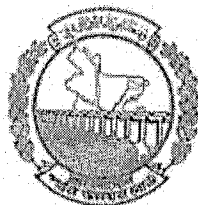


**BANGLADESH WATER DEVELOPMENT BOARD****PROJECT COMPLETION REPORT: IMED-04/2003 (Revised)**

**Name of the Project:** Protection of Khudbandhi, Singrabari and Shuvogacha area of Kazipur Upazila in Sirajganj District from erosion of the Jamuna River (1st Revised).

**PROJECT PERIOD: JULY 2017 TO JUNE 2020.**

**DIVISION :** SIRAJGANJ O&M DIVISION, BWDB, SIRAJGANJ.

**CIRCLE :** BOGURA O&M CIRCLE, BWDB, BOGURA.

**ZONE :** NORTH WESTERN ZONE, BWDB, RAJSHAHI.

**Government of the People's Republic of Bangladesh**  
**Ministry of Planning**  
**Implementation Monitoring and Evaluation Department.**

**PROJECT COMPLETION REPORT: IMED 04/2003 (REVISED)**

**A. PROJECT DESCRIPTION:**

**01. Name of Project** : Protection of Khudbandhi, Singrabari and Shuvogacha area of Kazipur Upazila in Sirajganj District from erosion of the Jamuna River (1st Revised).

**02. Administrative Ministry/ Division** : Ministry of Water Resources

**03. Executing Agency** : Bangladesh Water Development Board.

**04. Location of the Project** : Upazila – Sirajganj Sadar & Kazipur, District- Sirajganj.

**05. Object of the Project** :

- To Protect Brahmaputra Right Flood Embankment (km.143.300 to 153.300) from engulfment of the right bank of Jamuna River and flood protection of 50000 hac. gross project area from flash flood.
- To protect School, Mosque, Bazar, Union Complex, Health Complex, Government and Semi Government Infrastructure, Agricultural Land, Homestead, Road etc. from erosion of the right bank of Jamuna River.
- To maintain river alignment in a sustainable thallway for sustainable river management.
- To increase socio-economic development by enhancement natural security against river erosion.
- To mitigate environmental impact and ecological imbalance by protection of bank line.

**06. Estimated Cost:**

(In Lakh Taka)

	Original	Latest Revised (1st)
a) Total	46546.42	46460.00
b) Taka	46546.42	46460.00
c) Foreign Currency	-	-
d) Project Aid	-	-
e) RPA	-	-

**07. Date of Approval :**

PCP	PP
-----	----

a) Original : 11-10-2017

b) Latest Revised (1st) : 22-05-2019

**08. Implementation period :**

	Date of Commencement	Date of Completion
a) Original	July, 2017	June, 2020
b) Latest Revised (1st)	July, 2017	June, 2020
c) Actual	July, 2017	June, 2020

**09. Financial Agreement (source wise):****9.1 Status of Loan / Grant:****a) Foreign Financing:**

Source(s)	Currency as per Agreement	Amount in US\$ (Million)	Nature (Loan/Grant Supplier's credit)	Date of Agreement	Date of Effectiveness	Date of Closing	
1	2	3	4	5	6	7	8

..... N. A. ....

**b) GOB:**

(In Lakh Taka)

Total Amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
46460.00	-	46460.00	-

**9.2 Utilization of Project Aid: (Source wise)**

(In Million)

	Total Amount		Actual Expenditure		Unutilized Amount	
	In US \$	In Local Currency	IN US \$	In Local Currency	In US \$	In Local Currency
1	2	3	4	5	6	7

..... N/A .....

**9.3 Reimbursable Project Aid (RPA)**

(In Lakh Taka)

RPA Amount		Amount Spent	Amount claimed	Amount Reimbursed	Remarks.
As Per DPP	As per Agreement				
1	2	3	4	5	6

..... N/A .....

**B. IMPLEMENTATION POSITION****01. Implementation Period :**

Implementation Period as per DPP		Actual Implementation Period	Time Over Run (% of Original Implementation Period)	Remarks
Original	Latest Revised			
1	2	3	4	5
July/2017 to June/2020	July/2017 to June/2020	July/2017 to June/2020	Nil	Although implemented some works got damaged due to severe flood & there was outbreak of World Pandemic Covid-19, the project was completed in time.

**02. Cost of the Project:**

(In Lakh Taka)

Description	Estimated Cost		Actual Expenditure	Cost Over-run (% of original cost)	Remarks
	Original	Latest Revised			
1	2	3	4	5	6
Total	46546.42	46460.00	42994.30	Nil	Actual expenditure was made as per completed work done.
Taka	46546.42	46460.00	42994.30	Nil	
PA	-	-	-	-	

**03. Project Personnel:** Project work has been completed by the existing manpower of Sirajganj O&M Division, BWDB, Sirajganj.

Sanctioned strength as per PP	Manpower employed during execution	Status of the existing Manpower			Manpower Employed	
		Manpower requirement for O&M as per PP	existing Manpower for O&M	Others	Male	Female
1	2	3	4	5	6	7
Officer(s)						
Staff(s)						
Total						

..... Nil .....

**04. Training of project Personnel (Foreign/Local):** No Provision of training in this Project.

Field of Training /Study tour/work shop/ Seminar etc.	Provision as per PP		Actual		Remarks.
	Number of Person	Man- months	Number of Person	Man months	
1	2	3	4	5	6

a) Foreign ..... Nil .....

b) Local ..... Nil .....

**05. Component wise Progress (As per Latest approved DPP):**

(In Lakh Taka)

Items of work (As per PP)	Unit	Target (as per PP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
<b>(A) Revenue Component:</b>						
Pay of Establishment (Out Sourcing)	1 item	40.00	1 item	30.46	1 item	
<b>Supplies and Services:</b>						
Gas & Fuel	1 item	10.00	1 item	7.24	1 item	
Petrol & Lubricant	1 item	12.00	1 item	10.14	1 item	
Advertising & Publicity	1 item	3.00	1 item	3.00	1 item	
Stationery, Seal & Stamps	1 item	5.00	1 item	5.00	1 item	
Labour Wages	1 item	10.00	1 item	10.00	1 item	
Honorarium/Fees/Remuneration (for Different Committee).	1 item	5.00	1 item	4.81	1 item	
Honorarium/Fees/Remuneration (for Mid Term Evaluation)	1 item	10.00	1 item	9.99	1 item	
<b>Repair, maintenance &amp; rehabilitation</b>						
Vehicle	1 item	5.00	1 item	5.00	1 item	
<b>Sub-total Revenue Component (A) :</b>		<b>100.00</b>		<b>85.64</b>		
<b>(B) Capital Component:</b>						
Motor Cycle (125 CC) (2 Nos)	nos	3.00	2	3.00	2	
Desktop Computer (2 nos) and Laptop (2 nos) with Laser Printer (2 nos) with scanner.	nos	3.00	6	3.00	6	
Office Equipment (Photocopier 1 no.)	nos	1.50	1	1.50	1	
<b>Acquisition/Purchase of Land:</b>						
Acquisition of Land (13.50 hectare)	Hectare	280.00	13.50	280.00	13.50	
<b>Construction of works:</b>						
River Bank Protection work (from BRE: km. 143.300 to km. 144.900 = 1.600 km. & km. 148.945 to km. 153.300 = 4.355 km. (Total: 5.955 km.))	km	33899.77	5.955	32147.87	5.955	
Re-sectioning/ Construction of Brahmaputra Right Embankment (BRE) (Total: 40.00 km)	km	716.87	40.00	714.82	40.00	
Rehabilitation Spur (4 nos.)	Nos	5464.44	4	5287.33	4	
Dredging of Jamuna River (4.000 km.) in Project Area (Earth Volume: 169.20 lakh cum).	Km/lakh cum	5991.42	4.00 km/ 169.20 lakh cum	4471.14	4.00 km/ 28.62 lakh cum	
<b>Sub-total Capital Component (B) :</b>		<b>46360.00</b>		<b>42908.66</b>		
<b>Total (A+B) :</b>		<b>46460.00</b>	<b>100.00%</b>	<b>42994.30</b>	<b>100.00%</b>	

