N E I Circle - I	1685	1685	2016-17	1530	1600	1685	Functioning	Jan-Dec	Kharif, Ravi & Boro	Parental river collected from rain fall run off River Ridak - I	Yes	Rehabilitation works of canal Headwork & canal network	75		
	Mujnai Irrigation scheme	Alipur Duar	Madanhat								Defunct			River Mujnai					
6	Bania Basra Irrigation scheme	Alipur Duar	Kaichini	N E I Circle - I	526			Nil	Nil	Nil	Partially defunct			River Bania	Yes	Comm ent not availabl e	125		
6		Alipur Duar			6642					4761					GAP in Ha	1881	345	0.18	

Noted can be 0.18 Potential

MINOR IRRIGATION SCHEMES

Sl No	Name of the Scheme	District	Blocks benefited	Concern I & WD circle	Available Information						Is the irrigation functioning or defunct	If functioning, name of the months in which irrigation water is provided	If functioning, type of irrigation done	Basic source of water for the original scheme	If the scheme is functioning, is it possible to improve the scheme from present condition	If yes please give brief description how to improve it	If yes please give cost of renovation required (Rs in Lakh)	Cost of renovation for lost potentials in Rs in lakh/Ha
					Irrigation potential (Ha)	Actual area last irrigated (Ha)	year of last irrigation	Area irrigated during the years (Ha)										
								2014-15	2015-16	2016-17								
1	Sapnukla Minor Irrigation Scheme	Uttar Dinajpur	Islampur	North Irrigation Circle-1	120	90	2010-11	Nil	Nil	Nil	Defunct		Only monsoon rain fall run off collected from local catchment	No	possible to revive	20		
2	Kadamtanghi Minor Irrigation Scheme	Uttar Dinajpur	Islampur	North Irrigation Circle-1	200	150	2010-11	Nil	Nil	Nil	Defunct		Only monsoon rain fall run off collected from local catchment	No	possible to revive	45		
2		Uttar Dinajpur			320				0				Only monsoon rain fall run off collected from local catchment	GAP in Ha	320	65	0.20	
1	Guabari Irrigation Scheme	Jalpaiguri	Mal	North-East Irrigation Circle-II	60		2011	Nil	Nil	Nil	Defunct		Non Perennial	No	May be revived	80		
2	Kikot Irrigation Scheme	Jalpaiguri	Mal & Metali	North-East Irrigation Circle-II	98	78	2016-17	78	78	78	Functioning	Jan- Dec	Only monsoon rain fall run off collected from local catchment from Kikot River	yes				
3	Khulnai Irrigation Scheme	Jalpaiguri	Mal	North-East Irrigation Circle-II	Nil	Nil	Nil	Nil	Nil	Nil	Defunct		Only monsoon rain fall run off collected from local catchment from Ghora	No	May Not possible to revive			
4	Jhumur Ghora Hagra Irrigation Scheme	Jalpaiguri	Dhupguri	North-East Irrigation Circle-II	729	610	2016-17	610	610	610	Functioning	Jan- Dec	Only monsoon rain fall run off collected from local catchment from Non Perennial	Yes				
5	Batabani Irrigation Scheme	Jalpaiguri	Mal	North-East Irrigation Circle-II	30	27	2016-17	27	27	27	Functioning	June-July	Only monsoon rain fall run off collected from local catchment from Non Perennial	Yes				
5		Jalpaiguri			917					715			Only monsoon rain fall run off collected from local catchment from Perennial river	GAP in Ha	202	80	0.40	
1	Manja Irrigation Scheme	Darjeeling	Naxalbari	North-East Irrigation Circle-II	1075	1075	2016-17			1075	Functioning		Perennial river rain fall run off collected from local catchment					

MINOR IRRIGATION SCHEMES

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					Irrigation potential (Ha)	Actual area last irrigated (Ha)	year of last irrigation	Area irrigated during the years (Ha)										
								2014-15	2015-16	2016-17								
2	Tapu Irrigation Scheme	Darjeeling	Phansidewa	North-East Irrigation Circle-II	526						Functioning	Kharif, Rabi	Perennial river and monsoon rainfall run off collected from local catchment	Yes	by lining the channel & improvement of existing lining so that the full design discharge can pass through the canal	129.11		
3	Jamatulla Irrigation Scheme	Darjeeling	Kharbari	North-East Irrigation Circle-II	1100	800					Functioning	Kharif, Rabi	Perennial river and monsoon rainfall run off collected from local catchment	yes	by lining the canal so that seepage loss can be minimised	265.39		
4	Gosapur Irrigation Scheme	Darjeeling	Naxabari and Phansidewa	North-East Irrigation Circle-II							Defuncted							
4		Darjeeling			2701					1075				GAP in Ha	1626	394.5	0.24	
17	17 nos of schemes under PIPD	Purulia	Arsha, Baghmundi, Balrampur, Jhalda-I, Jhalda-II & Purulia-I	OSD											Upgradation of the Irrigation Schemes	7655		
6	6 nos of schemes under PCD	Purulia	Arsha, Baghmundi, Barrabaazi, Kashipur & Santuri	OSD												5031		
9	9 nos of schemes under PIPD	Purulia	Arsha, Bandwan, Hura, Kashipur, Manbazar, Para & Raghunathpur	OSD												9814		
32		Purulia			36000					28500				GAP in Ha	6000	22500	3.75	
1	Patibandh Irrigation Scheme	Jhargram	Gopibaiyapur-I	WC-II	202.5	202.5	1994-95	0	0	0	Defunct							
12	Medium/Minor schemes under WC-II (12 Nos)	Paschim Medinipur & Jhargram	Gopibaiyapur-I & II, Jhargram, Navagram, Jamboni & Bampur-II	WC-II	7835.55	3164.79	2016-17	3972.43	3069.41	3164.79						3000		

