



DRIP IRRIGATION BD LTD.
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PROJECT PROFILE

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TABLE OF CONTENT

SL	SERVICE TITLE		PROJECT TITLE	PAGE NO.
1	MICRO IRRIGATION			01-115
	1.1 DRIP IRRIGATION			01-79
		1.1.1	EGP Tender Project	01-16
		1.1.2	Research Demo Project	17-18
		1.1.3	NGO Funded Project	19-27
		1.1.4	Fruit Orchard Project	28-45
		1.1.5	Vegetables Orchard Project	46-50
		1.1.6	Rooftop Garden Project	51-64
		1.1.7	Vertical Garden Project	65-71
		1.1.8	Agro Butification Project	72-79
	1.2 SPRINKLER IRRIGATION			80-90
		1.2.1	EGP Tender Project	80-81
		1.2.2	Fruit Orchard Project	82-85
		1.2.3	Vegetables Orchard Project	86
		1.2.4	Livestock Grass Field Project	87-88
		1.2.5	Nursery Garden Project	89
		1.2.6	Above Shed/Residence Project	90
	1.3 FOGGING SPRAY			91-115
		1.3.1	NGO Funded Project	91-95
		1.3.2	Inside Dairy/Bull/Poultry Shed	96-107
		1.3.3	Inside Mushroom Shed	108-109
		1.3.4	Inside Nursery/Orchid/Cactus Shed	110-111
		1.3.5	Inside Factory/Workshop	112-113
		1.3.6	Hydroponic Grass Project	114
		1.3.7	Fruit Orchard Project	115
	1.4 ADVANCED AWD			
		1.4.1	Sensor Based AWD System	
2	HYDROPONICS			116-117
		2.1	Dutch Bucket Hydroponics	
		2.2	NFT Vertical Hydroponics	116-117
		2.3	Tower Garden Aeroponics	
3	FILTRATION			118-120
		3.1	Irrigation Filtration Project	118
		3.2	Iron Filtration Project	119-120
		3.3	RO Filtration Project	
4	IOT & AUTOMATION			121-124
		4.1	General Programmable Automation Project	
		4.2	IoT Programmable Automation Project	121-122
		4.4	IoT Sensor Based Automtation Project	123-124
5	SOLAR SYSTEM			125-126
		5.1	Off Grid Solar System	125-126
6	ENVIRONMENT CONTROL			127
		6.1	Green House Setup	
		6.2	Polyshed Setup	127
		6.3	Netshed Setup	127

DRIP IRRIGATION EGP TENDER PROJECT

Project Title: Installation of 02 Nos. Drip Irrigation System at any upazila under Rangamati Region.

Funded by: Program on Agricultural and Rural Transformation for Nurtition, Entrepreneurship and Resilience (**PARTNER**)

Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**

Installed by: Contractor: M.S Ashraf Stile and Construction
Implementing Partner: Drip Irrigation BD Ltd.

Site Location: Kakrachari, Bangalhalia, Rajsthal, Rangamati



Project setup by DIBL Team members



Overall scenario of the project



Field Inspection by Executive Engineer Rangamati



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 7,20,000 BDT (50%)

Site Area: 1 Acre

Fiscal Year: 2023-24

Timeline: 11 Feb 2024 to 28 March 2024

Crops: Guava, Coffee, Cashew nut, Dragon Fruit, Mango, Malta.

Challenges: Source of water, Source of Electricity, Labour, Large area

Achievement: Automatic Timer based Drip Irrigation with Diesel Pump & Header Tank

Equipment: DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube

Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

**DRIP IRRIGATION
EGP TENDER PROJECT**

Project Title: **Installation of 02 Nos. Drip Irrigation System at any upazila under Bogura Region**

Funded by: Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience (**PARTNER**)

Implemented by: Executive Engineer, BADC, Bogura Region

Installed by: Drip Irrigation BD Ltd.

Site Location: Kahalu, Bogura



Overall scenario of the project



Water discharge by dripper nozzle



Field Inspection by Executive Engineer Bogura



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 360000

Site Area: 100 Decimal

Fiscal Year: 2023-24

Timeline: 15/02/2024 to 19/3/2024

Crops: Dragon

Challenges: Source of water, Labour, Large area

Achievement: Automatic Timer based Drip Irrigation with Jet Pump. & Header Tank
Major DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Equipment Flash valve, Adjustable dripper with In-line & online drip tube

Site Manager: **Agriculturist Md. Shamsuzzaman sumon, Assistant Director, Bogura Branch.**

DRIP IRRIGATION EGP TENDER PROJECT

- **Project Title:** Installation of 02 Nos. Drip Irrigation System at any upazila under Bogura Region
- **Funded by:** Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience (**PARTNER**)
- **Implemented by:** Executive Engineer, BADC, Bogura Region
- **Installed by:** Drip Irrigation BD Ltd.
- **Site Location:** Pirgasa, Bogura



Field Inspection by Executive Engineer Bogura



Project setup by DIBL Team members



Water discharge by dripper nozzle



Overall scenario of the project

Fig: Some representative scenarios of the project.

Project Details:

- Revenue: 360000
- Site Area: 100 Decimal
- Fiscal Year: 2023-24
- Timeline: 18/02/2024 to 13/3/2024
- Crops: Dragon
- Challenges: Source of water, Source of Electricity, Labour, Large area
- Achievement: Automatic Timer based Drip Irrigation with Jet Pump.
- Major DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve,
- Equipment Flash valve, Adjustable dripper with In line drip tube
- **Site Manager:** Agriculturist Md. Shamsuzzaman sumon, Assistant Director, Bogura Branch

DRIP IRRIGATION EGP TENDER PROJECT

- **Project Title: Installation of 02 Nos. Drip Irrigation System at any upazila under Bogura Region**
- **Funded by: Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience (PARTNER)**
- **Implemented by: Executive Engineer (MI), BADC, Bogura region**
- **Installed by: Drip Irrigation BD Ltd.**
- **Site Location: Shajanpur, Bogura**



Project setup by DIBL Team members



Main Line Setup



Sprinkler Setup



Overall scenario of the projet

Fig: Some representative scenarios of the project.

Project Details:

- Revenue: 720000
- Site Area: 100 Decimal
- Fiscal Year: 2023-24
- Timeline: 2/06/2024 to Continue
- Crops: Dragon, Mango, Guava, Lemon
- Challenges: Large area, Labor
- Achievement: Automatic Timer based Drip Irrigation with Sub Pump & Header Tank
- Major DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Equipment Flash valve, Adjustable dripper with feeder line & online drip tube
- **Site Manager: Agriculturist Md Shamsuzzaman sumon, Assistant Director, Bogura Branch**

DRIP IRRIGATION EGP TENDER PROJECT

Project Title: **Installation of 02 Nos. Drip Irrigation System at any upazila under Rangamati Region.**

Funded by: Program on Agricultural and Rural Transformation for Nurtition, Entrepreneurship and Resilience (**PARTNER**)

Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**

Installed by: Contractor: M.S Ashraf Stile and Construction
Implementing Partner: Drip Irrigation BD Ltd.

Site Location: Manikchari, Mogban, Sadar, Rangamati



Project setup by DIBL Team members



Overall scenario of the project



Field Inspection by Executive Engineer Rangamati



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **7,20,000 BDT (50%)**

Site Area: 1 Acre

Fiscal Year: 2023-24

Timeline: 11 Feb 2024 to 28 March 2024

Crops: Dragon Fruit

Challenges: Source of water, Labour, Large area, Hill Slope

Achievement: Automatic Timer based Drip Irrigation with Centrifugal Pump & Header Tank

Equipment: DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube

Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

**DRIP IRRIGATION
EGP TENDER PROJECT**

Project Title: **Installation of 02 Nos. Drip Irrigation System at any upazila under Rangamati Region.**

Funded by: Program on Agricultural and Rural Transformation for Nurtition, Entrepreneurship and Resilience (**PARTNER**)

Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**

Installed by: Contractor: M.S George Enterprise
Implementing Partner: Drip Irrigation BD Ltd.

Site Location: Cherarkul, Naikhongchari, Bandarban



Project setup by DIBL Team members



Overall scenario of the project



Field Inspection by Executive Engineer Rangamati



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **7,20,000 BDT (50%)**

Site Area: 1 Acre

Fiscal Year: 2023-24

Timeline: 22 Feb to 30 April 2024

Crops: Guava

Challenges: Source of water, Labour, Large area

Achievement: Automatic Timer based Drip Irrigation with pump & Header Tank

Equipment: DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube

Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

**DRIP IRRIGATION
EGP TENDER PROJECT**

Project Title: **Installation of 02 Nos. Drip Irrigation System at any upazila under Rangamati Region.**

Funded by: Program on Agricultural and Rural Transformation for Nurtition, Entrepreneurship and Resilience (**PARTNER**)

Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**

Installed by: Contractor: M.S George Enterprise
Implementing Partner: Drip Irrigation BD Ltd.

Site Location: Baishari, Naikhongchari, Bandarban



Mainline Setup



Pipe networking



Pipe networking



Pipe networking

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **7,20,000 BDT (50%)**

Site Area: 1 Acre

Fiscal Year: 2023-24

Timeline: 22 Feb to 30 April 2024

Crops: Mango

Challenges: Source of water, Labour, Large area, Slopy land

Achievement: Automatic Timer based Drip Irrigation with Centrifugal Pump & Header Tank

Equipment: DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube

Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION EGP TENDER PROJECT

Project Title: **Installation of 02 Nos. Drip Irrigation System at any upazila under Rangamati Region.**

Funded by: Program on Agricultural and Rural Transformation for Nurtition, Entrepreneurship and Resilience (**PARTNER**)

Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**

Installed by: Contractor: M.S George Enterprise
Implementing Partner: Drip Irrigation BD Ltd.

Site Location: Cherarkul, Naikhongchari, Bandarban



Project setup by DIBL Team members



Project setup by DIBL Team members



Pipe networking



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **7,20,000 BDT (50%)**

Site Area: 1 Acre

Fiscal Year: 2023-24

Timeline: 22 Feb to 16 May 2024

Crops: Lemon, Betel Nut

Challenges: Source of water, Labour, Large area, Irrigation Scheduling

Achievement: Automatic Timer based Drip Irrigation with Submersible Pump & Header Tank

Equipment: DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube

Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION EGP TENDER PROJECT

Project Title: Installation of 02 Nos. Drip Irrigation System at any upazila under Rangamati Region.

Funded by: Program on Agricultural and Rural Transformation for Nurtition, Entrepreneurship and Resilience (**PARTNER**)

Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**

Installed by: Contractor: M.S George Enterprise
Implementing Partner: Drip Irrigation BD Ltd.

Site Location: Chakdala, Naikhongchari, Bandarban



Project setup by DIBL Team members



Pipe networking



Pipe networking



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 7,20,000 BDT (50%)

Site Area: 1 Acre

Fiscal Year: 2023-24

Timeline: 22 Feb to 16 May 2024

Crops: Coffee, Cashew nut, Mango

Challenges: Source of water, Labour, Large area, Hill Slope

Achievement: Automatic Timer based Drip Irrigation with Submersible Pump & Header Tank

Equipment DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube

Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

**DRIP IRRIGATION
EGP TENDER PROJECT**

Project Title: **Installation of 06 Nos. Drip Irrigation System by Solar power at any upazila under Rangamati Region.**
Funded by: **BADC**
Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**
Installed by: **Contractor: Sherpa Power Engineering Ltd.**
Implementing Partner: Drip Irrigation BD Ltd.
Site Location: **Wagga, Baraichari, Rangamati**



Project setup by DIBL Team members



Overall scenario of the project



Pipe networking



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **45,00,000 BDT (3%)**
Site Area: **1 Acre**
Fiscal Year: **2023-24**
Timeline: **13-15 May 2024**
Crops: **Mango**
Challenges: **Source of water, Labour, Large area, Hill Slope**
Achievement: **Automatic Timer based Drip Irrigation with Solar Pump & Header Tank**
Equipment: **DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube**
Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

**DRIP IRRIGATION
EGP TENDER PROJECT**

Project Title: **Installation of 06 Nos. Drip Irrigation System by Solar power at any upazila under Rangamati Region.**
Funded by: **BADC**
Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**
Installed by: **Contractor: Sherpa Power Engineering Ltd.**
Implementing Partner: Drip Irrigation BD Ltd.
Site Location: **Betbunia, Sadar, Rangamati**



Overall scenario



Pipe networking



Pipe networking



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **45,00,000 BDT (3%)**
Site Area: **1 Acre**
Fiscal Year: **2023-24**
Timeline: **19-22 May 2024**
Crops: **Malta, Orange**
Challenges: **Source of water, Labour, Large area, Hill Slope**
Achievement: **Automatic Timer based Drip Irrigation with Solar Pump & Header Tank**
Equipment: **DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube**
Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

**DRIP IRRIGATION
EGP TENDER PROJECT**

Project Title: **Installation of 06 Nos. Drip Irrigation System by Solar power at any upazila under Rangamati Region.**
Funded by: **BADC**
Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**
Installed by: **Contractor: Sherpa Power Engineering Ltd.**
Implementing Partner: Drip Irrigation BD Ltd.
Site Location: **Balukhali, Sadar, Rangamati**



Mainline Irrigation Setup From Tank



Water Discharge From Adjustable Drinker



Main setup with branch Line



Adjustable dripper setup in the field

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **45,00,000 BDT (3%)**
Site Area: **1 Acre**
Fiscal Year: **2023-24**
Timeline: **13-20 June 2024**
Crops: **Mango**
Challenges: **Source of water, Labour, Large area, Hill Slope**
Achievement: **Automatic Timer based Drip Irrigation with Solar Pump & Header Tank**
Equipment: **DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube**
Site Manager: **Mobinul Islam, Assistant Engineer, Chattogram Branch**

**DRIP IRRIGATION
EGP TENDER PROJECT**

Project Title: **Installation of 06 Nos. Drip Irrigation System by Solar power at any upazila under Rangamati Region.**
Funded by: **BADC**
Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**
Installed by: **Contractor: Sherpa Power Engineering Ltd.**
Implementing Partner: Drip Irrigation BD Ltd.
Site Location: **Jobolokkipara, Gulsakhali, Longodu, Rangamati**



Mainline Irrigation setup from Tank



Main Control Section for branch line



Water discharge from the adjustable Dripper



Overall scenario of project setup area

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **45,00,000 BDT (3%)**
Site Area: **1 Acre**
Fiscal Year: **2023-24**
Timeline: **01-04 June 2024**
Crops: **Mango**
Challenges: **Source of water, Labour, Large area, Hill Slope**
Achievement: **Automatic Timer based Drip Irrigation with Solar Pump & Header Tank**
Equipment: **DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube**
Site Manager: **Mobinul Islam, Assistant Engineer, Chattogram Branch**

**DRIP IRRIGATION
EGP TENDER PROJECT**

Project Title: **Installation of 06 Nos. Drip Irrigation System by Solar power at any upazila under Rangamati Region.**
Funded by: **BADC**
Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**
Installed by: **Contractor: Sherpa Power Engineering Ltd.**
Implementing Partner: Drip Irrigation BD Ltd.
Site Location: **Rajnogor, Rupnagar, Gulshakhali, Longodu, Rangamati**