**06. Information Regarding Project Director(s):**

Name & Designation with pay scale.	Full time	Part time	Responsible for more than one Project	Date of		Remarks.
				Joining	Transfer	
1	2	3	4	5	6	7
Syed Hasan Imam PEng. Superintending Engineer 50000-71200	Full		Yes	13/11/2017	23/01/2019	
Tariq Abdullah Al Fayyaz Superintending Engineer 50000-71200	Full		Yes	23/01/2019	till to date	

### 07. Procurement of Transport (in nos.):

Type of Transport	Number as per DPP	Procured with date	Transferred to Transport Pool with date	Transferred to O&M with date	Condemned/damaged with date	Remarks.
1	2	3	4	5	6	7
Motor Cycle	2 no	17/04/2018	-	Sirajganj O&M Division, BWDB, Sirajganj 14/07/2020	-	Being used by two Sub-Assistant Engineers for future inspection and maintenance of the project.

### 08. Procurement of Goods, Works and Consultancy Service.

08.1. Goods & Works of the Project costing above Tk. 200.00 lakh and Consultancy above Tk. 100.00 lakh.

Description of procurement (goods/work/consultancy) as per Bid document	Tender/Bid/ Proposal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works /services and supply of goods.	
	As per DPP	Contract value	Invitation date	Contract signing/LC opening date	As per contract	Actual
1	2	3	4	5	6	7
KPW-01: Construction of bank revetment work on the right bank of Jamuna river at Khudbandhi, Singrabari and Shuvogacha in Upazila-Kazipur, District-Sirajganj during FY 2017-2018 and 2018-2019 (From BRE km. 143.300 to km. 143.700 = 400 meter)	Original 20.71 1 <sup>st</sup> revised 19.24	18.63	27-11-2017	07-02-2018	31-03-2019	31-03-2019
KPW-02: Construction of bank revetment work on the right bank of Jamuna river at Khudbandhi, Singrabari and Shuvogacha in Upazila-Kazipur, District-Sirajganj during FY 2017-2018 and 2018-2019 (From BRE km. 143.700 to km. 144.100 = 400 meter)	Original 20.71 1 <sup>st</sup> revised 20.40	18.64	27-11-2017	12-02-2018	31-03-2019	31-03-2019
KPW-03: Construction of bank revetment work on the right bank of Jamuna river at Khudbandhi, Singrabari and Shuvogacha in Upazila-Kazipur, District-Sirajganj during FY 2017-2018 and 2018-2019 (From BRE km. 144.100 to km. 144.500 = 400 meter)	Original 20.71 1 <sup>st</sup> revised 19.15	18.64	27-11-2017	08-02-2018	31-03-2019	31-03-2019
KPW-04: Construction of bank revetment work on the right bank of Jamuna river at Khudbandhi, Singrabari and Shuvogacha in Upazila-Kazipur, District-Sirajganj during FY 2017-2018 and 2018-2019 (From BRE km. 144.500 to km. 144.900 = 400 meter)	Original 20.71 1 <sup>st</sup> revised 19.15	18.64	27-11-2017	08-02-2018	31-03-2019	31-03-2019

Description of procurement (goods/work/consultancy) as per Bid document	Tender/Bid/ Proposal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works /services and supply of goods.	
	As per DPP	Contract value	Invitation date	Contract signing/LC opening date	As per contract	Actual
1	2	3	4	5	6	7
KPW-05: Construction of bank revetment work on the right bank of Jamuna river at Khudbandhi, Singrabari and Shuvogacha in Upazila- Kazipur, District-Sirajganj during FY 2017-2018 and 2018-2019 (From BRE km. 150.900 to km. 151.300 = 400 meter)	Original 20.71  1 <sup>st</sup> revised 20.56	20.52	27-11-2017	12-02-2018	31-03-2019	31-03-2019
KPW-06: Construction of bank revetment work on the right bank of Jamuna river at Khudbandhi, Singrabari and Shuvogacha in Upazila- Kazipur, District-Sirajganj during FY 2017-2018 and 2018-2019 (From BRE km. 151.300 to km. 151.700 = 400 meter)	Original 20.71  1 <sup>st</sup> revised 19.92	19.76	27-11-2017	08-02-2018	31-03-2019	31-03-2019
KPW-07: Construction of bank revetment Work on the right bank of Jamuna river at Khudbandhi, Singrabari and Shovogacha area of Kazipur Upazila in Sirajganj District from erosion of Jamuna River (From BRE km. 151.700 to km. 152.100 = 400 meter),	Original 20.71  1 <sup>st</sup> revised 20.41	20.05	27-11-2017	12-02-2018	31-03-2019	31-03-2019
KPW-08: Construction of bank revetment Work on the right bank of Jamuna river at Khudbandhi, Singrabari and Shovogacha in Upazila- Kazipur, District- Sirajganj during FY 2017-2018 and 2018-2019 (From BRE km. 152.100 to km. 152.500 = 400 meter)	Original 20.71  1 <sup>st</sup> revised 19.74	19.49	27-11-2017	02-02-2018	31-03-2019	31-03-2019
KPW-09: Construction of bank revetment work on the right bank of Jamuna river at Khudbandhi Singrabari & Shuvogacha area of Kazipur Upazila in Sirajganj District from erosion of Jamuna River (From BRE km. 152.500 to km. 152.900 400 meter)	Original 20.71  1 <sup>st</sup> revised 25.96	20.20	27-11-2017	12-02-2018	31-03-2019	31-03-2019
KPW-10: Construction of bank revetment work on the right bank of Jamuna river at Khudbandhi, Singrabari and Shuvogacha in Upazila- Kazipur, District-Sirajganj during FY 2017-2018 and 2018-2019 (From BRE km. 152.900 to km. 153.300 = 400 meter)	Original 20.71  1 <sup>st</sup> revised 26.12	21.38	27-11-2017	25-02-2018	31-03-2019	31-03-2019
KEW-11: Re-sectioning & strengthening of Brahmaputra right embankment from km. 139.000 to km. 148.000 = 9.000 km under Sirajganj O&M Division, BWDB, Sirajganj in District: Sirajganj. During the year 2017-2018.	Original 4.58  1 <sup>st</sup> revised 3.32	4.12	04-12-2017	13-02-2018	20-06-2018	20-06-2018

