



## BANGLADESH WATER DEVELOPMENT BOARD

### PROJECT COMPLETION REPORT

IMED FORM NO. : 04/2003 (Revised)

NAME OF PROJECT : PROTECTION OF CHANDPUR IRRIGATION PROJECT FROM EROSION OF THE MEGHNA RIVER AT IBRAHIMPUR-SAKHUA ADJACENT TO PURAN BAZAR OF CHANDPUR DISTRICT (1ST REVISED).

DIVISION : CHANDPUR O&M DIVISION, BWDB, CHANDPUR

CIRCLE : CHANDPUR O&M CIRCLE, BWDB, CHANDPUR

ZONE : EASTERN ZONE, BWDB, COMILLA.

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

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

**A. PROJECT DESCRIPTION:**

01. Name of the Project : Protection of Chandpur Irrigation Project from Erosion of the Meghna River at Ibrahimpur-Sakhua adjacent to Puran Bazar of Chandpur District (1st Revised).
02. Administrative Ministry/Division : Ministry of Water Resources
03. Executing Agency : Bangladesh Water Development Board
04. Location of the Project : Chandpur sadar upazilla, District- Chandpur
05. Objective of the Project :

The main objectives of the project is to protect Ibrahimpur-Sakhua area adjacent to the Puran Bazar of Chandpur Town along with its important business centre and private/public properties and the very existence of the North-Western flood control embankment of Chandpur Irrigation Project (CIP) from the devastating erosion of the Meghna river. The embankment of CIP is very important to safeguard the project area including its various infrastructures and communication network which grow over the years since its implementation.

06. Estimated Cost :

(In Lakh Taka)

|                      | Original | Latest Revised |
|----------------------|----------|----------------|
| (a) Total            | 15571.84 | 17095.48       |
| (b) Taka             | 15571.84 | 17095.48       |
| (c) Foreign Currency | --       | --             |
| (d) Project Aid      | --       | --             |
| (e) RPA              | --       | --             |

07. Date of Approval :

PCP

DPP

|                    |   |    |            |
|--------------------|---|----|------------|
| (a) Original       | : | -- | 13-04-2010 |
| (b) Latest Revised | : | -- | 09-04-2012 |

08. Implementation Period :

|                    | Date of Commencement | Date of Completion |
|--------------------|----------------------|--------------------|
| (a) Original       | 01-04-2010           | 30-06-2012         |
| (b) Latest Revised | 01-04-2010           | 30-06-2013         |
| (c) Actual         | 01-04-2010           | 30-06-2015 *       |

\* পরিকল্পনা কমিশন, কৃষি, পানি সম্পদ ও পল্লী প্রতিষ্ঠান বিভাগ, সেচ উইং এর স্মারক নং-২০.৩৫৮.০১৪.০১.০৩.৪৬৬.২০০৯/১০৫, তারিখ: ২৩/১০/২০১৩ খ্রিঃ মোতাবেক জুন/২০১৪ইং পর্যন্ত এবং স্মারক নং-২০.৩৫৮.০১৪.০১.০৩.৪৬৬.২০০৯/৫(১), তারিখ: ০৬/০১/২০১৫ খ্রিঃ মোতাবেক জুন/২০১৫ইং পর্যন্ত ব্যয় বৃদ্ধি ব্যতিরেকে প্রকল্পের মেয়াদ বৃদ্ধি অনুমোদন করা হয়।

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## 09. Financing Arrangement (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 Effective-ness | Date of Closing |         |
|----------------|---------------------------|--------------------------|-----------------------------------------|-------------------|------------------------|-----------------|---------|
|                |                           |                          |                                         |                   |                        | Original        | Revised |
| 1              | 2                         | 3                        | 4                                       | 5                 | 6                      | 7               | 8       |
| Not applicable |                           |                          |                                         |                   |                        |                 |         |

## b) GOB :

(In lakh Taka)

| Total amount | Loan | Grant    | Cash Foreign Exchange |
|--------------|------|----------|-----------------------|
| 1            | 2    | 3        | 4                     |
| 17095.48     | -    | 17095.48 | -                     |

## 9.2 Utilization of Project Aid : (source wise)

(In million)

| Source (s)     | 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                 |
| Not applicable |              |                   |                    |                   |                   |                   |

## 9.3 Reimbursable Project Aid (RPA) :

(In lakh Taka)

| R P A Amount   |                  | Amount Spent | Amount Claimed | Amount re-imbursed | Remarks |
|----------------|------------------|--------------|----------------|--------------------|---------|
| As per PP      | As per Agreement |              |                |                    |         |
| 1              | 2                | 3            | 4              | 5                  | 6       |
| Not applicable |                  |              |                |                    |         |

**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       |
| April-2010 to June-2012          | April-2010 to June-2013 | April-2010 to June-2015      | 133.33%                                             |         |

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       | 15571.84       | 17095.48       | 16601.00           | 6.61                               | Due to increase of work scope from 4400m length to 5676.26m length. |
| TAKA        | 15571.84       | 17095.48       | 16601.00           | 6.61                               |                                                                     |
| PA          | --             | --             | --                 | --                                 |                                                                     |

03. Project Personnel :

| Sanctioned strength as per DPP | Manpower employed during execution | Status of the existing manpower         |                           |        | Manpower Employed |        |
|--------------------------------|------------------------------------|-----------------------------------------|---------------------------|--------|-------------------|--------|
|                                |                                    | Manpower requirement for O&M as per DPP | Existing manpower for O&M | Others | Male              | Female |
| 1                              | 2                                  | 3                                       | 4                         | 5      | 6                 | 7      |
| Officer (s)                    | 7                                  | 5                                       | 5                         | --     | --                | --     |
| Staff (s)                      | 14                                 | 14                                      | 14                        | --     | --                | --     |
| Total :                        | 21                                 | 19                                      | 19                        | --     | --                | --     |

\* The project is implemented by the existing manpower of BWDB. No separate manpower is engaged for the project.

