

USER MANUAL DOCUMENT

One City One Operator

v2.0 Admin panel

27th January, 2024

Intense Technologies Limited

A-1, Surabhi Plaza, Vikram Puri

SECUNDERABAD – 500 009

Telangana, INDIA

Tel.: 040-44558585, 27844551

Fax: 040-27819040

www.in10stech.com

E-Mail: info@intense.in

Table of Contents

1. INTRODUCTION
 - 1.1 BREIF OVERVIEW
 - 1.2 PURPOSE OF THE MANUAL
2. TECHNICAL SPECIFICATION
3. GETTING STARTED
 - 3.1 ADMIN ACCOUNT
 - 3.2 ADMIN's DASHBOARD OVERVIEW
4. OVERVIEW
5. CONCLUSION

1. INTRODUCTION

The OCOP project addresses the challenges faced by growing cities and towns in maintaining sewage infrastructure. Municipal bodies struggle with aging assets and poor maintenance, prompting the need for a One City One Operator model. This model introduces long-term O&M contracts to set new benchmarks in system maintenance and effluent treatment. Professional companies are invited to manage both the collection system and sewage treatment plants, ensuring single-point accountability and overall reliability.

Recognizing water's significance for agriculture and industrial growth, the project promotes wastewater recycling and reuse at a low cost, catering to local industry and irrigation needs. In summary, OCOP aims to revolutionize sewage infrastructure management through innovation, accountability, and sustainable practices.

1.1 Brief Overview

The One City One Operator (OCOP) model aims to revolutionize sewage infrastructure management in growing cities. Facing challenges of aging assets and poor maintenance, OCOP introduces long-term contracts, inviting professional companies to manage both collection systems and sewage treatment plants. The model emphasizes accountability, incorporating a Major Replacement Fund for prompt equipment replacement. OCOP embraces technology, encourages profit-sharing, and explores power generation, offering innovative and sustainable solutions for wastewater recycling and reuse in agriculture and industry.

1.2 Purpose of the Manual

The purpose of the manual would be to provide comprehensive guidance and information to organization involved in the implementation, management, and operation of the One City One Operator (OCOP) model for sewage infrastructure. The manual aims to:

- ❖ Educate members
- ❖ Guide Implementation
- ❖ Clarify Responsibilities
- ❖ Facilitate Maintenance
- ❖ Provide Reference Material

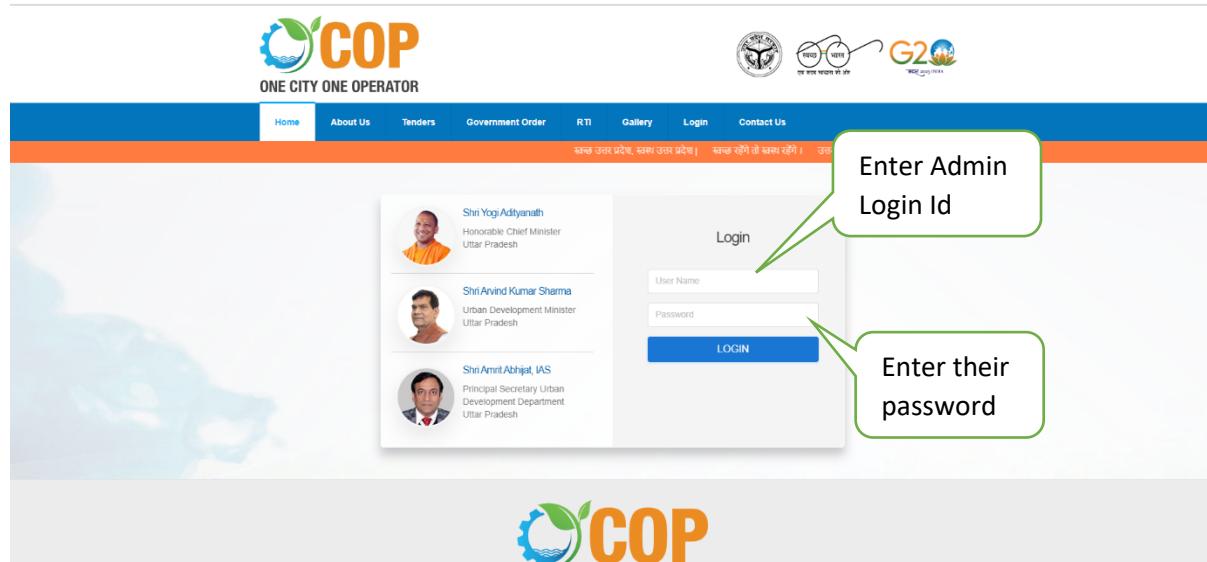
2. TECHNICAL SPECIFICATION

- Operating system: Windows, macOS, Linux.
- Web browsers: A modern web browsers Google chrome, Mozilla Firefox, Microsoft Edge.
- Internet connection should be there.

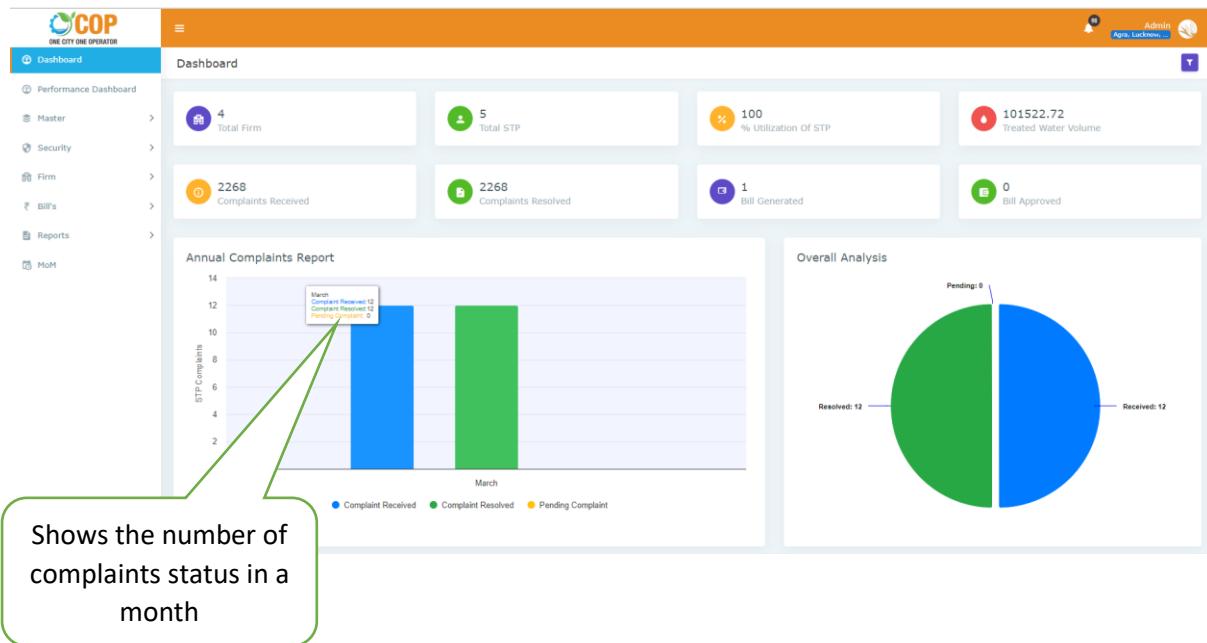
3. GETTING STARTED

3.1 Admin Account

- ❖ Go to <http://occo.intense.in/>



- ❖ Enter Admin Id and Password then click on Login button.



- Admin entered into their authorized account.
- In bar graph, it shows number of complaints received, resolved and still pending in a month.

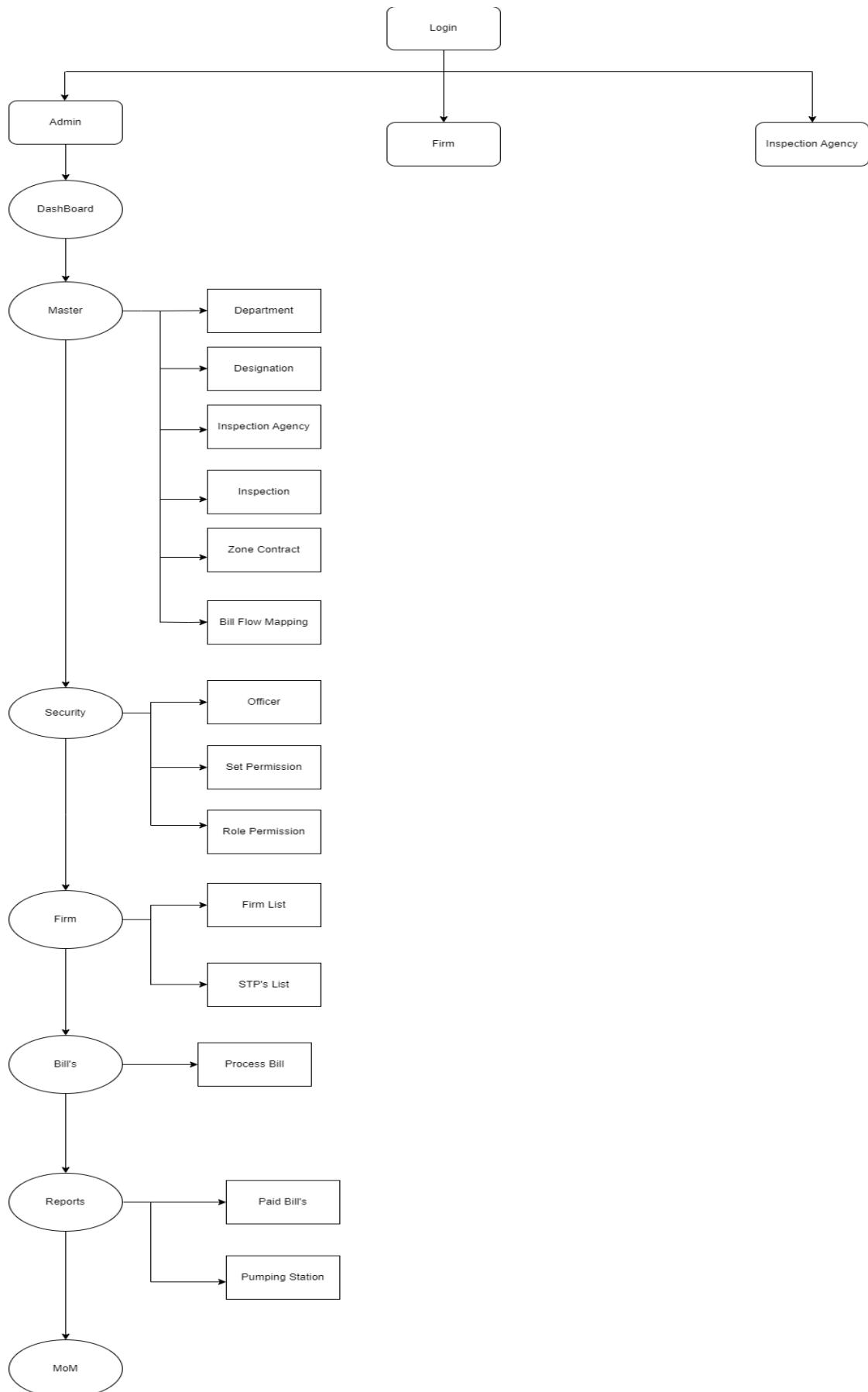
3.2 Admin's Dashboard Overview

- After logging in, you will be entered into an Admin dashboard. The dashboard provides a various feature such as:

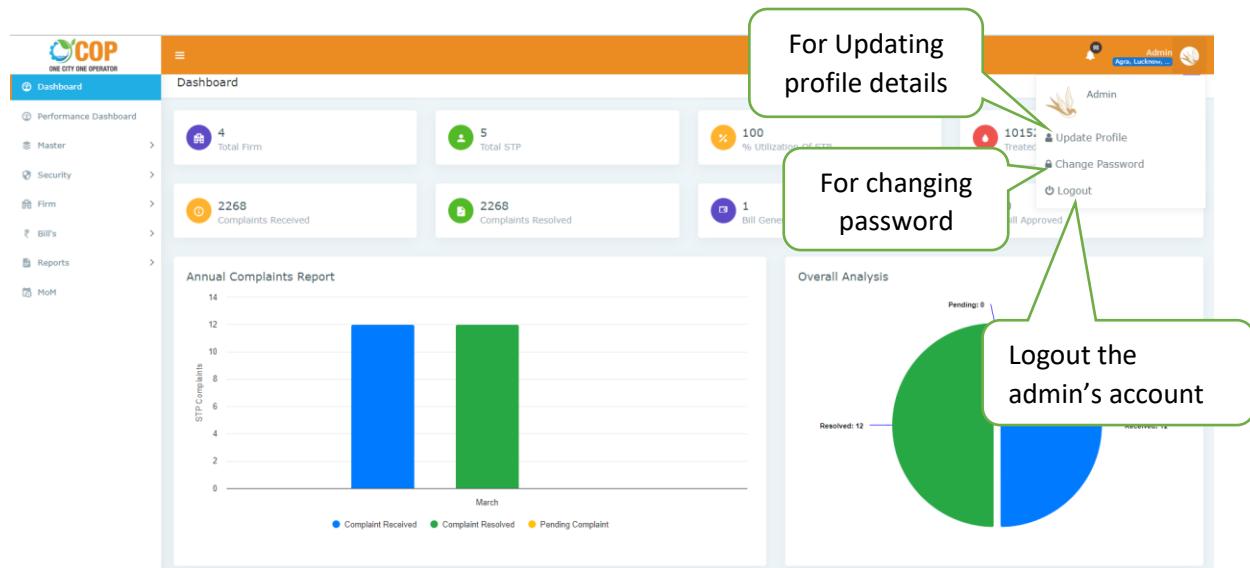


- a. Admin Profile, there are three options such as:
 - Update Profile
 - Change Password
 - Logout
- b. Dynamic data of OCOP. Such as:
 - Total firm
 - Total STP
 - Utilization of STP
 - Treated water volume
 - Complaints received
 - Complaints resolved
 - Bill Generated
 - Bill approved
- c. This is a side navbar, where you will see various features of OCOP.
- d. Annual complaints report shows in a graph format.
- e. This shows an overall analysis of complaints (received, resolved, and still pending) status in a Pie chart.