Mainline Irrigation Setup from Tank



Overall Scenario of Project Area



Water Discharge from the Adjustable Drinker



Scenario of the main line position

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **45,00,000 BDT (3%)**
Site Area: **1 Acre**
Fiscal Year: **2023-24**
Timeline: **05-08 June 2024**
Crops: **Mango**
Challenges: **Source of water, Labour, Large area, Hill Slope**
Achievement: **Automatic Timer based Drip Irrigation with Solar Pump & Header Tank**
Equipment: **DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube**
Site Manager: **Mobinul Islam, Assistant Engineer, Chattogram Branch**

DRIP IRRIGATION
EGP TENDER PROJECT

Project Title: **Installation of 06 Nos. Drip Irrigation System by Solar power at any upazila under Rangamati Region.**
Funded by: **BADC**
Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**
Installed by: **Contractor: Sherpa Power Engineering Ltd.**
Implementing Partner: Drip Irrigation BD Ltd.
Site Location: **Boradom, Longodu, Rangamati**



Mainline Irrigation setup from water pump



Main line joining with Tank



16mm tube with bypass connector in mainline



Flash Valve setup in the mainline ending point

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **45,00,000 BDT (3%)**
Site Area: **1 Acre**
Fiscal Year: **2023-24**
Timeline: **09-11 June 2024**
Crops: **Mango**
Challenges: **Source of water, Labour, Large area, Hill Slope**
Achievement: **Automatic Timer based Drip Irrigation with Solar Pump & Header Tank**
Equipment: **DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube**
Site Manager: **Mobinul Islam, Assistant Engineer, Chattogram Branch**

**DRIP IRRIGATION
EGP TENDER PROJECT**

Project Title: **Drip Irrigation system.**
Funded by: **BADC**
Implemented by: **Sherpa Power Engineering Ltd.**
Installed by: **Drip Irrigation BD Ltd.**
Site Location: **Shyamnagar, Satkhira.**



Sprinkler setup DIBL Team member



Inline Irrigation setup DIBL Team member



Mainline, DIBL Filter and venture setup



Project location

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 1,87,380 BDT excluding VAT & TAX
Site Area: 250 Decimal
Fiscal Year: 2022-23
Timeline: 07 August 2024 to 14 August 2024
Crops: Vegetable garden
Challenges: Labour
Achievement: Drip Irrigation with jet pump
Major: Water pump, Inline dripper, Sprinkler irrigation system
Equipment
Site Manager: **Field officer: Md. Masum Billah**

DRIP IRRIGATION RESEARCH DEMO PROJECT

Project Title: **Automatic Drip Irrigation System in Coffee Orchard**
 Funded by: Bangladesh Agricultural Research Institute
 Implemented by: BARI Bandarban
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Chimbuk, Bandarban



Field Inspection



Overall scenario of the project



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 55,000 BDT
 Site Area: 05 decimals
 Fiscal Year: 2023-24
 Timeline: 10-11 January 2024
 Crops: Coffee
 Challenges: Source of water, Labour cost, Technical Knowledge of farmer, Hill slope
 Achievement: Installation of Drip Irrigation system by gravity force with automation were solved the problem
 Equipment: Reserve tank, Timer, Filter, Adjustable dripper with online drip tube & connector
 Site Manager: **Md. Rasel Molla, Technical Officer, Chattogram Branch**

**DRIP IRRIGATION
RESEARCH DEMO PROJECT**

Project Title: **Sprinkler & Drip Irrigation System in Vegetable Orchard**
Funded by: BARI
Implemented by: Zahid
Installed by: Drip Irrigation BD Ltd.
Site Location: Pirpur, Pabna



Overall scenario of the project



In Line & On line Pipe Installation



Installation Of Sprinkler



Project setup by DIBL Team members

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 18000
Site Area: 5 decimals
Fiscal Year: 2023-24
Timeline: 05/05/2024
Crops: Mixed Vegetable
Achievement: Automatic Timer based Drip Irrigation with Diesel Pump & Header Tank
Major Micro jet Sprinkler
Equipment: Adjustable dripper with feeder line & online drip tube
Site Manager: **Agriculturist Md. Shamsuzzaman sumon**
Assistant Director, Bogura Branch.

DRIP IRRIGATION
NGO FUNDED PROJECT

Project Title: **Drip Irrigation in Vegetable Orchard**
Funded by: CARE Bangladesh
Implemented by: CARE Bangladesh
Installed by: Drip Irrigation BD Ltd
Site Location: Ukhyia, Cox's Bazar



Training Program



Product setup training



Project setup by farmer



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 25,000 BDT
Site Area: 20 decimal
Fiscal Year: 2022-23
Timeline: 14 March 2023
Crops: Cucumber, Bottle gourd, Brinjal, Tomato
Challenges: Labour, Large area, Irrigation Scheduling
Achievement: Installation of Drip Irrigation system by gravity force with existing power source for water uptake
Equipment: Reserve Tank, Filter, Adjustable dripper with online drip tube system
Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION
NGO FUNDED PROJECT

Project Title: **Rural Micro-enterprise Transformation Project (RMTP) Drip Irrigation**
Funded by: **Palli Karmo Shohaok Foundation (PKSF)**
Implemented by: **Integrated Development Foundation (IDF), Matiranga, Khagrachari**
Installed by: **Drip Irrigation BD Ltd.**
Site Location: **Matiranga Sadar, Khagrachari**



Drip Tube networking in the Dragon Fruit Orchard



Water discharge from Adjustable Dripper



Farmers workshop for Drip irrigation setup



Farmers Training on Micro irrigation system

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 60,000 BDT including VAT & TAX
Site Area: 1 Acre
Fiscal Year: 2022-23
Timeline: 17-24 April 2023
Crops: Dragon Fruit, Mango
Challenges: Source of water, Labour, Large area, Hill slope, Technical Knowledge of farmer
Achievement: Installation of Drip Irrigation system by gravity force with existing power source for water uptake, Installation training & workshop for farmer
Equipment: Filter, Adjustable dripper with online drip tube
Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION NGO FUNDED PROJECT

Project Title: **Drip Irrigation in Malta Orchard**
 Funded by: IDF Bashkhali
 Implemented by: IDF Bashkhali
 Installed by: Drip Irrigation BD Ltd
 Site Location: Bashkhali Chattogram



Project setup by DIBL Team members



Overall scenario of the project



Pipe networking



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 35,000 BDT
 Site Area: 1 bigha
 Fiscal Year: 2022-23
 Timeline: 25-27 May 2023
 Crops: Malta Orchard
 Challenges: Source of water, Labour, Large area, Hill slope
 Achievement: Installation of Drip Irrigation system by centrifugal pump were solved the problem
 Equipment: Pump, Filter, Adjustable dripper with online drip tube and connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION
NGO FUNDED PROJECT

Project Title: **Drip Irrigation System in Vegetable Orchard (Sarjan Model)**
Funded by: Sagorika Samaj Unnoyon Sangstha
Implemented by: Sagorika Samaj Unnoyon Sangstha
Installed by: Drip Irrigation BD Ltd
Site Location: Khasherhat, Noakhali



Project setup by DIBL Team members



Project setup by farmer



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 30,000 BDT
Site Area: 20 decimal
Fiscal Year: 2022-23
Timeline: 21 June 2023
Crops: Cucumber, Bottle gourd, Bitter gourd
Challenges: Labour, Large area, Irrigation Scheduling
Achievement: Installation of Drip Irrigation system by gravity force with existing power source for water uptake
Equipment: Reserve Tank, Filter, Adjustable dripper with online drip tube system
Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION NGO FUNDED PROJECT

Project Title: **Drip Irrigation System in Vegetable Orchard (Sarjan Model)**
 Funded by: BRAC CDSP project
 Implemented by: BRAC CDSP project
 Installed by: Drip Irrigation BD Ltd
 Site Location: Hatia, Noakhali



Overall scenario of the project



Product list



Project setup by DIBL Team



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 40,000 BDT
 Site Area: 1 bigha
 Fiscal Year: 2022-23
 Timeline: 22 June 2023
 Crops: Cucumber, Bottle gourd, Bitter gourd
 Challenges: Labour, Large area, Irrigation Scheduling
 Achievement: Installation of Drip Irrigation system by gravity force with existing power source for water uptake
 Equipment: Reserve Tank, Filter, Adjustable dripper with online drip tube system
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION
NGO FUNDED PROJECT

Project Title: **Drip Irrigation System in Mango Orchard**
Funded by: IDF
Implemented by: IDF Matiranga
Installed by: Drip Irrigation BD Ltd.
Site Location: Matiranga, Khagrachari



Overall scenario of the project



Project setup by DIBL Team



Field Inspection by Executive Engineer Rangamati



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 30,000 BDT
Site Area: 15 decimals
Fiscal Year: 2022-23
Timeline: 26 December 2023
Crops: Mango
Challenges: Source of water, Labour cost, Technical Knowledge of farmer
Achievement: Installation of Drip Irrigation system by pump pressure with were solved the problem
Equipment: Pump, Filter, Adjustable dripper with online drip tube & connector
Site Manager: **Md. Rasel Molla, Technical Officer, Chattogram Branch**

DRIP IRRIGATION NGO FUNDED PROJECT

Project Title: **Drip Irrigation system.**
 Funded by: Shishu Niloy Foundation
 Implemented by: Md. Jamal
 Installed by: **Drip Irrigation BD Ltd.**
 Site Location: Dulalpur, **Jeshore.**



Mainline Irrigation setup



Fogging Irrigation setup DIBL Team member



Water discharge by Fogger



Overall scenario of the project

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 252800 BDT excluding VAT & TAX
 Site Area: 80 Decimal
 Fiscal Year: 2022-23
 Timeline: 05 July 2024 to 05 July 2024
 Crops: Rooftop garden
 Challenges: Labour
 Achievement: Drip Irrigation with jet pump
 Major Equipment: Water pump, Adjustable dripper, Support stand, 4mm drip tube, LDPE drip tube irrigation system
 Site Managr: **Field officer: Md. Masum Billah**

DRIP IRRIGATION
NGO FUNDED PROJECT

Project Title: Drip Irrigation System setup in Mango Garden
Funded by: Mohila Bohumukhi sheikha Kendra
Implemented by: Abu Sufian
Installed by: Drip Irrigation BD Ltd.
Site Location: Dinajpur



Field Inspection by Branch Nanager



Water discharge by dripper nozzle



Project setup by DIBL Team member



Overall scenario of the projet

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 24360

Site Area: 45 Decimal

Fiscal Year: 2022-23

Timeline: 6/12/2023 to 7/12/2023

Crops: Mango, Coconut, Lemon

Challenges: no

Achievement: Drip Irrigation with Only Tank Pressure Use in Irrigation purpose.

Major Filter, Tap connector, Drip Valve

Equipment Adjustable dripper with feeder line & online drip tube

Site Manager: Agriculturist Md. Shamsuzzaman sumon, Assistant Director, Bogura Branch.

DRIP IRRIGATION
NGO FUNDED PROJECT

Project Title: Drip Irrigation in Fruit Orchard

Funded by: Jagoroni foundation

Implemented by: Mojid islam

Installed by: Drip Irrigation BD Ltd.

Site Location: Pabna



Project setup by DIBL Team members



Project setup by DIBL Team members



Overall scenario of the projet



Overall scenario of the projet

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 24000

Site Area: 24 Decimal

Fiscal Year: 2023-24

Timeline: 18/03/2024 to 19/03/2024

Crops: Guava

Challenges: Water Source Long Distance

Achievement: Drip Irrigation with Jet Pump.

Major Pump, PE Tube

Equipment, Adjustable dripper with feeder line & online drip tube

Site Manager: Agriculturist Md. Shamsuzzaman sumon, Assistant Director, Bogura Branch.

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation in Hilly Fruit Orchard**
 Funded by: Kamal Agrovat Ltd.
 Implemented by: Kamal Agrovat Ltd.
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Lama, Bandarban



Project setup by DIBL Team members



Overall scenario of the project



Mainline pipe networking



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 220000 BDT
 Site Area: 40 acres
 Fiscal Year: 2021-22
 Timeline: 26 September 2022 to 17 October 2022
 Crops: Hilly Fruit Orchard
 Challenges: Irrigation maintenance, Labour, Large area, Slopy area
 Achievement: Drip Irrigation for 8000 plants were solved the problem
 Equipment: Water pump, Filter, HDPE Coil Pipe, Adjustable Dripper, Drip tube and connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION
FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation in Dragon Fruit Orchard**
Funded by: **Korian EPZ**
Implemented by: **Korian EPZ**
Installed by: **Drip Irrigation BD Ltd.**
Site Location: **KEPZ, Anowara, Chattogram**



Field visit with Client



Overall scenario of the project



Overall scenario of the project



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 125000 BDT
Site Area: 5 acres
Fiscal Year: 2021-22
Timeline: 26 March 2022 to 28 March 2022
Crops: Dragon Fruit Orchard
Challenges: Irrigation maintenance, Labour, Large area
Achievement: Drip Irrigation for 2200 plants with 4 zone were solved the problem
Equipment: Water pump, Filter, Adjustable Dripper, Drip tube and connector
Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation in Hilly Dragon Fruit Orchard**
 Funded by: Mr. Milton Chakma
 Implemented by: Mr. Milton Chakma
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Manikchari, Rangamati



Project setup by DIBL Team members



Overall scenario of the project



Project setup by farmer



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 120000 BDT
 Site Area: 5 acres
 Fiscal Year: 2021-22
 Timeline: 29 March 2022 to 02 April 2022
 Crops: Dragon Fruit Orchard
 Challenges: Irrigation maintenance, Labour, Large area, Hill slope
 Achievement: Drip Irrigation for 1500 plants with 3 zone were solved the problem
 Equipment: Submersible pump, Filter, Adjustable Dripper, Drip tube and connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation in Hilly Malta Orchard**
Funded by: Chittagong Hill Tracts Development Board (CHTDB)
Implemented by: Chittagong Hill Tracts Development Board (CHTDB)
Installed by: Drip Irrigation BD Ltd.
Site Location: Venus Resort, Bandarban



Overall scenario of the project



Water discharge by dripper nozzle



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 50000 BDT
Site Area: 25 decimals
Fiscal Year: 2021-22
Timeline: 24-25 September 2022
Crops: Hilly Malta Orchard
Challenges: Irrigation maintenance, Labour, Large area, Slopy area
Achievement: Drip Irrigation for 120 plants were solved the problem
Equipment: Water pump, Filter, Adjustable Dripper, Drip tube and connector
Site Manager: **Civil Eng. Asadul Islam, Sub-Assistant Engineer, Chattogram Branch**

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation in Hilly Dragon Fruit Orchard**
Funded by: FM Agro Limited
Implemented by: FM Agro Limited
Installed by: Drip Irrigation BD Ltd.
Site Location: Batnatoli, Manikchari, Khagrachari



Overall scenario



Mainline Pipe networking and Tank Setup



Mainline Pipe networking



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 145000 BDT
Site Area: 1 acre
Fiscal Year: 2022-23
Timeline: 12-20 November 2022
Crops: Dragon fruit orchard in Hill slope
Challenges: Irrigation maintenance, Labour, Large area, Slopy land, Schedule maintenance
Achievement: Drip Irrigation for 1 acre areas were solved the problem
Equipment: Water pump, filter, HDPE coil pipe, thread pipe, adjustable dripper, drip tube, connector
Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation in Hilly Papaya Orchaed**
 Funded by: Rupongkor chakma
 Implemented by: Rupongkor chakma
 Installed by: Drip Irrigation BD Ltd
 Site Location: Changrachhari, Mahalchari, Khagrachari