Description of procurement (goods/work/consultancy) as per Bid document	Tender/Bid/ Proposal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works /services and supply of goods.	
	As per DPP	Contract value	Invitation date	Contract signing/LC opening date	As per contract	Actual
1	2	3	4	5	6	7
KEW-12: Re-sectioning & strengthening of Brahmaputra right embankment from km. 151.200 to km.153.200 = 2.00 km under Sirajganj O&M Division, BWDB, Sirajganj in District: Sirajganj. During the year 2017-2018.	Original 5.42  1 <sup>st</sup> revised 0.83	0.83	04-12-2017	12-03-2018	20-06-2018	20-06-2018
KEW-13: Re-sectioning & strengthening of Brahmaputra right embankment from km. 156.000 to km. 165.000 = 9.000 km under Sirajganj O&M Division, BWDB, Sirajganj in District: Sirajganj. During the year 2017-2018.	Original 3.50  1 <sup>st</sup> revised 1.75	3.14	04-12-2017	20-02-2018	20-06-2018	20-06-2018
KEW-14: Re-sectioning & strengthening of embankment from km. 177.002 to km. 196.00 = 19.00 km. & km. 202.00 to km. 203.00 = 1.00 km, Total = 20km under Sirajganj O&M Division, BWDB, Sirajganj in District: Sirajganj. During the year 2017-2018	Original 1.50  1 <sup>st</sup> revised 1.25	1.34	04-12-2017	20-02-2018	20-06-2018	20-06-2018
KSR-15: Strengthening and Rehabilitation of Simla Spur-2 at BRE km. 157.760 by Supplying, Filling and dumping Geo-bags (250kg) in Upazila: Sirajganj Sadar, District: Sirajganj under Sirajganj O&M Division, BWDB, Sirajganj during the year 2017-2018 & 2018-2019	Original 5.00  1 <sup>st</sup> revised 4.51	4.51	04-12-2017	20-02-2018	28-06-2018	28-06-2018
KMSR-16 : Strengthening and Rehabilitation of Meghai Spur-1 at BRE km. 141.760 under Sirajganj O&M Division, BWDB, Sirajganj in District: Sirajganj, during the year 2017-2018 & 2018-2019	Original 8.91  1 <sup>st</sup> revised 8.78	8.78	18-03-2018	06-06-2018	31-03-2019	31-03-2019
KPW-20 : Construction of bank revetment Work From BRE km. 148.945 to km. 149.345 = 400 meter at Shuvogacha in Upazila-Kazipur District-Sirajganj during the FY 2018-2019 & 2019-2020.	26.29	26.29	12-03-2019	17-06-2019	13-06-2020	13-06-2020
KPW-21 : Construction of bank revetment Work From BRE km. 149.345 to km. 149.745 = 400 meter at Shuvogacha in Upazila-Kazipur District-Sirajganj	26.28	26.28	12-03-2019	17-06-2019	13-06-2020	13-06-2020
KPW-22: Construction of bank revetment Work From BRE km. 149.745 to km. 150.145= 400 meter at Shuvogacha in Upazila-Kazipur District-Sirajganj	26.28	26.28	12-03-2019	17-06-2019	17-06-2020	17-06-2020



Description of procurement (goods/work/consultancy) as per Bid document	Tender/Bid/ Proposal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works /services and supply of goods.	
	As per DPP	Contract value	Invitation date	Contract signing/LC opening date	As per contract	Actual
1	2	3	4	5	6	7
KPW-23; Construction of bank revetment work From BRE Km. 150.145 to BRE Km. 150.445 = 300 meter at Shuvogacha area of Kazipur Upazila in Sirajganj District	19.72	19.70	12-03-2019	17-06-2019	19-06-2020	19-06-2020
KPW-24; Construction of bank revetment Work From BRE km. 150.445 to km. 150.745 = 300 meter at Shuvogacha in Upazila-Kazipur District-Sirajganj.	19.73	19.73	12-03-2019	17-06-2019	19-06-2020	19-06-2020
KPW-25; Construction of bank revetment Work From BRE km. 150.745 to km. 150.900 = 155 meter at Shuvogacha in Upazila-Kazipur District-Sirajganj.	10.02	10.02	12-03-2019	17-06-2019	19-06-2020	19-06-2020
KSSR-1/26: Strengthening/Rehabilitation of Singrabari Spur-1 at BRE Km. 146.00 at Singrabari area of Kazipur Upazila in District- Sirajganj .	20.28	19.88	13-03-2019	16-06-2019	11-06-2020	11-06-2020
KSSR-2/27: Strengthening/Rehabilitation of Singrabari Spur-2 at BRE. km. 148.00 at Singrabari area of Kazipur Upazila in District-Sirajganj .	21.06	21.06	13-03-2019	17-06-2019	27-06-2020	27-06-2020
KDWN-19: Removing of Char/Dredging of Jamuna river in between meterage 0.00 to meterage 8000.00 = 2000 m in Upazilla-Kazipur District-Sirajganj in connection with the project.	29.95	26.83	09-06-2019	03-11-2019	30-04-2020	30-04-2020
KDWN-28.: Removing of Char/Dredging of Jamuna river in between meterage 9750.00 to meterage 18000= 2000 m in Upazilla-Kazipur District-Sirajganj in connection with the project Protection of Khudbandhi Singrabari and Shuvogacha area of Kazipur Upazila in Sirajganj District from erosion of the Jamuna River.	29.95	26.83	Original 09-06-2019  Re-tender 25-09-2019	01-12-2019	30-05-2020	30-05-2020

08.2. Use of Project Consultant (s) (Foreign / Local): No provision of deploying consultant in this project.

Name of the field	Approved man month		Actual man month utilized	Remarks
	As per PP	As per contract.		
1	2	3	4	5

a) Foreign ..... Nil .....

b) Local ..... Nil .....

#### 09. Construction / Erection / Installation Tools & Equipment:

Description of items	Quantity (As per DPP)	Quantity procured with date	Transferred to O&M with date	Deposed off as per rule with date	Balance	Remarks
1	2	3	4	5	6	7

..... N / A. ....