4. OVERVIEW



a. Admin Profile

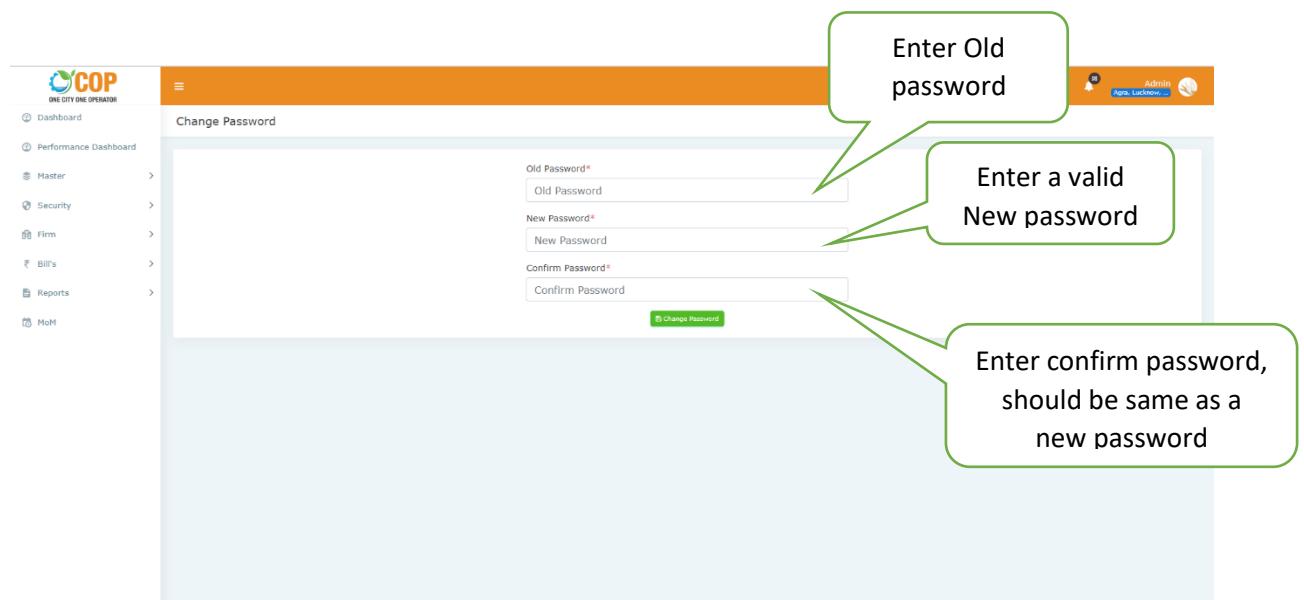


❖ Update Admin profile

The screenshot shows the "Profile" update form. It includes fields for "Name" (with placeholder "Admin"), "Mobile No." (with placeholder "9984563460"), and "Email Id" (with placeholder "admin@123.com"). There's also a "Profile Picture" section with a "Choose File" button and a placeholder "No file chosen". A small bird icon is displayed next to the picture field. A green callout box points to the "Name" field with the text "Enter name". Another green callout box points to the "Mobile No." field with the text "Enter a suitable 10-digit mobile no". A third green callout box points to the "Email Id" field with the text "Enter a valid email address". A fourth green callout box points to the "Profile Picture" section with the text "Choose a profile picture in a valid extension".

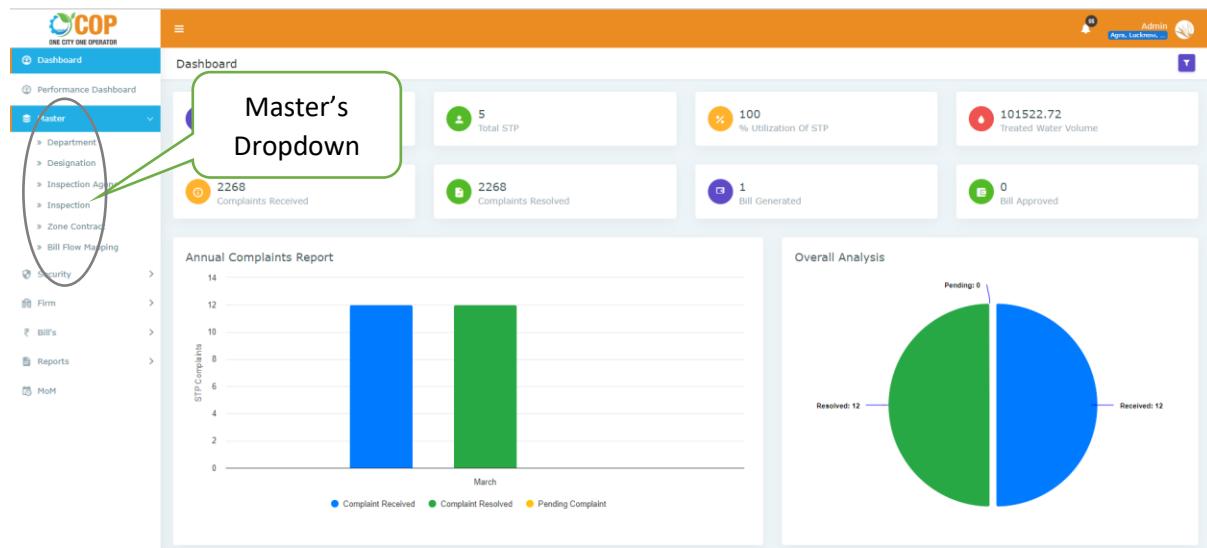
- Fill the following details, click on update.
- Then, you will see a successfully updating message.

❖ Change Password

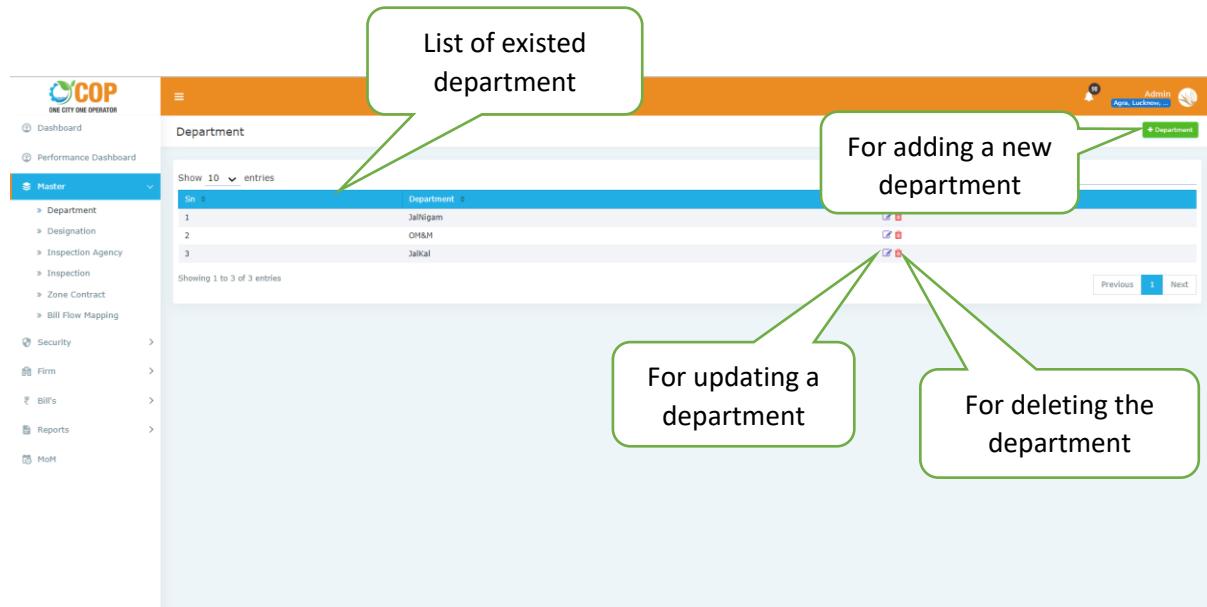


- Enter an Old Password
- Then according to you, enter New Password and enter Confirm password.
- And, click on Change password, successfully you have changed the password.

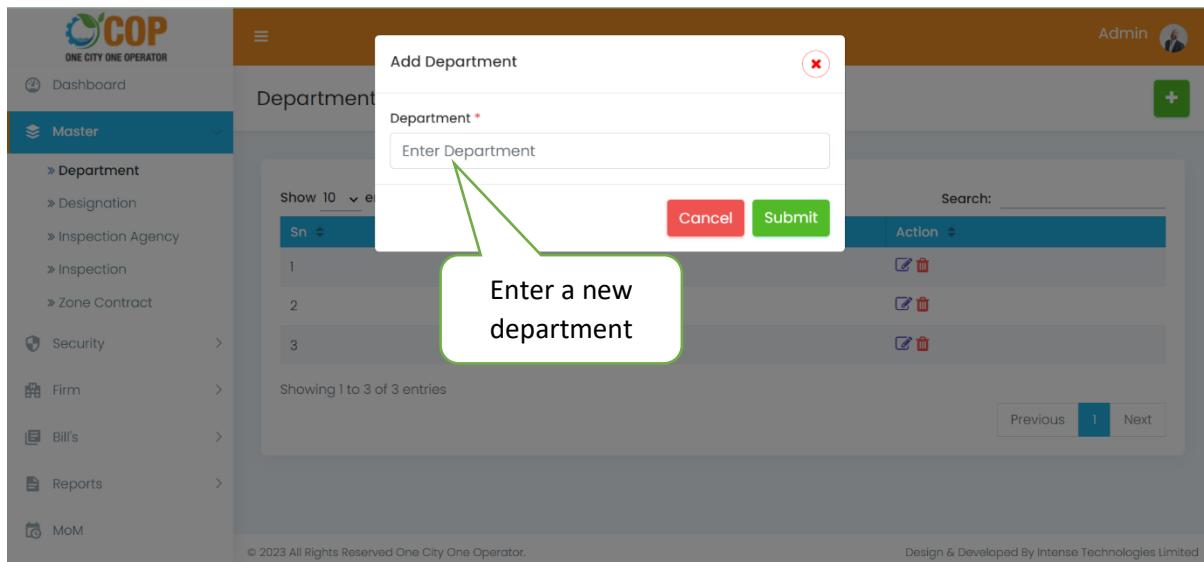
b. Master's dropdown:



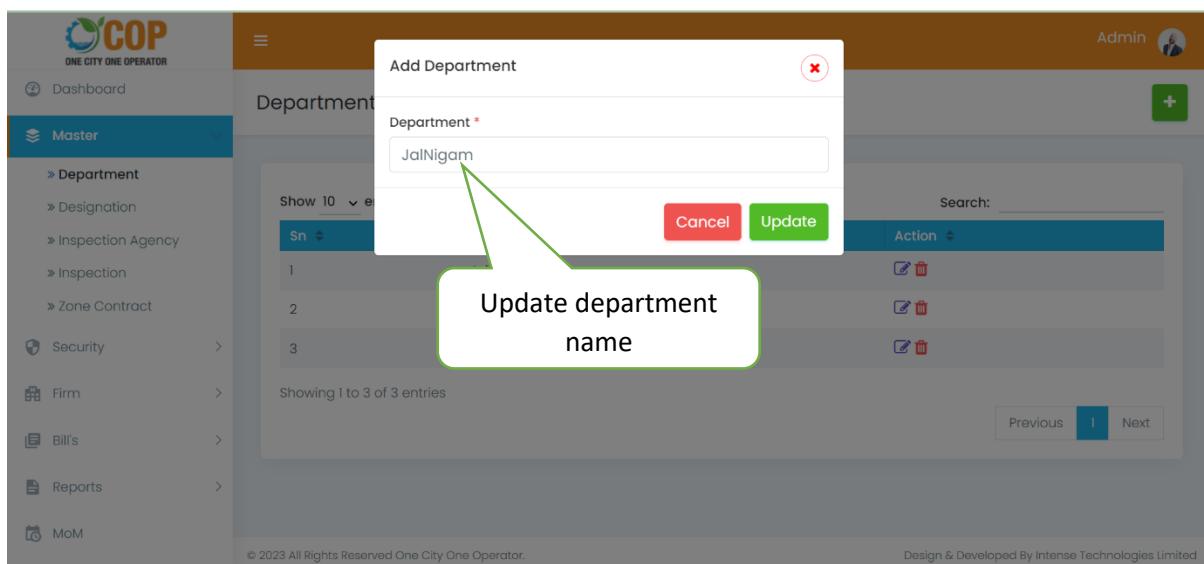
❖ Department



- For adding a new department, enter name and submit it.
- For deleting the existed department, you get an alert message confirm it if wants to delete.



- Update the details of already existed departments.



❖ Designation

List of existed designation

Add a new designation

For updating the designation

For deleting the designation

Sn. #	Designation	Index
1	Superintending Engineer	5
2	Executive Engineer	4
3	Chief Engineer	6
4	Junior Engineer	1
5	Assistant Engineer	2
6	GH Jal Kal	2
7	OH&M Cell	7

- For updating the existed designation.
- Give the bill approval authority after check in.

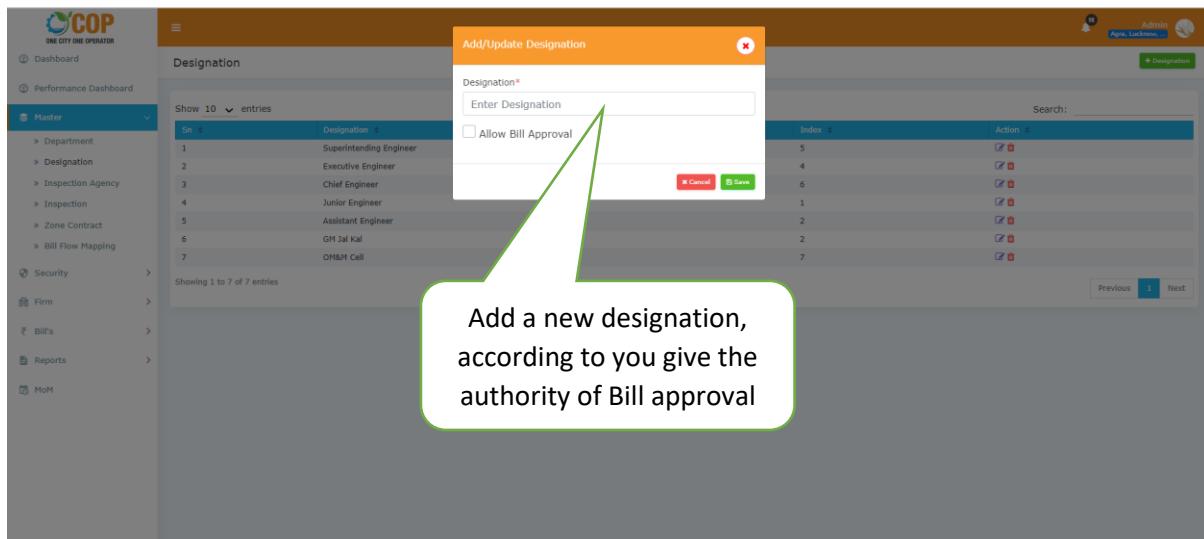
Update designation name, given the authority of Bill approval

Add/Update Designation

Designation*: Superintending Engineer

Allow Bill Approval

Cancel **Update**



❖ Inspection Agency

List of Inspection agency

Add a new Inspection agency

Update in an existed agency

For delete the designation

Sr. #	Zone #	Agency Name #	Login Id #	Password #	Contact Person #	Mobile #	Action #
1	Lucknow	UPPCB	284289	123456	Shan	987653	<input type="checkbox"/> <input type="checkbox"/>
2	Ghazababd	Ghazababd UPPCB	285479	123456	Shan	874525	<input type="checkbox"/> <input type="checkbox"/>
3	Ghazababd	Ghazababd TPI	987044	123456	Amit	987456	<input type="checkbox"/> <input type="checkbox"/>
4	Ghazababd	Ghazababd In House	584077	123456	Ranjan	983258	<input type="checkbox"/> <input type="checkbox"/>
5	Gorakhpur	Gorakhpur UPPCB	067057	123456	Ajeet	963258	<input type="checkbox"/> <input type="checkbox"/>
6	Gorakhpur	Gorakhpur TPI	899948	123456	Ranjeet	9851472635	<input type="checkbox"/> <input type="checkbox"/>
7	Gorakhpur	Gorakhpur In House Agency	661145	123456	Sam	9856784541	<input type="checkbox"/> <input type="checkbox"/>
8	Lucknow	LKO UPPCB Agency	446519	123456	Saiman	2322322323	<input type="checkbox"/> <input type="checkbox"/>
9	Lucknow	LKO TPI Agency	927412	123456	Sam	8521479603	<input type="checkbox"/> <input type="checkbox"/>
10	Lucknow	LKO In House Agency	240326	123456	Sam	878787778	<input type="checkbox"/> <input type="checkbox"/>

- Add a new Inspection Agency.
- Fill the following required fields and submit.