04. Training of Project Personnel (Foreign/Local) :

| Field of Training/<br>Study tour/workshop/<br>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                                                 |                     |            | Not applicable   |            |         |
| b. Local                                                   |                     |            | Not applicable   |            |         |

## 05. Component-wise Progress (As per latest approved DPP):

| Items of work<br>(as per PP)                                                                                                                 | Unit | Target (as per DPP) |                        | Actual Progress |                        | Reasons for deviation (±)                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|------------------------|-----------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                              |      | Financial           | Physical<br>(Quantity) | Financial       | Physical<br>(Quantity) |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1                                                                                                                                            | 2    |                     | 4                      |                 | 6                      | 7                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Telex/Fax,                                                                                                                                   | No   | 0.50                | 1 No.                  | 0.50            | 1 No.                  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Stationary                                                                                                                                   | L.S  | 4.50                | 1 item                 | 4.50            | 1 item                 |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Printing & Publications                                                                                                                      | L.S  | 6.00                | 1 item                 | 6.00            | 1 item                 |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Motor Cycle (125CC)                                                                                                                          | No.  | 6.00                | 3Nos                   | 6.00            | 3Nos                   |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Survey Instrument Plane<br>table and leveling<br>instrument including Staff,<br>Stand etc.                                                   | Sets | 2.99                | 2 Sets                 | 2.99            | 2 Sets                 |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Computer : Brand Pentium<br>IV with Laser Printer &<br>accessories                                                                           | No.  | 4.00                | 4 Nos                  | 4.00            | 4 Nos                  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Photocopier                                                                                                                                  | No.  | 0.99                | 1 No                   | 0.99            | 1 No                   |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| River Bank Protection<br>Work on the left bank of<br>Meghna river at<br>Ibrahimpur-Sakhua<br>adjacent to Puran Bazar of<br>Chandpur district | m    | 17020.50            | 5676.26m<br>(100%)     | 16526.19        | 5676.26m<br>(98.43%)   | Financial progress is less than the<br>DPP amount due to less quoting<br>amount by the contractor.<br>Protective work on 5676.26 m<br>length along left bank of Meghna<br>river is completed as per design &<br>specification. Reserve cc blocks<br>couldn't be manufactured on<br>desired amount due to various<br>reasons described in annexure-1.<br>That's why 100% physical progress<br>couldn't be achieved. |
| O&M during construction                                                                                                                      | L.S  | 50.00               | 1 item                 | 49.83           | 1 item                 |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Total=</b>                                                                                                                                |      | <b>17095.48</b>     | <b>100%</b>            | <b>16601.00</b> | <b>98.43%</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                    |

## 06. Information regarding Project Director (s) :

| Name & Designation with pay Scale                                           | Full time | Part<br>time | responsible for<br>more than one<br>project | Date     |            | Remarks |
|-----------------------------------------------------------------------------|-----------|--------------|---------------------------------------------|----------|------------|---------|
|                                                                             |           |              |                                             | Joining  | Transfer   |         |
| 1                                                                           | 2         | 3            | 4                                           | 5        | 6          | 7       |
| Mr. Md. Hafizur Rahman<br>Superintending Engineer<br>Scale: 25750-33750/=   | Part time | -            | Yes                                         | 20-12-09 | 07-01-10   |         |
| Mr. Reazuddin Ahmed<br>Superintending Engineer<br>Scale: 25750-33750/=      | Part time | -            | Yes                                         | 08-01-10 | 23-02-11   |         |
| Mr. Aftab Uddin Ahmed<br>Superintending Engineer<br>Scale: 25750-33750/=    | Part time | -            | Yes                                         | 24-02-11 | 04-05-14   |         |
| Mr. Ehsanur Rashid<br>Superintending Engineer<br>Scale: 25750-33750/=       | Part time | -            | Yes                                         | 05-05-14 | 07-06-14   |         |
| Mrs. Kamrun Nessa. PEng.<br>Superintending Engineer<br>Scale: 25750-33750/= | Part time | -            | Yes                                         | 08-06-14 | Till today |         |

## 07. Procurement of Transport (In Nos.) :

| Type of transport | Number as per D.P.P | 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       | 3 Nos               | June/10            | --                                      | --                           | --                           |         |

Equipment: Survey Instrument.

| Type of Equipment                                                                    | Number as per D.P.P | Procured with date | Transferred to equipment pool with date | Transferred to O&M with date | Condemned/ damaged with date | Remarks |
|--------------------------------------------------------------------------------------|---------------------|--------------------|-----------------------------------------|------------------------------|------------------------------|---------|
| 1                                                                                    | 2                   | 3                  | 4                                       | 5                            | 6                            | 7       |
| Survey Instrument<br>Plane table and leveling instrument including Staff, Stand etc. | 2 sets              | June/10            | --                                      | --                           | --                           |         |

## 08. Procurement of Goods, Works and Consultancy Services:

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

| Description of procurement (goods/works/ 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 ed value | Invitation date     | Contract signing/ L.C opening date | As per contract                                           | Actual   |
| 1                                                                                                                                                                                                                                                                                                           | 2                                         | 3                 | 4                   | 5                                  | 6                                                         | 7        |
| Making & Supplying of non-woven needle punched (empty) 250 kg Geotextile Bags for protective work from km. 1.430 to km. 1.930 at Ibrahimpur in Chandpur Sadar Upazila in the district Chandpur under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/GW1/09-10) | 7.77                                      | 7.77              | 26/04/10            | 06/07/10                           | 31/10/11                                                  | 31/10/11 |
| Making & Supplying of non-woven needle punched (empty) 250 kg Geotextile Bags for protective work from km. 1.930 to km. 2.430 at Ibrahimpur in Chandpur Sadar Upazila in the district Chandpur under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/GW2/09-10) | 7.77                                      | 7.77              | 26/04/10            | 27/06/10                           | 31/10/11                                                  | 31/10/11 |
| Making & Supplying of non-woven needle punched (empty) 250 kg Geotextile Bags for protective work from km. 2.430 to km. 2.930 at Ibrahimpur in Chandpur Sadar Upazila in the district Chandpur under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/GW3/09-10) | 7.77                                      | 7.77              | 26/04/10            | 24/06/10                           | 31/10/11                                                  | 31/10/11 |
| Making & Supplying of non-woven needle punched (empty) 250 kg Geotextile Bags for protective work from km. 2.930 to km. 3.430 at Ibrahimpur in Chandpur Sadar Upazila in the district Chandpur under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/GW4/09-10) | 7.78                                      | 7.78              | 29/04/10            | 24/06/10                           | 31/10/11                                                  | 31/10/11 |
| Making & Supplying of non-woven needle punched (empty) 250 kg Geotextile Bags for protective work from km. 3.430 to km. 3.930 at Ibrahimpur in Chandpur Sadar Upazila in the district Chandpur under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/GW5/09-10) | 7.78                                      | 7.78              | 29/04/10            | 24/06/10                           | 31/10/11                                                  | 31/10/11 |

