



Experiment No. 1: Bamboo & mud structure over tent.



Experiment No. 2 using empty mineral water bottles.



Experiment No. 2 using matting above tent, being revised to use mud-lime layer.



Visitors from Comsats, Islamabad and Swiss Pak Society with HF personnel.



Women's Centre tent with a basic desert cooler in the doorway for cooling.



Floral Arts Society members addressing women's literacy class.

#### DONATIONS Record upto 14 June 2009

Upto 25 May 2009	Rs. 362,000
Ms. Mariam Halai	Rs. 300,000
Ar. Ayesha Noorani	Rs. 10,000
Ms. Bir Gul Bangash	Rs. 5,000

## Report

by Yasmeen Lari, *SI, Chair & CE, Heritage Foundation, Chair, KaravanPakistan*

### TENT PLATFORMS

Most people in the administration now agree that tent platforms are necessary if we are to avert a calamity. Many camps are laid out on level ground with no drainage e.g. Sheikh Shahzad, Sheikh Yaseen at Mardan, Pelosa at Charsadda, and Larrappa Peshawar. We have sent out appeals for 1,000 bricks, 3 bags of lime and 50 cft of river sand per tent. KaravanPakistan is mobilized to provide guidance and support to all those who would like to construct their own platforms.

### TENT MICROCLIMATE INTERVENTION

Two experimental summarization (as opposed to winterization) techniques have been tested. No. 1 consists of a bamboo structure above the tent, covered with matting and mud-lime layer which provides an exceedingly cool space, and is entirely livable at a cost of Rs. 3,500. No. 2, consists of a layer of empty mineral water bottles covered with plastic and wire mesh plastered in our usual mud-lime mix. The results are promising at a low cost of Rs. 1,000. However, No. 2 option creates a deflection in the tent wall which may not be acceptable to tent residents. Internal bamboo supports are being tried out which will increase the cost by Rs. 400 for No. 2. The experimental structures were supervised by HF Ar. Mir Wali Shah and HF Project Coordinator Naheem Shah. No. 2 option also carries an exhaust, made with discarded mineral water bottles, to the design of Saad Khan (Swiss Pakistan Society) and fabricated by HF volunteer Rehan Khan assisted by HF Ar. Asif and Ar. Nasarullah at HF Base Camp, Chattar, while material was procured by HF's Nadeem Shah. In addition an economical desert cooler was fabricated in Peshawar by Hamid and Farmanullah (UET Abbottabad) and installed in the large women's centre tent with good results. Our thanks are due to the teams for their hard work and successful results.

The administration has built several long shelters (known as *hujras*) in the camp, which provide comparatively less warm spaces; however, they are mostly used by men.

### KaravanPakistan OFFICE

This simple and economical structure is nearing completion. Using the technique of brick platform, bamboo structure and lime-mud-bhoosa covering on roof has provided a wonderfully cool space in

the intense heat of Mardan. Our heartfelt thanks to Amin Tariq Associates for their continued honorary structural design advice.

### KITCHENS

The family kitchens that we had proposed and even constructed after approval of UNHCR as being very cool and suitable, will not be constructed. Instead, UNHCR has begun construction of inappropriate 4 foot wide kiosk-structures with galvanized iron roof. These will be extremely hot for cooking and have no arrangement for washing utensils. In case of fire, there may be a big tragedy, because of closeness of tents and restrictive movement due to the proliferation of small kitchen kiosk-structures.

Since women prefer to stay in their tents with children, there is no option except to create a degree of comfort by 'summarization' of individual tents.

### KHOKA KIOSKS

In consultation with Camp Incharge Muddasir Malik, an area has been identified for construction of kiosks to provide space for community shops and livelihoods to the people living in tents. In case we are able to secure funding, the khoka shops will be branded with the name of the sponsors.

### NON-FORMAL EDUCATION

The programme reported in the 5<sup>th</sup> Swat SOS Newsletter began with attendance by women and out of school children. However, we were advised to encourage children to attend the formal schools, and continue with classes for adults. On 13<sup>th</sup> June, Fareeda Nishtar with Floral Art Society members oversaw the literacy class in the Women's Centre tent. The members distributed 40 garments to each woman attendee in well designed fabric bags. Our grateful thanks to Mr. Umar Khalid Waheed for a gift of 20 cartons of Nestle milk packs, being distributed to mothers with children who attend literacy classes.

### VISITORS

Dr. Saman Yazdani, Regional Director, Shirkatgah from Lahore with her colleagues, and Mr. Nazim of Swiss Pakistan Society and his colleagues from Comsats University, Islamabad, visited to assess the conditions of IDPs and mechanisms for help.