Add/Update Inspection Agency

Zone *: Lucknow

Agency Name *: UPPCB

Inspection Type *: In-House

Contact Person *: [Redacted]

Mobile No *: [Redacted]

Address *: [Redacted]

Agency List

Zone	Agency Name	Type	Action
Ghazab	UPPCB	In-House	[Edit]
Ghazab	Ghazab UPR	Third Party Inspection	[Edit]
Gorakhpur	Gorakhpur UPR	In-House	[Edit]
Gorakhpur	Gorakhpur TPI	Third Party Inspection	[Edit]
Lucknow	LKO UPPCB Ag	In-House	[Edit]
Lucknow	LKO TPI Agent	Third Party Inspection	[Edit]
Lucknow	LKO In House	In-House	[Edit]

- Fill the following mandatory fields for adding a new Inspection Agency.
- Update in an existed agency.

Add/Update Inspection Agency

Zone *: Lucknow

Agency Name *: UPPCB

Inspection Type *: In-House

Contact Person *: [Redacted]

Mobile No *: [Redacted]

Address *: [Redacted]

Agency List

Zone	Agency Name	Type	Action
Ghazab	UPPCB	In-House	[Edit]
Ghazab	Ghazab UPR	Third Party Inspection	[Edit]
Ghazab	In-House	In-House	[Edit]
Gorakhpur	UPPCB	In-House	[Edit]
Gorakhpur	Gorakhpur TPI	Third Party Inspection	[Edit]
Gorakhpur	In-House	In-House	[Edit]
Lucknow	UPPCB	In-House	[Edit]
Lucknow	Third Party Inspection	Third Party Inspection	[Edit]
Lucknow	In-House	In-House	[Edit]

❖ Inspection

The screenshot shows the OCOP dashboard with the 'Master' menu selected. Under 'Master', 'Inspection' is highlighted. The main content area displays a table titled 'Inspection' with three entries: 1. In-House, 2. Third Party Inspection, and 3. UPPCB. A green callout box labeled 'List of Inspection type' points to the table.

❖ Zone Contact

The screenshot shows the OCOP dashboard with the 'Master' menu selected. Under 'Master', 'Zone Contract' is highlighted. The main content area displays a table titled 'Zone Contract List' with four entries: 1. Gorakhpur, 2. Lucknow, 3. Agra, and 4. Ghazabad. A green callout box labeled 'Existed zone list' points to the table. Another green callout box labeled 'Add a new zone' points to a 'Zone' button in the top right corner of the header. A third green callout box labeled 'Edit in a zone detail' points to the table rows. A fourth green callout box labeled 'For deleting the zone.' points to the delete icons in the 'Action' column of the table.

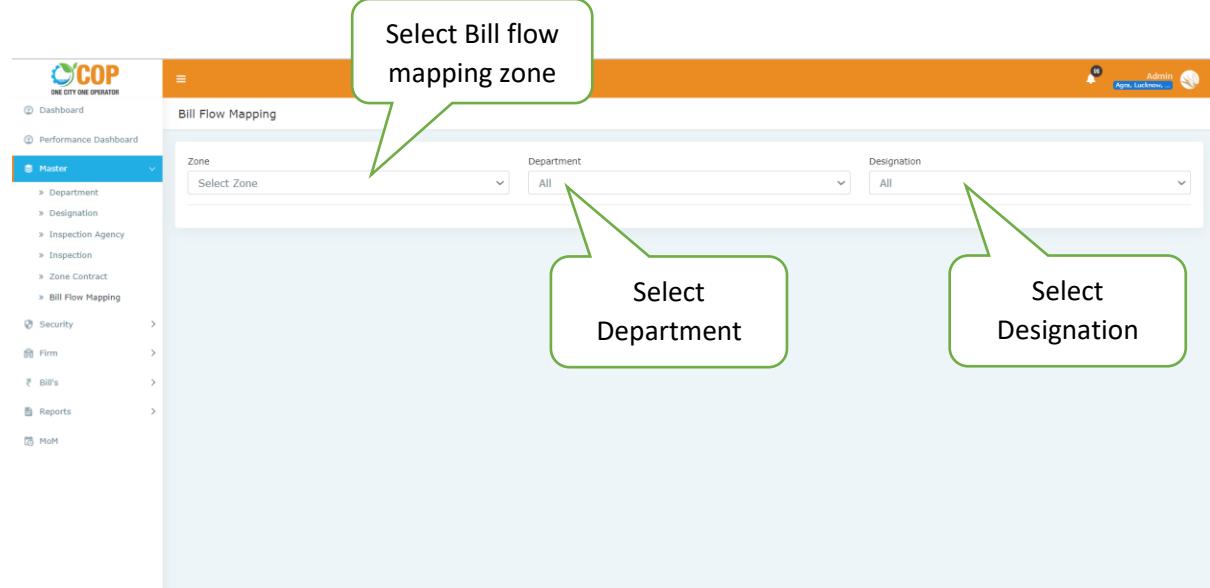
- User can add new Zone
- Fill the following required fields.

For adding a new Zone, Fill the mandatory fields

- Update in an existed Zone.
- Whatever the fields you want to change.

For updating the details of Zone

❖ Bill flow mapping:



The screenshot shows the 'Bill Flow Mapping' page with the 'Zone' dropdown set to 'Lucknow'. The main area displays a table of employees with columns: SN, Employee, Department, Designation, Forward, Document Verification, and Final Approval. Each row has a checkbox in the 'Forward' column and a series of checkboxes in the other two columns. A green callout box points to the 'Employee' column header, another to the 'Forward' column header, and a third to the 'Designation' column header.

SN	Employee	Department	Designation	Forward	Document Verification	Final Approval
1	Ashish Mishra	JalNigam	Executive Engineer	<input type="checkbox"/>	<input type="checkbox"/>	
2	Satyam Mishra	JalNigam	Chief Engineer	<input type="checkbox"/>	<input type="checkbox"/>	
3	Rinku Chauhan	JalNigam	Assistant Engineer	<input type="checkbox"/>	<input type="checkbox"/>	
4	Ramu Verma	JalNigam	OM&M Cell	<input type="checkbox"/>	<input type="checkbox"/>	
5	Swati Singh	JalNigam	OM&M Cell	<input type="checkbox"/>	<input type="checkbox"/>	
6	Namrata Yadav	JalNigam	GH Jal Kal	<input type="checkbox"/>	<input type="checkbox"/>	
7	Manu S Vaish	JalNigam	Chief Engineer	<input type="checkbox"/>	<input type="checkbox"/>	
8	Surender Dubey	JalNigam	Superintending Engineer	<input type="checkbox"/>	<input type="checkbox"/>	
9	Dinesh Thakur	JalNigam	Junior Engineer	<input type="checkbox"/>	<input type="checkbox"/>	
10	Anit Panday	OM&M	GH Jal Kal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
11	Vilay Yadav	OM&M	Junior Engineer	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12	Vivek Ral	Jalkal	Junior Engineer	<input type="checkbox"/>	<input type="checkbox"/>	
13	Sumit Sharma	OM&M	Superintending Engineer	<input type="checkbox"/>	<input type="checkbox"/>	

- Administrators have the flexibility to grant authorization to officers by simply checking the corresponding boxes.
- This authority extends to tasks such as forwarding, document verification, and final approval, providing a seamless and efficient way to delegate responsibilities within the system.

Bill Flow Mapping

SN	Employee	Department	Designation	Forward	Document Verification	Final Approval
1	Satyam Mishra	JalNigam	Chief Engineer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2	Manu S valsh	JalNigam	Chief Engineer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Authority to forward the officers

Check box for giving the authority of document verification

Bill Flow Mapping

SN	Employee	Department	Designation	Forward	Document Verification	Final Approval
1	Amit Panday	OM&M	GM Jal Kal	✓	✓	✓
2	Vijay Yadav	OM&M	Junior Engineer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Sumit Sharma	OM&M	Superintending Engineer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Authority of final approval, check to whom you want to give and save it.

Reset from here

Save from here after you done.

c. Security:

The screenshot shows the OCOP Dashboard. On the left, there is a sidebar with various options like Dashboard, Performance Dashboard, Master, Security, Firm, Bill's, Reports, and MoH. The 'Security' option is highlighted with a green box and has three sub-options: Officer, Set Permission, and Role Permission. A green callout bubble labeled 'Security dropdown' points to this menu. The main dashboard area displays several cards: 'Total STP' (5), '% Utilization Of STP' (100%), 'Treated Water Volume' (101522.72), 'Complaints Received' (2268), 'Complaints Resolved' (2268), 'Bill Generated' (1), and 'Bill Approved' (0). Below these are two charts: 'Annual Complaints Report' (a bar chart showing 12 Complaint Received and 12 Complaint Resolved) and 'Overall Analysis' (a pie chart showing Pending: 0, Received: 12, and Resolved: 12).

- This shows the Officer's list who are already registered.
 - View shows a Zone details pop-box.
- ❖ Officer's:

The screenshot shows the 'Officer List' page. The sidebar includes options like Dashboard, Performance Dashboard, Master, Security (with sub-options: Officer, Set Permission, Role Permission), Firm, Bill's, Reports, and MoH. The main area shows a table of officer details with columns: Sr, Name, Designation, Department, Zone, City, Login Id, Password, Mobile No, View, and Action. The table contains 10 entries. A green callout bubble labeled 'Officer's list with their details' points to the table. To the right, there is a button labeled 'Add New' with a green arrow pointing to it. Another green callout bubble labeled 'For updating the details' points to the 'View' and 'Action' columns. A third green callout bubble labeled 'For deleting the officer' points to the 'Action' column. The top right corner shows a user profile for 'Agra, Lucknow'.

Sr	Name	Designation	Department	Zone	City	Login Id	Password	Mobile No	View	Action
1	Dinesh Thakur	Junior Engineer	JalNigam	Agra, Lucknow, Gorakhpur, Ghaziabad	Rampur	dk@gmail.com	123456	9405274699	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Namrata Yadav	GM Jal Kal	JalNigam	Lucknow	Meerut	nam@gmail.com	123456	7766457887	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Surender Dubey	Superintending Engineer	JalNigam	Agra, Lucknow, Gorakhpur, Ghaziabad	Meerut	sd@gmail.com	123456	9933456512	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	Ashish Mishra	Executive Engineer	JalNigam	Lucknow	Meerut	ashish@gmail.com	123456	7700543412	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	Satyam Mishra	Chief Engineer	JalNigam	Lucknow	Meerut	sat@gmail.com	123456	9956784312	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Rinku Chauhan	Assistant Engineer	JalNigam	Lucknow	Meerut	rinku@thegmail.com	123456	7700542486	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Ramu Verma	OM&M Cell	JalNigam	Agra, Lucknow, Gorakhpur, Ghaziabad	Meerut	ram@thegmail.com	123456	7770034125	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	Ashwani Yadav	Executive Engineer	JalNigam	Gorakhpur	Meerut	ash@gmail.com	123456	8808776500	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	Piyush Srivastava	Superintending Engineer	JalNigam	Gorakhpur	Meerut	piyush@gmail.com	123456	7700987845	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	Vishal Varma	Executive Engineer	JalNigam	Gorakhpur	Meerut	vishal@gmail.com	123456	7744676712	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Update the officer details whatever fields you want to update

The screenshot shows the 'Officer Registration' form. Fields filled include Department (JaiNigam), Designation (Junior Engineer), First Name (redacted), Last Name (redacted), Email Id (redacted), Mobile No (redacted), and Address (gorakhpur). A dropdown menu for Zone shows four options: Agra, Lucknow, Gorakhpur, and Ghaziabad, each with a checked checkbox.

Sl	Zone *	<input type="checkbox"/> All
1	Agra	<input checked="" type="checkbox"/>
2	Lucknow	<input checked="" type="checkbox"/>
3	Gorakhpur	<input checked="" type="checkbox"/>
4	Ghaziabad	<input checked="" type="checkbox"/>

For new officer registration, fill the required details

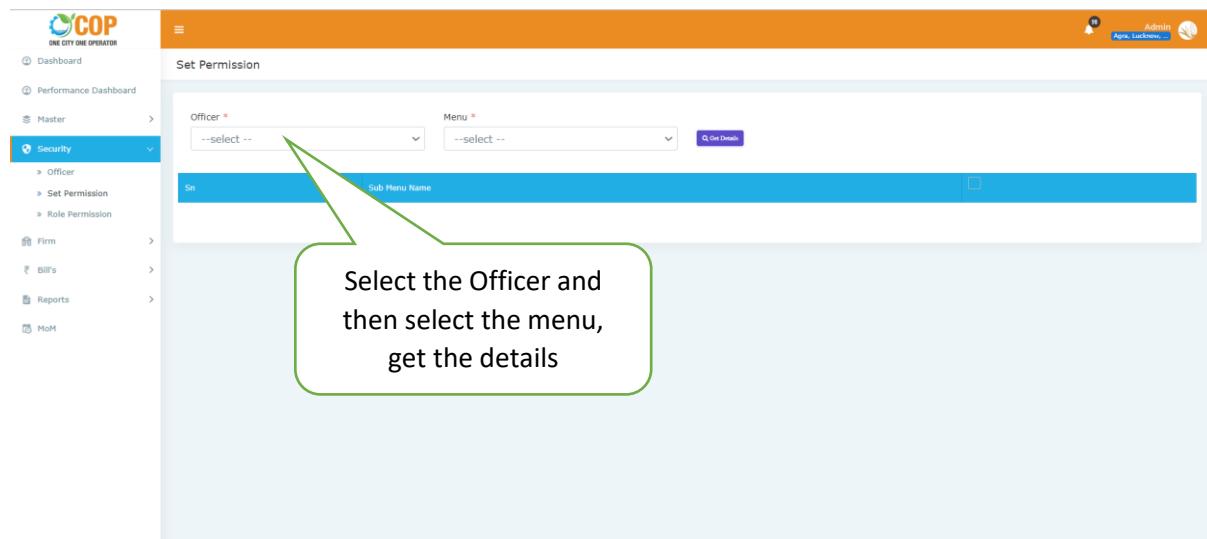
The screenshot shows the 'Officer Registration' form with most fields empty or containing placeholder text. The 'Address' field is filled with 'gorakhpur'. The dropdown menu for Zone shows four options: Agra, Lucknow, Gorakhpur, and Ghaziabad, each with an unchecked checkbox.

