

REPORT

ON

IMPROVEMENT OF SCHOOL SANITATION AND SUPPLY OF CLEAN DRINKING WATER IN PIB SCHOOLS

FUNDED BY
UBL

SUPPORTED BY
HISAAR FOUNDATION

26TH APRIL, 2010



1. BACK GROUND

Through collaborative efforts with stakeholders such as the local government, Karachi Water and Sewerage Board (KW&SB), Women and Water Networks (WWN)s and local NGOs and groups, a school water and sanitation rehabilitation programme is underway in Gulshan-e-Iqbal Town (GIT). 05 schools with nearly 1200 children have been selected in PIB Colony for these interventions. School heads have signed an undertaking to support, maintain and ensure the upkeep of the infrastructure and facilities in the water and sanitation system of the schools (details can be provided upon request).

These schools serve large areas of dense population and are desperately in need of help, since there are no proper drinking water and sanitation facilities, and the children have to be in a foul environment. At present meager water supplies are provided to the children by water coolers filled from the neighbouring houses.

2. BRIEF OUTLINE OF PROJECT PARTNERSHIP

The understanding reached between United Bank Limited (UBL) and Hisaar Foundation was that Hisaar Foundation would implement the “Operational” “Administrative” and “Monitoring” side of it. To implement the project UBL would release funds to Hisaar Foundation for the activities in implementing the Project that would be undertaken under the personal supervision of the Programme Coordinator Mrs. Lily Khan, Field Programme Manager, Hisaar Foundation.

The next step in the project was to chalk out a “Work Plan” and “Budget” in how to implement the project, prepare a “Project Proposal” and submit it to UBL so that the funds granted by them could be fully utilized in the Project, that would be Captioned as “**IMPROVEMENT OF SCHOOL SANITATION AND SUPPLY OF CLEAN DRINKING WATER IN SCHOOLS**”.

Accordingly, Hisaar Foundation prepared project proposal and submitted it to UBL in June 2009. The brief methodology of the project was that UBL would work with Hisaar Foundation in its existing School Rehabilitation Programme under the Gulshan-e-Iqbal Town Area Water Partnership; a well defined system of improving the infrastructure of Government Schools by ensuring the Supply of Clean Drinking Water Supply and School Sanitation.

By the end of the Project Period of about two months or so, the Project would aim to achieve the following results:-

- a. School sanitation will improve with the change / replacement of water sewerage system
- b. Clean, safe drinking water will be provided to the schools after water connection is provided by Karachi Water Sewerage Board (KWSB)

- c. The existing non-functional latrines / washrooms will be repaired / renovated with new fixtures of flush system, water supply etc.
- d. The project impact will be tangible
- e. The project will be made sustainable

3. BRIEF ABOUT THE HISAAR FOUNDATION

Hisaar Foundation (meaning protective circle) originated with the response to the severe drought that affected parts of Pakistan in the second half of 1999 and first half of 2000. Given that the government was slow to respond and people were going without food and water in parts of Sindh and Balochistan, a small group of concerned people in Karachi set up a committee and launched the Thar Drought Appeal, which later became the Pakistan Drought Appeal.

Initially supported by two private sector organizations this initiative soon developed into Hisaar Foundation – A Foundation for Water, Food and livelihood Security in 2000. The Memorandum and Articles of Association were developed in 2001 and the Foundation was formally registered as a non-profit company (under section 42 of the Companies Ordinance, 1984) in January 2003 with nine governors. The foundation has tax exemption approval Under Section 2(36) (c0 of the Income Tax Ordinance, 2001.

During the early phases of its work, the Foundation engaged in two major fund raising initiatives and raised over Rs.two crore (approximately US\$500,000) worth of water systems, drinking water, food supplies, shelter, medicines, warm clothes and support services (in cash and kind) for the Pakistan Drought Appeal and the Citizens' Appeal for Afghan Refugees (Balochistan).

During its current phase the Foundation is a premier institution that provides a platform for bringing together issues of water, food and livelihood and seeks solutions relevant for the water-food-livelihood nexus in an integrated manner. It promotes integrated Water resources Management (IWRM) and environmental conservation.