Project setup by DIBL Team members



Mainline Pipe networking



Mainline Pipe networking



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 55000 BDT
 Site Area: 0.5 acre
 Fiscal Year: 2022-23
 Timeline: 21-26 December 2022
 Crops: Hilly Papaya Orchard
 Challenges: Irrigation maintenance, Labour, Large area, Slopy land, Schedule maintenance
 Achievement: Drip Irrigation for 0.5 acre area were solved the problem
 Equipment: Reserve Tank, filter, HDPE coil pipe, thread pipe, adjustable dripper, drip tube, connector
 Site Manager: **Md. Rasel Molla, Technical Officer, Chattogram Branch**

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation System for Fruit Orchard at Central Offsite Store, Chattogram**
Funded by: One Bank Limited
Implemented by: One Bank Limited, Kalurghat branch
Installed by: **Drip Irrigation BD Ltd.**
Site Location: Kalurghat, **Chattogram**



DIBL Team member with Client



Motor & Filter setup



Project setup by DIBL Team members



Water discharge from adjustable dripper

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 70,000 BDT excluding VAT & TAX
Site Area: 1 Acre
Fiscal Year: 2022-23
Timeline: 09-10 January 2023
Crops: Mango, Dragon fruit
Challenges: Labour, Large area, Irrigation Scheduling
Achievement: Installation of Drip Irrigation system by gravity force with existing power source for water uptake
Equipment: Water pump, Filter, Adjustable dripper with online drip tube system
Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Automatic Drip Irrigation System in Mango Orchard**
Funded by: Mr. Shihab
Implemented by: Mr. Shihab
Installed by: Drip Irrigation BD Ltd
Site Location: Cornel Hat, Chattogram



Overall scenario of the project



Overall scenario of the project



Water discharge by dripper nozzle



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 26,000 BDT
Site Area: 25 decimals
Fiscal Year: 2022-23
Timeline: 08 May 2023
Crops: Mango
Challenges: Source of water, Labour cost, Technical Knowledge of farmer
Achievement: Installation of Drip Irrigation system by pump pressure with automation were solved the problem
Equipment: Pump, Timer, Filter, Adjustable dripper with online drip tube & connector
Site Manager: **Md. Rasel Molla, Technical Officer, Chattogram Branch**

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation on Dragon Garden.**
Funded by: Navy Anchorage
Implemented by: Comander Moheuddin
Installed by: Drip Irrigation BD Ltd.
Site Location: Lake city road, Khilkhat.



Overall scenario of the project



Water discharge by dripper nozzle



Water discharge by dripper nozzle



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 38,000 BDT.
Site Area: 4,000 Squ.
Fiscal Year: 2023-24
Timeline: 08 Feb 2024.
Crops: Dragon, Tomato, Flower.
Challenges: Plumbing, Pipe Line.
Achievement: Source of water. Labour, Outside of Building.
Major Equipment: Adjustable dripper.
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation System for Fruit Orchard at Central Offsite Store, Jeshore.**
 Funded by: Noyon
 Implemented by: Noyon
 Installed by: **Drip Irrigation BD Ltd.**
 Site Location: Patkelghata, Satkhira



Field inspection by farmer



Mainline Irrigation setup from water pump DIBL Team member



Water discharge from adjustable vortexing



Water discharge by vortex

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 10,800 BDT excluding VAT & TAX
 Site Area: 25 Decimal
 Fiscal Year: 2022-23
 Timeline: 01 June 2024 to 01 June 2024
 Crops: Dragon fruit
 Challenges: Labour
 Achievement: Drip Irrigation with jet pump
 Major Equipment: Water pump, Vortex with smart stand, online drip tube system
 Site Managr: **Field officer: Md. Masum Billah**

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation system.**
Funded by: Md. Liton
Implemented by: Md. Liton
Installed by: **Drip Irrigation BD Ltd.**
Site Location: Jibannagar payaratala, **Jeshore.**



Mainline Irrigation setup from water pump



Drip Irrigation system setup



Overall scenario of the project



Water discharge by Adjustable dripper

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 80,000 BDT excluding VAT & TAX
Site Area: 100 Decimal
Fiscal Year: 2022-23
Timeline: 07 March 2024 to 08 March 2024
Crops: Grapes garden
Challenges: Labour
Achievement: Drip Irrigation with jet pump
Major Equipment: Water pump, Adjustable dripper, By-pass valve, End lock, 16mm drip tube
Site Managr: **Field officer: Md. Masum Billah**

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation system.**
 Funded by: Md. Jolil
 Implemented by: Md. Jolil
 Installed by: **Drip Irrigation BD Ltd.**
 Site Location: Damdarpur, **Jeshore.**



DIBL Filter and Venture setup



Mainline Irrigation setup from water pump DIBL
Team member



Overall scenario of the project



Water discharge by Ad.dripper

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 54112 BDT excluding VAT & TAX
 Site Area: 60 Decimal
 Fiscal Year: 2022-23
 Timeline: 12 February 2024 to 13 February 2024
 Crops: Dragon garden
 Challenges: Labour
 Achievement: Drip Irrigation with jet pump
 Major Equipment: Water pump, Adjustable dripper, 4mm drip tube, drip tube irrigation system
 Site Managr: **Field officer: Md. Masum Billah**

**DRIP IRRIGATION
FRUIT ORCHARD PROJECT**

Project Title: **Drip Irrigation system.**
Funded by: Mr.Tanku
Implemented by: Mr.Tanku
Installed by: **Drip Irrigation BD Ltd.**
Site Location: Sagordari,Satkhira.



Field inspection by farmer



Mainline Irrigation setup from water pump



Drip Irrigation setup DIBL team member



Water discharge by Ad.Dripper

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 12700 BDT excluding VAT & TAX
Site Area: 14 Decimal
Fiscal Year: 2022-23
Timeline: 20 March 2024 to 20 March 2024
Crops: Banana garden
Challenges: Labour
Achievement: Drip Irrigation with jet pump
Major Equipment: Water pump, Adjustable dripper, drip tube irrigation system
Site Manager: **Field officer: Md. Masum Billah**

**DRIP IRRIGATION
FRUIT ORCHARD PROJECT**

Project Title: Drip Irrigation System in Dragon Fruit Orchard
Funded by: Mr.shohidul
Implemented by: Mr.shohidul
Installed by: Drip Irrigation BD Ltd.
Site Location: Shokhipur,Tangail



Project setup by DIBL Team members



Project setup by DIBL Team members



Overall scenario of the projet



Overall scenario of the projet

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 54933
Site Area: 15 Decimal
Fiscal Year: 2023-24
Timeline: 24/4/2024 to 26/4/2024
Crops: Dragon
Challenges: Water Source, Large area. Transport, large area, Labor
Achievement: Automatic Timer based Drip Irrigation with Jet Pump & Header Tank
Major Filter, Air release valve,
Equipment Adjustable dripper with feeder line & online drip tube
Site Manager: Agriculturist Md. Shamsuzzaman sumon, Assistant Director, Bogura Branch.

**DRIP IRRIGATION
FRUIT ORCHARD PROJECT**

Project Title: **Online Drip Irrigation system on Dragon Garden.**
Funded by: Shofiquil Islam
Implemented by: Shofiquil Islam
Installed by: Drip Irrigation BD Ltd.
Site Location: Basabo, Mohammadpur.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 4,500 BDT.
Site Area: 70 squ
Fiscal Year: 2023-24
Timeline: 13 Mar 2024.
Orchard: Dragon
Challenges: Source of water. Labour, Installation Pipe line.
Achievement: Installation Pipe line & Electric Valve Setup.
Major: Adjustable dripper.
Equipment:
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

**DRIP IRRIGATION
FRUIT ORCHARD PROJECT**

Project Title: **Inline Drip Irrigation System in Row Hilly Dragon Fruit Orchard**
Funded by: FM Agro Limited
Implemented by: FM Agro Limited
Installed by: Drip Irrigation BD Ltd
Site Location: Manikchari, Khagrachari



Overall scenario of the project



Overall scenario of the project



Overall scenario of the project



Project setup by plumber

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 42,000 BDT
Site Area: 1 acres
Fiscal Year: 2023-24
Timeline: 29-30 January 2024
Crops: Dragon Fruit
Challenges: Labour, Large area, Irrigation Scheduling, Hill slope
Achievement: Installation of Drip Irrigation system by Centrifugal pump were solved the problem
Equipment: Reserve Tank, pump, Filter, Inline drip irrigation system with connector
Site Manager: **Mobinul Islam, Assistant Engineer, Chattogram Branch**

DRIP IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Drip Irrigation system.**
Funded by: Khulna DIG Sir
Implemented by: Khulna DIG Sir
Installed by: **Drip Irrigation BD Ltd.**
Site Location: Kaligonj, Rail Gate.



Mainline setup DIBL team member



Inline Irrigation setup



Overall scenario of the project



Inline dripper system

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 73325 BDT excluding VAT & TAX
Site Area: 120 Decimal
Fiscal Year: 2022-23
Timeline: 24 February 2024 to 26 February 2024
Crops: Dragon garden
Challenges: Labour
Achievement: Drip Irrigation with jet pump
Major: Water pump, Inline dripper, irrigation system
Equipment
Site Managr: **Field officer: Md. Masum Billah**

**DRIP IRRIGATION
FRUIT ORCHARD PROJECT**

Project Title: **Drip Irrigation & Fogging system on Rooftop Garden.**
Funded by: Sabbir Ahmed
Implemented by: Sabbir Ahmed
Installed by: Drip Irrigation BD Ltd.
Site Location: Mirpur-1.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 8,516 BDT.
Site Area: 120 squ
Fiscal Year: 2023-24
Timeline: 17 Mar 2024.
Orchard: Flower, Vegetable.
Challenges: Source of water. Installation Pipe line.
Achievement: Installation Pipe line.
Major: Adjustable dripper, Fogger.
Equipment:
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION
VEGETABLES ORCHARD PROJECT

Project Title: **Inline Drip Irrigation on Capsicum Garden.**
Funded by: Arshad
Implemented by: Arshad
Installed by: Drip Irrigation BD Ltd.
Site Location: Burundi kheyra ghat, Mitora, Singair, Manikganj



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 18,400 BDT.
Site Area: 2500 Squ
Fiscal Year: 2023-24
Timeline: 22 Jan 2024.
Crops: Capsicum.
Challenges: Source of water, Pump Setup, Labour.
Achievement: Inline Drip Irrigation with Pressure Pump.
Major
Equipment: Inline Drip Tape.
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION
VEGETABLES ORCHARD PROJECT

Project Title: **Inline Drip Tape Irrigation on Cucumber Garden.**
Funded by: **Abdur Rahaman**
Implemented by: **Abdur Rahaman**
Installed by: **Drip Irrigation BD Ltd.**
Site Location: **Katlamari, Valoka, Maymansing.**



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 123,130 BDT.
Site Area: 2acre
Fiscal Year: 2023-24
Timeline: 26 Feb 2024 to 28 Feb 2024.
Crops: Cucumber.
Challenges: Source of water. Labour, Pipe line, Filter Installation, Venturi Setup.
Achievement: Filter Installation, Venturi Setup.
Major: Inline Drip Tape
Equipment:
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION
VEGETABLES ORCHARD PROJECT

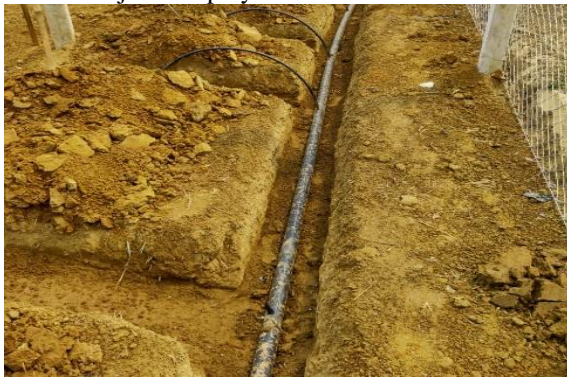
Project Title: **Inline Drip Irrigation system on Capsicum Garden.**
Funded by: Tanzil Ahmed
Implemented by: Tanzil Ahmed
Installed by: Drip Irrigation BD Ltd.
Site Location: volua royal city, purbachal, dhaka.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 38,155 BDT.
Site Area: 1 Acre
Fiscal Year: 2023-24
Timeline: 09 Mar 2024.
Crops: Capsicum.
Challenges: Source of water. Labour, Installation Pipe line, Automation Box Setup.
Achievement: Automation Box Setup, Installation Pipe line & Water Filter.
Major
Equipment: Inline Drip Tape, Water Filter.
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION
VEGETABLES ORCHARD PROJECT

Project Title: **Inline Drip Irrigation system.**
Funded by: Mr. Maruf
Implemented by: Mr. Maruf
Installed by: Drip Irrigation BD Ltd.
Site Location: Kishorganj.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 90,500 BDT.
Site Area: 1.5Acre
Fiscal Year: 2023-24
Timeline: 29 May 2024.
Crops: Capsicum.
Challenges: Source of water. Installation Pipe line & Water Filter.
Achievement: Installation Pipe line, Water Filter.
Major Equipment: Inline Drip Tape.
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION
VEGETABLES ORCHARD PROJECT

Project Title: In line Drip Irrigation System in Vegetables
Funded by: Mr Atiq
Implemented by: Mr Atiq
Installed by: Drip Irrigation BD Ltd.
Site Location: Thakurgang, Ranishnkal



Overall scenario of the project



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members

Fig: Some representative scenarios of the project.

Project Details:

- Revenue: 26650
- Site Area: 22 Decimal
- Fiscal Year: 2022-23
- Timeline: 24/11/2023 to 25/11/2023
- Crops: Cucumber
- Challenges: Water source, Pump Issue
- Achievement: In line Drip Irrigation with water Pump & Header Tank
- Major Filter, Venturi
- Equipment In Line dripper connect with Main line HDPE pipe.
- **Site Manager: Agriculturist Md. Shamsuzzaman sumon, Assistant Director, Bogura Branch.**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation System at Roof Top Garden.**
 Funded by: Md. Zakaria (Harun villa)
 Implemented by: Md. Zakaria
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Chittagong Road, Shidhergong, Narayanganj



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

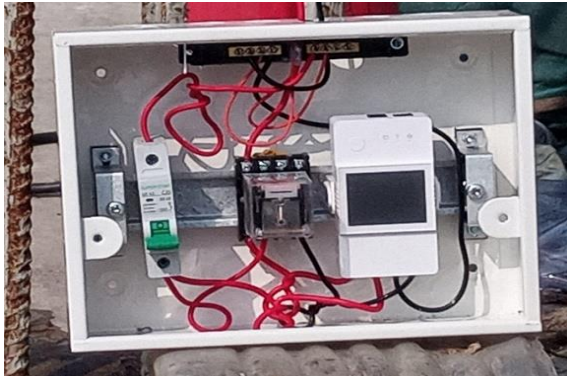
Fig: Some Picture of the project.