### C. FINANCIAL AND PHYSICAL PROGRAMME:

#### 01. (a) Original and revised schedule as per DPP.

(In Lakh Taka)

Financial year	Financial Provision & Physical target as per original DPP				Financial Provision & Physical target as per latest revised DPP			
	Total	Taka	PA	Physical %	Total	Taka	PA.	Physical %
1	2	3	4	5	6	7	8	9
2017-18	5356.10	5356.10	-	11.51%	9984.69	9984.69	-	21.49 %
2018-19	19321.90	19321.90	-	41.51%	11776.87	11776.87	-	25.35 %
2019-20	21868.42	21868.42		46.98%	24698.44	24698.44		53.16 %
<b>Total</b>	<b>46546.42</b>	<b>46546.42</b>	<b>-</b>	<b>100.00%</b>	<b>46460.00</b>	<b>46460.00</b>	<b>-</b>	<b>100.00%</b>

#### 01. (b) Revised ADP allocation and progress:

(In Lakh Taka)

Financial year	Revised Allocation & Target				Taka release	Expenditure & physical progress.			
	Total	Taka	P.A.	Physical %		Total	Taka	P.A.	Physical %
1	2	3	4	5	6	7	8	9	10
2017-18	10000.00	10000.00	-	21.48%	10000.00	9979.51	9979.51	-	27.92%
2018-19	11000.00	11000.00	-	28.85%	11000.00	10988.47	10988.47	-	22.41%
2019-20	23200.00	23200.00	-	49.67%	23200.00	22026.32	22026.32	-	49.67%
<b>Total</b>	<b>44200.00</b>	<b>44200.00</b>	<b>-</b>	<b>100.00%</b>	<b>44200.00</b>	<b>42994.30</b>	<b>42994.30</b>	<b>-</b>	<b>100.00%</b>

### D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

Objective as per DPP	Actual achievement	Reasons for shortfall, if any.
(a) To Protect Brahmaputra Right Flood Embankment (km.143.300 to 153.300) from engulfment of the right bank of Jamuna River and flood protection of 50000 ha gross project area from flash flood.	BRE embankment has been protected from river erosion. Also nearly 4000 ha of land (including 450 ha semi-urban land) have been protected from river erosion. Entire project area 50000 ha has been protected from flood.	<b>No shortfall</b>
(b) To protect School, Mosque, Bazar, Union Complex, Health Complex, Government and Semi Government Infrastructure, Agricultural Land, Homestead, Road etc. from erosion of the right bank of Jamuna River.	Land and establishment worth Tk. 1987.50 crore have been protected.	
(c) To maintain river alignment in a sustainable thalweg for sustainable river management.	Protective work has ensured fixed and sustainable river alignment.	
(d) To increase socio-economic development by enhancement natural security against river erosion.	Socio-economic development has been ensured.	
(e) To mitigate environmental impact and ecological imbalance by protection of bank line.	Negative environmental impact has been mitigated and ecological balance has been ensured.	

### E. BENEEFIT ANALYSIS :

#### 01. Annual Out-put:

Items of out-put	Unit	Estimated quantity expected at full capacity	Actual quantity of out-puts during the 1 <sup>st</sup> year of operation at full capacity (or during real production for newly completed project)
1	2	3	4
Safeguard to river bank erosion:			
Agriculture Land	ha.	5000.00	5000.00
Per year value of crop which will be saved	Mt	292000.00	292000.00
Homestead	Nos	25500.00	25500.00
Pond including the value of Fish	Nos	50	50
Electric Line Transformar etc.	Nos	20	20
Hat, Bazar ( including shops)	Nos	20	20
Schools, Colleges, Mosques, UP Office, Family Planning Office & other Govt. Building.	Nos	165	165
Upazila Complex, Upazila Hospital & Govt Food Godown	Nos	3	3
Highway / Metaled Road	Km	25	25
Non Metaled Road	Km	40	40
Bridges & Culverts	Nos	26	26
Flood Control Embankment	Km	15	15
Small Industry/ Private Establishments & Handloom	Nos	1200	1200

#### 02. Cost / Benefit:

Item	Estimated	Actual
(1) Benefit cost of the project		It will be evaluated later by concern directorate of BWDB & IMED.
(i) Financial	1.33:1.00	
(ii) Economic	1.62:1.00	
(2) Internal rate of return		
(i) Financial	18.96%	
(ii) Economic	22.52%	

03. Please give reason for shortfall, if any, between the estimated and actual benefit: No Shortfall.

## F. MONITORING AND AUDITING.

### 01. Monitoring:

Name & Designation of the inspecting official	Date of inspection	Identified Problems	Recommendations
1	2	3	4
<b>(a) Ministry / Agency :</b>			
Md. Kabir Bin Anwar Senior Secretary, MoWR.	Several times	Not found	1. Physical works should be completed within stipulated time.
Md. Mahfuzur Rahman DG, BWDB.	Several times	Not found	1. Quality of materials should be ensured according to Standard Schedule of Rates Manual, Volume-I (Item Description and Specification of Materials) of BWDB.
Mahmudul Islam Additional Secretary, MoWR.	Several times	Not found	
Md. Yousuf Additional Secretary, MoWR.	30/03/18	Not found	
Mantu Kumar Biswas Joint Chief, MoWR.	Several times	Not found	
Khondaker Khalequzzaman ADG (West Region), BWDB	Several times	Not found	
Md. Habibur Rahman ADG (West Region), BWDB	Several times	Not found	
Md. Motaher Hossain ADG (Planning) and Ex-Chief Engineer, Design, BWDB.	Several times	Not found	
Md. Abdul Azim Chowdhury Joint Chief (Irrigation), Planning Commission	Several times	Not found	
MD. Jane Alom Deputy Chief, MoWR	Several times	Not found	
A K M Abul Kalam Azad Deputy Chief, Planning Commission.	Several times	Not found	
Md. Foridul Islam Senior Assistant Chief, Planning Commission.	Several times	Not found	
Abu Usuf Mohammad Rasel Senior Assistant Chief, MoWR.	Several times	Not found	
Mohammad Ali Chief Engineer, Rajshahi Zone, BWDB.	Several times	Not found	
A.K.M. Shafiqul Haque Chief Engineer, Rajshahi Zone, BWDB.	Several times	Not found	
Syed Hasan Imam PEng. PD & Superintending Engineer, Bogura O&M Circle, BWDB, Bogura.	Several times	Not found	
Tariq Abdullah Al Fayyaz PD & Superintending Engineer, Bogura O&M Circle, BWDB, Bogura.	Several times	Not found	

Name & Designation of the inspecting official	Date of inspection	Identified Problems	Recommendations
1	2	3	4
(b) IMED :			
MD. Mahmudul Hasan DD, IMED.	Several times	Not found	
(c) Others (Please specify):			
Deputy Commissioner, Sirajganj.	Several times	Not found	

## 02. Auditing during and after Implementation:

### 2.1. Internal Audit: Not Conducted.

Period of Audit	Date of submission of Audit Report.	Major findings/ objections	Whether objection resolved or not.
1	2	3	4
-	-	-	-