- a. Creating Partnerships among Stakeholders

(1) **Women and Water Network as part of Area Water Partnership of Gulshan-e-Iqbal Town**

The Gulshan-e-Iqbal Town Area Water Partnership (GITAWP) has been formed under the auspices of Karachi Water Partnership (KWP) an initiative of Hisaar Foundation. The first of its kind town level partnership is a unique and promising development in the effort towards resolving the water and sanitation problems of this mega city. This Area Water Partnership is affiliated with and is in liaison with KWP for improvement of municipal services and other activities in the Gulshan-e-Iqbal Town area.

In November, 2008 the women of Karachi met and discussed women's issues in urban water and sewerage. A consensus to form WWN in Gulshan-e-Iqbal and subsequently the other 17 towns of Karachi was reached. Presently there are seven Women and Water Networks all over Karachi, with one being an umbrella network for others. Some of the activities evolved during training are to conduct workshops for teachers, housewives and other stakeholders in water conservation and management. To work for better facilities of drinking water and sanitation in Government schools including educating children in hygiene practices.

(2) Karachi Water Partnership

Karachi Water Partnership (KWP) a core programme of Hisaar Foundation is a citizen driven initiative aimed at partnering the city government in solving the water related problems and challenges faced by the city. Along with the civil society it brings together all stakeholders together under a single platform to develop a consensual position on acute environmental issues and their solutions.

A Memorandum of Understanding (MoU) has been signed between Karachi Water and Sewerage Board (KW& SB) and KWP to formally hand over the Gulshan-e-Iqbal Town to KWP as its first Town of work. The Gulshan-e-Iqbal Town Area Water Partnership (GIT AWP) has been formed in the area.

(3) Hisaar Foundation Engagements with Other Stakeholders and Activities

Hisaar Foundation has actively engaged with the following stakeholders:-

- (a) Media
- (b) Education institutions
- (c) International and national organizations
- (d) Dialogues and development of materials
- (e) Improving environment of Karachi including the rehabilitation of Gutter Baghicha as a possible biodiversity part
- (f) Collecting materials on coastal and marine pollution
- (g) Developing strategies for environmental rehabilitation along the coastal areas of Karachi

(b) Developing Solutions

(1) Water Supply System in Thar

Hisaar Foundation is supporting the development of deep well sites in the drought prone areas of Tharparkar to support villages that have no water source close at hand and where women have to walk many miles to get water.

So far about 20 well systems have been completed and are functional and 04 hand pumps installed and are functional.

(2) Water Harvesting in Homes

The Foundation is conducting a one-year research study to quantify condensation as a result of air-conditioning and how this can add to water supply in city houses. This study will support the development of acquiring a supply of water through water harvesting from air conditioners in the city. By using this technology the people will be able to consume water which would otherwise be lost, for drinking purpose, watering gardens and other water related household chores.

(3) Bio-Sand Filters Programme

The Foundation conducted two Bio-Sand Filter (BSF) Workshops for Project Implementers in Sindh, Pakistan along with its partners Pani Pakistan and the center for Affordable Water and Sanitation Technology (CAWST), Canada. Both the workshops were a hands-on training workshops during which participants learnt how to construct, maintain and use a Bio-Sand Filter to make household water safe for drinking.

Over 30 Bio-Sand Filters were installed in schools in Lyari and Surjani town and at the household level in other parts of Karachi as part of a pilot programme to test its effectiveness and utility as a source of clean drinking water.

Testing for new lighter models and bigger sizes for schools and communities is underway with support of Engro Polymer and Chemicals Ltd., CAWST and Koshish, Sialkot.

4. SELECTION OF SCHOOLS FOR IMPROVEMENT OF SANITATION AND WATER SUPPLY

UBL was requested for funds for rehabilitation of four schools in Leemo Gabol Goth. KWP staff made a number of visits with Gulshan-e-Iqbal officers, engineers, councillors, UC Nazims to understand the difficulties in the supply of clean drinking water. While these visits were on, the school authorities pressurised the Education Works Department to rehabilitate the class rooms and toilet facilities. As Hisaar Foundation was about to start work with the contractors, the Education Works Department stepped in and started repair work of the schools. (It may be noted that the Education Works Department did not make clean drinking water available to Leemo Gabol Schools, therefore KWP will adhere to its original plan of digging a Well (boring) to help supply drinking water to the children.