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| Description of procurement (goods/works/ 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 ed value | Invitation date     | Contract signing/ L.C opening date | As per contract                                           | Actual   |
| 1                                                                                                                                                                                                                                                                                                           | 2                                         | 3                 | 4                   | 5                                  | 6                                                         | 7        |
| Making & Supplying of non-woven needle punched (empty) 250 kg Geotextile Bags for protective work from km. 3.930 to km. 4.430 at Ibrahimpur in Chandpur Sadar Upazila in the district Chandpur under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/GW6/09-10) | 7.78                                      | 7.78              | 29/04/10            | 24/06/10                           | 31/10/11                                                  | 31/10/11 |
| Making & Supplying of non-woven needle punched (empty) 250 kg Geotextile Bags for protective work from km. 4.430 to km. 4.930 at Sakhua in Chandpur Sadar Upazila in the district Chandpur under Chandpur O&M Division, BWDB, Chandpur during the year 2010-2011 & 2011-2012 (Package No. IS/GW7/10-11)     | 7.79                                      | 7.79              | 22/07/10            | 07/11/10                           | 31/01/12                                                  | 31/01/12 |
| Making & Supplying of non-woven needle punched (empty) 250 kg Geotextile Bags for protective work from km. 4.930 to km. 5.430 at Sakhua in Chandpur Sadar Upazila in the district Chandpur under Chandpur O&M Division, BWDB, Chandpur during the year 2010-2011 & 2011-2012 (Package No. IS/GW8/10-11)     | 7.79                                      | 7.79              | 22/07/10            | 07/11/10                           | 31/01/12                                                  | 31/01/12 |
| Making & Supplying of non-woven needle punched (empty) 250 kg Geotextile Bags for protective work from km. 5.430 to km. 5.830 at Sakhua in Chandpur Sadar Upazila in the district Chandpur under Chandpur O&M Division, BWDB, Chandpur during the year 2010-2011 & 2011-2012 (Package No. IS/GW9/10-11)     | 5.00                                      | 5.00              | 22/07/10            | 07/11/10                           | 31/01/12                                                  | 31/01/12 |
| River bank protection work from km. 1.430 to km 1.930 located at Ibrahimpur in Chandpur Sadar Upazila in the district under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/W1/09-10)                                                                           | 6.78                                      | 5.37              | 26/04/10            | 15/07/10                           | 31/12/11                                                  | 26/06/12 |
| River bank protection work from km. 1.930 to km 2.430 located at Ibrahimpur in Chandpur Sadar Upazila in the district under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/W2/09-10)                                                                           | 6.79                                      | 5.32              | 26/04/10            | 21/07/10                           | 31/12/11                                                  | 26/06/12 |
| River bank protection work from km. 2.430 to km 2.930 located at Ibrahimpur in Chandpur Sadar Upazila in the district under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/W3/09-10)                                                                           | 6.38                                      | 5.54              | 26/04/10            | 15/07/10                           | 31/12/11                                                  | 26/06/12 |
| River bank protection work from km. 2.930 to km 3.430 located at Ibrahimpur in Chandpur Sadar Upazila in the district under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/W4/09-10)                                                                           | 6.83                                      | 5.35              | 29/04/10            | 21/07/10                           | 31/12/11                                                  | 26/06/12 |
| River bank protection work from km. 3.430 to km 3.930 located at Ibrahimpur in Chandpur Sadar Upazila in the district under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/W5/09-10)                                                                           | 6.00                                      | 4.90              | 29/04/10            | 15/07/10                           | 31/12/11                                                  | 26/06/12 |
| River bank protection work from km. 3.930 to km 4.430 located at Ibrahimpur in Chandpur Sadar Upazila in the district under Chandpur O&M Division, BWDB, Chandpur during the year 2009-2010 & 2010-2011 (Package No. IS/W6/09-10)                                                                           | 6.85                                      | 5.44              | 29/04/10            | 15/07/10                           | 31/12/11                                                  | 26/06/12 |

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| Description of procurement (goods/works/ 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 ed value | Invitation date     | Contract signing/ L.C opening date | As per contract                                           | Actual   |
| 1                                                                                                                                                                                                                                                                                          | 2                                         | 3                 | 4                   | 5                                  | 6                                                         | 7        |
| River bank protection work from km. 4.430 to km 4.930 located at Sakhua in Chandpur Sadar Upazila in the district under Chandpur O&M Division, BWDB, Chandpur during the year 2010-2011 & 2011-2012 (Package No. IS/W7/10-11)                                                              | 5.89                                      | 4.33              | 22/07/10            | 07/11/10                           | 13/02/12                                                  | 26/06/12 |
| River bank protection work from km. 4.930 to km 5.430 located at Sakhua in Chandpur Sadar Upazila in the district under Chandpur O&M Division, BWDB, Chandpur during the year 2010-2011 & 2011-2012 (Package No. IS/W8/10-11)                                                              | 6.58                                      | 4.75              | 22/07/10            | 07/11/10                           | 13/02/12                                                  | 26/06/12 |
| River bank protection work from km. 5.430 to km 5.830 located at Sakhua in Chandpur Sadar Upazila in the district under Chandpur O&M Division, BWDB, Chandpur during the year 2010-2011 & 2011-2012 (Package No. IS/W9/10-11)                                                              | 8.80                                      | 6.72              | 22/07/10            | 07/11/10                           | 13/02/12                                                  | 26/06/12 |
| "Making & Supplying of 250 kg non-woven needle punched Geotextile Bags (empty) of River Bank Protection work from km. 5.830 to km 6.170 = 0.340 km at Laxmipur of Chandpur Sadar Upazila under Chandpur O&M Division, BWDB, Chandpur during the year 2011-2012 & 2012-2013 (IS/GW10/11-12) | 5.61                                      | 5.61              | 26/04/12            | 14/08/12                           | 30/06/13                                                  | 31/05/14 |
| "Making & Supplying of 250 kg non-woven needle punched Geotextile Bags (empty) of River Bank Protection work from km. 6.170 to km 6.510 = 0.340 km at Laxmipur of Chandpur Sadar Upazila under Chandpur O&M Division, BWDB, Chandpur during the year 2011-2012 & 2012-2013 (IS/GW11/11-12) | 5.61                                      | 5.61              | 26/04/12            | 14/08/12                           | 30/06/13                                                  | 31/05/14 |
| "Making & Supplying of 250 kg non-woven needle punched Geotextile Bags (empty) of River Bank Protection work from km. 6.510 to km 6.850 = 0.340 km at Laxmipur of Chandpur Sadar Upazila under Chandpur O&M Division, BWDB, Chandpur during the year 2011-2012 & 2012-2013 (IS/GW12/11-12) | 5.61                                      | 5.61              | 26/04/12            | 14/08/12                           | 30/06/13                                                  | 31/05/14 |
| Making & Supplying of 250 kg non-woven needle punched Geotextile Bags (empty) of River Bank Protection work from km. 6.850 to km 7.050 = 0.200 km at Laxmipur of Chandpur Sadar Upazila under Chandpur O&M Division, BWDB, Chandpur during the year 2011-2012 & 2012-2013 (IS/GW13/11-12)  | 3.30                                      | 3.30              | 26/04/12            | 14/08/12                           | 30/06/13                                                  | 31/05/14 |
| "River bank protection work from km. 5.830 to km 6.170 = 0.340 km located at Laxmipur of Chandpur Sadar Upazila under Chandpur O&M Division, BWDB, Chandpur during the year 2011-2012 & 2012-2013 (IS/W10/11-12)                                                                           | 7.77                                      | 8.46              | 26/04/12            | 14/08/12                           | 30/06/13                                                  | 25/06/15 |
| "River bank protection work from km. 6.170 to km 6.510 = 0.340 km located at Laxmipur of Chandpur Sadar Upazila under Chandpur O&M Division, BWDB, Chandpur during the year 2011-2012 & 2012-2013 (IS/W11/11-12)                                                                           | 7.77                                      | 7.64              | 26/04/12            | 14/08/12                           | 30/06/13                                                  | 28/06/15 |
| "River bank protection work from km. 6.510 to km 6.850 = 0.340 km located at Laxmipur of Chandpur Sadar Upazila under Chandpur O&M Division, BWDB, Chandpur during the year 2011-2012 & 2012-2013 (IS/W12/11-12)                                                                           | 7.77                                      | 7.40              | 26/04/12            | 14/08/12                           | 30/06/13                                                  | 02/06/15 |
| River bank protection work from km. 6.850 to km 7.050 = 0.200 km and End Termination (length = 56.26m) total length =256.26m located at Laxmipur of Chandpur Sadar Upazila under Chandpur O&M Division, BWDB, Chandpur during the year 2011-2012 & 2012-2013 (IS/W13/11-12)                | 10.89                                     | 8.21              | 26/04/12            | 14/08/12                           | 30/06/13                                                  | 02/06/15 |