Project Details:

Revenue: **11,404 BDT**
 Site Area: 2000 Squ
 Fiscal Year: 2023-24
 Timeline: 1 Nov 2023
 Crops: Rose, Mango, Malta.
 Challenges: Source of water.
 Achievement: Drip Irrigation with Header Tank
 Major Equipment: Adjustable dripper with feeder line.
 Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation on Rooftop Garden.**
Funded by: Mr. Shahan
Implemented by: Mr. Shahan
Installed by: Drip Irrigation BD Ltd.
Site Location: Hamayatpur, Saver.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 10,000 BDT.
Site Area: 3000 Squ.
Fiscal Year: 2023-24
Timeline: 05 Feb 2024.
Orchard: Flower.
Challenges: Automatic Wi-fi Timer Setup, Electric line, Plumber.
Achievement: Wi-Fi Timer setup, Control on Mobile Phone.
Major
Equipment: Adjustable dripper.
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation on Rooftop Garden.**
Funded by: MA Zaman
Implemented by: MA Zaman
Installed by: Drip Irrigation BD Ltd.
Site Location: Mothertake, Basabo, Garments Goli, Dhaka.



Project setup by DIBL Team members



Water discharge by dripper nozzle



Project setup by DIBL Team members



Project setup by DIBL Team members

Fig: Some Picture of the project.

Project Details:

Revenue: 12,000 BDT.
Site Area: 1,000 Squ.
Fiscal Year: 2023-24
Timeline: 25 Feb 2024.
Crops: Tomato, Flower.
Challenges: Source of water. Labour.
Achievement: Drip Irrigation System.
Major Equipment: Adjustable dripper.
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation system on Rooftop Garden.**
Funded by: Titu
Implemented by: Titu
Installed by: Drip Irrigation BD Ltd.
Site Location: Shatkhera, Bagher Hat, Khulna.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 17,225 BDT.
Site Area: 3,000 squ
Fiscal Year: 2023-24
Timeline: 03 Apr 2024.
Orchard: Flower.
Challenges: Source of water. Installation Pipe line.
Achievement: Installation Pipe line.
Major: Adjustable dripper.
Equipment:
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation system on Rooftop Garden.**
Funded by: Mubasser Hassan
Implemented by: Mubasser Hassan
Installed by: Drip Irrigation BD Ltd.
Site Location: DOHS, Mirpur, Dhaka.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 5,438BDT.
Site Area: 2,000 squ
Fiscal Year: 2023-24
Timeline: 03 Apr 2024.
Orchard: Flower.
Challenges: Source of water. Installation Pipe line.
Achievement: Installation Pipe line.
Major: Adjustable dripper.
Equipment:
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation system on Rooftop Garden.**
Funded by: Rashed Islam
Implemented by: Green me
Installed by: Drip Irrigation BD Ltd.
Site Location: Lalbag, Dhaka.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 30,000 BDT.
Site Area: 5000 Squ.
Fiscal Year: 2023-24
Timeline: 01 Jul 2024.
Challenges: Source of water.
Achievement: Installation Pipe line.
Major Equipment: Water Filter.
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation in Rooftop Garden**
 Funded by: Mr. Mohsin
 Implemented by: Mr. Mohsin
 Installed by: Drip Irrigation BD Ltd
 Site Location: Jamalkhan, Chattogram Sadar



Project setup by DIBL Team members



Overall scenario of the project



Water discharge by dripper nozzle



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 7000 BDT
 Site Area: 3 decimal
 Fiscal Year: 2021-22
 Timeline: 20 April 2022 to 23 April 2022
 Crops: Rooftop Garden
 Challenges: Difficult to manage time for irrigation in rooftop Plant
 Achievement: Automation in Irrigation were solved the problem
 Equipment: Filter, Programmable Timer, Adjustable Dripper, Feeder tube, Drip tube and connector
 Site Manager: **Civil Eng. Asadul Islam, Sub-Assistant Engineer, Chattogram Branch**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation on Rooftop Garden**
Funded by: AM. Zaved
Implemented by: AM. Zaved
Installed by: Drip Irrigation BD Ltd.
Site Location: Sarkerhat, Hathazari, Chattogram



Project setup by DIBL Team members



Overall scenario of the project



Project setup



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 10,000 BDT
Site Area: 4 decimal
Fiscal Year: 2022-23
Timeline: 08 August 2022
Crops: Rooftop Garden
Challenges: Difficult to manage time for irrigation in rooftop Plant
Achievement: Automation in Irrigation were solved the problem
Equipment: Filter, Programmable Timer, Adjustable Dripper, Feeder tube, Drip tube and connector
Site Manager: **Civil Eng. Asadul Islam, Sub-Assistant Engineer, Chattogram Branch**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation in Rooftop Garden**
 Funded by: JIC Irrigation Technology
 Implemented by: JIC Irrigation Technology
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Forhadabad School, Hathazari, Chattogram



Project setup by DIBL Team members



Overall scenario of the project



Water discharge by dripper nozzle



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 17000 BDT
 Site Area: 8 decimal
 Fiscal Year: 2022-23
 Timeline: 20 October 2022
 Crops: Rooftop Garden
 Challenges: Difficult to manage time for irrigation in rooftop Plant
 Achievement: Drip Irrigation by submersible pump were solved the problem
 Equipment: Pump, Filter, Adjustable Dripper, Feeder tube, Drip tube and connector
 Site Manager: **Md. Rasel Molla, Technical Officer, Chattogram Branch**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Automatic Drip Irrigation in Rooftop Garden**
Funded by: Mr. Kabir
Implemented by: Mr. Kabir
Installed by: Drip Irrigation BD Ltd
Site Location: Foy's Lake, Khulshi, CTG



Overall scenario of the project



Overall scenario of the project



Water discharge by dripper nozzle



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 6000 BDT
Site Area: 8 decimal
Fiscal Year: 2022-23
Timeline: 15 November 2022
Crops: Rooftop Garden
Challenges: Difficult to manage time for irrigation in rooftop Plant
Achievement: Drip Irrigation by programmable timer were solved the problem
Equipment: Pump, Filter, Adjustable Dripper, Feeder tube, Drip tube and connector
Site Manager: **Md. Rasel Molla, Technical Officer, Chattogram Branch**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation System in Belcony Garden**
 Funded by: Mr. Manik
 Implemented by: Mr. Manik
 Installed by: Drip Irrigation BD Ltd
 Site Location: Chalkbazar, CTG



Overall scenario of the project



Overall scenario of the project



Overall scenario of the project



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 12,000 BDT
 Site Area: 01 decimal
 Fiscal Year: 2023-24
 Timeline: 06-07 September 2023
 Crops: Ornamental, fruit and vegetables plant in belcony garden
 Challenges: Difficult to provide plant irrigation in belcony garden
 Achievement: Drip irrigation with gravity force were solved the problem
 Equipment: Filter, adjustable dripper, Drip tube and connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation in Rooftop and Belcony Garden**
 Funded by: Jumairah Housing Service Provider
 Implemented by: Jumairah Islam Plaza
 Installed by: Drip Irrigation BD Ltd
 Site Location: Khulshi, Chattogram



Project setup by DIBL Team members



Overall scenario of the project



Overall scenario of the project



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 13,000 BDT
 Site Area: 1 decimal
 Fiscal Year: 2023-24
 Timeline: 14-27 September 2023
 Crops: Ornamental, fruit and vegetables plants in rooftop & belcony garden
 Challenges: Difficult to provide irrigation in rooftop & belcony garden, Irrigation schedule
 Achievement: Drip irrigation with gravity force were solved the problem
 Equipment: Reserve tank, Filter, adjustable dripper, Drip tube and connectors
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation system.**
 Funded by: Md.Kobir
 Implemented by: Md.Kobir
 Installed by: **Drip Irrigation BD Ltd.**
 Site Location: Mahespur,Gopalpur.



Field inspection by farmer



Mainline Irrigation setup from Reserve tank



Overall scenario of the project



Water discharge by mini sprinkler

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 7,800 BDT excluding VAT & TAX
 Site Area: 12 Decimal
 Fiscal Year: 2022-23
 Timeline: 05 July 2024 to 05 July 2024
 Crops: Rooftop garden
 Challenges: Labour
 Achievement: Drip Irrigation with jet pump
 Major Equipment: Water pump, Adjustable dripper, Support stand, 4mm drip tube, LDPE drip tube irrigation system
 Site Managr: **Field officer: Md. Masum Billah**

DRIP IRRIGATION ROOFTOP GARDEN PROJECT

Project Title: **Drip Irrigation on Factory Garden.**
Funded by: Aman Fashion & Design Ltd
Implemented by: Ishtiyak ahammed.
Installed by: Drip Irrigation BD Ltd.
Site Location: Ashulia.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 24,450 BDT.
Site Area: 3500 Squ.
Fiscal Year: 2023-24
Timeline: 29 Jan 2024.
Orchard: Flower.
Challenges: Source of water, Drip Valve Setup.
Achievement: Drip Irrigation with Header Tank
Major: Adjustable dripper.
Equipment:
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION
VERTICAL GARDEN PROJECT

Project Title: **Drip & Vertical Garden Irrigation System.**
Funded by: BKMEA
Implemented by: Giasa Uddin
Installed by: Drip Irrigation BD Ltd.
Site Location: Narayangang



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 80,172 BDT.
Site Area: 1500 Squ.
Fiscal Year: 2023-24
Timeline: 25 Jun 2024 to 30 Jun 2024.
Orchard: Flower.
Challenges: Source of water, Main water line, Automation Box Setup, Electric Valve Setup.
Achievement: Installation Pipe line, Automation Box Setup, Electric Valve Setup.
Major: PC Dripper. Adj Dripper.
Equipment:
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION
VERTICAL GARDEN PROJECT

Project Title: **Vertical Garden Irrigation System.**
Funded by: Moon view
Implemented by: Mr. Taher.
Installed by: Drip Irrigation BD Ltd.
Site Location: Baridhara, Block -K, Road No-4, House no -4.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 97,880 BDT.
Site Area: 1200 Squ.
Fiscal Year: 2023-24
Timeline: 21 May 2024 to 11 Jun 2024.
Orchard: Flower.
Challenges: Source of water, Main water line.
Achievement: Installation Pipe line.
Major Equipment: PC Dripper.
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION
VERTICAL GARDEN PROJECT

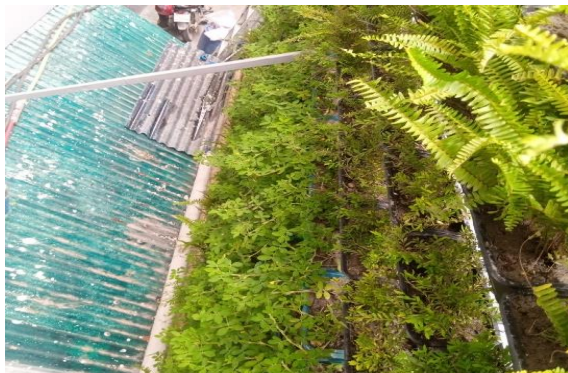
Project Title: **Vartical Garden Irrigation system.**
Funded by: Taher
Implemented by: Taher
Installed by: Drip Irrigation BD Ltd.
Site Location: Lalmatia, Dhaka.



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle



Project setup by DIBL Team members

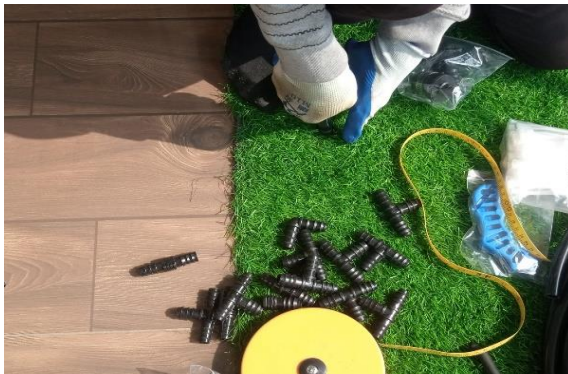
Fig: Some Picture of the project.

Project Details:

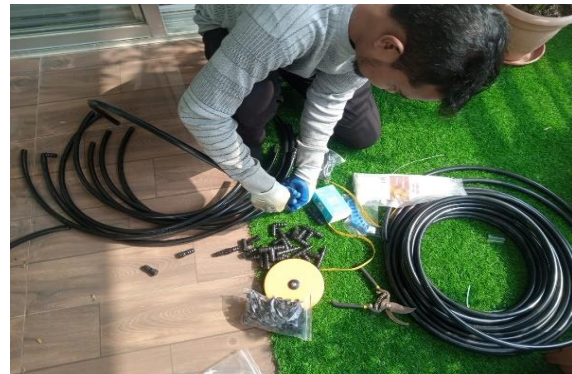
Revenue: 26,296 BDT.
Site Area: 216 squ
Fiscal Year: 2023-24
Timeline: 09 May 2024.
Orchard: Flower.
Challenges: Source of water. Installation Pipe line.
Achievement: Installation Pipe line.
Major: PC Dripper.
Equipment:
Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

DRIP IRRIGATION VERTICAL GARDEN PROJECT

Project Title: **Drip Irrigation System at Vertical Garden.**
 Funded by: S.A Munem
 Implemented by: S.A Munem
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Baridhara, Gulshan-2



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members

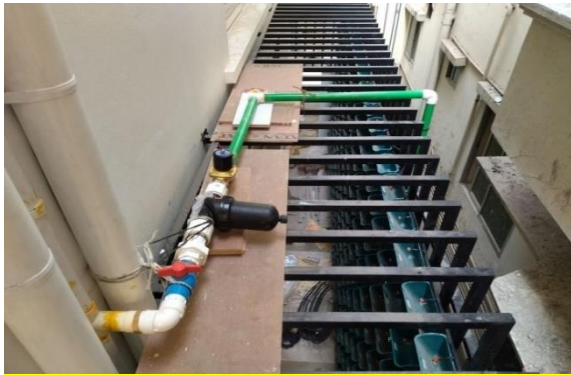
Fig: Some Picture of the project.

Project Details:

Revenue: 10,970 BDT
 Site Area: 200 Squ
 Fiscal Year: 2023-24
 Timeline: 18 Jan 2024
 Orchard: Money Plant.
 Challenges: Source of water.
 Achievement: Automatic Irrigation.
 Major PC dripper.
 Equipment:
 Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch**

DRIP IRRIGATION VERTICAL GARDEN PROJECT

Project Title: **Automated Drip Irrigation Vertical Garden**
Funded by: Protassi NGO
Implemented by: Protassi NGO
Installed by: Drip Irrigation BD Ltd
Site Location: Chandgaon, Chattogram



Overall scenario of the project



Project setup by DIBL Team members



Overall scenario of the project



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 50000 BDT
Site Area: 0.5 decimal
Fiscal Year: 2022-23
Timeline: 22 February to 07 March 2023
Crops: Ornamental plant in vertical garden
Challenges: Difficult to provide plant irrigation in vertical garden
Achievement: Automated drip irrigation with gravity force were solved the problem
Equipment: Filter, timer, PC dripper, Feeder tube, Drip tube and connector
Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION VERTICAL GARDEN PROJECT

Project Title: **Installation of Drip Irrigation System in Vertical Garden**
 Funded by: bti Abode housing project
 Implemented by: bti Abode housing project
 Installed by: Drip Irrigation BD Ltd
 Site Location: Khulshi, Chattogram



Project setup by DIBL Team members



Overall scenario of the project



Project setup by DIBL Team members



Water discharge by dripper nozzle

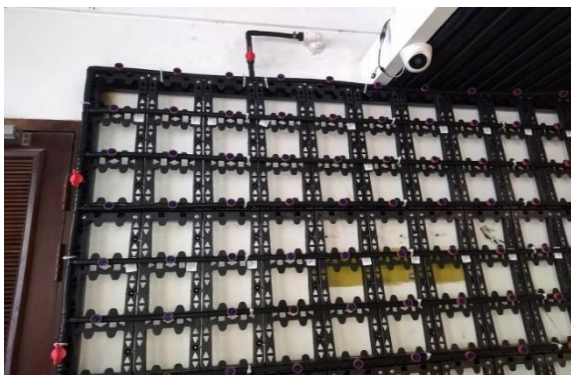
Fig: Some representative scenarios of the project.