MINOR IRRIGATION SCHEMES

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					Irrigation potential (Ha)	Actual area last irrigated (Ha)	year of last irrigation	Area irrigated during the years (Ha)										
								2014-15	2015-16	2016-17								
13		Paschim Medinipur & Jhargram			8038.05				3164.79				GAP in Ha	4873.26	3000	0.62		
1	Sali Reservoir Scheme	Bankura	Gangajal Ghati	D.I Circle	534.41	443.07	2016-17	443.07	443.07	443.07	Aug-Oct	Kharif	Only monsoon rainfall run-off collected from local catchment	Yes	Rhabilitation works of canal networks & Rs 2.00 Crore	200		
2	Salbunth Irrigation Scheme	Bankura	Bishnupur	D.I Circle	809.72	709.85	2016-17	709.85	709.85	709.85	Aug-Oct	Kharif	Only monsoon rainfall run-off collected from local catchment	Yes	Rhabilitation works of canal networks & Rs 2.00 Crore	200		
3	Molebundh Irrigation Scheme	Bankura	Bishnupur	D.I Circle	728.74	643.86	2016-17	643.86	643.86	643.86	Aug-Oct	Kharif	Only monsoon rainfall run-off collected from local catchment	Yes	Rhabilitation works of canal networks as well as concern reservoir Rs 1.00Crore	100		
4	Bhorakhal Irrigation Scheme	Bankura	Bishnupur	D.I Circle	769.23	672.78	2016-17	672.75	672.75	672.78	Aug-Oct	Kharif	Only monsoon rainfall run-off collected from local catchment	Yes	Rhabilitation works of canal networks as well as concern reservoir Rs 2.00Crore	200		
5	Hannamuri Khal Irrigation Scheme	Bankura	Patrasayer	D.I Circle	262.97	220.33	2016-17	212.24	220.33	220.33	Aug-Oct	Kharif	Only monsoon rainfall run-off collected from local catchment	Yes	Rhabilitation works of canal networks as well as concern reservoir Rs 1.00Crore	100		
6	Sali Diversion Scheme	Bankura	Barjora	D.I Circle	2228.75	821.86	2016-17	655.87	821.86	821.86	Aug-Oct	Kharif	Only monsoon rainfall run-off collected from local catchment	Yes	Rhabilitation works of canal networks and renovation of Barrage gates including deposited silt clearance at U/S of Barrage & Rs 14.00 Crore	1400		

MINOR IRRIGATION SCHEMES

Sl No	Name of the Scheme	District	Blocks benefited	Concern I & WD circle	Available Information							If the scheme is functioning, is it possible to improve the scheme from present condition	If yes please give brief description how to improve it	If yes please give cost of renovation required (Rs in Lakh)	Cost of renovation for lost potentials in Rs in lakh/Ha			
					Irrigation potential (Ha)	Actual area last irrigated (Ha)	year of last irrigation	Area irrigated during the years (Ha)			Is the irrigation functioning or defuncted					If functioning, name of the months in which irrigation water is provided	If functioning type of irrigation done	Basic source of water for the original scheme
								2014-15	2015-16	2016-17								
7	Bankura Reservoir Irrigation Scheme	Bankura	Bankura & Sonamukhi	D.I. Circle	1934.31	1810.68	2016-17	1810.68	1810.68	1810.68	Aug-Oct	Kharif	Only monsoon rainfall run-off collected from local catchment	Yes	Rhabilitation works of canal networks as well as concern reservoir, Rs 5.00 Crore	500		
7		Bankura			7268.13					5322.43				GAP in Ha	1945.7	2700	1.39	
75		Grand total			60651.72					43750.76					15400.96	29084.5	1.89	

12/12/17

Superintending Engineer
Investigation & Planning Circle No.-1
I&W Div., Govt. of W.B.

MEDIUM IRRIGATION SCHEME

Sl. No.	Name of the Scheme	District	Blocks benefited	Concern I & WD circle	Available Information					Is the irrigation functioning or defuncted	If functioning, name of the months in which irrigation water is provided	If functioning type of irrigation done	Basic source of water for the original scheme	If the scheme is functioning, is it possible to improve the scheme from present condition	If yes please give brief description how to improve it	If yes please give cost of renovation required (Rs in Lakh)	Cost of renovation for lost potentials in Rs in lakh/Ha
					Irrigation potential (Ha)	Actual area last irrigated (Ha)	year of last irrigation	2014-15	2015-16	2016-17							
1	Beral Canal Irrigation Project	Bankura	Onda & Bishnupur	Kangsaboti circle -I	2700	2266.8	2016-17	2080.48	2186.92	2266.8	Functioning	Aug-Oct & Dec-Feb	Kharrif & Rabi	Only monsoon rain fall run off collected from local catchment	Yes	Rehabilitation works of canal networks as well as concern reservoir	

12/12/17

Superintending Engineer
Investigation & Planning Circle No.-11
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