Sl	Zone *	<input type="checkbox"/> All
1	Agra	<input type="checkbox"/>
2	Lucknow	<input type="checkbox"/>
3	Gorakhpur	<input type="checkbox"/>
4	Ghaziabad	<input type="checkbox"/>

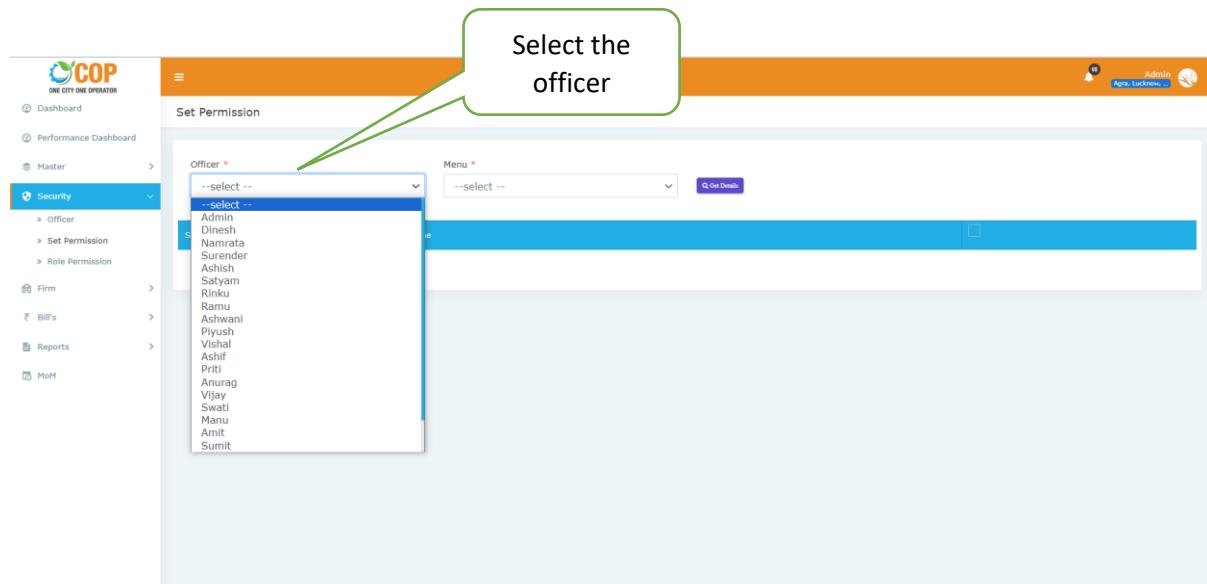
Give the authority of zone according to your requirements, else applicant can select all for all zones.

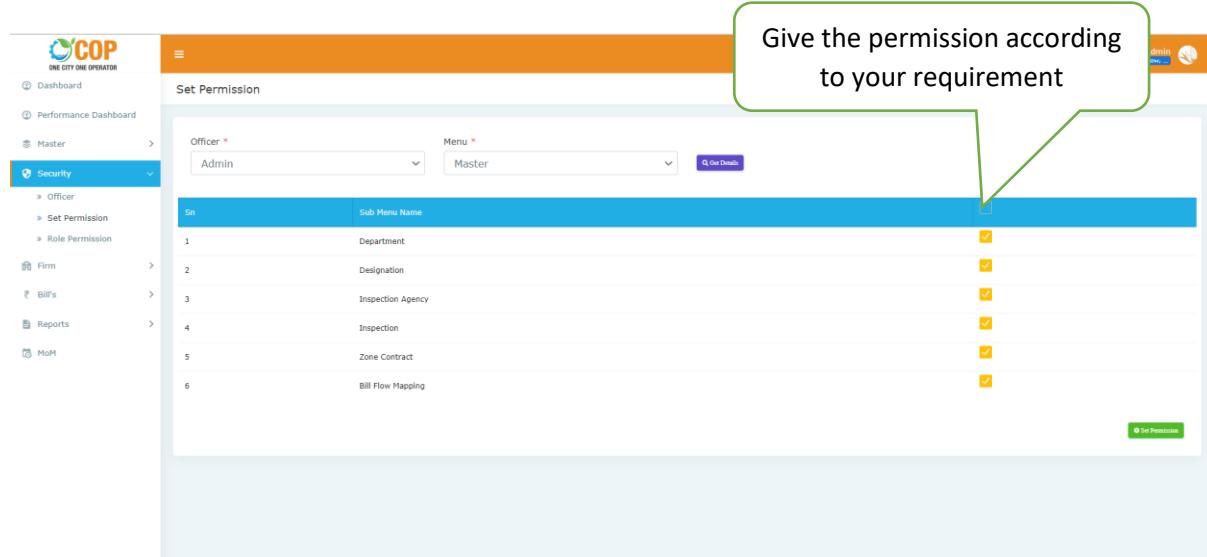
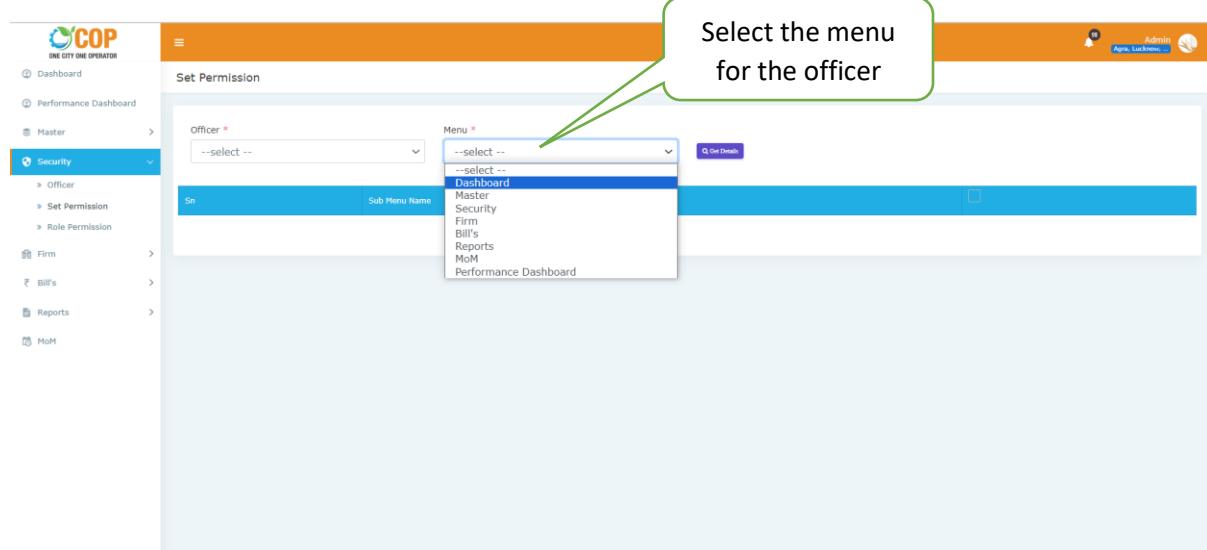
- At the time of registration, Admin can give the permission of zone.

❖ Set Permission:

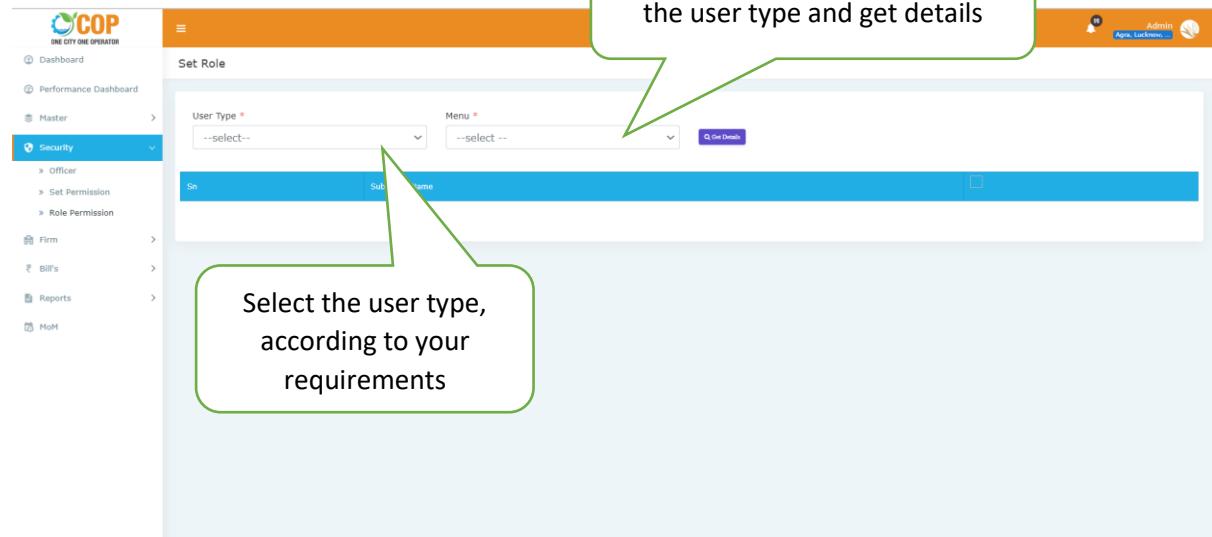


- Select the Employee and menu according to your requirement.
- Set the authorities of that particular officer.



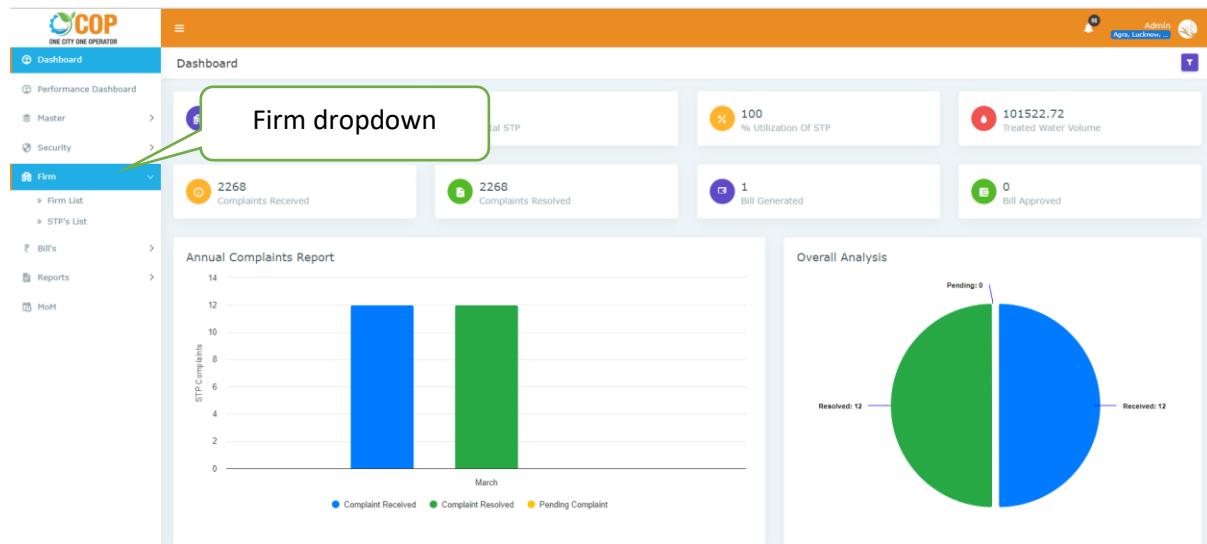


❖ Role Permission



Sn	Sub Menu Name	
1	Department	<input type="checkbox"/>
2	Designation	<input type="checkbox"/>
3	Inspection Agency	<input type="checkbox"/>
4	Inspection	<input type="checkbox"/>
5	Zone Contract	<input type="checkbox"/>
6	Bill Flow Mapping	<input checked="" type="checkbox"/>

- All the officers who belong to that role they get a permission.

d. Firm:**❖ Firm list**

The screenshot shows the 'Firm List' page. A green callout box labeled 'List of firms those are already registered' points to the table of registered firms. Another green callout box labeled 'Search bar for searching anything' points to the search bar at the top right of the page. A third green callout box labeled 'Edit those firms are already registered' points to the edit icons (pencil) next to each firm entry. A fourth green callout box labeled 'Delete the firm' points to the delete icons (trash bin) next to each firm entry. The table has columns for Srl., Zone, Firm Name, GST No., Contact Person, Login Id, Password, Mobile No., Gmail, and Action. The data in the table is as follows:

Srl.	Zone	Firm Name	GST No.	Contact Person	Login Id	Password	Mobile No.	Gmail	Action
1	Lucknow	M/S SUEZ India Pvt.Ltd.	09AAACH7409R1ZZ	M/S SUEZ India Pvt.Ltd.	L1234567	123456	7800000000	test@gmail.com	<input type="checkbox"/> <input checked="" type="checkbox"/>
2	Ghaziabad	M/S VA TECH WABAG LTD		M/S VA TECH WABAG LTD	GZ1234567	123456			<input type="checkbox"/> <input checked="" type="checkbox"/>
3	Agra	M/S VA TECH WABAG LTD		M/S VA TECH WABAG LTD	A1234567	123456			<input type="checkbox"/> <input checked="" type="checkbox"/>
4	Gorakhpur	M/S TOSHIBA WATER SOLUTION Pvt.Ltd.		M/S TOSHIBA WATER SOLUTION Pvt.Ltd.	G1234567	123456			<input type="checkbox"/> <input checked="" type="checkbox"/>

Showing 1 to 4 of 4 entries

Firm Registration

Offer/Zone* Lucknow

Firm Name* M/S SUEZ India Pvt.Ltd.

