

## 1. Introduction:

The activities of the Improving Fire and General Building Safety in Bangladesh largely took place within the context of the National Tripartite Plan of Action on Fire Safety for the Ready-Made Garment Sector and general residential with business sectors in Bangladesh. New work plan devised with a view to taking comprehensive action to prevent further loss of life, limb and property from workplace fires and fire-related accidents and incidents. Through the activities, the partners committed to actively develop, promote and implement collaborative, participatory, and transparent mechanisms to ensure fire safety in Bangladesh. It identifies activities on three levels: legislation and policy, general people in housing societies and practical activities. It also set up a High-Level Tripartite Committee to monitor progress, review and update the Plan as necessary and develop ways through which other stakeholders could support it. There basic requirements are basic fire safety training for housing societies, regular facilities management for residential and commercial buildings, publicities for awareness improvements among general people and safety insure for public personnel. Another important case related with safety is road accident prevention as well as general safety measures for COVID -19 situation for general workers and house maids. Bangladesh Fire Service and Civil Defence Department (FSCD) is performing better about all of these grounds. The Sustainable Research and Consultancy Ltd (SRCL) is also interested to work as a co-partner of FSCD in these mating ground under direct supervision of FSCD. That's why our team is interested to work with FSCD for general housing societies, govt. Offices, shop owners and industrial sectors as well.

## 2. Background:

The fire that started from an electrical short circuit on the specific floor of the any corporate and residential building in Bangladesh spread quickly. Last year we've faced Banai fire, Chawakbazar Fire and DNCC fire incidents tragically. The building just outside Dhaka contained large amounts of fabric and it took some 17 hours before the fire was out. By this time 117 garment workers were dead and a further 200 badly injured. Most of the bodies were found on the second floor of the building from where they could not escape due to inadequate fire exits. A further 12 died leaping from windows to escape the flames. it was apparent from the twin disasters that the regulatory framework and the capacity of authorities to oversee and ensure safety simply had not been able to keep pace with the development of the industry. Issues brought to light included weak enforcement of construction standards, insufficiently developed inspection systems, an absence of collaboration amongst authorities, a chronic lack of staff to carry out building and fire approvals as well as an overall lack of a culture of compliance.

## 3. Goals, Objectives and Beneficiaries:

### 🚦 Goals:

- Create trained safety fighter and public awareness for reducing fire incidents, road accident and safety casualties in Bangladesh.
- One stop solution for Integrated Safety Management (ISM) for Housing Societies, Govt. Offices, Commercial Edifices and Corporate Premises.

### 🚦 Objectives:

- Training for general housekeeper, students, society members, house holders and other stakeholders
- Ensuring the fire safety for housing societies, govt. offices, commercial edifices, and corporate premises for saving lives and cut loses
- Through inspection and implementations, safeguarding long-term sustainability for corporate business and govt. workstations
- Minimization the loss by maximization the awareness among all level of stakeholders in commercial and operational sectors
- Creating awareness among all level of stakeholders

### 🚦 Beneficiaries:

- Housing societies
- Govt. Offices

- Commercial Edifices
- Corporate Buildings

#### 4. Duration of the Project:

<b>Starting Date</b>	<b>January 01, 2021</b>
<b>Implementation Period</b>	<b>January 2021 to February 2023</b>
<b>Closing Date</b>	<b>February 28, 2023</b>

#### 5. Basic Activities of Project:

We will perform the following activities for the Urban Fire Safety Readiness Project: -

<b>Sl. No</b>	<b>Activities</b>
<b>01</b>	A feasibility study for Urban Fire Safety Readiness program
<b>02</b>	Conduct Basic fire safety Training program for housing societies, govt. official building residents, commercial building residents and others
<b>03</b>	To conduct privately technical inspection, problem identification, installation, testing and commissioning safety equipment for different infrastructure as free primarily.
<b>04</b>	One stop Integrated Safety Facility Management (ISFM) service development for all level of stakeholders (online & offline Based)
<b>05</b>	E-Learning training platform for public training and capacity building privately
<b>06</b>	Awareness campaign for Road accident prevention and COVID-19 general safety consciousness privately
<b>07</b>	Work under direct supervision of FSCD

#### 6. Target Working Areas:

##### **Housing Societies:**

- Gulshan Societies
- Banani Societies
- Baridhara Societies
- Dhanmondi Societies
- Govt. Officers Societies
- Uttara Societies
- Niketon Societies and
- Other Housing Societies around Dhaka City