The Hisaar Foundation Chairperson took a decision to divert the rehabilitation funds to another cluster of schools in PIB Colony desperately needing rehabilitation. These cluster schools were identified earlier by UC Councillor, a member of Women and Water Network of Gulshan-e-Iqbal Town.

The five newly selected schools are located in Pir Illahi Buksh Colony commonly known as PIB Colony. These schools presented a sad state of affairs especially related to availability of clean drinking water and sanitation facilities for children. According to the Heads, the poor conditions have prevailed for over 40 years. There was no drinking water available for children of at least 4 out of 5 schools. A water cooler was filled in each school from the neighbourhood which was obviously not enough for nearly 150 children per school especially in the summers. The children had to go to filthy back lanes for toilet use and often girls would remain away from school.

These schools were selected:

- (a) Govt. Najeeb National English Boys Primary School, Press Quarters PIB Colony (Second Shift)
- (b) Faiz-e-Aam English Boys Primary School Press Quarters (Second Shift)
- (c) Govt. Boys Primary School, Press Quarters (First Shift)
- (d) Govt. Meridian Primary School PIB Colony
- (e) Govt. Girls Meridian Secondary School PIB Colony

These five schools are located in three buildings and operate in two shifts and four of them have common water and sanitation facilities. The Girls Secondary School is secluded as the girls remain inside the building during break time.

The initial meetings were held with the Heads of the schools who briefed the Field Programme Manager on the state and condition of the schools, which suffered from a serious lack of school sanitation, water supply in addition to the poor condition of latrines that were non-functional due to non-availability of water supply.

The Head Teachers of the Schools; Ms. Jahan Ara, Mr. Orangzaib, Mr. Kaleem Ullah Khan, Mr. Shah and Mr. Saleem were present during the initial meetings. They informed the Field Programme Manager, KWP that since the establishment of the schools nearly 40 years ago the children are deprived of clean drinking water and toilet facilities. It was the KWP with the help of a UC Councillor Ms Kaneez Fatima, Member WWN Gulshan-e-Iqbal Town who identified these schools badly needing rehabilitation. The Field Programme Manager after making a number of visits of the schools and discussion with Chairperson, Hisaar Foundation got the approval that these schools required funds for their rehabilitation.

The condition of each school is described as under:-

(1) Four Schools (Code A)

- i. Govt. Najeeb National English Boys Primary School, Press Quarters PIB Colony (Second Shift)
- ii. Faiz-e-Aam English Boys Primary School Press Quarters (Second Shift)
- iii. Govt. Boys Primary School, Press Quarters (First Shift)
- iv. Govt. Meridian Primary School PIB Colony

(1000 children and 32 teachers in morning and evening shifts).

- (a) No Drinking Water Tank
- (b) No connection of drinking water from main underground tank to these schools.
- (c) Four latrines available but non functional due to lack of water. There is no place for the students to avail latrine facilities, therefore using the back lanes of the school buildings, or out in the open or run home if living close by.

(2) One School (Code B)

i. Govt. Girls Meridian Secondary School PIB Colony (250 students and 15 teachers).

- (a) Electric water motor is out of order.
- (b) Drinking water was unavailable due to broken down pumps.
- (c) Underground tank extremely dirty, therefore water useless for drinking purposes.

The Hisaar Foundation Chairperson in consultation with the Field Programme Manager were of the opinion that it would be a better idea to put in maximum efforts in these five cluster schools benefiting nearly 1100 students both boys and girls, and nearly 50 staff members. It would be first time in the history of the schools that children would be provided clean piped drinking water, functional latrines with flush systems, proper disposal of sewerage water into main sewerage line.

The rehabilitation venue changed from Leemo Gabol Goth to PIB Colony as the Education Works Department took up the responsibility of repairs and renovation of the four schools on indication by Karachi Water Partnership. Since the sanitation are also under repair, KWP decided to divert the rehabilitation programme to PIB schools, but it may be noted that that Education Works Department is not making clean drinking water available to Leemo Gabol Schools, therefore KWP will adhere to its original intervention plan of digging wells (boring) to help supply drinking water to the children.

5. TOP PRIORITY PROBLEMS OF PIB SCHOOLS

During the visit to the site on 1st February 2010 by the concerned persons the following problems were identified.