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## 8.2 Use of Project Consultant (s) (Foreign/Local) :

| 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 :      | Not applicable     |                 |                           |         |
| b) Local :        | Not applicable     |                 |                           |         |

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

| Description of items | Quantity (as per PP) | Quantity procured with date | Transferred to O&M with date | Disposed off as per rule with date | Balance | Remarks |
|----------------------|----------------------|-----------------------------|------------------------------|------------------------------------|---------|---------|
| 1                    | 2                    | 3                           | 4                            | 5                                  | 6       | 7       |
| Not applicable       |                      |                             |                              |                                    |         |         |

**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            | P.A | Physical%  | Total                                                           | Taka            | P.A | Physical%  |
| 1              | 2                                                         | 3               | 4   |            | 6                                                               | 7               | 8   | 9          |
| 2009-2010      | 2037.00                                                   | 2037.00         | --  | 13.08      | 99.99                                                           | 99.99           | --  | 0.88       |
| 2010-2011      | 9168.83                                                   | 9168.83         | --  | 58.88      | 4499.98                                                         | 4499.98         | --  | 57.99      |
| 2011-2012      | 4366.01                                                   | 4366.01         | --  | 28.04      | 9003.01                                                         | 9003.01         | --  | 25.90      |
| 2012-2013      | --                                                        | --              | --  | --         | 3492.50                                                         | 3492.50         | --  | 15.23      |
| <b>Total</b>   | <b>15571.84</b>                                           | <b>15571.84</b> |     | <b>100</b> | <b>17095.48</b>                                                 | <b>17095.48</b> |     | <b>100</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           |
| 2009-2010      | 100.00                      | 100.00          | --   | 0.58          | 99.99           | 99.99                           | 99.99           | --   | 0.88         |
| 2010-2011      | 4500.00                     | 4500.00         | --   | 26.22         | 4500.00         | 4499.98                         | 4499.98         | --   | 26.32        |
| 2011-2012      | 5250.00                     | 5250.00         | --   | 30.70         | 5250.00         | 5250.00                         | 5250.00         | --   | 30.70        |
| 2012-2013      | 3700.00                     | 3700.00         | --   | 21.60         | 3693.01         | 3693.01                         | 3693.01         | --   | 21.60        |
| 2013-2014      | 3100.00                     | 3100.00         | --   | 15.83         | 3100.00         | 2685.29                         | 2685.29         | --   | 15.43        |
| 2014-2015      | *800.00                     | 800.00          | --   | 5.07          | 400.00          | 372.73                          | 372.73          | --   | 3.50         |
| <b>Total</b>   | <b>17450.00</b>             | <b>17450.00</b> | --   | <b>100.00</b> | <b>17043.00</b> | <b>16601.00</b>                 | <b>16601.00</b> |      | <b>98.43</b> |

\* Tk. 800.00 lac RADP allocation was made on basis of cumulative financial progress achieved up to previous fiscal year and within RDPP provision.

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

| Objective as per DPP                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Actual achievement                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Reasons for shortfall, if any                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1.To mitigate river erosion by implementing bank protective measures at length of 5676.26 meter in an around of Chandpur Town area along with its important business centre and Chandpur Irrigation flood Control Embankment priority location along the Meghna river.<br>2.Safety of public assets and natural resources of Chandpur Town and Chandpur Irrigation Project<br>3.Environmental enhancement from river erosion hazards.<br>4.Sustainable socio-economic enhancement. | 1.To mitigate river erosion by implementing bank protective measures at length of 5676.26 meter in an around of Chandpur Town area along with its important business centre and Chandpur Irrigation flood Control Embankment priority location along the Meghna river.<br>2.Safety of public assets and natural resources of Chandpur Town and Chandpur Irrigation Project<br>3.Environmental enhancement from river erosion hazards.<br>4.Sustainable socio-economic enhancement. | No short fall except fewer reserve cc blocks being manufactured.<br>Reason described in Annexure-1. |

**E. BENEFIT ANALYSIS**

01. Annual Out-put :

| Items of out-put                                                                                                                                                                                                                                                                                                                                                                    | Unit | Estimated quantity expected at full capacity | Actual quantity of out-put during the 1st year of operation at full capacity (or during, real production for newly completed project) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 5676.26 m protective work located at Ibrahimpur-Sakhua sadar upazilla under Chandpur district for protection Puran Bazar of Chandpur Town along with its important business centre and private/public properties and the very existence of the North-Western flood control embankment of Chandpur Irrigation Project (CIP) from the recent devastating erosion of the Meghna river. | m    | 5676.26 m                                    | 5676.26 m<br>(Physical progress 98.43% as per schedule)                                                                               |

02. Cost/Benefit : Will be evaluated later by BWDB's concern office &amp; IMED.

| Item                                  | Estimated | Actual |
|---------------------------------------|-----------|--------|
| (1) Benefit cost ratio of the project |           |        |
| (i) Financial                         | N/A       | N/A    |
| (ii) Economic                         |           |        |
| (2) Internal Rate of Return           |           |        |
| (i) Financial                         |           |        |
| (ii) Economic                         |           |        |

03. Please give reasons for shortfall, if any, between the estimated and actual benefit:

There is no short fall between the estimated and actual benefit.