### 2.2. External Audit:

Audit Period	Date of submission of Audit Report.	Major findings/objections	Whether objection resolved or not.
1	2	3	4
2017-18	01-03-2019	<p>শিরোনাম : একই চেইনেজ/কিমিঃ এর মধ্যে ভিন্ন ভিন্ন ২টি প্রকল্পের বৈতত্যার মাধ্যমে (২য়) কার্য সম্পাদনের মাধ্যমে সরকারের ৪,১২,৩১,৪২৭/- টাকা অপচয়।</p> <p>বিবরণ : নির্বাহী প্রকৌশলী, সিরাজগঞ্জ পথের বিভাগ, বাপাউবো, সিরাজগঞ্জ কার্যালয়ের ২০১৭-২০১৮ আর্থিক সালের হিসাব গত ২০-০২-২০১৯ খ্রিঃ হতে ০১-০৩-২০১৯ খ্রিঃ পর্যন্ত সময়ে স্থানীয়ভাবে নিরীক্ষা করা হয়। নিরীক্ষাকালে সিসিটিএফ এর অর্থায়নে বাস্তবায়নধীন "জলবায়ু পরিবর্তনের বিরূপ প্রভাব মোকাবেলায় সিরাজগঞ্জ জেলার সিরাজগঞ্জ সদর ও কাজিপুর উপজেলাধীন ব্রহ্মপুত্র ডানতীর বন্যা নিয়ন্ত্রণ বাঁধের বিআরই কিমিঃ ১৩৯.০০ হতে কিমিঃ ১৬২.০০ এর মধ্যে ১৭.০০ কিমিঃ বাঁধ পুনর্বাসন প্রকল্পের মেয়াদ বৃদ্ধি সংক্রান্ত প্রস্তাবের বিভিন্ন রেকর্ডপত্র এবং খুদবান্দি, সিংড়াবাড়ী ও শুভগাছা প্রকল্পের প্যাকেজ নং-১১ এর প্রাক্কলন, কার্যাদেশ, চুক্তিপত্রসহ প্রাসঙ্গিক রেকর্ডপত্র পর্যালোচনা করা হয়।</p> <p>পর্যালোচনায় দেখা যায় যে, প্রথমত: জলবায়ু পরিবর্তনের বিরূপ প্রভাব মোকাবেলায় সিরাজগঞ্জ জেলার সিরাজগঞ্জ সদর ও কাজিপুর উপজেলাধীন ব্রহ্মপুত্র ডানতীর বন্যা নিয়ন্ত্রণ বাঁধের বিআরই কিমিঃ ১৩৯.০০ হতে কিমিঃ ১৬২.০০ এর মধ্যে ১৭.০০ কিমিঃ বাঁধ পুনর্বাসন করা হয় ৮/১৩ হতে জুন/১৭ পর্যন্ত সময়ে সংশোধিত মেয়াদ জুন/১৯ পর্যন্ত এবং ব্যয় ৭২০.৭৩ লক্ষ টাকা। পরিশোধিত হয়েছে ৬৮৭.৮৭ লক্ষ টাকা অবশিষ্ট (৭২০.৭৩-৬৮৭.৮৭) = ৩২.৮৬ লক্ষ টাকা। পরিশোধের জন্য আগামী আগস্ট/১৩ হতে জুন/১৮ পর্যন্ত মেয়াদ বৃদ্ধির জন্য পানি সম্পদ মন্ত্রণালয়ের উন্নয়ন-১ অধিশাখা এর স্মারক নং ৪২.০০.০০০০.০৩৪.৪৪.০৩৯.১৮.৮ তারিখ ০৭/০১/২০১৯ খ্রিঃ এর মাধ্যমে পরিবেশ, বন ও জলবায়ু মন্ত্রণালয়ে পত্র প্রেরণ করা হয়।</p> <p>দ্বিতীয়ত: খুদবান্দি, সিংড়াবাড়ী ও শুভগাছা এলাকা সংরক্ষণ প্রকল্পের আওতায় কাজিপুর উপজেলার কিমিঃ ১৩৯.০০ হতে কিমিঃ ১৪৮.০০= ৯.০০ কিমিঃ রি-সেকশনিং ও শক্তিশালীকরণ কাজ প্যাকেজ নং কেইডব্লিউ-১১, আইডি নং ১৪৩৮৪৪, কার্যাদেশ নং ২৯৯ তারিখ ১৩/০২/২০১৮ খ্রিঃ এর মাধ্যমে চুক্তি মূল্য ৪,১২,৩১,৪২৭/- টাকায় বর্তমানে বাস্তবায়নধীন রয়েছে।</p> <p>প্রথম ও দ্বিতীয় কাজের নাম ভিন্ন হলেও প্রকৃত পক্ষে একই রাস্তার উপর কাজ বাস্তবায়ন হচ্ছে। প্রথম কাজটির বকেয়া পরিশোধ করার জন্য জুন/২০১৯ পর্যন্ত মেয়াদ বৃদ্ধির প্রক্রিয়াও চলমান রয়েছে। এতে প্রমাণিত হয়েছে একই বাঁধ/রাস্তা কিমিঃ ১৩৯.০০ হতে কিমিঃ ১৪৮.০০= ৯.০০ কিমিঃ অংশে দুইটি প্রকল্পের বৈতত্য এবং ভিন্ন ভিন্ন কাজটির নাম দিয়ে কার্য সম্পাদনের নামে সরকারের ৪,১২,৩১,৪২৭/- টাকা অপচয় করা হয়েছে।</p>	Answer is submitted through Competent Authority and resolve of the objection is under process.

Audit Period	Date of submission of Audit Report.	Major findings/objections	Whether objection resolved or not.
1	2	3	4
		<p>শিরোনাম : ২০১৭-২০১৮ অর্থ বছরে ডিপিপিতে নির্ধারিত আর্থিক সংস্থান (সীমা) অপেক্ষা অতিরিক্ত ৪৬,২৮,৫৬,৮১৯/- টাকা অনিয়মিত ব্যয়।</p> <p>বিবরণ : নির্বাহী প্রকৌশলী, সিরাজগঞ্জ পওর বিভাগ, বাপাউবো, সিরাজগঞ্জ কার্যালয়ের ২০১৭-২০১৮ অর্থ বছরের হিসাব ২০-০২-১৯ হতে ০১-০৩-১৯ খ্রিঃ পর্যন্ত সময়ে স্থানীয়ভাবে নিরীক্ষা করা হয়।</p> <p>নিরীক্ষাকালে ডিপিপি, ব্যাক হতে প্রাপ্ত, আর্থিক ব্যয়-বিবরণীসহ প্রাসঙ্গিক রেকর্ডপত্র পর্যালোচনা করা হয়।</p> <p>পর্যালোচনায় দেখা যায় যে, যমুনা নদীর তীরে সিরাজগঞ্জ জেলার কাজিপুর উপজেলায় খুদবান্দি, সিংড়াবাড়ী ও শুভগাছা এলাকা সংরক্ষণ প্রকল্পের (কেড নং-৫০৮৯০০) জন্য ২০১৭-২০১৮ অর্থ বছরে ডিপিপিতে নির্ধারিত আর্থিক সংস্থান (সীমা) অপেক্ষা অতিরিক্ত ৪৬,২৮,৫৬,৮১৯/- টাকা অনিয়মিতভাবে ব্যয় করা হয়েছে।</p> <p>অনিয়মের কারণ : অর্থ মন্ত্রণালয়ের অর্থ বিভাগের বাজেট অনুবিভাগ-২ শাখা-১১ এর পরিপত্র নম্বর-০৭.১১১.০৩১.০১.০০.০১৩.২০১০-৫৭৫ তারিখ-১৬-০৮-২০১৫ খ্রিঃ এর অনুচ্ছেদ নম্বর-৩৮ (৬) অনুযায়ী ডিপিপি/ডিপিপি অনুযায়ী বাজেট বরাদ্দের মধ্যেই অর্থ ব্যয় করতে হবে। আশোচ্য ফেড্রে উক্ত নির্দেশনা সার্বিকভাবে অনুসরণ করা হয়নি।</p>	Answer is submitted through Competent Authority and resolve of the objection is under process.
		<p>শিরোনাম : প্রাক্কলন প্রণয়ন এবং অনুমোদনের পূর্বেই ভূমি অধিগ্রহণ বাবদ অগ্রিম অর্থ পরিশোধ জড়িত টাকা ২,১০,০০,০০০/-</p> <p>বিবরণ : নির্বাহী প্রকৌশলী, সিরাজগঞ্জ পওর বিভাগ, বাপাউবো, সিরাজগঞ্জ কার্যালয়ের ২০১৭-২০১৮ অর্থ বছরের হিসাব ২০-০২-১৯ হতে ০১-০৩-১৯ খ্রিঃ পর্যন্ত সময়ে স্থানীয়ভাবে নিরীক্ষা করা হয়। নিরীক্ষাকালে বিল ডাউটারসহ প্রাসঙ্গিক নথি পর্যালোচনায় দেখা যায় যে, খুদবান্দি, সিংড়াবাড়ী ও শুভগাছা এলাকা সংরক্ষণ প্রকল্পের শীর্ষক প্রকল্পের ভূমি অধিগ্রহণ কাজে প্রাক্কলন প্রণয়ন ও অনুমোদনের পূর্বেই ভূমি অধিগ্রহণ বাবদ জেলা প্রশাসক, সিরাজগঞ্জকে ২,১০,০০,০০০/- টাকা অনিয়মিতভাবে অগ্রিম প্রদান করা হয়েছে।</p>	Answer is submitted through Competent Authority and resolve of the objection is under process.
2018-19	Yet to be conducted		
2019-20	Yet to be conducted		