- (a) One new drinking water tank is required for four schools housing nearly 1000 children.
- (b) Connection to be laid from underground water tank to the drinking water tank.
- (c) Four toilets (one for each school) have to be scrapped and renovated fully with new bowls, sewerage connections, flush tanks taps and overhead water tank.
- (d) New sewerage line laid to be connected to the main outside sewerage line.
- (e) Each toilet to have own sewerage chamber for ease in de-choking and cleaning.
- (f) Overhead tank required to supply water to the toilets.

6. SUGGESTED SOLUTIONS

- A new drinking water tank to be constructed to cater to at least 1200 students and staff.
- Connecting water pipe line be fixed to the new drinking water tank from the main underground tank.
- All four toilets to be remade, tiled, with flush tanks and taps.
- All toilets to be connected to main sewerage line outside the school.
- Overhead tank to be fixed on the toilets for water supply.

7. IMPORTANT CONTRIBUTION BY HISAAR FOUNDATION

Hisaar Foundation has been promoting Integrated Water Resources Management (IWRM), through participatory processes by engaging with the government, agriculture, industries, the civil society, academic and research institutions. To help build public-private partnership, Hisaar Foundation has taken upon itself the rehabilitation of school sanitation and supply of clean drinking water to encourage better performance by the government institutions.

8. DEVELOPMENT OF PROCEDURES FOR IMPLEMENTATION OF PROJECT

In order to commence the actual work a set of procedures were developed by the Field Programme Manager so that the entire work could be carried out with proper planning, streamlined procedures and systems put in place that would also ensure good project management through transparency and accountability.

These are:

1. Visits to schools to meet heads, teachers, parents, neighbours and school watchmen
2. Visit to schools with contractors
3. Information to Gulshan-e-Iqbal Town Administration of future rehabilitation activities
4. Development of work orders
5. Approval of work orders by Hisaar Foundation's Accounts Department
6. Implementation of the project
7. Supervision, monitoring and reporting
8. Handing over rehabilitation facilities to schools heads and WWN



Poor condition of toilets in PIB Schools



Sewerage line connected to main line



Repair of toilets



Newly made toilets



Overhead Tank being fixed on the toilets



PIB Schools Cluster

WORK ORDER FOR IMPROVEMENT OF SCHOOL SANITATION AND SUPPLY OF CLEAN DRINKING WATER IN FIVE PIB SCHOOLS

Estimated Budget of the Project

S #		DESCRIPTION OF ITEMS	QTY/NOS.	UNIT	RATE	AMOUNT	GRAND TOTAL
1		Construction of 4 washrooms					
	a	T-cock	4	Nos.	300	1200	
	b	WC	4	Nos.	1200	4800	
	c	Taps	4	Nos.	350	1400	
	d	P-Trap	4	Nos.	80	320	
	e	Flush Tank	4	Nos.	630	2520	
	f	Chambers 30 blocks	60	Blocks	16	960	
	g	Bajri single truck	2	Truck	1100	2200	
	h	Cement (bags)	10	Bags	350	3500	
	I	Washroom fittings steel pipes ½"	60	Feet	70	4200	
	J	Paint work in washroom	Job			5000	
	K	Tiles with material	4	Feet	2500	10000	
	I	Iron Toilet Door	1		4000	4000	
2	m	Iron Toilet Door repair	3		500	1500	41,600
		Sewerage Line:					
		washroom to mainline					
	A	6" PVC Pipe	130	Feet		18330	
	B	Solution	6	Packs		1320	
	C	Socket pvc 6"	15	Pcs.		5250	
	D	Labour of digging (130 ft.)	2	Labour	4000	8000	32900
3		Overhead Tank:					
	a	capacity 250 litres	1	No.	6000	6000	
	b	Overhead tank to drinking water tank connection ¾" steel pipe.	35	Fit	80	2800	8800
4		Drinking Water Tank					
	a	Blocks	200	Blocks	16	3200	
	b	Cement	6	Bags	350	2100	
	c	Beams 5 fit	15	Fit	90	1350	
	d	Slabs	40	Fit		1200	
	e	Tank cover				300	
	f	Tile (6 packs)	6	Packs	350	2100	
	g	Taps	4	Nos.	300	1200	

**FINAL REPORT – IMPROVEMENT OF SCHOOL SANITATION AND SUPPLY OF CLEAN DRINKING WATER
KARACHI WATER PARTNERSHIP – AN INITIATIVE OF HISAAR FOUNDATION
FUNDED BY UBL SUPPORTED BY HISAAR FOUNDATION**