##### **Corporate Building:**

- DCC markets
- Corporate Buildings >10 floor
- Institutions
- Different Clubs

#### 7. General Methods of Service:

	<b>Service</b>	<b>Method</b>
<b>A.</b>	Feasibility Study	Online based survey
		KII and reporting method
<b>B.</b>	Training Services	Online Training program for hosing Societies

		Offline Training program
		Course materials development (E-Learning)
		On ground practical training with materials
C.	IFSM	Online Booking
		Walk through audit and reporting with FSCD checklist
		Installation testing and commissioning
		Approval from FSCD
D.	Awareness Program	Online based, Facebook, YouTube and other social medium awareness
		Non-formal education for safety awareness

## 8. Basic Fire Safety Training Plan

- Basic Fire and Building Safety training for housing society members (Owner, tenant and renter)
- Basic fire safety training for (Housemaid, guards, security persons and caretakers)
- Basic fire safety training for Rescue and First Aid Team (15% of Office Staff Minimum 5 pers.)
- Basic Training on road safety awareness for students, drivers, housewives and baby sitters or caregivers.

## 9. Minimum Participation from Every House:

- ✚ **From High Rise Building (=>10 Storied):**
  - Every Flat – (1 pers. Housemaid and 1 pers. Owner party)
  - For security guards (Min 5 pers. periodically)
- ✚ **For Commercial Buildings:**
  - Every Floor (4 pers.)
  - Security Guard (Min 5 Pers.)
  - Higher Management stake holders (Min 5 pers. from Building)
  - Internal Associations members (Min. 5 pers. from Building)
- ✚ **From General Building:**
  - Every Floor (3 pers.)
  - All security guards (Min 4 pers.)

## 10. Training Target:

Total Target: 30,000 nos		
Category A	Officials and Above	5,000 nos
Category B	Students, Housewives etc.	10,000 nos
Category C	Guards, Housemaids, Caregivers etc.	15,000 nos

## 11. Facilities for FSCD:

- ♣ Project Management Unit (PMU) control
- ♣ Monitoring the full project
- ♣ Remunerations for monitoring officers and PMU unit
- ♣ Remunerations for trainers and master trainers.
- ♣ Remunerations for ISFM monitoring visit
- ♣ Certification and declaration body
- ♣ International training for officers (Singapore and Australia)
- ♣ Branding opportunity for FSCD
- ♣ Create public awareness

## 12. Roles and Activities of SRCL:

1. Organize and implement the basic fire safety program for all level stakeholders
2. Manage all type of training facilities
3. Conduct the training program with a standard manner
4. Conduct the ISFM program for all level of patrons
5. Create public awareness for root level to up
6. Provide one stop services for ISFM for different categories
7. Increase the number of skilled manpower for safety matters in our society
8. Arrange all kinds of program arrangement for publicity
9. Arrange workshop, seminar and certificate providing ceremony
10. Program reporting monthly and half yearly
11. Collect different fund (national and international)
12. Organize the foreign training for project personnel including govt. officers and
13. Other responsibility according to discussion

## 13. General Resource Person for Research and Study:

A strong team including Fire, structure and electrical expert, IT expert, System support technician, Project Management expert and researchers are working with each other and developing the total system. Basic team members list is attached herewith.

Sl. No	Name	Basic Certification
01	Abu Jubayer (Lead Coordinator)	M.Sc. In WRD, BUET NSDA Certified, Project Management Expert
02	Eng. S M Abdullah Al Faruq (Fire Expert)	B.Sc. Engineer FSCD and NFPA Certified
03	Eng. Abdullah Al Mamun (Fire Expert)	B.Sc. Engineer FSCD and NFPA Certified
04	Eng. Manik Hossain	B.Sc. Engineer FSCD and NFPA Certified
05	Eng. S M Saiful Islam	B.Sc. Engineer Electrical Safety Expert and FSCD Certified
06	Eng. Siddiqur Rahman	Structural Safety Expert Assessor (Mechanical and Electrical)
07	Fire Safety Auditor (15)	B.Sc. Engineer (Mechanical and Electrical)
08	Trainer (10)	B.Sc. Engineer (Mechanical and Electrical)

## 14. Basic Outcomes of Project:



**Corporate Practices:**

- Fire Drill
- First Aid Box
- Rescue Team Work
- Ultimate A Safe Work Environment

**15. Publicity of this project:**

- ♣ Paper Publication
- ♣ Facebook
- ♣ You tube
- ♣ A roundtable
- ♣ TV Talk Show
- ♣ Banner
- ♣ Poster
- ♣ Rally and
- ♣ Workshops
- ♣ Awareness Campaign

**16. Foreign Training**

- ♣ NEBOSH, Singapore will be arranged under the work profile for Govt. Officers,
- ♣ Consultancy Firm, Ministry level officers, FSCD officials and others as recommended.