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**F. MONITORING AND AUDITING**

## 0.1 Monitoring:

| Name & designation of the inspecting official                                                                                                   | Date of Inspection       | Identified Problems                                            | Recommendations                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------|
| 1                                                                                                                                               | 2                        | 3                                                              | 4                                                                                |
| (a) <b>Ministry/Agency:</b><br>1. Secretary, Ministry of Water Resources<br>2. Joint Secretary, Planning Commission                             |                          | No Problem was identified during the execution of the Project. | Instructed to complete the project in time.                                      |
| (b) <b>IMED:</b><br><b>Director, IMED</b>                                                                                                       | 05/07/2013 to 06/07/2013 | No Problem was identified during the execution of the Project. | IMED recommended to implement the Project within the stipulated completion time. |
| (c) <b>Others :</b> (Please specify)<br>1. Member, Irrigation, Water Resources & Rural Development Institutions Division of Planning Commission |                          | No Problem was identified during the execution of the Project. | Instructed to complete the project in time.                                      |

## 0.2. Auditing during and after Implementation:

## 2.1 Internal Audit:

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

## 2.2. External Audit:

| Audit Period | Date of submission of Audit Report | Major findings/ objections | Whether objections resolved or not |
|--------------|------------------------------------|----------------------------|------------------------------------|
| 1            | 2                                  | 3                          | 4                                  |
| 2009-2010    | --                                 | --                         | --                                 |
| 2010-2011    | --                                 | --                         | --                                 |
| 2011-2012    | 06/12/2012                         | --                         | Resolved                           |
| 2012-2013    | 03/12/2013                         | --                         | Resolved                           |
| 2013-2014    | --                                 | --                         | --                                 |
| 2014-2015    | 06/08/2015                         | --                         | Resolved                           |

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## **G. DESCRIPTIVE REPORT**

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

#### **1.1 Background**

Ibrahimpur and Sakhua is to the south of Chandpur Town very adjacent to the Puran Bazar. The mighty Meghna River flows North to South to the West of this area. This Lower Meghna River is one of the largest rivers in the world, which conveys the combined discharge and sediment load of the three major rivers of Bangladesh as Brahmaputra, Ganges and Meghna into the Bay of Bengal. As Ibrahimpur and Sakhua are very close to Chandpur Town, it is also very important place for regional growth-centre of the locality. Having very important background it plays a key role in the economic development of the locality and the country.

In this area the mighty Meghna River has undergone substantial changes over the last centuries. As a consequence the direction of the main flow of the Meghna sometimes was very close to the bank line caused severe erosion to the locality. Sometimes the main flow diverted away to the Bank line resulting no substantial bank erosion. During 1975-76 the erosion was so aggravated that a huge area of the locality was eroded into the river and caused the Flood control embankment of Chandpur Irrigation Project (CIP) near this locality to fall a victim to this erosion. For this reason Retired embankment had to be constructed. Afterwards for a long time no severe erosion occurred to this locality. But in recent time, during the last monsoon of 2008 severe erosion started to engulf this locality. The river bank eroded almost 150m to 300m towards the inland. Now, the very important flood control embankment of CIP is barely 400m to 500m away from the Bank line. The rate of erosion is so high that at any moment the embankment may extinct into the Meghna. This might led to national disaster causing severe damage to the locality and the Chandpur Irrigation Project.

The Chandpur Irrigation Project is one of the most successful FCDI project of BWDB. The project is located about 5.00 km. south of Chandpur Town along the left bank of lower Meghna River. The area of the project is 57 thousand hector comprises 6(six) Upazilas viz. Chandpur sadar, Faridgonj & Haimchar Upazila in Chandpur district and Lakshmipur sadar, Raipur & Ramgonj Upazila in Lakshmipur District. At the pre-project condition about 1.5 million inhabitants of this area was suffered badly by the severity of floods and drought in almost every year with resultant havoc in human lives and properties and uncertainty in agricultural production. To over come these, Chandpur Irrigation Project was taken up with the multiple objectives/targets of mitigating flood hazards and drought by providing comprehensive FCDI facilities and safety of local dwellers as well as enhancing economic and environmental condition.

The project is surrounded by 100 km. flood protection embankment. The south Dakatia river runs through the middle of the command area and in the northern closure of the river at Charbagadi Pump house and a navigation lock with 6(six) pumps having a combined capacity of 34 M<sup>3</sup>/S (1200 cusec) has been constructed mainly for irrigation but it can also be used for drainage. In the outfall of the south Dakatia River, the Hazimara Regulator and navigation lock has been constructed to drain the excess water from the project area. 6(six) small Regulators with 2 vent each having 1.83m x 1.52m in size in the peripheral embankment are also being used for drainage purpose. The project commenced in 1972-73 under IDA assistance at a total cost of Tk. 5430.00 lakh and completed in 1978.

Chandpur Irrigation project implemented by BWDB has come into being as one of the most potential water management project in Bangladesh. Prior execution of the project annual crop production of this region was 107052 m.ton worth at Tk. 6000 lakh and afterwards its execution crop production accelerated to 356344 m.ton worth at Tk. 64141.92 lakh. Cropping intensity also enhanced from 151% at pre-project condition to 234% and this food deficit region has been turned into surplus in food grain production area by virtue of implementation of the project. Onwards completion of the project annual enhanced crops production and its value, annual O&M expenditure incurred and annual service charge collection during last 10 years have been furnished as annexure A,B & C. Moreover implementation of the project created infrastructure by increasing job opportunity to jobless and destitute and other facilities like plantation, communication and planned fishery.

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Devastating erosion of the Meghna River has been considered as the main threat of the completed project. The flood control embankment located at the western part of the project area was retired 4 (four) times since its implementation due to severe erosion of the Meghna river. Continuation of the river erosion practices along the embankment at Haimchar Upazila the river has engulfed 10.500 km embankment in between km. 72.000 to km. 82.500 making thousand of people homeless. Due to continued river erosion 42.08 km. retired embankment was erected. Lives, properties and natural hazards due to continued severity of erosion of the Meghna River are being affected and completed Chandpur Irrigation Project (CIP) area has been endangered. Therefore 1.5 million inhabitants of the project area panic and feel insecure.

Therefore, it is the long standing demand of the people of Ibrahimpur and Sakhua along with other vulnerable areas to safeguard CIP as well as their immovable properties and remedy human hazards against devastating erosion of the Meghna River, a technical committee was formed by the board vide memo No-৪৩-পাউবো/সচি/পওর-১/শাখা-২/লুজ/২০০৯ তারিখ-০৩-০৩-২০০৯ for feasibility study. The committee submitted a report recommending bank protection work of 4.40 km most vulnerable length at Ibrahimpur-Sakhua area. Then a DPP for 4.40 km bank protection work amounting to Tk. 15571.84 lakh was submitted and approved in the ECNEC meeting held on 13/04/2010. The implementation period was April, 2010 to June, 2012.