S #		DESCRIPTION OF ITEMS	QTY/NOS.	UNIT	RATE	AMOUNT	GRAND TOTAL
	h	Sockets	4	Nos.	30	120	
	i	Nipples with welding	4	Nos.	50	200	
	j	Sewerage pipe pvc	10	Fit.	50	500	
	k	Bajri Truck	1	Truck		2000	14270
5		Underground Tank					
	a	Pump 1 Hp				10000	
	b	Pipe 1" steel	20	Fit	120	2400	
	c	Pipe 1" pvc	135	Fit	45	6075	
	d	Cement, cabin with iron grill doors for electric motor pump for safety	1	No.	2000	2000	
	e	Repairs of existing water motor pumps for GGSS Meridian)	2	Nos.	1500	3000	
	f	Metal cover for underground tank for Meridian Girls School	1	No.	1000	1000	
		Electric supply for motor			1500	1500	25,975
6		Constriction of 2 wall & 100 fit Floor Plaster					
	a	Blocks	50		16	800	
	b	Cement (bags)	3	Nos.	350	1050	
	c	Bajri single suzuki	1		1100	1100	
	d	Water storage drum	1	Rent 5 days	50	250	
	e	Ladder for color	1	Rent 5 days	40	160	3360
7		Contractor Charges					
	a	Per day 700	26	Days	700	18,200	
	b	Plumbing Charges	26	Days	700	18,200	
	c	Mason	26	Days	700	18,200	
	d	Helper Labour 2 nos.	26	Days	800	20,800	
	e	Color Labour	3	Days	800	2400	

**FINAL REPORT – IMPROVEMENT OF SCHOOL SANITATION AND SUPPLY OF CLEAN DRINKING WATER
KARACHI WATER PARTNERSHIP – AN INITIATIVE OF HISAAR FOUNDATION
FUNDED BY UBL SUPPORTED BY HISAAR FOUNDATION**

S #		DESCRIPTION OF ITEMS	QTY/NOS.	UNIT	RATE	AMOUNT	GRAND TOTAL
	d	Color helper	3	Days	400	1200	
	e	Conveyance Charges (from shop to site)				2000	
		Total					81,000 207,905

Details of Work Orders as per Activity

WORK ORDER NO. 1

S #		DESCRIPTION OF ITEMS	QTY/ Nos	UNIT	RATE	AMOUNT	GRAND TOTAL
		Construction of 4 washrooms					
	a	T-cock	4	Nos.	300	1200	
	b	WC	4	Nos.	1200	4800	
	c	Taps	4	Nos.	350	1400	
	d	P-Trap	4	Nos.	80	320	
	e	Flush Tank	4	Nos.	630	2520	
	f	Chambers 30 blocks	60	Blocks	16	960	
	g	Bajri single truck	2	Truck	1100	2200	
	h	Cement (bags)	10	Bags	350	3500	
	I	Washroom fittings steel pipes ½"	60	Feet	70	4200	
	J	Paint work in washroom	Job			5000	
	K	Tiles with material	4	Feet	2500	10000	
	L	Iron Toilet Door	1		4000	4000	
	m	Iron Toilet Door repair	3		500	1500	41,600



4 toilets before rehab



Inside of toilet



WC installation

**FINAL REPORT – IMPROVEMENT OF SCHOOL SANITATION AND SUPPLY OF CLEAN DRINKING WATER
KARACHI WATER PARTNERSHIP – AN INITIATIVE OF HISAAR FOUNDATION
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Completed toilets

WORK ORDER NO. 2

S #	DESCRIPTION OF ITEMS	QTY/Nos.	UNIT	RATE	AMOUNT	GRAND TOTAL
	Sewerage Line: washroom to mainline					
a	6" PVC Pipe	130	Feet		18330	
b	Solution	6	Packs		1320	
c	Socket pvc 6"	15	Pcs.		5250	
d	Labour of digging (130 ft.)	2	Labour	4000	8000	32,900



A labourer busy digging for sewerage pipe line for disposal of waste water from the toilets