Password*

Update

Update the details of registered firms

Firm Registration

Offer/Zone* --select--

Firm Name* Enter Firm Name

Password*

Save

Register a new Firm

❖ STP's List:

List of STPs
Show their all the details

Sn	Firm	STP	Capacity	Meter Load	Electricity Account No.	UPPCL Bill Cycle	BOD	COD	FC	TSS	City	Address	Treatment Technology	Drainage	Sewer Length(K.M.)	Pumping Station Name	Pumping Station Meter Load	Pumping Station Account No.	Pumping Bill Cycle
1	M/S SUEZ India Pvt.Ltd.	14 MLD	14.00	100	7894561235	10	30.00	100.00	1000.00	50.00			LKO	2.00	LKO Main	200.00	30900000	10	
2	M/S SUEZ India Pvt.Ltd.	345 MLD	345.00	100	7894561235	10	30.00	100.00	10000.00	50.00	Daulatganj_42	Lucknow	52	LKO	2.00	MPS LKO	200.00	30900000	10
3	M/S SUEZ India Pvt.Ltd.	42 MLD	42.00	100	7894561235	10	30.00	100.00	1000.00	50.00	Daulatganj_42	Lucknow	52	LKO	2.00	MPS LKO	200.00	30900000	10
4	M/S VAISHNAWIBA WATER SOLUTION Pvt.Ltd.	12 MLD	12.00	1000	1425367485	09	48.00	78.00	900.00	48.00	Daulatganj_14	Gorakhpur		Main Drainage	12.00	Gorakhpur Pumping Station	75.00	1122334455	10
5	M/S VA TECH WAHAG LTD	74 MLD	74.00	876	8765544	10	30.00	1000.00	0.00	50.00	Bhanwara_345	Agra	OCOP		74 Main Pump	890.00	876543	10	

Showing 1 to 5 of 5 entries

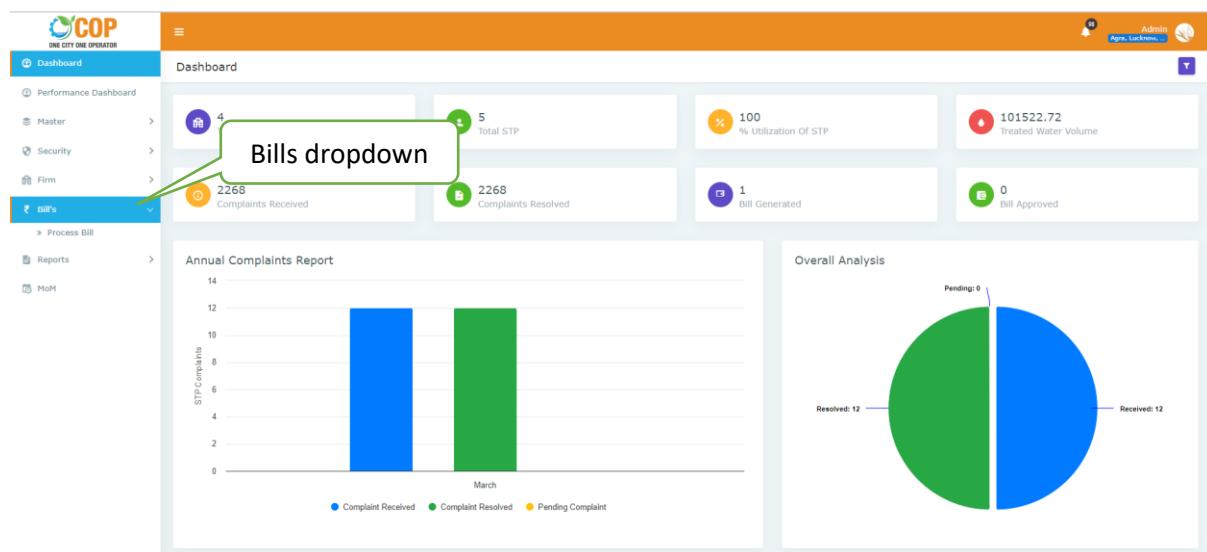
View will show the sub pumping station details

Sn	Firm	STP	Capacity	Meter Load	Electricity Account No.	UPPCL Bill Cycle	BOD	COD	FC	TSS	City	Address	Treatment Technology	Drainage	Sewer Length(K.M.)	Pumping Station Name	Pumping Station Meter Load	Pumping Station Account No.	Pumping Bill Cycle	Peak Designed Factor	Peak Discharge	Sub Pumping Station	View	Action
61235	M/S SUEZ India Pvt.Ltd.	10	30.00	100.00	1000.00	50.00							LKO	2.00	LKO Main	200.00	30900000	10	15	15	0			
61235	M/S SUEZ India Pvt.Ltd.	10	30.00	100.00	10000.00	50.00	Daulatganj_42	Lucknow	52	LKO	2.00	MPS LKO	200.00	30900000	10	15	15	1						
61235	M/S SUEZ India Pvt.Ltd.	10	30.00	100.00	1000.00	50.00	Daulatganj_42	Lucknow	52	LKO	2.00	MPS LKO	200.00	30900000	10	15	15	1						
67485	M/S SUEZ India Pvt.Ltd.	09	48.00	78.00	900.00	48.00	Daulatganj_14	Gorakhpur		Main Drainage	12.00	Gorakhpur Pumping Station	75.00	1122334455	10	12	12	1						
44	M/S SUEZ India Pvt.Ltd.	10	30.00	1000.00	0.00	50.00	Bhanwara_345	Agra	OCOP			74 Main Pump	890.00	876543	10	10	12	0						

Details of sub pumping stations

Sn	SPS	Drain	Sewer Length(K.M.)	Peak Designed Discharge	Peak Designed Factor	Sewer Length(K.M.)	Pumping Station Name	Pumping Station Meter Load	Pumping Station Account No.	Pumping Bill Cycle	Peak Designed Factor	Peak Design Discharge	Sub Pumping Station	View	Action
1	SPS 1	Lucknow	5	15	15		LKO Main	200.00	30900000	10	15	15	0		
		Lucknow	52	LKO	2.00	MPS LKO	200.00	30900000	10	15	15	1			
		Lucknow	52	LKO	2.00	MPS LKO	200.00	30900000	10	15	15	1			
		Gorakhpur	Main Drainage	Gorakhpur Pumping Station	12.00	75.00	1122334455	10	12	12	1				
		Agra	OCOP	74 Main Pump	890.00	876543	10	10	12	0					

e. Bills:



❖ Process bill:

- List of bills those are in under process with further details.

The screenshot shows the 'Process Bill's' page. It lists two entries: 1. December 2023, M/S SUEZ India Pvt.Ltd., Forwarded: Dinesh Thakur, Pending: Dinesh Thakur, Junior Engineer, Talabagan, 23/01/2024, Approved: Dinesh Thakur, Junior Engineer, Talabagan, 23/01/2024, Approval Details: [link], Bill Details: [link], All Document: [link], Status: Pending. 2. January 2024, M/S SUEZ India Pvt.Ltd., Forwarded: Dinesh Thakur, Pending: Dinesh Thakur, Junior Engineer, Talabagan, 28/01/2024, Approved: Dinesh Thakur, Junior Engineer, Talabagan, 28/01/2024, Approval Details: [link], Bill Details: [link], All Document: [link], Status: Pending. The page includes a search bar, a user profile for Vijay Yadav (Agra, Lucknow), and navigation buttons for Previous and Next.

Bill approval details with their status (pending/approved) and further details

Sn	User	Narration	Documents	System Narration	Status	Pending since	Date
1	M/S SUEZ India Pvt.Ltd. (Lucknow)	Bill generated		Bill generated on 18/01/2024	Pending	18/01/2024	18/01/2024
2	Dinesh Thakur (JaliNigam-Junior Engineer)				Approved	18/01/2024	18/01/2024
3	Vijay Yadav (OM&M-Junior Engineer)				Approved	18/01/2024	18/01/2024
4	Vivek Rai (JaliKal-Junior Engineer)				Approved	18/01/2024	18/01/2024
5	Surender Dubey (JaliNigam-Superintending Engineer)	Please proceed to bill.		Bill forwarded to Surender Dubey by Vijay Yadav	Approved	18/01/2024	18/01/2024
6	Amit Panday (OM&M-GM Jal Kal)			Bill forwarded by Surender on 18/01/2024 to Amit	Pending	18/01/2024	18/01/2024

List of billing report of that particular Firm and rest of the details

Sl. No	Date	STP	Amount Of STP	Capacity	Actual Achieved	Treated for Payment	Fix Charges (50%)			BOD			COD			Variable Cost (40%)			TSS		
							As Per CB	As Per Actual	As Per CB	As Per Actual	Reported Value	BOD (50%)	ID	Reported Value	COD (15%)	ID	Reported Value	TSS (25%)	ID	Reported Value	
1	01/03/2023	14 MLD	72736.33	14.00	15.10	14.00	43641.80	43641.80	29094.53	29094.53	21.00	14547.27	0.00	58.00	4364.18	0.00	31.00	7273.63	0.00	700.00	
2	02/03/2023	14 MLD	72735.33	14.00	15.52	14.00	43641.80	43641.80	29094.53	29094.53	17.00	14547.27	0.00	60.00	4364.18	0.00	32.00	7273.63	0.00	400.00	
3	03/03/2023	14 MLD	72736.33	14.00	15.10	14.00	43641.80	43641.80	29094.53	29094.53	20.00	14547.27	0.00	84.00	4364.18	0.00	35.00	7273.63	0.00	900.00	
4	04/03/2023	14 MLD	72736.33	14.00	15.56	14.00	43641.80	43641.80	29094.53	29094.53	22.00	14547.27	0.00	80.00	4364.18	0.00	37.00	7273.63	0.00	800.00	
5	05/03/2023	14 MLD	72736.33	14.00	14.52	14.00	43641.80	43641.80	29094.53	29094.53	25.00	14547.27	0.00	88.00	4364.18	0.00	44.00	7273.63	0.00	700.00	
6	06/03/2023	14 MLD	72736.33	14.00	14.78	14.00	43641.80	43641.80	29094.53	29094.53	24.00	14547.27	0.00	76.00	4364.18	0.00	31.00	7273.63	0.00	400.00	
7	07/03/2023	14 MLD	72736.33	14.00	14.20	14.00	43641.80	43641.80	29094.53	29094.53	10.00	14547.27	0.00	48.00	4364.18	0.00	14.00	7273.63	0.00	2.00	
8	08/03/2023	14 MLD	72736.33	14.00	14.16	14.00	43641.80	43641.80	29094.53	29094.53	21.00	14547.27	0.00	64.00	4364.18	0.00	36.00	7273.63	0.00	600.00	
9	09/03/2023	14 MLD	72736.33	14.00	15.62	14.00	43641.80	43641.80	29094.53	29094.53	23.00	14547.27	0.00	72.00	4364.18	0.00	33.00	7273.63	0.00	700.00	
10	10/03/2023	14 MLD	72736.33	14.00	15.12	14.00	43641.80	43641.80	29094.53	29094.53	24.00	14547.27	0.00	76.00	4364.18	0.00	28.00	7273.63	0.00	800.00	
11	11/03/2023	14 MLD	72736.33	14.00	15.10	14.00	43641.80	43641.80	29094.53	29094.53	26.00	14547.27	0.00	88.00	4364.18	0.00	37.00	7273.63	0.00	400.00	

Screenshot of the OCOP Billing Report interface showing a grid of data for March 2023. The grid includes columns for Date, AS Per CB, AS Per Actual, Reported Value, BOD (50%), LD, COD (15%), TSS (25%), FC (10%), Received, Resolved, LD, Verified amount (12+15+18+21), and Testing Agency. A green callout box points to the 'Testing Agency' column, which contains multiple entries for different testing agencies.

India Pvt.Ltd. Firm /09AAACH7409R1ZZ GST No./Lucknow Zone /Payment for the month of March 2023																				
Charges (60%)		BOD		COD		TSS		FC		Complaints										
Date	AS Per CB	AS Per Actual	Reported Value	BOD (50%)	LD	COD (15%)	LD	Reported Value	TSS (25%)	LD	Reported Value	FC (10%)	LD	Received	Resolved	LD	Verified amount (12+15+18+21)	LD	Testing Agency	
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	25	26	27	28	29	
1.80	29094.53	29094.53	21.00	14547.27	0.00	68.00	4364.18	0.00	31.00	7273.63	0.00	700.00	2909.45	0.00	1	1	0.00	29094.53	0.00	In-House
1.80	29094.53	29094.53	17.00	14547.27	0.00	60.00	4364.18	0.00	32.00	7273.63	0.00	400.00	2909.45	0.00	0	0	0.00	29094.53	0.00	In-House
1.80	29094.53	29094.53	20.00	14547.27	0.00	84.00	4364.18	0.00	35.00	7273.63	0.00	900.00	2909.45	0.00	1	1	0.00	29094.53	0.00	In-House
1.80	29094.53	29094.53	22.00	14547.27	0.00	80.00	4364.18	0.00	37.00	7273.63	0.00	800.00	2909.45	0.00	1	1	0.00	29094.53	0.00	In-House
1.80	29094.53	29094.53	25.00	14547.27	0.00	88.00	4364.18	0.00	44.00	7273.63	0.00	700.00	2909.45	0.00	0	0	0.00	29094.53	0.00	In-House
1.80	29094.53	29094.53	24.00	14547.27	0.00	76.00	4364.18	0.00	31.00	7273.63	0.00	400.00	2909.45	0.00	1	1	0.00	29094.53	0.00	In-House
1.80	29094.53	29094.53	10.00	14547.27	0.00	48.00	4364.18	0.00	14.00	7273.63	0.00	2.00	2909.45	0.00	0	0	0.00	29094.53	0.00	In-House
1.80	29094.53	29094.53	21.00	14547.27	0.00	64.00	4364.18	0.00	36.00	7273.63	0.00	600.00	2909.45	0.00	1	1	0.00	29094.53	0.00	In-House
1.80	29094.53	29094.53	23.00	14547.27	0.00	72.00	4364.18	0.00	33.00	7273.63	0.00	700.00	2909.45	0.00	0	0	0.00	29094.53	0.00	In-House
1.80	29094.53	29094.53	24.00	14547.27	0.00	76.00	4364.18	0.00	28.00	7273.63	0.00	800.00	2909.45	0.00	1	1	0.00	29094.53	0.00	In-House
1.80	29094.53	29094.53	26.00	14547.27	0.00	88.00	4364.18	0.00	37.00	7273.63	0.00	400.00	2909.45	0.00	0	0	0.00	29094.53	0.00	In-House

Shows the number of testing agency's fill the data

Details of testing agency their tested parameters

Screenshot of the OCOP Testing Agency report interface. It shows a table with columns for STP Name, Billing Date, Water Discharge, and various parameters (BOD, COD, TSS, FC) with their respective values. A green callout box points to the 'Testing Agency' section at the bottom right, which lists multiple entries for different testing agencies.