## 1.2 Justification/Adequacy

The river reach upstream of Chandpur, presently the confluence of the Padma and the Upper Meghna Rivers, has undergone substantial changes over the last centuries. As a consequence the direction of the main flow in the river Padma, makes a substantial angle with the course of the Lower Meghna near Chandpur. This almost at right angles, possibly in combination with neo-tectonic activity, induces a gradual shifting of the Lower Meghna River towards eastern direction. As a consequence of this movement in combination of the plan form changes of the Padma/Lower Meghna Rivers, increases the scour depth in front of Natun Bazar and the bank erosion is taking place over a substantial length of the Lower Meghna in this region. The flow of the Lower Meghna is forced to flow along the western side of this project. The maximum discharge is 138513 cum/sec. for 50 years return period an average event and the maximum discharge is 147918 cum/sec. for 100 years return period an extreme event. The maximum velocity is 4.62 m/sec. and deepest bed level have been recoded up to (-) 68 m PWD at western part of Chandpur Town area. As such the Chandpur Town has been found to be most vulnerable in both the average and extreme flood events. Due to high discharge, velocity and severe wave action, erosion of the left bank of the Meghan River occurred in and around Chandpur Town since 40 years. As a result, in the mean time, many valuable properties and infrastructures of Chandpur town have already been eroded by the river Meghna and Dakatia. Further erosion might have caused completely disappeared the total Chandpur town thereby engulfing the Chandpur Irrigation Project from map. Therefore, bank protection works under this project was inevitable.

## 1.3 Objectives

The main objective of the project is to protect Ibrahimpur-Sakhua area adjacent to the Puran Bazar of Chandpur Town along with its important business centre and private/public properties and the very existence of the North-Western flood control embankment of Chandpur Irrigation Project (CIP) from the recent devastating erosion of the Meghna river. The embankment of CIP is very important to safeguard the project area including its various infrastructures and communication network which grow over the years since its implementation.

## 1.4 Project revision with reasons

The project was scheduled to be completed by June, 2012. But during that time, it attained physical progress of 57.90%. So to fulfill the objectives of the project, unfinished works needed to be done on full quantity. Also, in the meantime due to morphological reasons, bank protective work scope increased by 1276.26 meter from approved DPP. Hence, DPP was subjected to revision with cost hike & one year of time extension.

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2. Rationale of the project in respect of concept, Design, Location and Timing.

The progressive bank line shifting of the Meghna river at a length of 5676.26 located at Ibrahim-Sakhua adjacent to puran Bazar of Chandpur Town has endangered the very existence of Chandpur Irrigation Project. In this locality annual rate of bank erosion of the river is 150 m to 300 m. Without immediate erosion mitigation measures further retirement of embankment and loss of important establishment and agricultural land cannot be stopped. This project will not only protect the embankment of CIP including its important establishment but also safeguard physical damage and human sufferings.

Failure of the embankment as well as project facilities of the CIP due to river erosion will have socio-economic and environmental impacts on lives and properties of 1.50 million inhabitants of the project area will be severely endangered. It is anticipated that if the erosion continues huge land including important Govt. and private establishment will be eroded over the next coming year. To save this important establishments and assets from near ruination due to river erosion, the proposed protective work required to be executed on priority basis. Otherwise substantial losses of properties and infrastructures will be incurred.

In this circumstances, it seems rationale to implement erosion mitigation measures at said location on emergency basis and the proposed project proposal has been formulated for erection of protective works on priority location at length of 5676.26 km. at Ibrahimpur and Sakhua.

As such the present concept and design of the project is relevant with the above recommendation.

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

- ◆ **Project Identification:**  
The project is located along the left bank of the Meghna River at Chandpur District.
- ◆ **Project Preparation:**  
Protection of Ibrahimpur-Sakhua area adjacent to the Puran Bazar of Chandpur Town area namely Protection of Chandpur Irrigation Project from Erosion of the Meghna River at Ibrahimpur-Sakhua adjacent to Puran Bazar of Chandpur district.
- ◆ **Appraisal:**  
IWM conducted bathymetric survey and mathematical model study in 2003.
- ◆ **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 original approved on 13-04-2010 & the Revision was approved on 09-04-2012.
- ◆ **Others (if any):** Nil

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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 stakeholders are directly taking advantages of the created facilities of the project.
- 4.3 **O & M Programme of the project:**  
Post Project recurrent O&M works will be arranged from the regular O&M allocation .
- 4.4 **Impact of the Project -**
- 4.4.1 **Direct:**
- Protection of river bank erosion in Ibrahimpur-Sakhua adjacent to Puran Bazar area.
  - Protection of Chandpur Irrigation Project from river bank erosion.
  - Safety of public and government owned assets and natural resources of Chandpur Town.
- 4.4.2 **Indirect:**
- Environmental enhancement from river erosion hazards.
  - Sustainable socio-economic enhancement.
- 4.5 **Transfer of Technology and Institutional Building through the project:**  
Not Applicable
- 4.6 **Employment generation through the project:**  
Employment generation for skilled/unskilled during construction period is about 2.99 lakh man-days.
- 4.7 **Possibility of Self employment:**  
There are possibilities of self employment as existing commercial and business centers are protected from river bank erosion.
- 4.8 **Possibility of women-employment opportunity:**  
Yes, there is possibility of women-employment through the project.
- 4.9 **Women's participation in development:**  
Yes.
- 4.10 **Probable Impact on Socio-Economic activity:**  
Protecting the river bank erosion, various infrastructures are saved from the erosion. The impact of losing households, growth-centers and economic centers are eradicated and enhances socio-economic balance in the locality.
- 4.11 **Impact on environment:**  
Environmental enhancement is achieved through the implementation of the Project. Bank erosion hazards of environment is eradicated.

**4.12 Sustainability of the project:**

The project is sustainable but requires periodic maintenance.

**4.13 Contribution to poverty alleviation/reduction:**

The project fulfilled the following benefits in compatible strategic goal i.e., a) reduction of vulnerability to water related disaster, b) manage erosion of major rivers and protect large and small towns of poverty alleviation as per PRS:

- 1) The project ensures immovable properties of total worth of Tk. 108350.00 lac.
- 2) It generated employment for skilled/unskilled during construction period and also in annual O&M phase in project performance. Also better employment access in business tertiary sectors is enhanced.
- 3) Natural security against river bank erosion is resorted.