Project Details:

Revenue: 15000 BDT
 Site Area: 0.25 decimal
 Fiscal Year: 2022-23
 Timeline: 12 June 2023
 Crops: Ornamental plant in vertical garden
 Challenges: Difficult to provide plant irrigation in vertical garden
 Achievement: Drip irrigation with gravity force were solved the problem
 Equipment: Filter, PC dripper, Feeder tube, Drip tube and connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION VERTICAL GARDEN PROJECT

Project Title: **Automatic Drip Irrigation System in Vertical Garden**
 Funded by: Handi Restaurant
 Implemented by: Handi Restaurant
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Dampara, Chattogram



Project setup by DIBL Team members



Overall scenario of the project



Overall scenario of the project



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 22,000 BDT
 Site Area: 0.5 decimal
 Fiscal Year: 2023-24
 Timeline: 20-22 August 2023
 Crops: Ornamental plant in vertical garden
 Challenges: Difficult to provide plant irrigation in vertical garden
 Achievement: Drip irrigation with automation and gravity force were solved the problem
 Equipment Filter, Wifi timer, solenoid valve, PC dripper, Feeder tube, Drip tube and connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION AGRO BUTIFICATION PROJECT

Project Title: **Drip Irrigation System at Graments Garden.**
 Funded by: Continantal Garments pvt Ltd
 Implemented by: Mr Shipar
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Pukurpar , Jirabo, Ashulia.



Water discharge by dripper nozzle



Water discharge by dripper nozzle



Water discharge by dripper nozzle



Project setup by DIBL Team members

Fig: Some Picture of the project.

Project Details:

Revenue: **5,770 BDT**
 Site Area: 1000 Squ
 Fiscal Year: 2023-24
 Timeline: 11 Dec 2023
 Crops: Lemon, flower.
 Challenges: Source of water. Technical Knowledge of farmer.
 Achievement: Drip Irrigation with Pressure Pump, Water Filter Install
 Major: Adjustable dripper, Water Filter.
 Equipment
 Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch**

DRIP IRRIGATION AGRO BUTIFICATION PROJECT

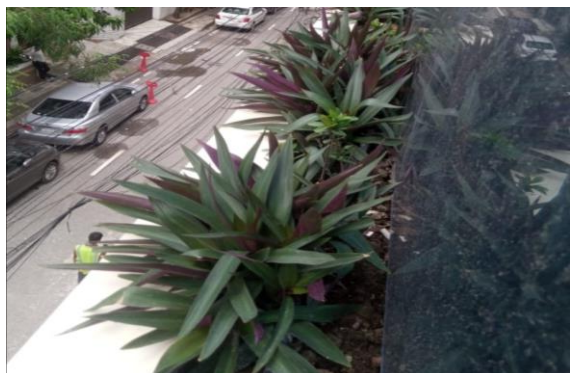
Project Title: **Drip Irrigation System at Garden.**
 Funded by: Mimi Hospital
 Implemented by: Md. Abul Kashem
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Road-3, Sector-6, Uttara.



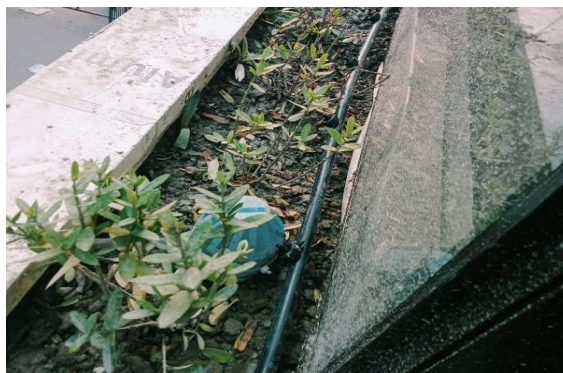
Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 79,574 BDT
 Site Area: 9000 Squ
 Fiscal Year: 2023-24
 Timeline: 11 Dec 2023 to 20 Dec 2023
 Orchard: flower.
 Challenges: Source of water. Labour, Large area, Outside of Building.
 Achievement: Automatic Drip Irrigation System, Water Filter Install, Electric Valve Installation.
 Major Equipment: 4L PC dripper, Water Filter.
 Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch**

DRIP IRRIGATION AGRO BUTIFICATION PROJECT

Project Title: **Landscape Irrigation (Drip & Sprinkler) in Bunglo House**
 Funded by: Mr. Shahed
 Implemented by: Mr. Shahed
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Begumganj, Noakhali



Overall scenario of the project



Overall scenario of the project



Project setup by DIBL Team members



Water discharge by sprinkler nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 85000 BDT
 Site Area: 2 acres
 Fiscal Year: 2022-23
 Timeline: 24 October 2022 to 10 November 2022
 Crops: Ornamental, Fruits and Vegetables in Bunglo House
 Challenges: Irrigation maintenance, Labour, Large area, Schedule maintenance
 Achievement: Drip and Sprinkler Irrigation for 2 acres areas were solved the problem
 Equipment Water pump, filter, HDPE coil pipe, thread pipe, adjustable dripper, drip tube, connector, mini sprinkler, pop up sprinkler, impact sprinkler
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION AGRO BUTIFICATION PROJECT

Project Title: **Drip, Sprinkler & Fogging System in Bunglo House Irrigation**
 Funded by: Ma Moni Agro Ltd.
 Implemented by: Ma Moni Agro Ltd.
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Zorarganj, Mirsharai, Chattogram



Project setup by DIBL Team members



Overall scenario of the project



Water discharge by dripper nozzle



Water spray by fogger nozzle

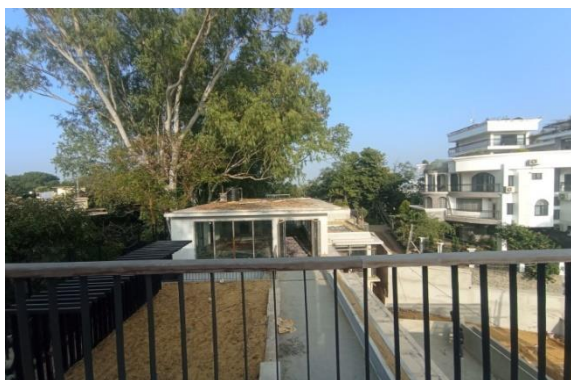
Fig: Some representative scenarios of the project.

Project Details:

Revenue: 102000 BDT
 Site Area: 1 acre
 Fiscal Year: 2022-23
 Timeline: 05-08 June 2023
 Crops: Fruits & Ornamental plants in Bunglo House
 Challenges: Source of water, Labour, Large area, Irrigation scheduling
 Achievement: Installation of Drip Irrigation system by centrifugal pump were solved the problem
 Equipment Pump, Filter, HPDE Pipe, Thread pipe, Adjustable dripper, Sprinkler, Fogger, online drip tube and connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION AGRO BUTIFICATION PROJECT

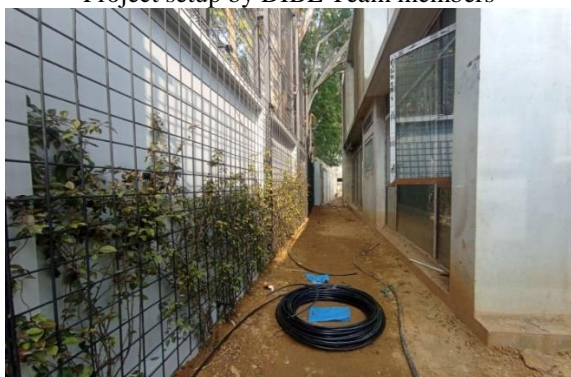
Project Title: **Drip & Sprinkler Irrigation System in Bunglo House**
 Funded by: TK Group
 Implemented by: Summer Hill Residence Project
 Installed by: Drip Irrigation BD Ltd
 Site Location: Summer Hill Residential, Forest gate, Chattogram



Project setup by DIBL Team members



Overall scenario of the project



Overall scenario of the project



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 180,000 BDT
 Site Area: 2.5 bigha
 Fiscal Year: 2023-24
 Timeline: Running Project
 Crops: Turf, Fruits & Ornamental plants in Bunglo House
 Challenges: Source of water, Labour, Large area, Irrigation scheduling
 Achievement: Installation of Drip & Sprinkler Irrigation system by centrifugal pump were solved the problem
 Equipment Pump, Filter, cPVC Pipe, Thread pipe, Adjustable dripper, Impact Sprinkler, Popup Sprinkler, online drip tube and connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION AGRO BUTIFICATION PROJECT

Project Title: **Sprinkler Irrigation System for Ornamental and Fruits Orchard in front of Office Premises**
 Funded by: Green Rooftop Nursery
 Implemented by: Green Rooftop Nursery
 Installed by: Drip Irrigation BD Ltd.
 Site Location: BSC bhaban, Chittagong port, Chittagong



Project setup by DIBL Team members



Overall scenario of the project



Mainline pipe networking



Water discharge by sprinkler nozzle

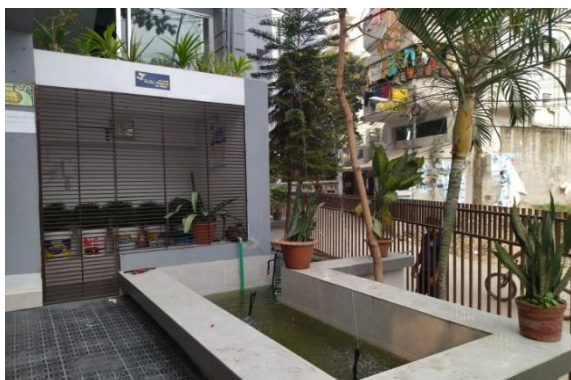
Fig: Some representative scenarios of the project.

Project Details:

Revenue: 45,000 BDT
 Site Area: 15 decimal
 Fiscal Year: 2023-24
 Timeline: 22 January to 07 February 2024
 Crops: Fruits & Ornamental plants in front of Office premises
 Challenges: Source of water, Labour, Large area, Irrigation scheduling
 Achievement: Installation of Sprinkler Irrigation system by submersible pump were solved the problem
 Equipment: Pump, Filter, HPDE Pipe, Thread pipe, Mini Sprinkler, Popup Sprinkler, online drip tube and connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION AGRO BUTIFICATION PROJECT

Project Title: **Fountain System in Large Aquarium**
 Funded by: Belayet Hossain Chowdhury
 Implemented by: Belayet Hossain Chowdhury
 Installed by: Drip Irrigation BD Ltd
 Site Location: Mayor Goli, Nasirabad



Overall scenario of the project



Overall scenario of the project



Overall scenario of the project



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 4000 BDT
 Site Area: 0.5 decimal
 Fiscal Year: 2022-23
 Timeline: 14 February 2023
 Garden: Fountain System setup inside Large Aquarium
 Challenges: Oxygen supply, water balance maintenance
 Achievement: Vortex sprayer with gravity force were solved the problem
 Equipment: Vortex sprayer, adjustable dripper, drip tube, connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

DRIP IRRIGATION AGRO BUTIFICATION PROJECT

Project Title: **Installation of Waterfall or Fountain in front of Commander Bunglo**
 Funded by: Bangladesh Army
 Implemented by: BMA, Bhatiary, Chattogram
 Installed by: Drip Irrigation BD Ltd.
 Site Location: BMA, Bhatiary, Sitakundu, Chattogram



Overall scenario of the project



Overall scenario of the project



Project setup by DIBL Team members



Water discharge nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 10,000 BDT
 Site Area: 03 decimals
 Fiscal Year: 2023-24
 Timeline: 09-12 November 2023
 Shed: Waterfall or Fountain System in front of Commander Bunglo
 Challenges: Perfect distribution of water in every outlet and scheduling
 Achievement: Water discharge by pump pressure with automation were solved the problem
 Equipment: Water pump, Timer, thread pipe, pvc fittings
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

SPRINKLER IRRIGATION EGP TENDER PROJECT

Project Title: **Installation of 02 Nos. Sprinkler Irrigation System at any upazila under Rangamati Region.**

Funded by: Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience (**PARTNER**)

Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**

Installed by: Contractor: M.S SS Trading
Implementing Partner: Drip Irrigation BD Ltd.

Site Location: Dungri Headman para, Naikhongchari, Bandarban



Overall scenario of the project



Pump, Filter and pipe setup



Overall scenario of the project



Sprinkler setup

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **7,63,000 BDT (25%)**

Site Area: 1 Acre

Fiscal Year: 2023-24

Timeline: 22 Feb to 30 May 2024

Crops: Lemon & Mango

Challenges: Source of water, Labour, Large area, Hill slope

Achievement: Automatic Timer based Drip Irrigation with Submersible Pump & Header Tank

Equipment: DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube

Site Manager: **Mobinul Islam, Assistant Engineer, Chattogram Branch**

SPRINKLER IRRIGATION EGP TENDER PROJECT

Project Title: **Installation of 02 Nos. Drip Irrigation System at any upazila under Rangamati Region.**

Funded by: Program on Agricultural and Rural Transformation for Nurtition, Entrepreneurship and Resilience (**PARTNER**)

Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**

Installed by: Contractor: M.S Ashraf Stile and Construction
Implementing Partner: Drip Irrigation BD Ltd.