## **G. DESCRIPTIVE REPORT**

### **1. General Observations/Remarks of the Project on:**

#### **1.1 Background**

The project area is located at the North part of Sirajganj District under Kazipur Upazila across the western/right of Jamuna River. Sirajganj District and its adjacent areas are now enriched with heavy communication facility and river training structures like Sirajganj Hard Point and Bangabandhu Bridge and the areas are historically well known as pioneer in Agriculture and Handloom production. Most of the handloom productions come from Sirajganj, which supplements to a great part in national economy. Huge quantity of agricultural lands and enormous nos. of public and private establishments ie; School College, Madrasha, Mosque, Textile Industries, Handloom Industries, Small and Cottage Industries are situated in project areas. The security of these important structures and priority places and industrial, agriculture & handloom growth centers are seriously threatened by continued bank erosion of the mighty unpredictable Jamuna River for last few years and flood protection facilities of the project area are also ceased since 1998. Meanwhile many movable and immovable properties of these areas are engulfed into the Jamuna River. Brahmaputra Right Embankment (BRE) constructed on the western bank of Jamuna River to protect the vast arable lands of 230000 hac against the ravages of yearly flood, had also to be retired several times in part of this area of Sirajganj due to severe bank erosion. BRE breaching also caused disruption of communication facilities of this region as because BRE of this part is being used as Bangabandhu Bridge Connecting Road & regional highway. Bank erosion in long stretch and engulfment of flood embankment had been resulted in significant economic and social impact to the locality.

The loss of land, crop and property had led to landlessness and impoverishment for thousands of households and handloom factories. Erosion displaced households were living as along the Brahmaputra Right Embankment (BRE) itself. Continued bank erosion also caused insecurity to the existence of milestone structures Kazipur Upazila Head Quarter, Many public and private social & industrial establishments, Brahmaputra Right Embankment (BRE) cum Bangabandhu Bridge Connecting Road and above all vast areas of valuable agricultural and settlement lands. River erosion at Kazipur Upazila of Sirajganj District and in adjacent area has taken serious turn requiring immediate implementation of Bank Revetment Work.

In that situation, on the demand of people from all sections of Kazipur Upazila of Sirajganj District this Development Project Proposal (DPP) has been prepared on priority consideration of immediate implementation to protect the Kazipur Upazila, Brahmaputra Right Embankment (BRE) cum Bangabandhu Bridge Connecting Road from the severe erosion of Jamuna River.

### 1.2 Justification/Adequacy:

Bangladesh is a riverine country and bank line erosion of different rivers has been a recurrent effect. River bank erosion in alluvial lands of Bangladesh is a complex and dynamic thrust of nature due to strong onrush of water and major variation in between normal water flow and surges of inflow during monsoon & post-monsoon period in each year. The monsoon discharge of the major rivers is so large that there is recurrence of floods every year. Sometimes it becomes very severe and causes immense damages impacted by occurrence of devastating river erosion. This has significant social and economic impacts. The loss of land, crop and property has led to landlessness and impoverishment of thousands of dwellers living within bank lines.

The large seasonal variation in river flow results in varying sediment transportation capacity and causes river-bank erosion, migration of river-banks and meandering river channels. In this context, there have been a growing concern and reassessment of the economic and socio-political benefits of protecting important towns, infrastructure, hats and bazars as well as agricultural land. The issue has been given due importance in the national planned documents for water sector and prioritized strategic locations of river banks have been stressed for phased implementation of river bank protection program at the apex level.

The overall objective of the project is to reduce environmental degradations and human hazards due to river erosion with ensuring safety of lives and properties around the area. Throughout the erection of proposed bank revetment works and retired embankment, safety of vast tract of agricultural lands and other immovable properties total worth of Tk. 1,98,725.00 lakh will be ensured against river erosion.

### 1.3. Objectives:

- To Protect Brahmaputra Right Flood Embankment (km.143.300 to 153.300) from engulfment of the right bank of Jamuna River and flood protection of 50000 hac. gross project area from flash flood.
- To protect School, Mosque, Bazar, Union Complex, Health Complex, Government and Semi Government Infrastructure, Agricultural Land, Homestead, Road etc. from erosion of the right bank of Jamuna River.
- To maintain river alignment in a sustainable thalweg for sustainable river management.
- To increase socio-economic development by enhancement natural security against river erosion.
- To mitigate environmental impact and ecological imbalance by protection of bank line.



#### 1.4. Project revision with reasons:

Protection of Khudbandhi, Singrabari and Shuvogacha area of Kazipur Upazila in Sirajganj District from erosion of the Jamuna River is a very important project from people's point of view. This project was approved by ECNEC on 13-09-2017. The Administrative Order from Ministry of Water Resources was issued on 18-10-2017. The project duration was from 1 July, 2017 to 30 June, 2020 and the project cost was Taka 46546.42 Lakh. The project was taken to protect Brahmaputra Right Flood Embankment from engulfment of the right bank of Jamuna River and flood protection of 2,49,792.00 ha gross project area from flood and maintain river alignment in a sustainable thallway for sustainable river management through river dredging work. After approval of the project, the Project Director was appointed on 13-11-2017.