**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 Programme and Comments on overlapping with any NGO activities.**

Not Applicable

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

|      |                                           |      |                                             |
|------|-------------------------------------------|------|---------------------------------------------|
| 5.1  | Project Management                        | 5.12 | Project aid disbursement and re-imbursement |
| 5.2  | Project Director                          | 5.13 | Mission of the development partners         |
| 5.3  | Land Acquisition                          | 5.14 | Time & Cost Over-run                        |
| 5.4  | Procurement                               | 5.15 | Project Supervision/Inspection              |
| 5.5  | Consultancy                               | 5.16 | Delay in Decision                           |
| 5.6  | Contractor                                | 5.17 | Transport                                   |
| 5.7  | Manpower                                  | 5.18 | Training                                    |
| 5.8  | Law & Order                               | 5.19 | Approval                                    |
| 5.9  | Natural calamity                          | 5.20 | Others                                      |
| 5.10 | Project financing, allocation and release | 5.21 |                                             |
| 5.11 | Design formulation/approval               |      |                                             |

No problems encountered during implementation of the project regarding the above facts.

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

Meghna river erosion is the main threat of Chandpur Irrigation Project. Since its implementation, the flood embankment has so far been retired 5(five) times due to severe erosion of the river Meghna at Haimchar. The river has engulfed 5000 hectors area within the project and 3000 hectors out side the project. Continuation of the river erosion is observed in different locations along the embankment from Ibrahimpur (Chandpur) to Haimchar. The project of 5676.26 m revetment work along left bank of Meghna river from Ibrahim-Sakhua adjacent to puran Bazar of Chandpur Town, so far have been taken and implemented for the protection of Chandpur Irrigation Project & Chandpur Town are appropriate and have national priority. Implementing this project river bank erosion problem along this regime of the Meghna River has been mitigated. Valuable land and assets have been saved and environmental sustainability is enhanced from erosion hazards.

Due to morphological and hydrological condition change of three rivers, Padma, Meghna & Dakatia near Chandpur town during monsoon period severe flow causes 3-D turbulent flow and creates large cavity in and around the launching apron, which threatens the existing revetment work. Therefore, it needs to be strengthened and repaired continuously to mitigate this unique phenomenon every year. Otherwise, major damage will occur and the Chandpur town will be under threat. So, another project is needed to be approved for strengthening & repairing the completed work in the coming years.

*Kamrun Nessa*  
12.08.15

Date : .....

Signature and seal of the Project Director

(Kamrun Nessa: PEng)  
Superintending Engineer  
Chandpur S&M Circle  
BWDB, Chandpur

## 7. Remarks/Comments of Agency Head

*Chandpur town, Chandpur Irrigation project & adjacent area have been protected from devastating erosion of Meghna river through this project. So objective wise, this is a successful project.*

Date: .....

*[Signature]*  
2012  
2012

Signature and Seal

(MD. ISMAIL HOSSAIN)  
Director General  
BWDB, Dhaka.

## 8. Remarks/Comments of the officer in-charge of the Ministry/Division

Date: .....

Signature and Seal

২০১৪-২০১৫ অর্থ বছরে আরএডিপিভুক্ত বাস্তবায়নাধীন “চাঁদপুর জেলার পুরান বাজার সংলগ্ন ইব্রাহীমপুর-সাখুয়া এলাকায় মেঘনা নদীর ভাঙ্গন হতে চাঁদপুর সেচ প্রকল্প সংরক্ষণ প্রকল্প (১ম সংশোধিত)” শীর্ষক প্রকল্পের শতভাগ বাস্তব কাজ সম্পাদন না হওয়া সম্পর্কিত ব্যাখ্যা।

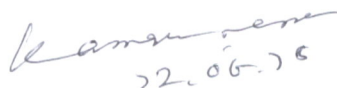
আলোচ্য প্রকল্পটি বিগত জুন/২০১৪ইং মাসে সমাপ্তির জন্য নির্ধারিত ছিল। কিন্তু মাঠ পর্যায়ে বিভিন্ন প্রতিকূল পরিস্থিতি ও বিগত ২০১৩-২০১৪ সালের রাজনৈতিক অস্থিরতার কারনে জুন/২০১৪ইং সালে প্রকল্পের সমুদয় কাজ সমাপ্ত করা সম্ভব হয় নাই। তদানুযায়ী প্রকল্পের সমুদয় কাজ সমাপ্তির লক্ষ্যে জুন/২০১৫ইং পর্যন্ত ব্যয় বৃদ্ধি ব্যতিরেকে প্রকল্পের মেয়াদ বৃদ্ধির প্রস্তাব দাখিল করা হলে পরিকল্পনা কমিশন কর্তৃক গত ০৬/০১/২০১৫ইং তারিখে উক্ত প্রকল্পের মেয়াদ বৃদ্ধির প্রস্তাব অনুমোদন করা হয়।

উল্লেখ্য, উক্ত প্রকল্পের আওতায় ৪(চার)টি প্যাকেজে ১২৭৬.২৬ মিটার দৈর্ঘ্যের তীর সংরক্ষণ কাজ মাঠ পর্যায়ে বাস্তবায়নাধীন ছিল। প্রকল্পের মূল কাজ হলো ২৫০ কেজি বালি ভর্তি জিও-ব্যাগ ডাম্পিং, সিসি ব্লক তৈরী সরবরাহ ও ডাম্পিং এবং সিসি ব্লক দ্বারা স্লোপ পিচিং কাজ বাস্তবায়ন করার পাশাপাশি ভবিষ্যতে প্রকল্পের আপদকালীন জরুরী কাজ বাস্তবায়নের জন্য রিজার্ভ স্টক হিসাবে সিসি ব্লক নির্মাণ পূর্বক সংরক্ষণ করা। তন্মধ্যে জুন/২০১৩ইং পর্যন্ত বর্ণিত দৈর্ঘ্যে Bank line shifting রোধকল্পে স্লোপের পিচিং কাজ যথাযথভাবে সমাপ্ত করা হয় এবং জুন/২০১৪ইং মাসে ২৫০ কেজি সমুদয় বালি ভর্তি জিও-ব্যাগ ডাম্পিং এবং আংশিক সিসি ব্লক তৈরী ও ডাম্পিং কাজ সম্পাদন করা সম্ভব হয়। ফলে প্রকল্পের আওতায় কিছু সংখ্যক সিসি ব্লক তৈরী ও ডাম্পিং এবং রিজার্ভ স্টক হিসাবে সংরক্ষণের জন্য সিসি ব্লক তৈরী ও সরবরাহ কাজ অবশিষ্ট থাকে। যাহা ২০১৪-২০১৫ অর্থ বছরে লক্ষ্যমাত্রা হিসাবে নির্ধারণ করা হয়। তদানুযায়ী এপ্রিল/২০১৫ইং মাসে আরএডিপিতে ৮০০.০০ লক্ষ টাকার বরাদ্দ প্রদান করা হয়।