Pipes for sewerage line



Sewerage line installation



Plumber installing sewerage line



6 Chambers inside or and out side the schools reroute the main sewerage line



WORK ORDER NO. 3

S #		DESCRIPTION OF ITEMS	QTY/No S.	UNIT	RATE	AMOUNT	GRAND TOTAL
	a	Overhead Tank: capacity 250 litres	1	No.	6000	6000	
	b	Overhead tank to drinking water tank connection ¾” steel pipe.	35	Fit	80	2800	8800



250 liter fiber over head tank being installed on the toilets building

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WORK ORDER NO. 4

S #		DESCRIPTION OF ITEMS	QTY/NOS.	UNIT	RATE	AMOUNT	GRAND TOTAL
		Drinking Water Tank					
	a	Blocks	200	Blocks	16	3200	
	b	Cement	6	Bags	350	2100	
	c	Beams 5 fit	15	Fit	90	1350	
	d	Slabs	40	Fit		1200	
	e	Tank cover				300	
	f	Tile (6 packs)	6	Packs	350	2100	
	g	Taps	4	Nos.	300	1200	
	h	Sockets	4	Nos.	30	120	
	i	Nipples with welding	4	Nos.	50	200	
	j	Sewerage pipe pvc	10	Fit.	50	500	
	k	Bajri Truck	1	Truck		2000	14270



A new Drinking Water Tank being constructed by masons in the school compound



Mason fixing tiles on the new drinking water tank



Field Programme Manager
Ms Lily Khan inspecting the
new Drinking Water Tank.,
accompanied by the project
contractor and plumber



New drinking water
tank ready for use

WORK ORDER NO. 5

S #		DESCRIPTION OF ITEMS	QTY/NOS.	UNIT	RATE	AMOUNT	GRAND TOTAL
		Underground Tank					
	a	Pump 1 Hp				10000	
	b	Pipe 1" steel	20	Fit	120	2400	
	c	Pipe 1" pvc	135	Fit	45	6075	
	d	Cement, cabin with iron grill doors for electric motor pump for safety	1	No.	2000	2000	
	e	Repairs of existing water motor pumps for GGSS Meridian)	2	Nos.	1500	3000	
	f	Metal cover for underground tank for Meridian Girls School	1	No.	1000	1000	
		Electric supply for motor			1500	1500	25,975
		Constriction of 2 wall & 100 fit Floor Plaster					
	a	Blocks	50		16	800	
	b	Cement (bags)	3	Nos.	350	1050	
	c	Bajri single suzuki	1		1100	1100	
	d	Water storage drum	1	Rent 5 days	50	250	
	e	Ladder for color	1	Rent 5 days	40	160	33,60
		Total					29,335



Installing a new Water Pump Motor in School



A cement cabin for electric water pump safety



Plumber locks the motor after installing



**Electrician cum plumber repairs two broken
down water pumps motors of Meridian Girls
Secondary School**

WORK ORDER NO. 6

The following amount was disbursed to the labour of the project:-

S #		DESCRIPTION OF ITEMS	QTY/NOS.	UNIT	RATE	AMOUNT	GRAND TOTAL
7		Contractor Charges					
	a	Per day 700	26	Days	700	18,200	
	b	Plumbing Charges	26	Days	700	18,200	
	c	Mason	26	Days	700	18,200	
	d	Helper Labour 2 nos.	26	Days	800	20,800	
	e	Color Labour	3	Days	800	2400	
	d	Color helper	3	Days	400	1200	
	e	Conveyance Charges (from shop to site)				2000	
		Total Amount					81,000

9. **MONITORING OF THE PROJECT**

A well defined system of monitoring the progress of the project was put in place and followed rigidly by the following concerned persons:-

a. **Field Programme Manager – Ms. Lily Khan**

Ms. Lily Khan was the main focal person made in-charge as the Field Programme Manager by the Chairperson Mrs. Simi Kamal to directly supervise and coordinate all the project activities with the help of Field Programme Assistant Mr. Taha Hussain. She played an active role by taking keen interest with complete dedication to ensure that all the civil works carried out by the Contractor was according to the sequence of activities mentioned in the “**WORK ORDERS**”. This enabled the work to be done methodically and systematically as each and every item of activity was carefully documented; which also ensured quality and transparency of the work. She was successfully able to meet all the deadlines of the project schedule in spite of her own work of KWP commitments. This therefore kept the project on “track” and “focused” right from the very beginning till the end; which speaks of her professionalism and devotion of meeting all the goals and objectives in a proficient manner.

b. **Assistant Executive Engineer, KW&SB, Mr. Jalal Haider**

Mr. Jalal Haider played a key and important role right from the very beginning of the planning and preparation stage of the project by taking a keen interest in the project that was very welcome and encouraging to all the project staff. His technical inputs greatly assisted in finalizing the civil works that were to be carried out in the target schools. He also gave his time to visit the schools to check and inspect the on-going works, and guided the contractors from time to time on how to go about the work. He also inspected the items purchased for the civil works by the Contractor to ensure that they were of good quality and reasonable price.