Testing Agency										
STP Name :	14 MLD	Billing Date :	06/03/2023	Water Discharge :	14.78					
In House										
BOD :	24.00	COD :	76.00	TSS :	31.00	FC :	400.00			
UPPCB										
BOD :	24.00	COD :	76.00	TSS :	31.00	FC :	400.00			
Received	Resolved	LD	Verified amount (12+15+18+21)	LD	Testing Agency					
1	1	0.00	29094.53	0.00	In-House					
0	0	0.00	29094.53	0.00	In-House					
1	1	0.00	29094.53	0.00	In-House					
1	1	0.00	29094.53	0.00	In-House					
0	0	0.00	29094.53	0.00	29094.53					
1	1	0.00	29094.53	0.00	29094.53					
0	0	0.00	29094.53	0.00	29094.53					
1	1	0.00	29094.53	0.00	29094.53					
0	0	0.00	29094.53	0.00	29094.53					
1	1	0.00	29094.53	0.00	29094.53					
0	0	0.00	29094.53	0.00	29094.53					
1	1	0.00	29094.53	0.00	29094.53					
0	0	0.00	29094.53	0.00	29094.53					
1	1	0.00	29094.53	0.00	29094.53					
0	0	0.00	29094.53	0.00	29094.53					

The screenshot shows the OCOP Bill Document interface. At the top, there's a header with the OCOP logo and a user profile for 'Agra, Lucknow'. Below the header, a title 'Bill Document' is displayed. The main content area shows 'Lucknow Zone / Payment for the month of January 2024'. It includes a table with bill details: Firm Name (M/S SUEZ India Pvt.Ltd.), Fuel Charges (14942.00), Bill No. (023), Net LD Charges (55565.36), Bill Date (18/01/2024), and Grand Total (97735482.81). A large green callout box labeled 'Details of bill' points to the top section. Another green callout box labeled 'List of documents of that particular bill' points to a table below, which lists four documents: Covering Letter, LD Sheet, Other Documents, and TPI Reports, each with a status of 'Pending'.

Sn	Name	Document	Narration	Status	Pending since	Date
1	Covering Letter		pls proceed the bill..	Pending	18/01/2024	18/01/2024
2	LD Sheet		pls proceed the bill..	Pending	18/01/2024	18/01/2024
3	Other Documents		pls proceed the bill..	Pending	18/01/2024	18/01/2024
4	TPI Reports		pls proceed the bill..	Pending	18/01/2024	18/01/2024

Bill cycle Approval process:

❖ Jal Nigam's JE Login:

Jal Nigam's JE only can edit in BOD, COD, TSS and FC data.

The screenshot shows the OCOP Process Bill's interface. At the top, there's a header with the OCOP logo and a user profile for 'Dinesh Thakur, Agra, Lucknow'. Below the header, a title 'Process Bill's' is displayed. The main content area shows a table titled 'Show 10 entries' with columns for Sn, Month, Year, Firm, Forwarded, Pending, Approved, Approval Details, Bill Details, Bill Document, and Status. One entry is listed: '1 December 2023 M/S SUEZ India Pvt.Ltd.' with a status of 'Pending'. A green callout box labeled 'Pending bills' points to the 'Pending' column in the table.

Sn	Month	Year	Firm	Forwarded	Pending	Approved	Approval Details	Bill Details	Bill Document	Status
1	December	2023	M/S SUEZ India Pvt.Ltd.		Dinesh Thakur 02/01/2024					Pending

- On click, it will show the list of Bill approval.
- JE (Jal Nigam) can edit the bill parameters (BOD, COD, TSS, FC).
- And approve the bill with remark.

List of bills for approval

Approve the bill

Edit the bill parameters

#	Edit	Date	STP	Capacity	Actual Achieved	Treated for Payment	BOD			COD			TSS			FC			Complaints		
							Reported Value	BOD (50%)	LD	Reported Value	COD (15%)	LD	Reported Value	TSS (25%)	LD	Reported Value	FC (10%)	LD	Received	Resolved	LD
1	Edit	07/12/2023	14 HLD	14.00	13.00	13.00	31.00	0.00	10000.00	110.00	0.00	10000.00	40.00	6754.09	0.00	300.00	2701.64	0.00	0	0.00	9455.73
2	Edit	06/12/2023	14 HLD	14.00	14.00	14.00	20.00	14547.27	0.00	20.00	4364.18	0.00	49.00	7273.63	0.00	200.00	2909.45	0.00	0	0.00	29094.53
3	Edit	05/12/2023	14 HLD	14.00	14.00	14.00	29.00	14547.27	0.00	40.00	4364.18	0.00	40.00	7273.63	0.00	100.00	2909.45	0.00	1	1.00	29094.53
4	Edit	04/12/2023	14 HLD	14.00	14.00	14.00	30.00	14547.27	0.00	40.00	4364.18	0.00	50.00	7273.63	0.00	600.00	2909.45	0.00	0	0.00	29094.53

Update the bill parameters, if it's not correct

#	Edit	Date	STP	Capacity	Actual Achieved	Treated for Payment	BOD			COD			TSS			FC			Complaints		
							Reported Value	BOD (50%)	LD	Reported Value	COD (15%)	LD	Reported Value	TSS (25%)	LD	Reported Value	FC (10%)	LD	Received	Resolved	LD
1	Edit	07/12/2023	14 HLD	14.00	13.00	13.00	31.00	0.00	10000.00	110.00	0.00	10000.00	40.00	6754.09	0.00	300.00	2701.64	0.00	0	0.00	9455.73
2	Edit	06/12/2023	14 HLD	14.00	14.00	14.00	20.00	14547.27	0.00	20.00	4364.18	0.00	49.00	7273.63	0.00	200.00	2909.45	0.00	0	0.00	29094.53
3	Edit	05/12/2023	14 HLD	14.00	14.00	14.00	29.00	14547.27	0.00	40.00	4364.18	0.00	40.00	7273.63	0.00	100.00	2909.45	0.00	1	1.00	29094.53
4	Edit	04/12/2023	14 HLD	14.00	14.00	14.00	30.00	14547.27	0.00	40.00	4364.18	0.00	50.00	7273.63	0.00	600.00	2909.45	0.00	0	0.00	29094.53

- By default, it fills the old parameters and last limit of parameters show in red mark.

Approve the bill, with their specific document and remark should be mentioned

Check declaration box if above details are true

#	Edit	Date	STP Capacity	Actual Achieved	Treated for Payment
1		07/12/2023	14 MLD	14.00	13.00
2		06/12/2023	14 MLD	14.00	14.00
3		05/12/2023	14 MLD	14.00	14.00
4		04/12/2023	14 MLD	14.00	14.00

13	14	15	16	17	18	19	20	21	22	Complaints
TSB Value Actual	TSS (25%)	LD	Reported Value	FC (10%)	LD	Received	Resolved	LD	Verified amount (7+10+13+16)	
6754.09	0.00	300.00	2701.64	0.00	0	0	0	0.00	9455.73	
6727.63	0.00	200.00	2909.45	0.00	0	0	0	0.00	29094.53	
6727.63	0.00	100.00	2909.45	0.00	1	1	0.00	0.00	29094.53	
50.00	0.00	600.00	2909.45	0.00	0	0	0.00	0.00	29094.53	

- ❖ Jal Kal's JE login:
- Jal Kal's JE can only edit in complaints (received and resolved) and LD charges data.

Show the list of Pending bills

Seq	Month	Year	Firm	Forwarded	Pending	Approved	Approval Details	Bill Details	Bill Document	Status
1	December	2023	M/S SUEZ India Pvt.Ltd.	M/S SUEZ India Pvt.Ltd.	Dinesh Thakur Pending 20/12/2023					Pending

- On click, it will show the list of Bill approval.

List for Bill approval

Approve the bill

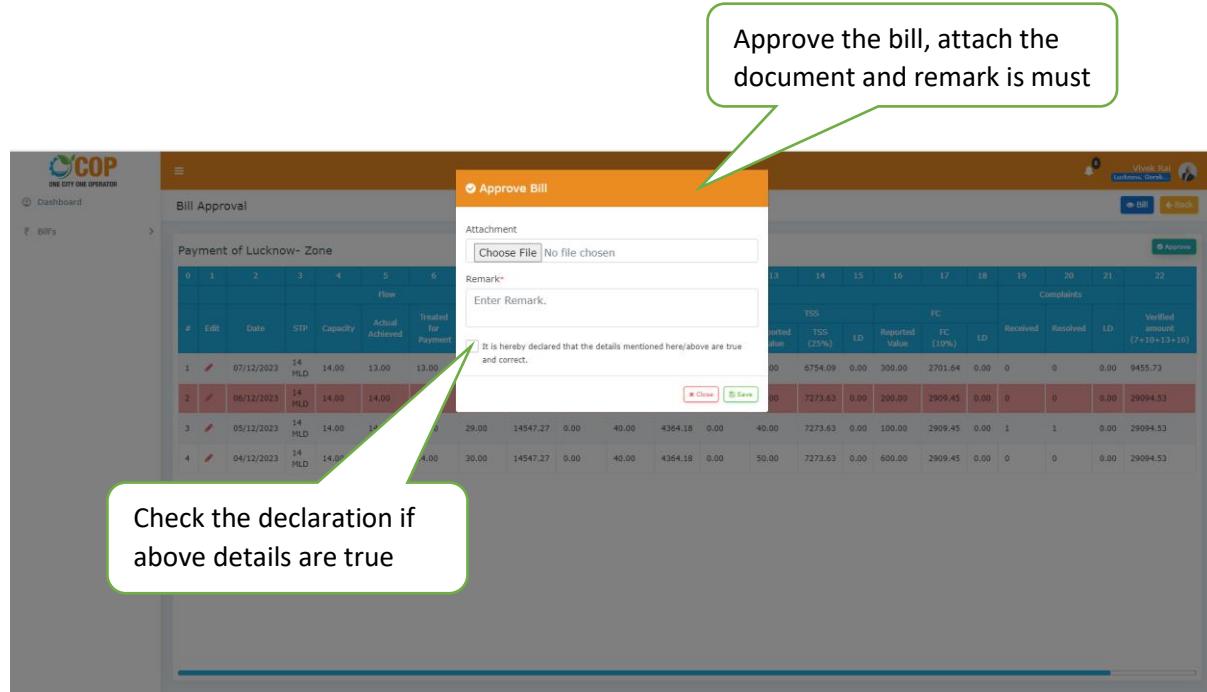
Update the number of complaints and LD charges

#	Edit	Date	STP	Capacity	Actual Achieved	Treated for Payment	Flow			Variable Cost (40%)			BOD			COD			TSS			FC			Complaints			LD	Received	Resolved	LD	Verified amount (7+10+13+16)
							Reported Value	BOD (50%)	LD	Reported Value	COD (15%)	LD	Reported Value	TSS (25%)	LD	Reported Value	FC (10%)	LD														
1	07/12/2023	14 MLD	14.00	13.00	13.00	31.00	0.00	10000.00	110.00	0.00	10000.00	40.00	6754.09	0.00	300.00	2701.64	0.00	0	0	0.00	9455.73											
2	06/12/2023	14 MLD	14.00	14.00	14.00	20.00	14547.27	0.00	20.00	4364.18	0.00	49.00	7273.63	0.00	200.00	2909.45	0.00	0	0	0.00	29094.53											
3	05/12/2023	14 MLD	14.00	14.00	14.00	29.00	14547.27	0.00	40.00	4364.18	0.00	40.00	7273.63	0.00	100.00	2909.45	0.00	1	1	0.00	29094.53											
4	04/12/2023	14 MLD	14.00	14.00	14.00	30.00	14547.27	0.00	40.00	4364.18	0.00	50.00	7273.63	0.00	600.00	2909.45	0.00	0	0	0.00	29094.53											

Update the details, if incorrect

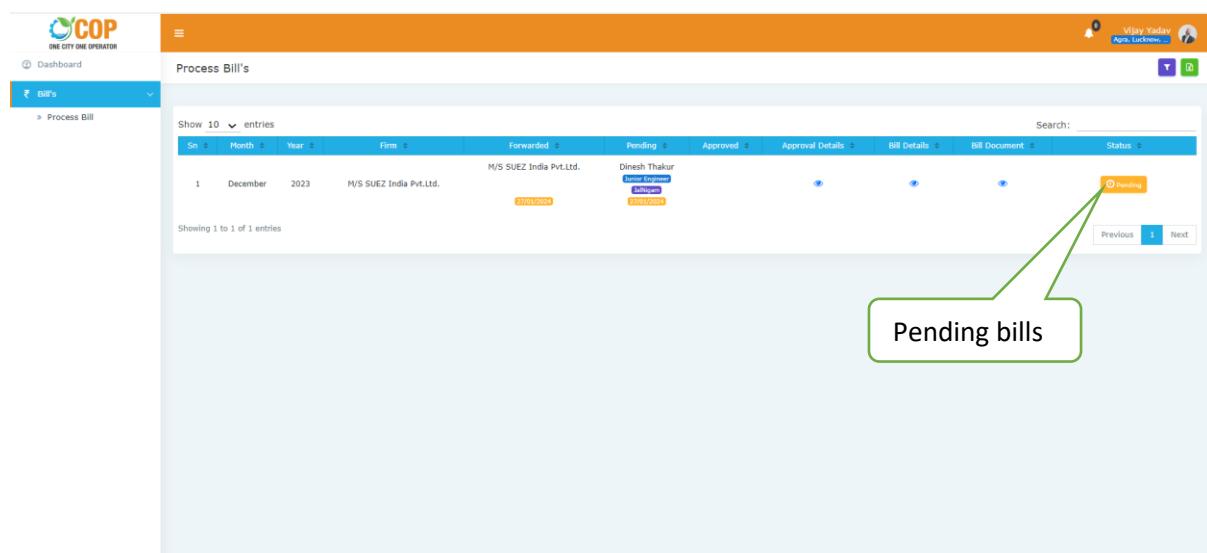
#	Edit	Date	STP	Capacity	Payment of Lucknow- Zone						Complaints						LD	Received	Resolved	LD	Verified amount (7+10+13+16)
					Reported value	FC (10%)	LD	Received	Resolved												
1	07/12/2023	14 MLD	14.00		300.00	2701.64	0.00	0	0	0.00	9455.73										
2	06/12/2023	14 MLD	14.00	14.00	14.00	2909.45	0.00	0.00	0.00	0.00	29094.53										
3	05/12/2023	14 MLD	14.00	14.00	14.00	2909.45	0.00	100.00	2909.45	0.00	1	1	0.00	29094.53							
4	04/12/2023	14 MLD	14.00	14.00	14.00	2909.45	0.00	600.00	2909.45	0.00	0	0	0.00	29094.53							

- JE (Jal Kal) can edit the bill complaints and LD charges. If the existed data was incorrect.