Site Location: Headman para, Sonaichari, Naikhongchari, Bandarban



Project setup by DIBL Team members



Overall scenario of the project



Sprinkler setup



Water discharge by sprinkler nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **7,63,000 BDT (25%)**

Site Area: 1 Acre

Fiscal Year: 2023-24

Timeline: 22 Feb to 30 May 2024

Crops: Lemon & Mango

Challenges: Source of water, Labour, Large area, Hill slope

Achievement: Automatic Timer based Drip Irrigation with Submersible Pump & Header Tank

Equipment: DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube

Site Manager: **Mobinul Islam, Assistant Engineer, Chattogram Branch**

SPRINKLER IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Sprinkler Irrigation System in Mango Orchard**
 Funded by: Unilever Bangladesh Limited
 Implemented by: Unilever Bangladesh Limited
 Installed by: Drip Irrigation BD Ltd
 Site Location: Kalurghat, Cahttogram Sadar



Project setup by DIBL Team members



Overall scenario of the project



Project setup by DIBL Team members



Water discharge by sprinkler nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 75000 BDT
 Site Area: 33 decimal
 Fiscal Year: 2021-22
 Timeline: 09 June 2022 to 27 June 2022
 Crops: Mango & Ornamental Fruit Orchard
 Challenges: On time irrigation, Beautification, Automation
 Achievement: Automatic Sprinkler irrigation system setup for whole garden
 Equipment: Centrifugal pump, Filter, Sprinkler, HDPE coil & Thread pipe
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

SPRINKLER IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Solar Powered Drip & Sprinkler Irrigation in Hilly Fruit Orchard**
 Funded by: Nasir Agro Zone
 Implemented by: Nasir Agro Zone
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Manikchari, Khagrachari



Overall scenario of the project



Overall scenario of the project



Water discharge by sprinkler nozzle



Water discharge by sprinkler nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 850000 BDT
 Site Area: 25 acres
 Fiscal Year: 2022-23
 Timeline: 31 October 2022 to 27 December 2022
 Crops: Mango, Litchi, Guava, Dragon fruit and Rambutan Fruit Orchard in Hill
 Challenges: Irrigation maintenance, Labour, Large area, Schedule maintenance
 Achievement: Drip and Sprinkler Irrigation for 25 acres areas were solved the problem
 Equipment: Water pump, filter, uPVC pipe, HDPE coil pipe, thread pipe, adjustable dripper, drip tube, connector, big sprinkler
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

SPRINKLER IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Sprinkler Irrigation system.**
 Funded by: Pallave Ghosh
 Implemented by: Pallave Ghosh
 Installed by: **Drip Irrigation BD Ltd.**
 Site Location: Khuniya, Khulna



Field inspection by farmer



Mainline Irrigation setup from water pump



Project site location



Water discharge by vortex

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 22,690 BDT excluding VAT & TAX
 Site Area: 80 Decimal
 Fiscal Year: 2022-23
 Timeline: 10 July 2024 to 12 July 2024
 Crops: Dragon fruit
 Challenges: Labour
 Achievement: Drip Irrigation with jet pump
 Major Equipment: Water pump, 45 feet sprinkler,
 Site Managr: **Field officer: Md. Masum Billah**

SPRINKLER IRRIGATION FRUIT ORCHARD PROJECT

Project Title: **Mini Sprinkler Irrigation system.**
 Funded by: Md. Noor Hassan
 Implemented by: Md. Noor Hassan
 Installed by: **Drip Irrigation BD Ltd.**
 Site Location: Bagachara, Jeshore.



Field inspection by farmer



Mainline Irrigation setup from water pump



Overall scenario of the project



Water discharge by mini sprinkler

Fig: Some representative scenarios of the project.

Project Details:

Revenue:	52,728 BDT excluding VAT & TAX
Site Area:	90 Decimal
Fiscal Year:	2022-23
Timeline:	06 May 2024 to 06 May 2024
Crops:	Dragon garden
Challenges:	Labour
Achievement:	Drip Irrigation with jet pump
Major Equipment	Water pump, Mini sprinkler, Support stand, 4mm drip tube, 16mm drip tube irrigation system
Site Managr:	Field officer: Md. Masum Billah

SPRINKLER IRRIGATION VEGETABLES ORCHARD PROJECT

Project Title: Sprinkler Irrigation System in Vegetable Garden
Funded by: Nilphamari gov collage
Implemented by: Mahbub Rahman
Installed by: Drip Irrigation BD Ltd.
Site Location: Nilphamari govt collage



Overall scenario of the project



Project setup by DIBL Team members



Overall scenario of the project



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details

Revenue: 30457
Site Area: 20 decimals
Fiscal Year: 2023-24
Timeline: 23/06/2024 to 24/06/2024
Crops: Lawn With Mixed Vegetable
Challenges: Road, Long Distance water Source
Achievement: Sprinkler Irrigation with Pump & Header Tank
Major Jet Pump, Sprinkler
Equipment: LDPE TUBE, Supported Stand
Site Manager: Moffazal Hossin, Sub Assistant Engineer, Bogura Branch

SPRINKLER IRRIGATION LIVESTOCK GRASS FIELD PROJECT

Project Title: **Sprinkler Irrigation System.**
 Funded by: Kiron Sir
 Implemented by: Kiron Sir
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Pubail, Gazipur.



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle



Water discharge by dripper nozzle

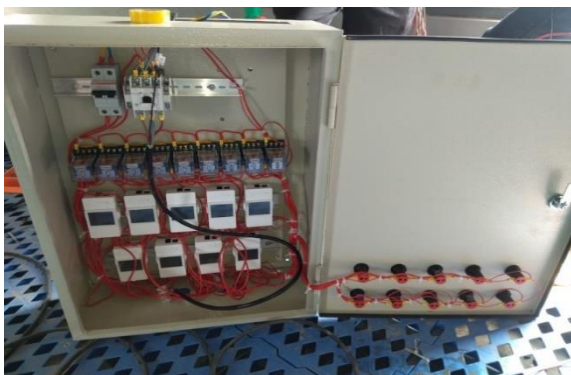
Fig: Some Picture of the project.

Project Details:

Revenue: 236,000 BDT.
 Site Area: 5,000 Squ.
 Fiscal Year: 2023-24
 Timeline: 08 Aug 2023 to 20 Aug 2023.
 Orchard: Grass, Mango Garden.
 Challenges: Source of water, Main water line, Automation Box Setup, Electric Valve Setup.
 Achievement: Installation Pipe line, Automation Box Setup, Electric Valve Setup.
 Major: Pop up Sprinkler, Adj Dripper.
 Equipment:
 Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

SPRINKLER IRRIGATION LIVESTOCK GRASS FIELD PROJECT

Project Title: **Automatic Sprinkler Irrigation System for Livestock Grass**
 Funded by: S Alam Group
 Implemented by: Barakah Farm House, Anwara
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Anwara, Chattogram



Project automation setup



Pump setup



Sprinkler setup



Water discharge by sprinkler nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 350,000 BDT
 Site Area: 05 acres
 Fiscal Year: 2023-24
 Timeline: 12 October to 04 December 2023
 Crops: Napier Grass, Grazing land, Fruits & Vegetables
 Challenges: Large area, Irrigation scheduling & maintenance, Labour charge
 Achievement: Sprinkler Irrigation for whole areas with automation were solved the problem
 Equipment: Water pump, Wifi Timer, Solenoid valve, HDPE coil pipe, thread pipe, pvc fittings, big/mini/popup sprinkler
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

SPRINKLER IRRIGATION NURSERY GARDEN PROJECT

Project Title: **Sprinkler Irrigation System in Nursery Shed**
 Funded by: IDF
 Implemented by: IDF Matiranga Region
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Matiranga, Khagrachari



Project setup by DIBL Team members



Overall scenario of the project



sprinkler nozzle



Water discharge by sprinkler nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 15,000 BDT
 Site Area: 15 decimals
 Fiscal Year: 2023-24
 Timeline: 07 August 2023
 Crops: Fruit orchard in Nursery
 Challenges: Irrigation maintenance, Labour charge
 Achievement: Sprinkler Irrigation for whole nursery areas were solved the problem
 Equipment: Water pump, HDPE coil pipe, thread pipe, big sprinkler
 Site Manager: **Md. Rasel Molla, Technical Officer, Chattogram Branch**

SPRINKLER IRRIGATION ABOVE SHED/RESIDENCE PROJECT

Project Title: **Sprinkler Irrigation system.**
 Funded by: Dahmashi Jute Industries Ltd.
 Implemented by: Eng. Robiul Islam
 Installed by: **Drip Irrigation BD Ltd.**
 Site Location: Komarpur, Faridpur.



Dahmashi Jute Industries Ltd.



Mainline Irrigation setup from DIBL Team member



Overall scenario of the project



Water discharge by 45feet sprinkler

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 30000 BDT excluding VAT & TAX
 Site Area: 12 Decimal
 Fiscal Year: 2022-23
 Timeline: 25 May 2024 to 14 May 2024
 Crops: Dahmashi Jute Industries Ltd.
 Challenges: Labour
 Achievement: Drip Irrigation with jet pump
 Major Equipment: Water pump, Sprinkler irrigation system
 Site Managr: **Field officer: Md. Masum Billah**

FOGGING SYSTEM
NGO FUNDED PROJECT

Project Title: Automation colling System
Funded by: BRAC
Implemented by: BRAC BULL & BREEDING STATION.
Installed by: Drip Irrigation BD Ltd.
Site Location: Mirzapur, Bogura



Project setup by DIBL Team members



Overall scenario of the project



Overall scenario of the project



Automation Setup

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 269865
Site Area: 41 decimals
Fiscal Year: 2022-23
Timeline: 4/10/2023 to 27/10/2023
Shade: Bull Shade
Challenges: First Automation colling Setup in DIBL. Large area,
Achievement: Installation of Automation Colling System by gravity Force With existing power source of water uptake.
Major Water Pump, Fogging Seat, Automation DB box.
Equipment LDPE PIPE,
Site Manager: Agriculturist Md. Shamsuzzaman sumon, Assistant Director, Bogura Branch.

FOGGING SYSTEM NGO FUNDED PROJECT

- **Project Title:** Automation colling System
- **Funded by:** BRAC
- **Implemented by:** BRAC BULL & BREEDING STATION.
- **Installed by:** Drip Irrigation BD Ltd.
- **Site Location:** Mirzapur, Bogura



Automation Setup



Overall scenario of the project



Project setup by DIBL Team members



Irrigation Pump Setup

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 82640

Site Area: 22 decimals

Fiscal Year: 2022-23

Timeline: 26/10/2023 to 27/10/2023

Shade: Bull Shade

Challenges: First Automation colling Setup in DIBL. Large area,

Achievement: Installation of Automation Colling System by gravity Force With existing power source of water uptake.

Major Water Pump, Fogging Seat, Automation DB box.

Equipment

Site Manager: Agriculturist Md. Shamsuzzaman sumon, Assistant Director, Bogura Branch.

FOGGING SYSTEM
NGO FUNDED PROJECT

Project Title: Automation colling System
Funded by: BRAC
Implemented by: BRAC BULL & BREEDING STATION.
Installed by: Drip Irrigation BD Ltd.
Site Location: Mirzapur, Bogura



Automation Setup



Overall scenario of the project



Fogging Installation



Automation Controller

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 316215

Site Area: 41 decimals

Fiscal Year: 2023-24

Timeline: 27/04/2024 to 31/05/2024

Shade: Bull Shade

Challenges: First Automation Colling Setup in DIBL. Large area,

Achievement: Installation of Automation Colling System by gravity Force with existing power source of water uptake.

Major Water Pump, Fogging Seat, Automation DB box.

Equipment LDPE Tube, 4mm Valve

Site Manager: Agriculturist Md. Shamsuzzaman sumon, Assistant Director, Bogura Branch.

FOGGING SYSTEM NGO FUNDED PROJECT

Project Title: Automation Cooling System in Bull Shed
Funded by: BRAC
Implemented by: Kamrul
Installed by: Drip Irrigation BD Ltd.
Site Location: Mirzapur, Bogura



Project setup by DIBL Team members



Automation Setup



Overall scenario of the project



Project setup by DIBL Team members

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 355185
Site Area: Mirzapur, Sherpur, Bogura
Fiscal Year: 2023-24
Timeline: 8.06.2024 to 15/06/2024
Crops/Shed: Bull Shed
Challenges: Automation Setup, Long Distance, Labor, Plumber.
Achievement: Automatic Timer based Drip Irrigation with Jet pump & Header Tank
Major DB Box, Sensor, Magnetic Connector, Digital Indicator
Equipment Fogger with feeder line & online drip tube
Site Manager: Agriculturist Md Shamsuzzaman sumon, Assistant Director, Bogura Branch

FOGGING SYSTEM NGO FUNDED PROJECT

Project Title: Automation Cooling System
Funded by: BRAC BULL & BUCK STATION
Implemented by: Mr. Shohag
Installed by: Drip Irrigation BD Ltd.
Site Location: Shombhugonj, Mymensingh



Shed Visting of Branch Manager Mymensingh



BRAC Mymensingh



Automation DB BOX Setup



Water discharge by Fogger nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 170300
Site Area: 5 decimals
Fiscal Year: 2023-24
Timeline: 11/07/2024 to 25/7/2024
Crops/Sheed: BULL Sheed
Challenges: Automation Setup, Long Distance, Labor, Plumber.
Achievement: Automatic Timer based Drip Irrigation with Diesel Pump & Header Tank
 Major DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve,
 Equipment Flash valve, Adjustable dripper with feeder line & online drip tube
Site Manager: Agriculturist Md.Shamsuzzaman sumon, Assistant Director, Bogura Branch

FOGGING SYSTEM INSIDE DAIRY/BULL/POULTRY SHED

Project Title: **Fogging Cooling in Bull Shed**
 Funded by: Nazrul Islam
 Implemented by: Nazrul Islam
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Uttar Kattoli, Chattogram Sadar



Project setup by DIBL Team members



Overall scenario of the project



Fogging system running



Water discharge by fogger nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 20000 BDT
 Site Area: 10 decimal
 Fiscal Year: 2021-22
 Timeline: 05 March 2022 to 05 March 2022
 Shed: Bull Shed
 Challenges: Temperature control inside the bull shed
 Achievement: Possible to maintain 5 to 7 degree temperature inside the bull shed
 Equipment: Pump, Filter, Programmable Timer, Misting fogger, Fogger tube
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

FOGGING SYSTEM INSIDE DAIRY/BULL/POULTRY SHED

Project Title: **Fogging Cooling inside Bull Shed and Sprinkler Spray above Bull Shed**
 Funded by: JIC Irrigation Technology
 Implemented by: JIC Irrigation Technology
 Installed by: Drip Irrigation BD Ltd
 Site Location: Udalia, Hathazari, Chattogram



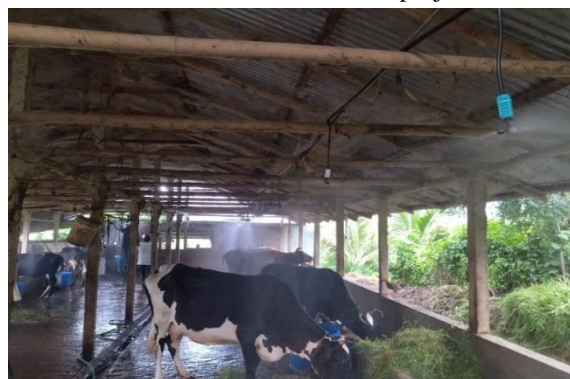
Project setup by DIBL Team members



Overall scenario of the project



Sprinkler setup above shed



Water discharge by fogger nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 20000 BDT
 Site Area: 5 decimal
 Fiscal Year: 2022-23
 Timeline: 24 July 2022
 Shed: Bull Shed
 Challenges: Temperature control inside the bull shed
 Achievement: Possible to maintain 5 to 7 degree temperature inside the bull shed with the combination of both fogging & sprinkler system
 Equipment: Pump, Filter, Programmable Timer, Misting fogger, Fogger tube
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

FOGGING SYSTEM INSIDE DAIRY/BULL/POULTRY SHED

Project Title: **Fogging Cooling inside Bull Shed and Sprinkler Spray above Bull Shed**
 Funded by: JIC Irrigation Technology
 Implemented by: JIC Irrigation Technology
 Installed by: Drip Irrigation BD Ltd
 Site Location: Nanupur, Fatikchati, Chattogram