Jamuna is a braided river and its morphological behavior is very much uncertain. After every flood of monsoon, it changes its courses. Representative from Ministry of Water Resources (MoWR) visited the project area to see the physical progress of the project according to the order of the Senior Secretary, MoWR from 18 to 19 January, 2019. The representative from MoWR gave an inspection report after visiting the project. In that report, he recommended to make a Technical Committee for some modification of some physical works such as river bank revetment works, dredging and rehabilitation of spurs. The Technical Committee, headed by Chief Engineer, Design, BWDB which was formed earlier by BWDB Board Secretariat vide its Memo No. BWDB(Sec)Planning-1/Misc-3/2018(1<sup>st</sup> Part)/111 dated: 23-09-2018 for the revision of this project was assigned to furnish a report incorporating recommendation made by representative from MoWR's in his Project Inspection Report.

The Technical Committee considering massive morphological changes due to severe flood in 2017 and flood in 2018 along the river in the project area, recommended the following:

- Out of 10 packages of completed/running river bank protective work, six packages (KPW-04, KPW-05, KPW-06, KPW-07, KPW-09 & KPW-10) is to be repaired according to revised design and completed the packages within the DPP cost.
- Char/inundated char in two places (2 km length in each place) should be removed/excavated instead of 18 km length dredging work.
- Additional rehabilitation work should be done in other 2 nos. of spurs in the project area within the DPP cost.
- Between two portion of river bank protective works of this project, there are almost 7.0 km length river bank which is not protected. 1.955 km of river bank protective work should be implemented which is most vulnerable within the total DPP cost.

A DPEC meeting for 1<sup>st</sup> revision of DPP was held on 25-04-2019 in the Ministry of Water Resources. The honourable Senior Secretary, MoWR presided the DPEC meeting. The 1<sup>st</sup> Revised DPP was prepared according to recommendation of that PEC meeting.

## **2. Rationale of the project in respect of Concept, Design, Location and Timing:**

Bangladesh is a densely populated with poor natural resources base, lack of industrialization and vulnerability to natural disasters; like flooding, river bank erosion, saline inundation and cyclones etc. made Bangladesh as one of the undeveloped countries in the world. The major problem responsible for poverty includes high level of landlessness due to river bank erosion (i.e. population displacement and potential erosion damages and losses to productive agricultural and urban land and severe damage to property and infrastructure), recurrent floods, unemployment, illiteracy and malnutrition. The population of the Project area is very dense (about 1575 per square kilometer) and landless population is about 40-50%, who is now living as squatters in BRE and other Govt. areas. Socio-economic development of the people through agriculture and business generation development providing flood control support and protection of potential lands, infrastructures of towns and rural areas from erosion damages is the main objective to alleviate poverty of the area. The project is placed in environmental screening category B since it's bank protective works do not create irreversible and diverse adverse physical and social impacts. Identifiable adverse impacts were confined to the implementation period. As such, the intervention by providing river bank protective work has very little impacts or no negative impacts in and around the area. The project would prevent the erosion and loss of about 4000 ha of riparian land including about 450 ha of urban and semi-urban built-up area in the vicinity of the Khudbandhi, Singrabari & Shuvogacha areas and protect a population of about 3,50,000 people from loss of livelihood, property, displacement and impoverishment. It would also prevent severe flood damage to crops, property and infrastructure as a result of breaching caused by river bank erosion of the project site.

## **3. Brief description on planning and financing of the project and its applicability.**

### **◆ Project Identification:**

The project area is located at the North part of Sirajganj District across the western/right of Jamuna River to protect Khudbandhi, Singrabari and Shuvogacha area of Kazipur Upazila. Main components of this project are to construct 5.955 km bank revetment work, 40.00 km resectioning/construction of Brahmaputra Right Embankment (BRE), rehabilitation of 4 nos. of spurs and removal/excavation of char/ inundated char (4.00 km).

### **◆ Project Preparation:**

To protect Khudbandhi, Singrabari and Shuvogacha area of Kazipur Upazila in Sirajganj District from severe erosion of the Jamuna River, a Technical Committee was formed by Board Secretariat of BWDB vide its Memo No. 360-BWDB/Sec/West Region/Shakha-1 dated: 01-12-2016. On the Recommendation of the Technical Committee, DPP was furnished.

### **◆ Appraisal/ PEC Meeting in Planning Commission:**

The PEC meeting was held on 18-04-2017 at Planning Commission. As per decision of PEC meeting the DPP was corrected and sent to the ECNEC for approval the above project.

- ◆ **Credit Negotiation:** Not Applicable.
- ◆ **Credit Agreement:** Not Applicable.
- ◆ **Credit Effectiveness:** Not Applicable.
- ◆ **Loan Disbursement:** Not Applicable.
- ◆ **Loan Conditionality:** Not Applicable.
- ◆ **Project Approval:**

The Project was approved by ECNEC on 13-09-2017 and 1<sup>st</sup> Revised DPP was approved by MoWR on 22-05-2019.

- ◆ **Others (if any):** Nill.

#### **4. Analysis of the Post-Implementation situation and result of the project:**

- 4.1 Whether the beneficiaries of the project have clear knowledge about the Target/ Objectives of the project.**

Yes.

- 4.2 Programme for use of created-facilities of the project**

The stack holders are directly taking advantages of the created facilities of the project.

- 4.3 O & M programme of the project.**

After complementation of the project major repair/rehabilitation works will be accomplished from regular O&M budget of BWDB.

- 4.4 Impact of the project -**

##### **4.4.1 Direct**

- Protection of existing Brahmaputra Right Bank Flood Control Embankment (BRE), vast arable lands and other public and private properties valued approximately Tk. 1,98,725.00 lakh under Khudbandhi, Singrabari and Shuvogacha and adjacent area of Kazipur Upazila in the District of Sirajganj from the erosion of right bank of Jamuna River have been ensured by execution of 5.955 km revetment works along the vulnerable river bank.
- Kazipur Upazila in the District of Sirajganj has been protected from the devastation flood of Jamuna River by execution of 40.000 km Re-sectioning of Embankment along the vulnerable river bank.

##### **4.4.2. Indirect**

- River alignment has been maintained in a sustainable thalweg for sustainable river management.
- Socio-economic condition has improved in the project aca.
- Environmental impact has been mitigated and ecological balance has been established.

**4.5 Transfer of Technology and Institutional Building through the project**

Not Applicable.

**4.6 Employment generation through the project.**

A large number of skilled/unskilled workers were employed during construction period.

**4.7 Possibility of Self employment**

There are possibilities of self-employment as existing commercial, industrial and business centres are protected from river bank erosion and the environmental degradation.

**4.8 Possibility of women-employment opportunity**

Yes, there are possibilities of women-employment through the project benefited area enhanced.

**4.9 Women's participation in development**

Yes.

**4.10 Probable Impact on Socio-Economic activity.**

By protecting the river bank erosion, various infrastructures are saved from the erosion. As a result socio-economic balance in the locality is enhanced.

**4.11 Impact on environment**

Environmental enhancement is achieved through the implementation of the project.

**4.12 Sustainability of the project**

The project is sustained but requires periodic maintenance.