- And approve the bill with remark.

❖ OM&M cell login:



- On click, it will show the list of Bill approval.

List for Bill approval

Approve the bill

Highlight the record if it was same last 3 times

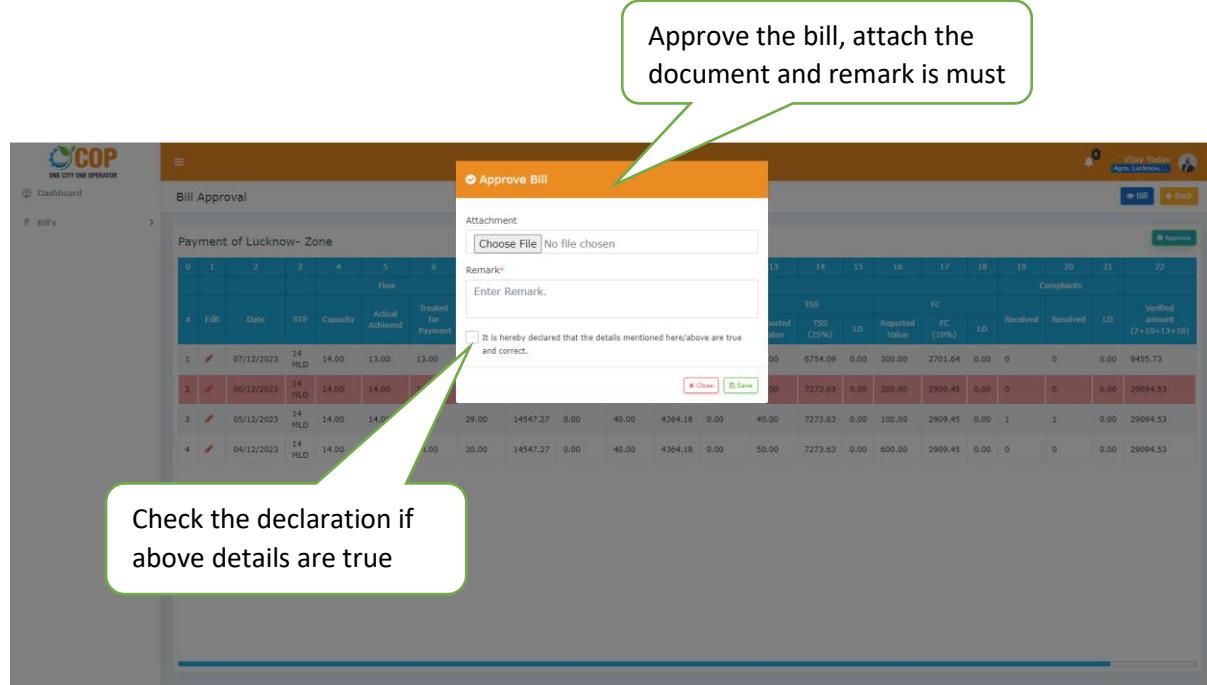
Update the number of actual achieved data

#	Date	STP Capacity	Actual Achieved	Treated for Payment	Reported Value	BOD (50%)	LD	Reported Value	COD (15%)	LD	Reported Value	TSS (25%)	LD	Reported Value	FC (10%)	LD	Received	Resolved	Complaints	Verified amount (7+10+13+16)	
1	07/12/2023	14 MLD	14.00	13.00	31.00	0.00	10000.00	110.00	0.00	10000.00	40.00	6754.09	0.00	300.00	2701.64	0.00	0	0	0.00	9455.73	
2	06/12/2023	14 MLD	14.00	14.00	14.00	20.00	14547.27	0.00	20.00	4364.18	0.00	49.00	7273.63	0.00	200.00	2909.45	0.00	0	0	0.00	29094.53
3	05/12/2023	14 MLD	14.00	14.00	14.00	29.00	14547.27	0.00	40.00	4364.18	0.00	40.00	7273.63	0.00	100.00	2909.45	0.00	1	1	0.00	29094.53
4	04/12/2023	14 MLD	14.00	14.00	14.00	30.00	14547.27	0.00	40.00	4364.18	0.00	50.00	7273.63	0.00	600.00	2909.45	0.00	0	0	0.00	29094.53

- On click, it will show the list of Bill approval.
- OM&M's cell JE can only update in water (actual achieved) data flow.
- And approve the bill with remark.

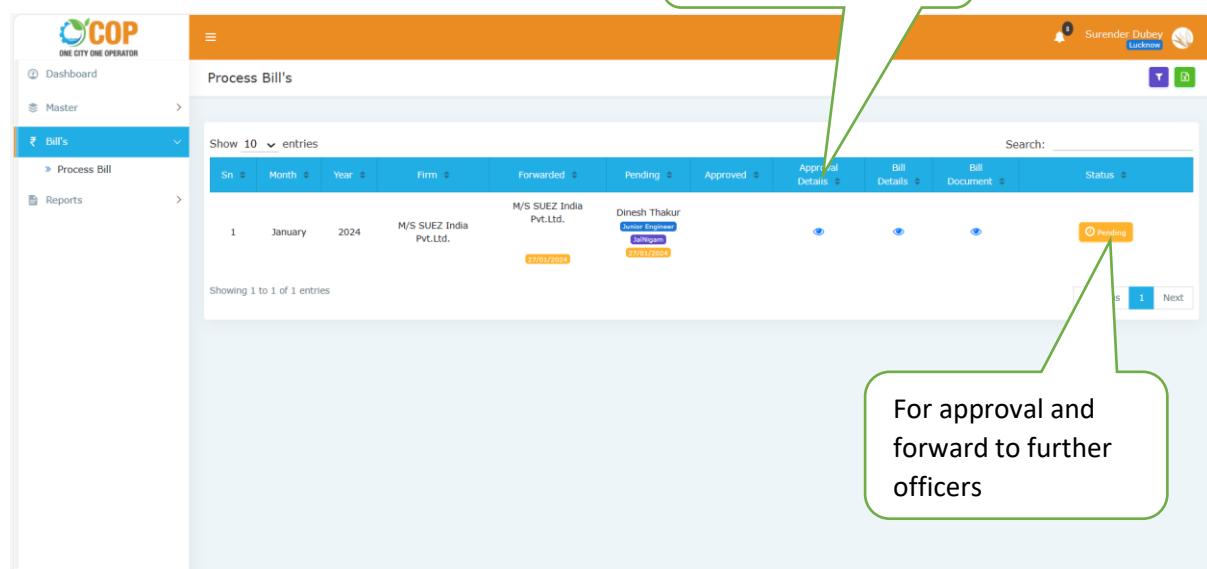
Update the number of actual achieved data

#	Date	STP Capacity	Actual Achieved	Treated for Payment	Reported Value	BOD (50%)	LD	Reported Value	COD (15%)	LD	Reported Value	TSS (25%)	LD	Reported Value	FC (10%)	LD	Received	Resolved	Complaints	Verified amount (7+10+13+16)	
1	07/12/2023	14 MLD	14.00	13.00	31.00	0.00	10000.00	110.00	0.00	10000.00	40.00	6754.09	0.00	300.00	2701.64	0.00	0	0	0.00	9455.73	
2	06/12/2023	14 MLD	14.00	14.00	14.00	20.00	14547.27	0.00	20.00	4364.18	0.00	49.00	7273.63	0.00	200.00	2909.45	0.00	0	0	0.00	29094.53
3	05/12/2023	14 MLD	14.00	14.00	14.00	29.00	14547.27	0.00	40.00	4364.18	0.00	40.00	7273.63	0.00	100.00	2909.45	0.00	1	1	0.00	29094.53
4	04/12/2023	14 MLD	14.00	14.00	14.00	30.00	14547.27	0.00	40.00	4364.18	0.00	50.00	7273.63	0.00	600.00	2909.45	0.00	0	0	0.00	29094.53



Note: When a bill is generated by a firm, it is promptly forwarded to officers from JE (Jal Nigam, Jal Kal, OM&M) for their approval. This streamlined process ensures a swift and efficient workflow in handling generated bills within the organization.

❖ Superintendent Engineer SE login:



List bill approval with their status
and date of pending/approved

Sn	User	Narration	Documents	System Narration	Status	Pending since	Date
1	M/S SUEZ India Pvt.Ltd. (Lucknow)	Bill generated		Bill generated on 27/01/2024	Pending	27/01/2024	27/01/2024
2	Vivek Rai (Jalkal-Junior Engineer)				Approved	27/01/2024	27/01/2024
3	Vijay Yadav (OM&M-Junior Engineer)				Approved	27/01/2024	27/01/2024
4	Dinesh Thakur (JalNigam-Junior Engineer)				Approved	27/01/2024	27/01/2024
5	Surender Dubey (JalNigam-Superintending Engineer)			Bill forwarded to Surender Dubey by Vijay Yadav	Pending	27/01/2024	27/01/2024

Sl. No.	Date	STP	Amount of STP	Capacity	Actual Achieved	Trend for Payment	Flow			Fee Charges (50%)			Variable Cost (40%)			Complaints			Received	Resolved	LD	Verified amount (13+15+18+21)	LD	Testing A				
							As Per CB	As Per Actual	AS Inv CB	As Per Actual	Reported Value	CCD	KDD (50%)	LD	Reported Value	TSD	LD	Reported Value							FC (10%)	LD	Received	
1	01/01/2024	14 MLD	72736.33	14.00	14.00	14.00	43641.80	43641.80	29094.53	29094.53	30.00	0.00	10000.00	30.00	0.00	50.00	7273.63	0.00	300.00	2909.49	0.00	0	0	0.00	10183.08	20000.00	Pending	
2	02/01/2024	14 MLD	72736.33	14.00	14.00	14.00	43641.80	43641.80	29094.53	29094.53	29.00	0.00	10000.00	20.00	0.00	10000.00	20.00	7273.63	0.00	200.00	2909.49	0.00	1	1	0.00	10183.08	20000.00	Pending
3	03/01/2024	14 MLD	72736.33	14.00	14.00	14.00	43641.80	43641.80	29094.53	29094.53	30.00	14547.27	0.00	40.00	4364.18	0.00	40.00	7273.63	0.00	400.00	2909.49	0.00	0	0	0.00	29094.53	0.00	Pending

List of billing report

- Complete highlighted red line record will be indicated when 3 continuous water flow actual achieved data will same.

List of bill documents

Sh	Name	Document	Narration	Status	Pending since	Date
1	Covering Letter		Pls. Proceed the bill.	Pending	27/01/2024	27/01/2024
2	LD Sheet		Pls. Proceed the bill.	Pending	27/01/2024	27/01/2024
3	Other Documents		Pls. Proceed the bill.	Pending	27/01/2024	27/01/2024
4	TPI Reports		Pls. Proceed the bill.	Pending	27/01/2024	27/01/2024

- Documents can be download for verification.

Process bill to forward recommended officers

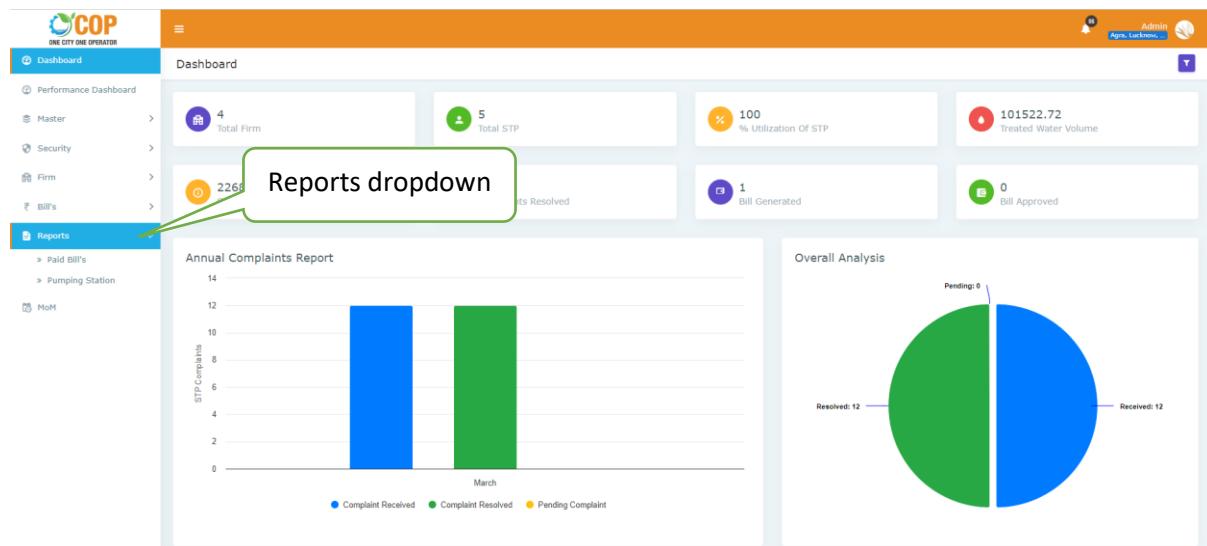
* It is hereby declared that the details mentioned here/above are true and correct.