**17. Facilities for FSCD**

- \* Project Management Unit (PMU) control
- \* Monitoring the full project
- \* Remunerations for monitoring officers and PMU unit
- \* Remunerations for trainers and masters trainers.
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- \* Certification and declaration body
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- \* Branding opportunity for FSCD
- \* Create public awareness

**18. Team Experience of Fire Safety Programs:**

Different types of fire and safety related awareness study, activities are going on in our company in different context. Some are here

**Our Completed and Ongoing Projects:**

Sl. No.	Project Name	Organization
01	Basic Fire Safety for Worker & Security Guard in Different Garments Factories	Alliance (Presently NIRAPON)
02	Safety Monitoring Visit (SMV) for Factories	Alliance (Presently NIRAPON) And ACCORD
03	Building and Fire safety assessment	Different Factories
04	Supply Installation, Testing and Commissioning of Fire Instruments	Different Universities, Market Places and factories
05	Mid-level management training for fire safety and alarming system (Workshop and training)	Different Factory Management and University Students

## 19. Tentative Costing for Training Program

Component A		
Basic Fire Safety Training		
Item		Cost in BDT
Per Trainee Cost		6000.00
Breakdown		
Master ToT and ToT		1000.00
Trainers Cost		1000.00
Food and Travel, Venue		1000.00
Materials (Development, Printing and Distribution)		500.00
Online Class, Activities and CBLM Development		500.00
Certificates and Remuneration		1000.00
Publicity		500.00
Overhead		300.00
Others		200.00
Sub-Total		6000 per person
Sub-Total A (for 30,000 person)		18,00,00,000.00

Component B		
Project Management Unit (PMU)		
Sl. No.	Item	Cost in BDT
01	Remuneration (Govt. Staff)	2,00,00,000.00
02	Remuneration (Project Staff)	1,20,00,000.00
03	Office Rent & Utility	30,00,000.00
04	Field Visit & Others	30,00,000.00
05	Transportation	30,00,000.00
06	Electronics Item	20,00,000.00
07	Furniture	15,00,000.00
08	Stationery and Others	5,00,000.00
09	Vat & Tax	1,00,00,000.00
	Sub-Total B	5,50,00,000.00

Component C		
Facility Management		
Sl. No.	Item	Cost in BDT
01	Auditor Training	30,00,000.00
02	Building Inspection	3,00,00,000.00
03	Testing and Commissioning	1,00,00,000.00
04	Fire Drill	20,00,000.00
05	Report & Documentation	10,00,000.00
	Sub-Total C	4,60,00,000.00

Component D		
Awareness Building & COVID-19 Preparedness		
Sl. No.	Item	Cost in BDT
01	COVID-19 Preparedness Training	1,20,00,000.00
02	Foreign Training	1,00,00,000.00
03	Promoting Awareness via Social Media	10,00,000.00
04	TV Talk show, Rally & Campaign	50,00,000.00
05	Work shop & Seminar	50,00,000.00
06	Road Accident Awareness Campaign	20,00,000.00







**Government of the People's Republic of Bangladesh**

**National Board of Revenue**

**Taxpayer's Identification Number (TIN) Certificate**

**TIN : 839930663812**

This is to Certify that **SUSTAINABLE RESEARCH AND CONSULTANCY LTD.** is a Registered Taxpayer of National Board of Revenue under the jurisdiction of **Taxes Circle-177 (Company)** , Taxes Zone **09, Dhaka**.

**Taxpayer's Particulars :**

- 1) Name : **SUSTAINABLE RESEARCH AND CONSULTANCY LTD.**
- 2) Registered Address/Permanent Address : **107, Green Road (1st Floor), Tejgaon, Dhaka**
- 3) Current Address : **107, Green Road (1st Floor), Tejgaon, Dhaka**
- 4) Previous TIN : **Not Applicable**
- 5) Status : **Company**

Date : September 07, 2016

**Please Note:**

1. A Taxpayer is liable to file the Return of Income under section 75 of the Income Tax Ordinance, 1984.
2. Failure to file Return of Income under section 75 is liable to-
  - (a) Penalty under section 124; and
  - (b) Prosecution under section 164 of the Income Tax Ordinance, 1984.



**Deputy Commissioner of Taxes**  
Taxes Circle-177 (Company)  
Taxes Zone 09, Dhaka  
Address : 32, Garib E Newaz Avenue, Sector-13, Uttara,  
Dhaka Phone : 7913944

N. B: This is a system generated certificate and requires no manual signature.