Pump setup



Overall scenario of the project



Overall scenario of the project



Water discharge by sprinkler nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 40000 BDT
 Site Area: 20 decimal
 Fiscal Year: 2022-23
 Timeline: 25-28 August 2022
 Shed: Bull Shed
 Challenges: Temperature control inside the bull shed
 Achievement: Possible to maintain 5 to 7 degree temperature inside the bull shed with the combination of both fogging & sprinkler system
 Equipment: Pump, Filter, Misting fogger, Fogger tube, fogger weight
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

FOGGING SYSTEM

INSIDE DAIRY/BULL/POULTRY SHED

Project Title: **Fogging Cooling inside Bull Shed and Sprinkler Spray above Bull Shed**
 Funded by: JIC Irrigation Technology
 Implemented by: JIC Irrigation Technology
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Hathazari, Chattogram



Project setup by DIBL Team members



Sprinkler setup above shed



Project setup by DIBL Team members



Water discharge by fogger nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 42000 BDT

Site Area: 20 decimal

Fiscal Year: 2022-23

Timeline: 12-17 November 2022

Shed: Bull Shed

Challenges: Temperature control inside the bull shed

Achievement: Possible to maintain 5 to 7 degree temperature inside the bull shed with the combination of both fogging & sprinkler system

Equipment: Pump, Filter, HDPE Pipe, Thread pipe, Misting fogger, Fogger tube, connector

Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

FOGGING SYSTEM INSIDE DAIRY/BULL/POULTRY SHED

Project Title: **Fogging Cooling System inside Bull Shed**
 Funded by: ANB Agro
 Implemented by: ANB Agro
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Pomra, Rangunia, CTG



Overall scenario of the project



Project setup by DIBL Team members



Overall scenario of the project



Water discharge by fogger nozzle

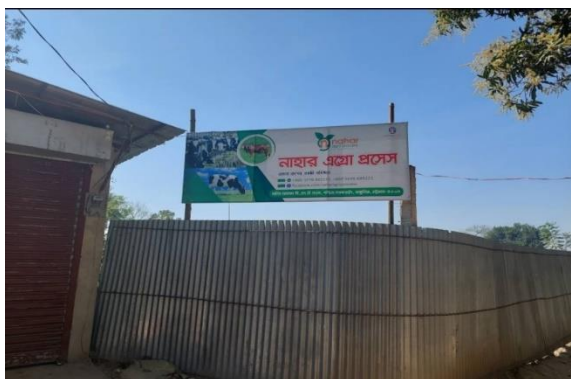
Fig: Some representative scenarios of the project.

Project Details:

Revenue: 32000 BDT
 Site Area: 10 decimal
 Fiscal Year: 2022-23
 Timeline: 09 May 2023
 Shed: Bull Shed
 Challenges: Temperature control inside the bull shed
 Achievement: Possible to maintain 5 degree temperature inside the bull shed with fogging system
 Equipment: Pump, Filter, HDPE Pipe, Thread pipe, Misting fogger, Fogger tube, connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

FOGGING SYSTEM INSIDE DAIRY/BULL/POULTRY SHED

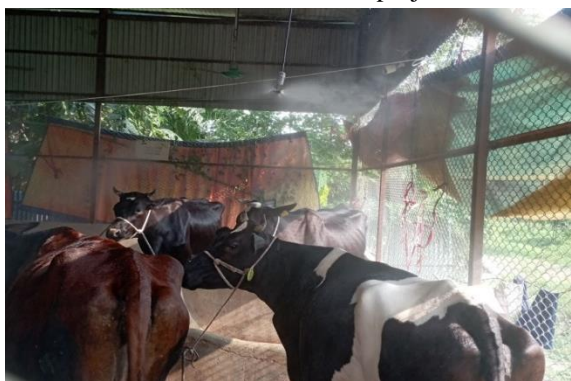
Project Title: **Automatic Fogging Cooling System inside Bull Shed**
 Funded by: Nahar Agro process
 Implemented by: Nahar Agro process
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Rangunia, Chattogram



Overall scenario of the project



Automation setup



Overall scenario of the project



Water discharge by fogger nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 17000 BDT
 Site Area: 05 decimal
 Fiscal Year: 2022-23
 Timeline: 15 May 2023
 Shed: Bull Shed
 Challenges: Temperature control inside the bull shed
 Achievement: Possible to maintain 5 degree temperature inside the bull shed with fogging
 Equipment: Pump, Programmable timer, Filter, HDPE Pipe, Thread pipe, Misting fogger, Fogger tube, connector
 Site Manager: **Md. Rasel Molla, Technical Officer, Chattogram Branch**

FOGGING SYSTEM INSIDE DAIRY/BULL/POULTRY SHED

Project Title: **Fogging Cooling System inside the Bull Shed**
 Funded by: Bellal Hossain
 Implemented by: Bellal Hossain
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Halishahar, Chattogram



Project setup by DIBL Team members



Overall scenario of the project



Field Inspection by Executive Engineer Rangamati



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 14,000 BDT
 Site Area: 05 decimal
 Fiscal Year: 2022-23
 Timeline: 04 June 2023
 Shed: Bull Shed
 Challenges: Temperature control inside the bull shed
 Achievement: Possible to maintain 5 degree temperature inside the bull shed with fogging
 Equipment: Pump, Filter, HDPE Pipe, Thread pipe, Misting fogger, Fogger tube, connector
 Site Manager: **Md. Rasel Molla, Technical Officer, Chattogram Branch**

FOGGING SYSTEM INSIDE DAIRY/BULL/POULTRY SHED

Project Title: **Fogging Colling system on Cow Shed.**
 Funded by: Vartex Group
 Implemented by: Shanto.
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Ford nagar, Manikgong.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 55,594 BDT.
 Site Area: 2,000 squ
 Fiscal Year: 2023-24
 Timeline: 21 Apr 2024 to 22 Apr 2024.
 Shed: Cow Shed.
 Challenges: Source of water. Installation Pipe line, Water Filter Setup.
 Achievement: Installation Pipe line, Water Filter Setup.
 Major: Fogger.
 Equipment:
 Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

FOGGING SYSTEM INSIDE DAIRY/BULL/POULTRY SHED

Project Title: **Fogging Colling system on Cow Shed.**
 Funded by: Yasin Arafat.
 Implemented by: Yasin Arafat.
 Installed by: Drip Irrigation BD Ltd.
 Site Location: BossBari, balabo, Voirib.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 45,944 BDT.
 Site Area: 2,000 squ
 Fiscal Year: 2023-24
 Timeline: 04 May 2024 to 05 May 2024.
 Shed: Cow Shed.
 Challenges: Source of water. Installation Pipe line.
 Achievement: Installation Pipe line.
 Major: Fogger.
 Equipment:
 Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

FOGGING SYSTEM INSIDE DAIRY/BULL/POULTRY SHED

Project Title: **Fogging Irrigation system.**
 Funded by: Sonaikhali Cow Shed
 Implemented by: Md. Polok
 Installed by: **Drip Irrigation BD Ltd.**
 Site Location: Sonaikhali, Jhenaidah



Mainline Irrigation setup from water pump



Fogging Irrigation system visit with authority



Fogger setup DIBL Team member



Overall scenario of the project

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 36605 BDT excluding VAT & TAX
 Site Area: 30 Decimal
 Fiscal Year: 2022-23
 Timeline: 06 April 2024 to 06 April 2024
 Crops: Sonaikhali Cow Shed
 Challenges: Labour
 Achievement: Drip Irrigation with jet pump
 Major Equipment: Water pump, Mistng Fogger, End lock, Screen filter, LDPE drip tube irrigation system
 Site Managr: **Field officer: Md. Masum Billah**

FOGGING SYSTEM INSIDE DAIRY/BULL/POULTRY SHED

Project Title: Fogging Spray in Dairy Shed
Funded by: Naba Dairy Farm
Implemented by: Zobaer Rahman
Installed by: Drip Irrigation BD Ltd.
Site Location: Rajshahi



Project setup by DIBL Team members



Main Line setup



Overall scenario of the project



Overall scenario of the project

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 30140
Site Area: 15 Decimal
Fiscal Year: 2023-24
Timeline: 21.05.24 to 21.05.24
Crops: Dairy Sheed
Challenges:

Achievement: Automatic Timer based Drip Irrigation with Diesel Pump & Header Tank
 Major DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve,
 Equipment Flash valve, Adjustable dripper with feeder line & online drip tube

Site Manager: Agriculturist Md Shamsuzzaman sumon, Assistant Director, Bogura Branch

FOGGING SYSTEM INSIDE DAIRY/BULL/POULTRY SHED

Project Title: Sprinkler & Fogging Irrigation System in Poultry Shed
Funded by: Suveccha poultry Farm
Implemented by: Mr. Sadman
Installed by: Drip Irrigation BD Ltd.
Site Location: Gabtali, Bogura.



Installation Building



Fogger Setup By Poultry Farm



Water discharge by Sprinkler



Project setup by DIBL Team members

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 14728
Site Area: 2.5 Decimal
Fiscal Year: 2023-24
Timeline: 9/4/2024 to Crops: 18/4/2024
Challenges: High Pressure pump
Achievement: Sprinkler & Fogging Irrigation with Sub Pump.
Major Sprinkler, Fogger
Equipment LDPE Tube Threat tube
Site Manager: Moffazzal Hossain, Sub Assistant Engineer, Bogura Branch.

FOGGING SYSTEM INSIDE MUSHROOM SHED

Project Title: **Fogging Spray System inside Mushroom Shed**
 Funded by: Md. Jahedul Islam
 Implemented by: Md. Jahedul Islam
 Installed by: Drip Irrigation BD Ltd
 Site Location: Savar, Dhaka



Overall scenario of the project



Overall scenario of the project



Overall scenario of the project



Water discharge by fogger nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 35,000 BDT
 Site Area: 10 decimal
 Fiscal Year: 2022-23
 Timeline: 01 March 2023
 Shed: Mushroom Shed
 Challenges: Labour, Irrigation Spray Scheduling
 Achievement: Installation of Fogging spry system by pump were solved the problem
 Equipment: Centrifugal Pump, Reserve Tank, Filter, Fogger, fogger tube and connector
 Site Manager: **Engineer Rokonuzzaman, Assistant Engineer, Dhaka Branch**

FOGGING SYSTEM INSIDE MUSHROOM SHED

Project Title: **Fogging Spray System inside Mushroom Shed**
 Funded by: Ak Khan & Co. Ltd
 Implemented by: Ak Khan & Co. Ltd
 Installed by: Drip Irrigation BD Ltd
 Site Location: Aambagan, Chattogram



Pump setup



Project setup by DIBL Team members



Overall scenario of the project



Water discharge by fogger nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 27,000 BDT
 Site Area: 2 decimal
 Fiscal Year: 2022-23
 Timeline: 20 March 2023
 Shed: Mushroom Shed
 Challenges: Labour, Irrigation Spray Scheduling
 Achievement: Installation of Fogging spray system by pump were solved the problem
 Equipment: Centrifugal Pump, Reserve Tank, Filter, Fogger, fogger tube and connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

FOGGING SYSTEM

INSIDE NURSERY/ORCHID/CACTUS SHED

Project Title: **Automatic Fogging Irrigation System inside Nursery Poly Shed**
 Funded by: Department of Agricultural Extension
 Implemented by: Agriculture Office Sitakunda
 Installed by: Drip Irrigation BD Ltd
 Site Location: Sitakunda, Chattogram



Overall scenario of the project



Overall scenario of the project



Project setup by DIBL Team members



Water discharge by fogger nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 75,000 BDT
 Site Area: 10 decimal
 Fiscal Year: 2023-24
 Timeline: 30-31 December 2023
 Shed: Nursery Poly Shed
 Challenges: Temperature, Humidity & Moisture control inside the Nursery Poly Shed
 Achievement: Possible to minimize 5 degree temperature inside the nursery poly shed with proper irrigation for plant
 Equipment: Pump, Wifi Timer, Soil moisture sensor, Filter, HDPE Pipe, Thread pipe, Misting fogger, Fogger tube, connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

FOGGING SYSTEM INSIDE NURSERY/ORCHID/CACTUS SHED

Project Title: **Fogging Irrigation system in Orchid Shed.**
 Funded by: Jushim Uddin
 Implemented by: Jushim Uddin
 Installed by: Drip Irrigation BD Ltd.
 Site Location: potengar mor, masdair, chashara, Narayanganj.



Project setup by DIBL Team members



Project setup by DIBL Team members



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some Picture of the project.

Project Details:

Revenue: 15,500 BDT.
 Site Area: 1,200 Squ.
 Fiscal Year: 2023-24
 Timeline: 07 Mar 2024.
 Orchard: Flower.
 Challenges: Source of water. Labour, Installation Pipe line.
 Achievement: Fogger Setup, Installation Pipe line & Water Filter.
 Major: Fogger, Water Filter.
 Equipment:
 Site Manager: **Asst Engineer Md. Masud Rana, Dhaka Branch.**

FOGGING SYSTEM INSIDE FACTORY/WORKSHOP

Project Title: **Automatic Fogging Cooling system inside Tea Factory**
 Funded by: City Group
 Implemented by: Kodala Tea Estate
 Installed by: Drip Irrigation BD Ltd
 Site Location: Kodala, Rangunia, Chattogram



Overall scenario of the project



Pump setup



Project setup by DIBL Team members



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 43,000 BDT
 Site Area: 20 decimal
 Fiscal Year: 2023-24
 Timeline: 09-11 July 2023
 Shed: Tea Factory
 Challenges: Temperature & Humidity control inside the Tea Factory
 Achievement: Possible to maintain 5 degree temperature inside the Tea Factory with fogging system
 Equipment: Pump, Timer Filter, HDPE Pipe, Thread pipe, Misting fogger, Fogger tube, connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

FOGGING SYSTEM INSIDE FACTORY/WORKSHOP

Project Title: **Fogging Cooling System in Workshop**
 Funded by: SDL Engineering Ltd.
 Implemented by: SDL Engineering Ltd.
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Matarbari, Moheshkhali, Cox's Bazar



Pump setup



Project setup by DIBL Team members



Overall scenario of the project



Water discharge by fogger nozzle

Fig: Some representative scenarios of the project.