Check declaration box if above mentioned details are true

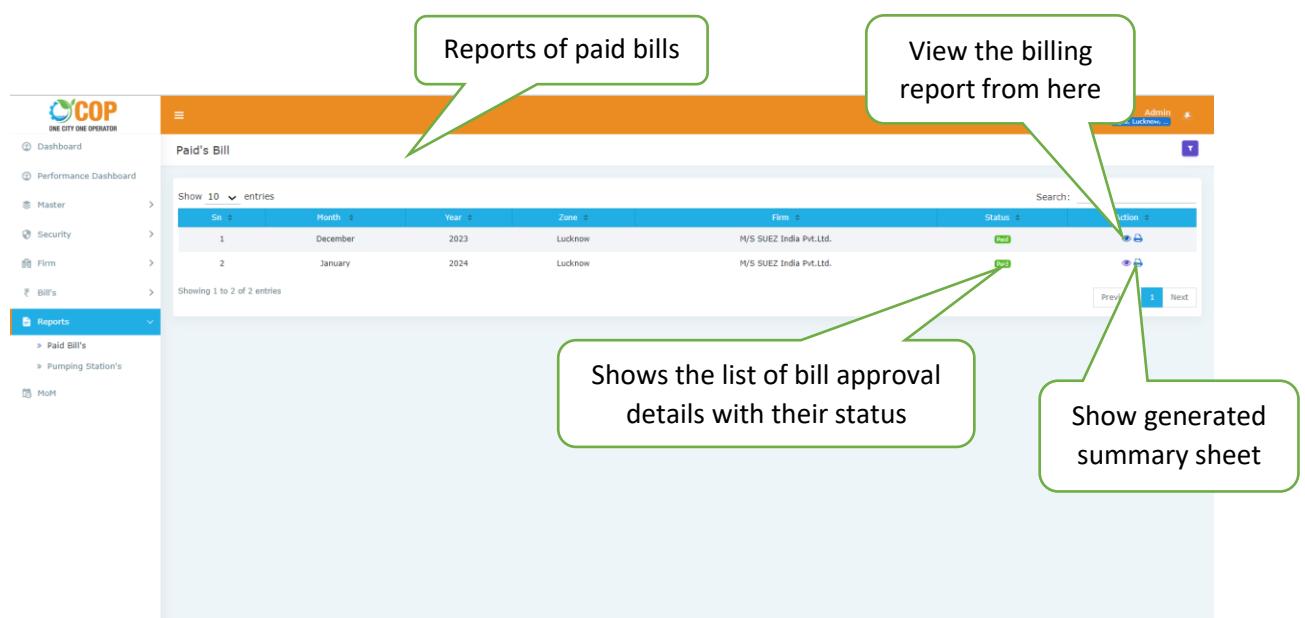
- SE (Superintendent Engineer) will recommend N number of Officer's.
- Bill will be routed until final approved.
- Remark is necessary to give.

Note: When the Superintendent Engineer (SE) recommends a bill, it specifically appears on the accounts of the designated officers for approval. This targeted approach ensures that the bill is visible only to the specified officers, streamlining the approval process for enhanced efficiency.

f. Reports:



❖ Paid bills:



List of bill approval details

Sn	User	Remarks	Documents	Status	Date
1	M/S SUEZ India Pvt.Ltd. (Lucknow)	Bill generated		Pending	27/01/2024
2	Vivek Rai (JalKal-Junior Engineer)			Approved	27/01/2024
3	Vijay Yadav (OM&M-Junior Engineer)			Approved	27/01/2024
4	Dinesh Thakur (JalNigam-Junior Engineer)			Approved	27/01/2024
5	Surender Dubey (JalNigam-Superintending Engineer)	Please proceed to bill.		Approved	27/01/2024
6	Ashish Mishra (JalNigam-Executive Engineer)	Please proceed to bill.		Approved	27/01/2024
7	Ramu Verma (JalNigam-OM&M Cell)	Please proceed to bill.		Approved	27/01/2024
8	Anand Verma (OM&M-GM Jal Kal)	Please proceed to bill.		Approved	27/01/2024

List of view billing report

Sl. No	Date	STP	Amount Of STP	Capacity	Actual Achieved	Treated for Payment	Fix Charges (6%)			BOD			COD			TSS			Variable Cost (40%)			
							As Per CB	As Per Actual	As Per CB	Reported Value	BOD (50%)	LD	Reported Value	COD (15%)	LD	Reported Value	TSS (25%)	LD	Reported Value			
1	04/12/2023	14 MLD	72736.33	14.00	14.00	12.00 27/01/2024 Vijay@gmail.com	12.00	43641.80	37407.26	29094.53	29094.53	24938.17	30.00	12469.09	0.00	40.00	3740.73	0.00	50.00	6234.54	0.00	600.00
2	05/12/2023	14 MLD	72736.33	14.00	14.00		14.00	43641.80	43641.80	29094.53	29094.53	29094.53	29.00	14547.27	0.00	40.00	4364.18	0.00	40.00	7273.63	0.00	100.00
3	06/12/2023	14 MLD	72736.33	14.00	14.00		14.00	43641.80	43641.80	29094.53	29094.53	29094.53	20.00	14547.27	0.00	20.00	4364.18	0.00	40.00	7273.63	0.00	200.00
4	07/12/2023	14 MLD	72736.33	14.00	13.00		13.00	43641.80	40524.53	29094.53	27016.35	27016.35	27016.35	30.00 27/01/2024 Vijay@gmail.com	13508.18	0.00	110.00 27/01/2024 Vijay@gmail.com	0.00	10000.00 27/01/2024 Vijay@gmail.com	6754.09	0.00	100.00 27/01/2024 Vijay@gmail.com

Shows the list of view billing report with the no. of testing agencies crossed the parameters

The screenshot shows a table titled "M/S SUEZ India Pvt.Ltd. Firm /09AAACH7409R1ZZ GST No./Lucknow Zone /Payment for the month of Nov 2023". The table has 20 columns and 12 rows of data. The columns represent various parameters such as Date, STP, Amount Of STP, Capacity, Actual Achieved, Treated for Payment, As Per CB, As Per Actual, As Per CB, As Per Actual, BOD, COD, Variable Cost (40%), TSS, LD, Reported Value, TSS (25%), LD, and Reported Value.

Sl. No	Date	STP	Amount Of STP	Capacity	Actual Achieved	Treated for Payment	Flow			BOD			COD			Variable Cost (40%)			TSS		
							As Per CB	As Per Actual	As Per CB	As Per Actual	BOD (50%)	LD	Reported Value	COD (15%)	LD	Reported Value	TSS (25%)	LD	Reported Value		
1	01/03/2023	14 MLD	72736.33	14.00	15.10	14.00	43641.80	43641.80	29094.53	29094.53	21.00	14547.27	0.00	68.00	4364.18	0.00	31.00	7273.63	0.00	700.00	
2	02/03/2023	14 MLD	72736.33	14.00	15.52	14.00	43641.80	43641.80	29094.53	29094.53	17.00	14547.27	0.00	60.00	4364.18	0.00	32.00	7273.63	0.00	400.00	
3	03/03/2023	14 MLD	72736.33	14.00	15.10	14.00	43641.80	43641.80	29094.53	29094.53	20.00	14547.27	0.00	84.00	4364.18	0.00	35.00	7273.63	0.00	900.00	
4	04/03/2023	14 MLD	72736.33	14.00	15.56	14.00	43641.80	43641.80	29094.53	29094.53	22.00	14547.27	0.00	80.00	4364.18	0.00	37.00	7273.63	0.00	800.00	
5	05/03/2023	14 MLD	72736.33	14.00	14.52	14.00	43641.80	43641.80	29094.53	29094.53	25.00	14547.27	0.00	88.00	4364.18	0.00	44.00	7273.63	0.00	700.00	
6	06/03/2023	14 MLD	72736.33	14.00	14.78	14.00	43641.80	43641.80	29094.53	29094.53	24.00	14547.27	0.00	76.00	4364.18	0.00	31.00	7273.63	0.00	400.00	
7	07/03/2023	14 MLD	72736.33	14.00	14.20	14.00	43641.80	43641.80	29094.53	29094.53	10.00	14547.27	0.00	48.00	4364.18	0.00	14.00	7273.63	0.00	2.00	
8	08/03/2023	14 MLD	72736.33	14.00	14.16	14.00	43641.80	43641.80	29094.53	29094.53	21.00	14547.27	0.00	64.00	4364.18	0.00	36.00	7273.63	0.00	600.00	
9	09/03/2023	14 MLD	72736.33	14.00	15.62	14.00	43641.80	43641.80	29094.53	29094.53	23.00	14547.27	0.00	72.00	4364.18	0.00	33.00	7273.63	0.00	700.00	
10	10/03/2023	14 MLD	72736.33	14.00	15.12	14.00	43641.80	43641.80	29094.53	29094.53	24.00	14547.27	0.00	76.00	4364.18	0.00	28.00	7273.63	0.00	800.00	
11	11/03/2023	14 MLD	72736.33	14.00	15.10	14.00	43641.80	43641.80	29094.53	29094.53	26.00	14547.27	0.00	88.00	4364.18	0.00	37.00	7273.63	0.00	400.00	

❖ Pumping station:

List of pumping station shows the number of pumping stations, number of sewers, drain

The screenshot shows a table titled "Pumping Station" with 5 entries. The columns are: Sr. #, Zone, STP, No Of Pumping Station, No Of Sewer, No Of Drain, and View. The entries are as follows:

Sr. #	Zone	STP	No Of Pumping Station	No Of Sewer	No Of Drain	View
1	Lucknow	14 MLD	1	1	1	
2	Lucknow	345 MLD Lucknow	2	2	2	
3	Lucknow	42 MLD Lucknow	2	2	2	
4	Gorakhpur	12 MLD	2	2	2	
5	Agra	74 MLD	1	1	1	

Showing 1 to 5 of 5 entries

View the list of sub pumping stations

List of sub pumping stations with their details

Sn	Pumping Station	Drain	Sewer Length(K.M.)	PeakDesigned Discharge	PeakDesigned Factor
1	LKO Main	LKO	2.00	15	15
2	Lucknow	14 MLD	1	1	1
3	Lucknow	345 MLD Lucknow	2	2	2
4	Lucknow	42 MLD Lucknow	2	2	2
5	Agra	74 MLD	1	1	1

g. MoM:

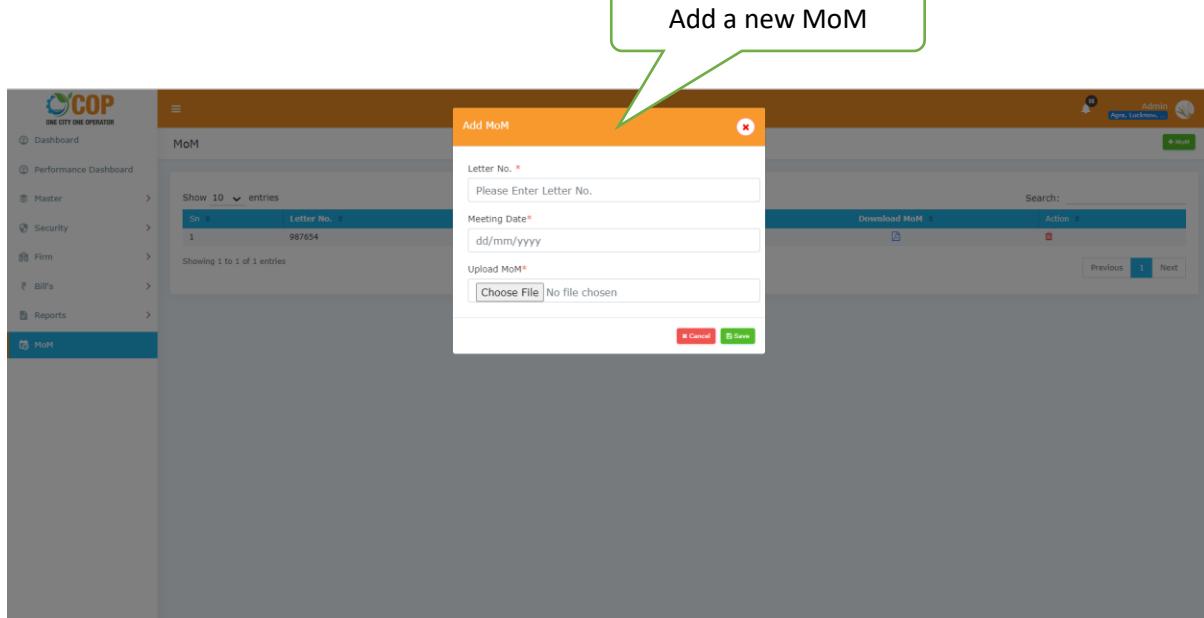
Add a new MoM

List of MoM with their meeting dates and pdf

Documents of that particular MoM

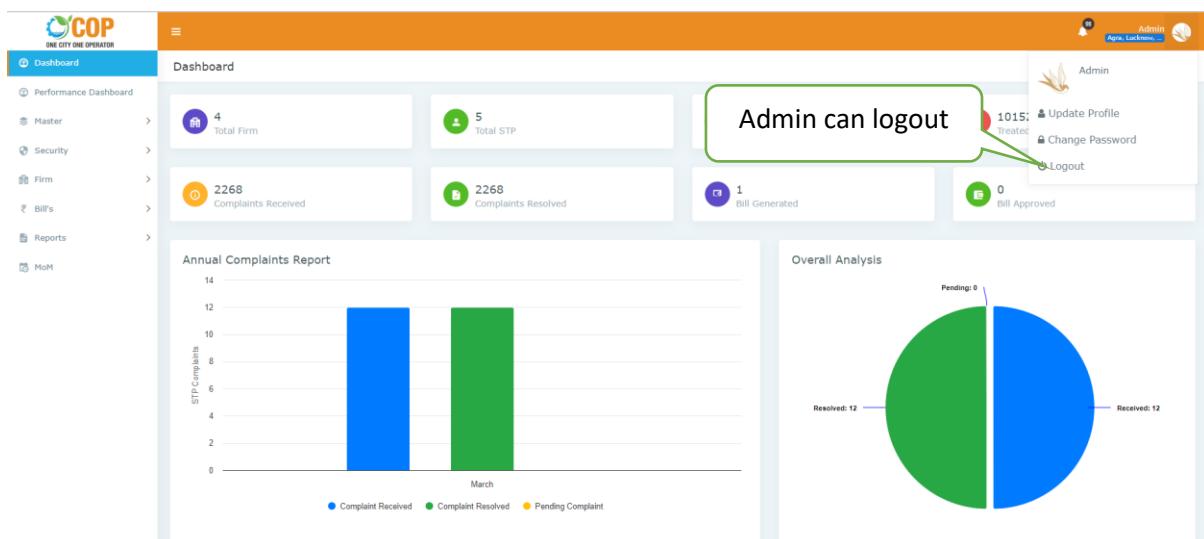
Delete the record

Sn	Letter No.	Meeting Date	Download MoM	Action
1	987654	09/01/2024	Download MoM	Delete



- ❖ MOM stands for Minutes of Meeting.

h. Logout:



5. CONCLUSION

In conclusion, the One City One Operator (OCOP) project represents a transformative approach to sewage infrastructure management, addressing critical challenges faced by growing cities. By integrating network and sewage treatment plant management under long-term contracts, OCOP establishes a new benchmark for efficiency and accountability.

The anticipated benefits, including prompt equipment replacement through the Major Replacement Fund, a 24/7 customer care center for enhanced service, and the incorporation of innovative technologies, position OCOP as a model for sustainable and reliable sewage infrastructure.

As we move forward, embracing the OCOP model not only ensures better coordination and improved water quality, particularly along rivers like the Ganga, but also underscores our commitment to innovation, environmental stewardship, and the overall well-being of our communities.

The success of OCOP hinges on the collaboration of all users, and we encourage everyone to actively participate in its implementation. Together, we can revolutionize sewage infrastructure management, setting a standard for efficiency, reliability, and environmental sustainability.