এখানে আরো উল্লেখ্য যে, উক্ত কাজ বাস্তবায়নকালীন সময়ে ইতিমধ্যে ২টি বর্ষা অতিক্রম হওয়ায় প্রকল্পের সার্বিক অবস্থা অবগত হওয়ার জন্য বর্ষা পরবর্তীকালে বাস্তবায়নাধীন ১২৭৬.২৬ মিটার দৈর্ঘ্যের জরীপ করে দেখা যায় নদীর Morphological পরিবর্তন সাধিত হয়। উক্ত সার্ভে ডাটা পাউবো এর সংশ্লিষ্ট ডিজাইন দপ্তরে প্রেরণ করা হলে End termination দৈর্ঘ্যে ডিজাইন দপ্তর কর্তৃক সংশোধিত অনুমোদিত ডিজাইন প্রদান করা হয়। অনুমোদিত ডিজাইনে ডাম্পিংযোগ্য সিসি ব্লকের পরিমাণ হ্রাস করা হয়। ইহাছাড়া সংশ্লিষ্ট প্রকল্পের মূল অনুমোদিত নকশায় প্রতি মিটার দৈর্ঘ্যে ৮.৫০ ঘনমিটার সিসি ব্লক ডাম্পিং এবং ৯.০০ ঘন মিটার সিসি ব্লক রিজার্ভ স্টক হিসাবে নির্ধারিত ছিল। বাস্তবায়নাধীন কাজের সাইটে পাউবো এর অধিগ্রহণকৃত কোন ভূমি ছিল না। ঠিকাদারগন নিজ উদ্যোগে জায়গার সংস্থান করে সিসি ব্লক তৈরী ও সংরক্ষণ করেন। কিন্তু নদীর পাড়ে পর্যাপ্ত পরিমাণ জায়গা না থাকায় এত বিপুল পরিমাণ রিজার্ভ সিসি ব্লক সংরক্ষণে কাজের অগ্রগতি ব্যাহত হয়। তাছাড়া গত জুন/২০১৫ইং মাসে মৌসুমী বায়ুর প্রভাবে চাঁদপুর জেলায় স্বাভাবিকের (৩৩৪.৩০ মিঃমিঃ) চেয়ে বেশী বৃষ্টিপাত (৬৬৬.৫০ মিঃমিঃ) হওয়ায় Stock pile হিসাবে সংরক্ষণের জন্য সিসি ব্লক নির্মাণ ব্যাহত হয়। অপরদিকে প্রকল্পের মেয়াদ অনুমোদনে বিলম্ব হওয়ার কারণেও সংশ্লিষ্ট কাজের ঠিকাদারগনকে কাজ বাস্তবায়নের উপযুক্ত সময়ে মাঠে নামানো সম্ভব হয় নাই বিধায় Stock pile হিসাবে নির্মিতব্য সিসি ব্লক নির্মাণ করা সম্ভব হয় নাই। নকশা অনুযায়ী রিজার্ভ সিসি ব্লকের সংখ্যা ছিল ১০০৯০১টি। তন্মধ্যে ৮১০০০টি সিসি ব্লক নির্মাণ পূর্বক সংরক্ষণ করা হয়েছে।

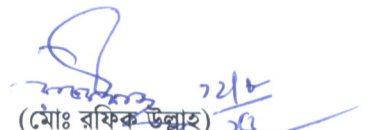
মাঠ পর্যায়ের উপরোক্ত বাস্তব অবস্থা বিবেচনায় এবং ডিজাইন দপ্তর কর্তৃক অনুমোদিত সংশোধিত নকশায় End termination দৈর্ঘ্যে ডাম্পিংযোগ্য সিসি ব্লকের পরিমাণ হ্রাস করার কারণে বোর্ড কর্তৃক প্রস্তাবনার আলোকে পানি সম্পদ মন্ত্রণালয় এবং সেচ উইং এর সুপারিশক্রমে সংশোধিত এডিপি হ্রাস করে উপযোজিত বরাদ্দ ৪৫০.০০ লক্ষ টাকার প্রস্তাবনা পরিকল্পনা কমিশনের কার্যক্রম বিভাগে ইতিমধ্যে প্রেরণ করা হয়েছে। তৎপ্রেক্ষিতে উক্ত প্রকল্পের অনুকূলে ৪০০.০০ লক্ষ টাকা ছাড় করা হয়। তন্মধ্যে সম্পাদিত কাজের বিপরীতে সংশ্লিষ্ট ঠিকাদারদের ৩৭২.৭৩ লক্ষ টাকার বিল পরিশোধ করা হয় এবং ২৭.২৭ লক্ষ টাকা ফেরত দেওয়া হয়েছে।

উল্লেখ্য, সমুদয় টাকা ব্যয় করা সম্ভব না হলেও এতে প্রকল্পের কাজের ভৌত দৈর্ঘ্যের কোন হ্রাস ঘটে নাই। অনুমোদিত ডিপিপি অনুযায়ী ৫৬৭৬.২৬ মিটার নদীতীর সংরক্ষণ কাজ ডিজাইন ও স্পেসিফিকেশন মোতাবেক যথাযথভাবে সম্পাদন করা হয়েছে। ডিজাইন দপ্তর কর্তৃক অনুমোদিত সংশোধিত নকশায় End termination দৈর্ঘ্যের ডাম্পিংযোগ্য সিসি ব্লকের পরিমাণ হ্রাস করার পাশাপাশি নদীর পাড়ে পাউবো এর অধিগ্রহণকৃত ভূমি না থাকায়, জুন মাসে অস্বাভাবিক বৃষ্টিপাত হওয়ায়, ব্যয় বৃদ্ধি ব্যতিরেকে প্রকল্পের মেয়াদ বিলম্ব (০৬/০১/২০১৫ইং) অনুমোদিত হওয়ায় ইত্যাদি কারনে রিজার্ভ স্টক হিসাবে সংরক্ষণের জন্য সমুদয় সিসি ব্লক তৈরী করা সম্ভব হয় নাই বিধায় আরএডিপিতে বরাদ্দকৃত ৪২৭.২১ লক্ষ টাকা অব্যয়িত থেকে যায়। এমতাবস্থায়, প্রকল্পটি ৯৮.৪৩% বাস্তব অগ্রগতি অর্জন করে সমাপ্ত করা হয়।

  
১২.০৬.১৫

(কামরুন নেছা, পিইঞ্জ)

প্রকল্প পরিচালক/তত্ত্বাবধায়ক প্রকৌশলী  
চাঁদপুর পওর সার্কেল  
পাউবো, চাঁদপুর।

  
১২/৬/১৫  
(মোঃ রফিক উদ্দিন)  
নির্বাহী প্রকৌশলী  
চাঁদপুর পওর বিভাগ  
পাউবো, চাঁদপুর।