Project Details:

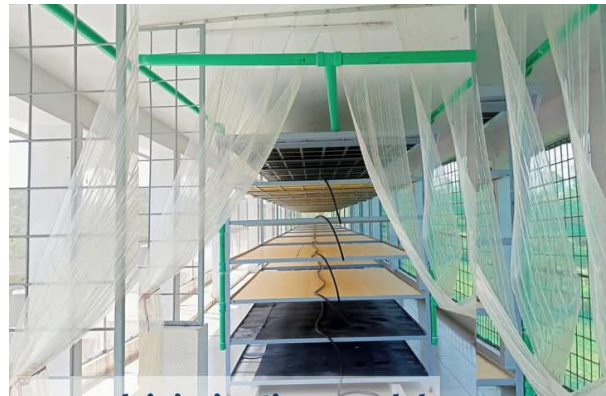
Revenue: 65000 BDT
 Site Area: 10 decimal
 Fiscal Year: 2021-22
 Timeline: 14 April 2022 to 18 April 2022
 Shed: Workshop in Powerplant
 Challenges: Temperature & Dust
 Achievement: Automatic Fogging spray control both of temperature & dust simultaneously
 Equipment: Centrifugal pump, Filter, Misting fogger, Fogging tube and connector
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

FOGGING SYSTEM HYDROPONIC GRASS PROJECT

Project Title: **Fogging Irrigation System in Hydroponic Grass**
 Funded by: Ahmed Kamal
 Implemented by: Ahmed Kamal
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Munshiganj



Water discharge by fogger nozzle



Overall scenario of the project



Overall scenario of the project



Water discharge by fogger nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 65000 BDT
 Site Area: 10 decimal
 Fiscal Year: 2022-23
 Timeline: 14 April 2022 to 18 April 2022
 Shed: Hydroponic Grass shed for bull
 Challenges: Timely water spray for grass
 Achievement: Automatic Fogging spray solve the problem
 Equipment: Centrifugal pump, Filter, Misting fogger, Fogging tube and connector
 Site Manager: **Engineer Imtiaj Raihan, Sub Assistant Engineer, Dhaka Branch**

FOGGING SYSTEM FRUIT ORCHARD PROJECT

Project Title: **Fogging Irrigation system.**
 Funded by: KBD, Mamunur Rahman
 Implemented by: KBD, Mamunur Rahman
 Installed by: **Drip Irrigation BD Ltd.**
 Site Location: Jhenaidah, Amtala.



Field inspection by farmer



Mainline Irrigation setup from water pump



Overall scenario of the project



Water discharge by Cross Fogger

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 97,000 BDT excluding VAT & TAX
 Site Area: 60 Decimal
 Fiscal Year: 2022-23
 Timeline: 23 March 2024 to 25 March 2024
 Crops: Dragon garden
 Challenges: Labour
 Achievement: Drip Irrigation with jet pump
 Major Equipment: Water pump, cross fogger, drip tube, LDPE drip tube irrigation system
 Site Manager: **Field officer: Md. Masum Billah**

HYDROPONICS SYSTEM

NFT VERTICAL HYDROPONICS

Project Title: Vertical NFT Hydroponic System
Funded by: Dhaka University
Implemented by: Tanvir Hussain
Installed by: Drip Irrigation BD Ltd.
Site Location: Dhaka University



Project setup by DIBL Team members



Project setup by DIBL Team members



Overall scenario of the project



Project setup by DIBL Team members

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 40340
Site Area: 0.05 Decimal
Fiscal Year: 2022-23
Timeline: 15/11/2023 to 15/11/2023
Crops: Lettuce
Challenges: Smal Area, Open Area, Movement Frame
Achievement:
Major DIBL Stil Frame, PVC pipe,
Equipment Flash valve, Adjustable dripper with feeder line & online drip tube
Site Manager: Agriculturist Md. Shamsuzzaman sumon, Assistant Director, Bogura Branch.

HYDROPONICS SYSTEM **NFT VERTICAL HYDROPONICS**

Project Title: Vertical NFT Hydroponic System
Funded by: DAE Sitakundu
Implemented by: DAE Sitakundu
Installed by: Drip Irrigation BD Ltd.
Site Location: Sitakundu, Chattogram



Vertical NFT Hydroponic System



Vertical NFT Hydroponic System



Vertical NFT Hydroponic System



ABC Hydroponic Solution

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 27000
Site Area: 0.05 Decimal
Fiscal Year: 2022-23
Timeline: 15/11/2023 to 15/11/2023
Crops: Lettuce, Tomato
Challenges: Smal Area, Open Area, Movement Frame
Major Achievement:
DIBL Equipment: Stil Frame, PVC pipe, Cup, Solution
Site Manager: Agriculturist Md. Riaj Uddin, Regional manager, Chattogram Branch

FILTRATION

IRRIGATION FILTRATION PROJECT

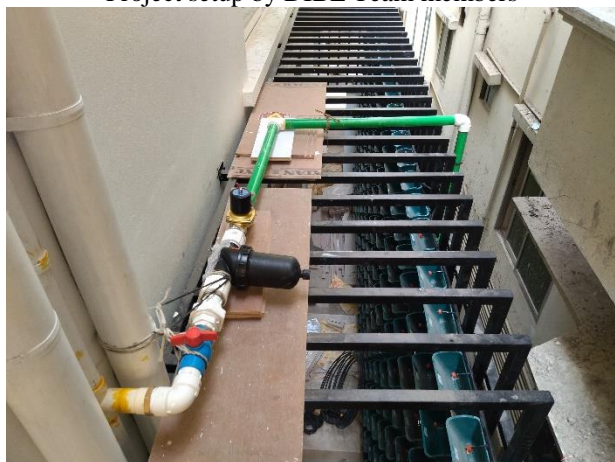
Project Title: **Installation of Irrigation Filtration in Chattogram Region**
Funded by: Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience (**PARTNER**)
Implemented by: **BADC, Rangamati Region**
Installed by: **Drip Irrigation BD Ltd.**
Site Location: Kakrachari, Bangalhalia, Rajsthali, Rangamati



Project setup by DIBL Team members



Overall scenario of the filtration project



Project setup by DIBL Team members



Filtration from reserve tank

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **7,20,000 BDT**
Site Area: 1 Acre
Fiscal Year: 2023-24
Timeline: 11 Feb 2024 to 28 March 2024
Crops: Guava, Coffee, Cashew nut, Dragon Fruit, Mango, Malta.
Challenges: Source of water, Cleanliness of water supply system
Achievement: Screen and Disc filter solve the challenges
Equipment: DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube
Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

FILTRATION

IRON FILTRATION PROJECT

Project Title: **Installation of Iron Filtration in Chattogram**
 Funded by: **Madrasha authority in Fatikchari**
 Implemented by: **Madrasha authority in Fatikchari**
 Installed by: **Drip Irrigation BD Ltd.**
 Site Location: **Fatikchari, Chattogram**



Overall scenario of the project



Overall scenario of the project



Project setup by DIBL Team members



Project setup by DIBL Team members

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **60,000 BDT**
 Site Area: **1 decimal**
 Fiscal Year: **2023-24**
 Timeline: **05 January 2024 to 06 January 2024**
 Purpose: **Drinking water**
 Challenges: **Source of water, Cleanliness of water supply system**
 Achievement: **Iron filter solve the challenges**
 Equipment: **Vessel, pipe, backwash valve, pump, reserver etc**
 Site Manager: **Chowdhury Hasan bin Mizan, Assistant Engineer, Dhaka Branch**

FILTRATION

IRON FILTRATION PROJECT

Project Title: **Installation of Iron Filtration in Bhola**
 Funded by: Agro Entrepreneur in Charfashion
 Implemented by: Agro Entrepreneur in Charfashion
 Installed by: **Drip Irrigation BD Ltd.**
 Site Location: Chairfashion, Bhola



Project setup by DIBL Team members



Project setup by DIBL Team members



Overall scenario of the project



Overall scenario of the project

Fig: Some representative scenarios of the project.

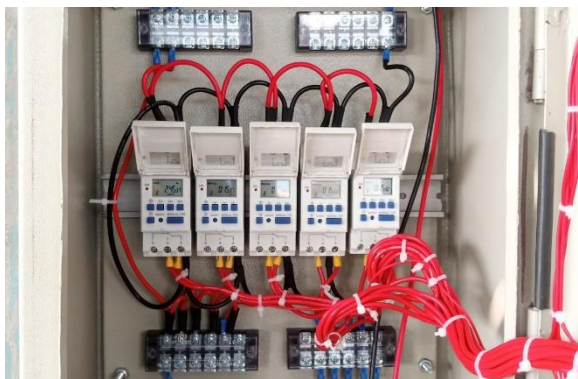
Project Details:

Revenue: **80,000 BDT**
 Site Area: 1 decimal
 Fiscal Year: 2023-24
 Timeline: 05 April 2024 to 07 April 2024
 Purpose: Irrigation water
 Challenges: Source of water, Cleanliness of water supply system
 Achievement: Iron filter solve the challenges
 Equipment: Vessel, pipe, backwash valve, pump, reserver etc
 Site Manager: **Chowdhury Hasan bin Mizan, Assistant Engineer, Dhaka Branch**

IoT AUTOMATION

IOT PROGRAMMABLE AUTOMATION PROJECT

Project Title: **Automatic Irrigation Control System**
Funded by: Heart Group
Implemented by: Mimi Hospital
Installed by: Drip Irrigation BD Ltd.
Site Location: Uttara, Dhaka



Overall scenario of the project



Project setup by DIBL Team



Field Inspection by Executive Engineer Rangamati



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 12,000 BDT
Site Area: 2.29 decimal
Fiscal Year: 2023-24
Timeline: 17 February, 2024
Project: Rooftop Vertical Garden
Challenges: Source of water, Labor cost, Plumbing
Achievement: Installation of Fogging Cooling system by pump pressure with were solved the problem
Equipment: Pump, Filter, DB Box, PC Dripper, Timer, Solenoid Valve
Site Manager: **Agriculturist Md Shamsuzzaman sumon, Assistant Director, Bogura Branch**

IoT AUTOMATION

IOT PROGRAMMABLE AUTOMATION PROJECT

Project Title: **Automatic Green House Weather Controlling System and Rooftop Garden Irrigation system**
Funded by: BADC
Implemented by: BADC
Installed by: Drip Irrigation BD Ltd.
Site Location: Dilkusha, Motijhil, Dhaka

Fig: Some representative scenarios of the project.



Overall scenario of the project



Project setup by DIBL Team



Field Inspection by Executive Engineer Rangamati



Water discharge by dripper nozzle

Project Details:

Revenue: 3,00,000 BDT
Site Area: 20 decimals
Fiscal Year: 2023-24
Timeline: Running
Crops: Mango, Guava, Flower, Fig, Hydroponics on Green House
Challenges: Source of water, Labor cost, Plumbing
Achievement: Installation of Fogging Cooling system by pump pressure with were solved the problem
Equipment: Pump, Filter, DB Box, Adjustable Dripper, Wifi Timer, Solenoid Valve, Hydroponic Full Setup, Temp/ Hum/ pH/ TDS/ EC Sensor, Dehumidifier
Site Manager: **Agriculturist Md Shamsuzzaman sumon, Assistant Director, Bogura Branch**

IoT AUTOMATION

IOT SENSOR BASED AUTOMTATION PROJECT

Project Title: **Automatic Fogging Cooling System on Cowshed**
Funded by: BRAC
Implemented by: BRAC Bogura
Installed by: Drip Irrigation BD Ltd.
Site Location: BRAC Bottola, Mirzapur, Bogura



Overall scenario of the project



Project setup by DIBL Team



Field Inspection by Executive Engineer Rangamati



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 355185 BDT
Site Area: 4.8 decimal
Fiscal Year: 2023-24
Timeline: 08 to 15 June, 2024
Farm: Cow
Challenges: Source of water, Labor cost, Plumbing
Achievement: Installation of Fogging Cooling system by pump pressure with were solved the problem
Equipment: Pump, Filter, Sensor, DB Box, Misting Fogger, Timer, Solenoid Valve
Site Manager: **Agriculturist Md Shamsuzzaman sumon, Assistant Director, Bogura Branch**

IoT AUTOMATION

IOT SENSOR BASED AUTOMTATION PROJECT

Project Title: **Automatic Fogging Cooling System on Cowshed**
Funded by: BRAC
Implemented by: BRAC Mymensingh
Installed by: Drip Irrigation BD Ltd.
Site Location: Shombhuganj, Mymensingh



Overall scenario of the project



Project setup by DIBL Team



Field Inspection by Executive Engineer Rangamati



Water discharge by dripper nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 170300BDT
Site Area: 3 decimal
Fiscal Year: 2024-25
Timeline: 11 to 25 July, 2024
Farm: Cow
Challenges: Source of water, Labor cost, Plumbing
Achievement: Installation of Fogging Cooling system by pump pressure with were solved the problem
Equipment: Pump, Filter, Sensor, DB Box, Misting Fogger, Timer, Solenoid Valve
Site Manager: **Agriculturist Md Shamsuzzaman sumon, Assistant Director, Bogura Branch**

SOLAR SYSTEM
EGP TENDER PROJECT

Project Title: **Installation of 06 Nos. Drip Irrigation System by Solar power at any upazila under Rangamati Region.**
Funded by: **BADC**
Implemented by: **Executive Engineer (MI), BADC, Rangamati Region**
Installed by: **Contractor: Sherpa Power Engineering Ltd.**
Implementing Partner: Drip Irrigation BD Ltd.
Site Location: **Rajnogor, Rupnagar, Gulshakhali, Longodu, Rangamati**



Mainline Irrigation Setup from Tank



Overall Scenario of Project Area



Water Discharge from the Adjustable Drinker



Scenario of the main line position

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **45,00,000 BDT (3%)**
Site Area: **1 Acre**
Fiscal Year: **2023-24**
Timeline: **05-08 June 2024**
Crops: **Mango**
Challenges: **Source of water, Labour, Large area, Hill Slope**
Achievement: **Automatic Timer based Drip Irrigation with Solar Pump & Header Tank**
Equipment: **DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube**
Site Manager: **Mobinul Islam, Assistant Engineer, Chattogram Branch**

SOLAR SYSTEM FRUIT ORCHARD PROJECT

Project Title: **Solar Powered Drip & Sprinkler Irrigation in Hilly Fruit Orchard**
 Funded by: Nasir Agro Zone
 Implemented by: Nasir Agro Zone
 Installed by: Drip Irrigation BD Ltd.
 Site Location: Manikchari, Khagrachari



Overall scenario of the project



Overall scenario of the project



Water discharge by sprinkler nozzle



Water discharge by sprinkler nozzle

Fig: Some representative scenarios of the project.

Project Details:

Revenue: 850000 BDT
 Site Area: 25 acres
 Fiscal Year: 2022-23
 Timeline: 31 October 2022 to 27 December 2022
 Crops: Mango, Litchi, Guava, Dragon fruit and Rambutan Fruit Orchard in Hill
 Challenges: Irrigation maintenance, Labour, Large area, Schedule maintenance
 Achievement: Drip and Sprinkler Irrigation for 25 acres areas were solved the problem
 Equipment: Water pump, filter, uPVC pipe, HDPE coil pipe, thread pipe, adjustable dripper, drip tube, connector, big sprinkler
 Site Manager: **Agriculturist Md. Riaj Uddin, Regional Manager, Chattogram Branch**

ENVIRONMENT CONTROL RESEARCH DEMO PROJECT

Project Title: **Installation of Poly shed with Shade net**
Funded by: **BADC**
Implemented by: **BADC**
Installed by: **Drip Irrigation BD Ltd.**
Site Location: **BADC, Gabtoli, Dhaka**



Outside Overall scenario of the project



Outside Overall scenario of the project



Inside Overall scenario of the project



Project setup by DIBL Team members

Fig: Some representative scenarios of the project.

Project Details:

Revenue: **5,00,000 BDT**
Site Area: 20 decimal
Fiscal Year: 2023-24
Timeline: 11 Feb 2024 to 28 March 2024
Crops: Fruits, vegetables and seedlings
Challenges: Insect, Sunlight, Wind etc
Achievement: Environment control system help to mitigate the challenges
Equipment: DIBL Programmable timer, Filter, Venturi, Pressure gauge, Air release valve, Flash valve, Adjustable dripper with feeder line & online drip tube
Site Manager: **Engineer Rokon uz Zaman, Dhaka Branch**