Due to the keen interest taken by him, the project was completed on time. The valuable time that he gave to the project is greatly appreciated and acknowledged.

c. **Deputy Town Officer, Gulshan-e-Iqbal Town, Mr. Ikramullah Khan**

Mr. Ikramullah Khan Deputy Town Officer, Gulshan-e-Iqbal Town was associated with the project from the out set of the planning and preparation visit. He was constantly kept in knowledge of the ongoing activities throughout the rehabilitation work. He also regularly informed the Town Municipal Administrator, Mr Shafiq-ur-Rehman of the efforts of Hisaar Foundation and its collaborative partner UBL. Mr Ikram appreciated the efforts of UBL and Hisaar Foundation in supporting the Gulshan-e-Iqbal Town towards rehabilitation of schools water and sanitation facilities.

d. **Union Councilor, Gulshan Town Ms Kaneez Fatima**

Ms Kaneez Fatima, Councilor of PIB area was the first member of Women and Water Network, Gulshan-e-Iqbal Town who identified these schools for Hisaar Foundation. She was always present when required and helped in motivating the schools heads towards care and cleaner environment for children. She has also identified other schools needing rehabilitation support.

10. **PROJECT IMPACT**

The end result of every project is the impact that it creates on the beneficiaries and this can be gauged by the course that is followed by meeting all the Goals and Objectives set out in the Project Proposal, Work Plan, the Deadlines, Standard Operating Procedures, and Transparency in implementing the Project, Management of Accounts, Reports and Returns etc.

The **IMPACT** shown in this project can be summoned up as ‘**EXCELLENT**’ with **100 PERCENT RESULTS** achieved. This can easily be verified by getting a **FEED BACK** from the end users – The **STUDENTS** and **TEACHERS** who have greatly benefited from it. One only needs to visit the schools and find out what the situation was **BEFORE** the project started and what it is **AFTER** its completion. More importantly, the Project has been made **SUSTAINABLE**, as the Head Teachers of the Schools had given a **WRITTEN UNDERTAKING** that they would be responsible to ensure that the school sanitation system, water supply, renovated latrines etc. would be maintained in a proper manner, and the students and teachers would be made aware in the proper use of latrines, conserve water, and keep the school neat and clean at all times through proper disposal of litter.

11. **CONCLUSION**

The Project - **IMPROVEMENT OF SCHOOL SANITATION AND SUPPLY OF CLEAN DRINKING WATER** was able to complete all the objectives spelt out in the Project Proposal through a demonstrated example of excellent Partnership between UBL Bank and Hisaar Foundation – *A Foundation for Water Food and Livelihood Security*, with an outstanding degree of understanding, cooperation, team work, professional competence, honesty of purpose and an enthusiastic desire to sincerely work for the end users – the beneficiaries, Students and Teachers, who have been provided uninterrupted supply of clean drinking water, adequate sanitation and improved renovated latrines after nearly 40 years since the establishment of the schools.

The project was implemented smoothly without a hitch, that was well planned, prepared and executed in a professional manner mainly due to the excellent cooperation between UBL Bank and Hisaar Foundation; and, due to the fact that a very good leadership was provided by its Chairperson, Ms. Simi Kamal to her staff. Field Programme Manager Ms. Lily Khan and the Field Programme Assistant, Mr Taha Hussain played an essential role in coordinating and implementing the

project with a keen sense of dedication and sincerity who remained focused and active from the very beginning till the end.

The project has ably established that two different organizations teaming up as partners have worked in unison like one solid team to attain a common objective for the betterment of the beneficiaries. This in itself has been a remarkable achievement, which could not have been made possible without the unflinching, steadfast support and cooperation of Local Government of Gulshan-e-Iqbal Town, the Karachi Water and Sewerage Board, an important stakeholder, who involved itself in the project with a keen and dedicated desire and perseverance to see the successful completion of the project. This amply proves the point that public-private partnerships can be very effective when both are determined and committed to work in tandem to see the successful end of a project.

