

Flood Rehabilitation Program 2007

By

BUET'88 Club

Program Area: Sirajganj District, Bangladesh

'Building Tin-shed Houses for worstly affected people of the area'

The Flood Rehabilitation Program in brief:

S/N	Item	Description
1	Area of the program	Khokshabari Union and Songasa Union of Sirajganj sadar Upazila.
2	Number of benefisiary families	50 (fifty) - this figure may increase or decrease depending on fund availability
3	Basis for the selection of the benefisiary families	The worstly affected families selected from the villages of the unions mentioned. Selection will be made in co-ordination with the local government authorities.
4	Size of the house	15 ft x 10.5 ft (10 ht x 7 ht)
5	Brief description of the house	Tin-shed house with 7ft CI sheet roof, bamboo woven (TARAI bash) walls, bamboo and concrete posts/pillars, earthen plinth.
6	Cost per house	Tk. 9,000/- (approx.)
7	Total cost of the program	Tk. 4,50,000/- (50 x Tk.9,000/-)
8	Program conducted by	BUET'88 club represented by its President Engr. Rafez Alam Chowdhury and General Secretary Engr. Ahsan Habib Tapader
9	Program co-ordinator	Md. Abdul Moqaddem, EC member of BUET'88 club
10	Program start date	20 October, 2007
11	Program completion date	20 November, 2007
12	Sources of fund	<ol style="list-style-type: none"> <li>1. Donations from BUET'88 members and well wishers</li> <li>2. Donation from Spaandan-B</li> </ol>

Note: 1 ht. (HAAT) = 1.5ft

## Flood Rehabilitation Program - 2007, Sirajganj

### 1. Introduction:

This year (2007) flood affected 49 districts of Bangladesh and tens of millions of people. The worstly affected district was Sirajganj. The Flood protection dams on different locations were damaged and as a result a huge area including the district head quarters were inundated under water. This year at Sirajganj the flood level exceeded that of 1988. After the initial flooding in the last week of July to the first week of August, 2007 a second round of flooding occurred in Sirajganj in the first week of September, 2007. After the enormous damage by first flooding, some of the farmers planted some crops, but this second flooding affected most of the cultivation too. So, we need to do something for the affected people.

A lot of people of Sirajganj district are affected by the Jamuna river erosion. Many villages are grabbed by the mighty river every year and as a result many people of Sirajganj have very poor houses. Now, this year's flood has destroyed those poor huts. We can try to build tin-shed houses for some of the worstly affected people of Sirajganj.

### 2. BUET'88 Club's Flood Rehabilitation program

In 2004 BUET'88 club carried out Flood Rehabilitation Program for the affected people of Chandpur district with the financial support from Spaandan-B.

### 3. Selection of area for the rehabilitation

Since Sirajganj is the worstly affected area this year, so Sirajganj is selected for our rehabilitation program.

BUET'88 club has got at least nine dedicated members hailing from Sirajganj who are interested to assist the rehabilitation program.

The selected unions Kokshabari and Songasa are under sadar upazila and are located on the north of Sirajganj district head quarter. Some of villages of these unions were grabbed by the river Jamuna and as a result the people from those villages have shifted their shelter to villages located on the bank of the river. Their houses are mainly very poor constructed kaccha houses build by Hay/grass and bamboo and these houses are badly damages by this year's flooding.

BUET'88 club has decided to build few tin-shed houses for the worstly affected families. Initially we have decided to build 50(fifty) houses for fifty worstly affected families. The worstly affected families will be chosen from thousands of very poor families of the above two unions with co-ordination of the local government authorities.

### 4. Damages caused by flood this year

Huge damages caused to thousands of families of all 9(nine) upazilas of Sirajganj district. Various types of damages are caused and some of the examples are: (1)

Damage to the thousands of handlooms, (2) Destruction of thousands of houses of very poor families, (3) Spread of various diseases due to the flooding, (4) Damage of crops to thousands of farmers, (5) Destruction of flood protection dams, (6) Loss of fish cultivations of thousands of farmers, (7) Loss of cattle of thousands of farmers and many more.

5. Rehabilitation Program of BUET'88 club

BUET'88 club has decided to build tin-shed houses for around 50 (fifty) worthy affected families of two unions of Sirajganj sadar upazila. The description and cost of each house is shown below:

Size of the proposed tin-shed house: **10ht x 7ht i.e. 15ft x 10.5 ft)**

Notes about the costs shown in the table below:

- a. Some of the measurements are in HAAT (shown as ht) i.e. 1.5ft
- b. CI sheet of PHP Arabian Horse company as found in Sirajganj:
  - I. 0.160 mm - Tk. 1850/bundle
  - II. 0.170 mm - Tk. 2350/bundle (Chosen)**
  - III. 0.190 mm - Tk. 2620/bundle
  - IV. 0.200 mm - Tk. 2740/bundle
- c. It is considered that a person to supervise the whole works be paid Tk.5,000/- for a lot of 25 houses, so supervision charge per house is Tk. 200/-. The supervisor's duty will include:
  - I. Delivering the building materials to the correct village's correct address.
  - II. Ensuring that the KATH MISTYS are working in time according to the assignments.
  - III. Ensuring that the houses are build properly as per design etc



The view of a sample house (actual house's roof will have two sides only).

Table showing the cost of different items required for a tin-shed house:

Sl	Item	Material	Qty	Rate	Price	Remarks
	Roof	CI Sheet 7ft	1.2	2350	Tk.2,820	10 pieces make a Bundle, 12 pieces proposed.
		Matka (Tin)	3	80	Tk.240	3 pieces
		Wood (PA'ER)	30	17	Tk.510	30ht , 3 pieces x 10ht
		Wood (BATAM)	40	7	Tk.280	40ht , 4 pieces x 10ht
		Bamboo Cross Bar	4	35	Tk.140	4 pieces
	Posts/ Pillars	Concrete	4	275	Tk.1,100	Four Corners, 4 piece concrete Posts
		Bamboo	6	35	Tk.210	6 posts are Bamboo (out of total 10 Posts)
	Wall	Bamboo (TARAI Bash)	36	55	Tk.1,980	Total 32ht around and 4ht for side top walls
	Door	Wood + Tin made	1	400	Tk.400	1 piece
	Window	TARAI Bash made	2	50	Tk.100	2 Piece Window
	Pins	PEREK/ Screws etc.	1	300	Tk.300	1 lot
	Labour	KATH MISTRY	3	150	Tk.450	3 persons
	Trans.	Carrying of materials etc.	1	300	Tk.300	Carrying charge for CI Sheet, Concrete Posts, Wood, Bamboo etc.
	Admin	Overhead for one supervisor	1	200	Tk.200	One person employed for the whole project be paid Tk.5000 for 25 houses.
<b>Total cost</b>					<b>Tk. 9,030/</b>	

6. Total cost of the program

The total cost of the program will be around Tk. 4,50,000/- (Taka four lac fifty thousand) only. The cost is estimated for 50 nos of houses. The total cost may vary depending on total number of houses build and there may be minor variation of costs per house during actual implementation. On availability of fund more houses may be built.

7. Implementation period

The selection of families will be carried out during the Ramadan and Eid-al-Fitr. The building of houses will be started after Eid-al-Fitr hopefully from 20 October, 2007. We expect to complete the building of houses in one month time i.e. by 20 November, 2007.