**4.13 Contribution to poverty alleviation/reduction**

The project has direct contribution and impact on poverty alleviation/reduction.

**4.14 Opinion of the public representatives, local elite, local administration, teachers, religious leaders, women's representatives etc.**

Positive remarks regarding the project.

**4.15 Contribution of Micro-credit programmes and Comments on overlapping with any NGO activities.**

Not Applicable.

**5. Problems encountered during Implementation (with duration & steps taken to remove those)**

<b>Project Management</b>	N/A.
<b>Project Director</b>	N/A.
<b>Land Acquisition</b>	N/A.
<b>Procurement</b>	N/A.
<b>Consultancy</b>	N/A.
<b>Contractor</b>	N/A.



<b>Manpower</b>	N/A.
<b>Law &amp; Order</b>	N/A.
<b>Natural calamity</b>	Due to severe flood in July/2019, the completed river bank protective work of 0.350 km of Package No. KPW-05 was damaged. Then a high level committee was formed to solve the issue. They were: (a) Mr. Mahmudul Islam, Additional Secretary, MoWR (b) Mr. Mantu Kumar Biswas, Joint Chief, MoWR (c) Mr. Md. Habibur Rahman, ADG (West Region), BWDB and (d) Mr. Motaher Hossain, now ADG (Planning) (the then Chief Engineer, Design), BWDB. The committee changed the alignment of the protective work and also modified the design of the protective work in three packages. Then the work was implemented successfully in time and within the RDPP cost.
<b>Project financing, allocation and release</b>	N/A.
<b>Design formulation /approval</b>	N/A.
<b>Project aid disbursement and re-imbursement</b>	N/A.
<b>Mission of the development partners.</b>	N/A.
<b>Time &amp; Cost Over-run</b>	N/A.
<b>Project Supervision /Inspection</b>	N/A.
<b>Delay in Decision</b>	N/A.
<b>Transport</b>	N/A.
<b>Training</b>	N/A.
<b>Approval</b>	N/A.
<b>Others</b>	N/A.

#### 6. Remarks & Recommendations of the Project Director:

The main objective of the project is to protect existing Brahmaputra Right Bank Flood Control Embankment (BRE), vast arable lands and other public and private properties valued approximately Tk. 1,98,725.00 lakh under Khudbandhi, Singrabari and Shuvogacha and adjacent area of Kazipur Upazila in the District of Sirajganj from the erosion of right bank of Jamuna River by execution of 5.955 km river bank protective works, 40.000 km Re-sectioning of Embankment along the vulnerable river bank, rehabilitation of 4 nos. of spurs and removal/excavation of char/inundated char (4.00 km). Due to implementation of the project, physical safety and sense of security among the people of the project area have been developed, resulting in enhanced investment in housing and commercial buildings, enhanced investment in business and development work and have also caused positive impacts on agriculture and fish resources production and land prices. These all components will enhance the opportunity of employment and poverty alleviation.

The very nature & objective of this project have direct relevance with the natural objective of attaining self-reliance, generation of rural employment, poverty alleviation especially for rural poor section, creation of social & environmental balance & building of economic infrastructures for the future generation to sustain due to river erosion mitigation.

The commencement and completion of the project is schedule to be accomplished in 2017-2018 to 2019-2020 as per approved DPP (1<sup>st</sup> Revised) and accordingly implementation completion has been achieved.

The Project is specifically linked with SDGs (Goal 1,5,6,13 and17). The Ministry of Water Resources has been engaged in all programs relating to water sector development and management. It will continue to deal with flood erosion protection. There are other Bangladesh Development Goals which have to be achieved through Poverty Reduction Strategy. So, Water Sector has a vision for development and management of Water Resources over medium and long term. The vision for water resources sector has been indicated in the declaration of the National Water Policy document of GOB (1999). Vision, incorporated in the document is as follows:

*"Ensuring continued progress towards fulfilling the national and MDG goals of development through acquisition of water resources, optimizing its various use, managing resources for poverty reduction and sustainable development for securing their lives and properties from water related disasters".*

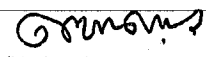
As water is a cross cutting resource, its use is broad-based. Water is a resource on the one hand and a mainstay of livelihoods on the other. So, the goal is not confined within the water sector alone, it extends deep into the livelihoods functions of water (e.g. agriculture, fisheries, health, land reclamation, environment etc. including disasters and climate change). All of these have direct or indirect implications for poverty reduction.

Incompliance of the above, DPP (1<sup>st</sup> Revised) of the project costing Tk.46460.00 Lakh was approved on 22-05-2019 for implementation of 5.955 km bank protective work, 40.000 km Re-sectioning of Embankment along the Right bank of the Jamuna River, rehabilitation of 4 nos. of spurs and removal/excavation of char/inundated char (4.00 km) in Khudbandhi, Singrabari and Shuvogacha and adjacent area of Kazipur Upazila in the District of Sirajganj during FY 2017-2018 to FY 2019-2020 and the same has been achieved accordingly.

It may be mentioned here that, there was a gap of 7.00 km between two portion of protective works completed under this project. In the 1st revised DPP, as per recommendation of Technical Committee and DPEC, the most vulnerable portion, 1.955 km of protective work was included in this DPP (1<sup>st</sup> Revised) within that gap of 7.00 km and that was implemented successfully in time. More 4.80 km of river bank protection work in that gap of 7.00 km and 1.20 km of river bank protection work in Patchthakury area along the right bank of Jamuna river after the downstream end of this project is very much necessary for long term sustainable of this project. For this 6.00 km (4.80 km+1.20 km) of river bank protection work along the right bank of Jamuna river, a separate DPP has been prepared. The PEC meeting on this new DPP was held on 20/11/2019 in the Planning Commission. According to decisions/observations/comments of PEC meeting, the DPP was corrected and modified. This new DPP is now lying with Planning Commission for further necessary action and approval from ECNEC.

**Recommendation:** Proper Monitoring and regular maintenance of the implemented revetment works are required for more sustainability of the project.

Date... 03/09/2020

  
(Tariq Abdullah Al Fayyaz)  
Superintending Engineer  
Bogura O&M Circle  
&  
Project Director

Protection of Khudbandhi, Singrabari and Shuvogacha area  
of Kazipur Upazila in Sirajganj District from erosion of the  
Jamuna River Project (1st Revised).

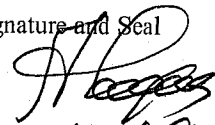
**07. Remarks/ Comments of Agency Head.**

Implementation of this project has ensured safety to BRE, lands and establishments from bank erosion of the Jamuna river in Sadar and Kazipur upazilla of Sirajganj district. About 5000 ha area is now safe from flood. Fixed and sustainable river alignment has been ensured by the river bank protection works. A crossbar at Baidikholra has been constructed with dredged material under this project that leads land reclamation in this area. This project is one of the successful projects of BWDB.

Date.....

**08. Remarks/ Comments of the officer in-charge of the Ministry / Division.**

Signature and Seal

  
15.09.2020

(A. M. Aminul Haque)  
Director General  
BWDB, Dhaka.

Date.....

Signature and Seal.