This project has been a good motivating factor and a trendsetter to expand the programme further by including more schools in the near future, so that more and more Government Schools are able to get access to Clean Drinking Water and School Sanitation that would improve the overall condition of students health, hygiene and sanitation that is being denied to them at present.

It is hoped and expected that seeing the positive side of this project, more and more Donors / Funding Agencies – National, International, Corporate Organizations, Private Entrepreneurs and Philanthropists would now come forth to invest in the School Rehabilitation Programme for the overall benefit of the students studying in Government Schools. As is a known fact, these schools are existing in a condition of pure neglect, devoid of even the basic necessities of human life, such as the right to safe, clean drinking water, and essential sanitation facilities; which mainly due to the apathy of the Education Department, whose fundamental responsibility is to ensure the provision of the basic facilities to the students and teachers.

The conclusion to this “**FINAL PROJECT REPORT**” cannot be done justice if it had not been for the funding provided by **UBL**, in the rehabilitation programme started under the **KARACHI WATER PARTNERSHIP PROGRAMME an initiative of Hisaar Foundation** to end with a positive note in the most satisfying manner. It has yielded **100 PERCENT RESULT** in comparison to the pathetic state of affairs that existed before the start of the project.

12. HANDING OVER REHABILITATED FACILITIES TO THE SCHOOL HEADS

A small but impressive ceremony was organized on 26th April 2010 by Hisaar Foundation to hand over rehabilitated facilities to the related Head teachers of PIB cluster schools.

Ms Simi Kamal Chair, Hisaar Foundation informed the guests of the philanthropy of UBL Bank in supporting cleaning environment for children. She also introduced the objectives of Hisaar Foundation which were achieved through public-private partnership. She requested all the Heads and teachers to take care of the newly rehabilitated facilities and help train the children in doing the same.



UBL's funded water and sanitation facilities of PIB Schools



Ms Simi Kamal, Chair, Hisaar Foundation with Mr Ikram Ullah Khan, Ms Lily Khan and students of the rehabilitated schools



Ms Simi Kamal, WWN members Deputy Town Officer and Heads of Rehabilitated Schools at the Handing Over Ceremony

13. DISTRIBUTION OF WATER SANITATION EQUIPMENT

In continuation with the rehabilitation process, a set for water / sanitation equipment was provided to the 5 rehabilitated schools, which included buckets, mugs, brooms, dust pans, wipers, lotas, cleaning liquids, soaps, etc. This support was welcomed by the schools as they hardly get funds from the government department for purchase for such useful equipment.

In the end the school children were given small gifts as a token of remembrance of the occasion. The drinking water tank has been labeled with the names of donors and supporters.



**Head Teacher receiving
Water and Sanitation equipment**



**Water & Sanitation equipment
distributed to all five schools**



**Functional Drinking Water
Tank now in use by children**



THANK YOU UBL

Ms Simi Kamal handed over the health and hygiene training programme in schools to WWN Gulshan-e-Iqbal Town, as part of their network responsibilities. Ms Rahila Minhas, President, WWN Gulshan-e-Iqbal Town, Ms Seema Zahid, Treasurer, WWN Gulshan-e-Iqbal Town and Ms Shahnaz Jamil, Treasurer, WWN, Karachi promised to visit the rehabilitated schools regularly to educate and train the children in hygiene practices. Awareness raising in water conservation and waste management would be supported by the distribution of printed guidelines to the school children.

Comments by Beneficiaries:

“Please thank UBL for their kind support offered to our school”

(Mr Kaleem Khan, Headmaster, Faiz-e-Aam English Primary School)

“I do not have such comfortable and colourful toilets in my home”

(Teacher of one of the rehabilitated schools)

“Please thank UBL on our behalf for the financial support and goodwill for our Town’s Schools”

(Mr Ikram Ullah Khan, Deputy Town Officer, Gulshan-e-Iqbal Town)

“Will UBL take care of some of our schools in Jamshed Town?”

(Ms Shahnaz Jamil, Member WWN, Karachi/Headmistress Govt. School)

