



Works & Accounts Management Information System (WAMIS)

सी डैक
CDAC

User Manual



Works Management and Billing System



Government of Odisha

**Works Management &
Billing System**

**User Manual
Version 2.0**

Prepared By

**Centre For Development of Advanced Computing
e-Governance Solutions Group
Pune**

Works & Billing System

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Works & Billing System

1. Introduction

The Works & Billing System is developed by Center for Development of Advanced Computing (C-DAC) for different Engineering Department like Rural Development, Roads & Building, Water Resource and Housing & Urban Development, Government of Odisha.

The system is developed with the aim of computerizing all the activities related to RD, R&B, Water Resource and HUD Department across the Odisha State. It is a very comprehensive application deployed at centralized location and addresses all the activities carried out by Technical Section at the Divisional Offices. The system is interlinked with the other modules like Accounts and Budget Management System for extracting and producing the data.

The system has 'Graphical User Interface' which facilitates easy operations. The system authenticates the user and after successful authentication an interface is shown with navigation options on left hand side. The interface has links for navigation through records and screens, buttons to save/update/delete the records, shortcut keys for buttons, help-text for icons, context sensitive help for all the screens. Appropriate messages for errors, successful operations and failed operations are displayed. Guidelines are given at appropriate stages. Selection lists are provided wherever appropriate to reduce typographical errors. And it is consistent with the standard user interface.

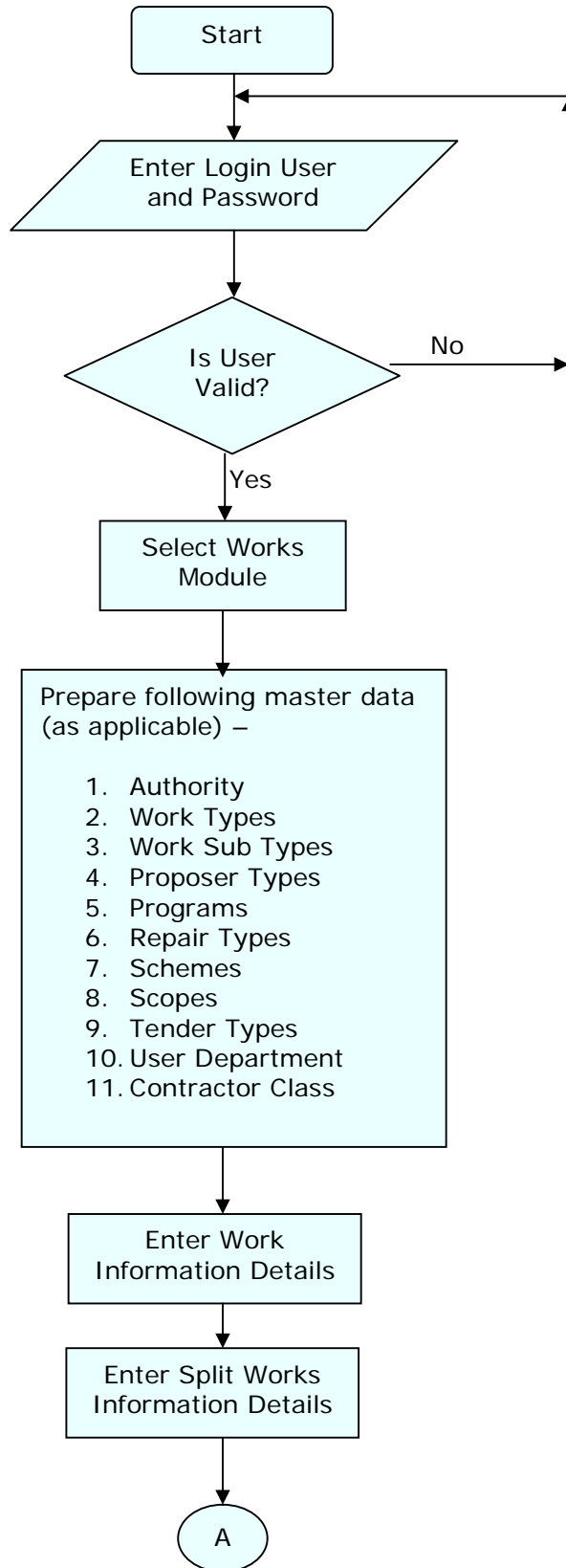
2. Objective

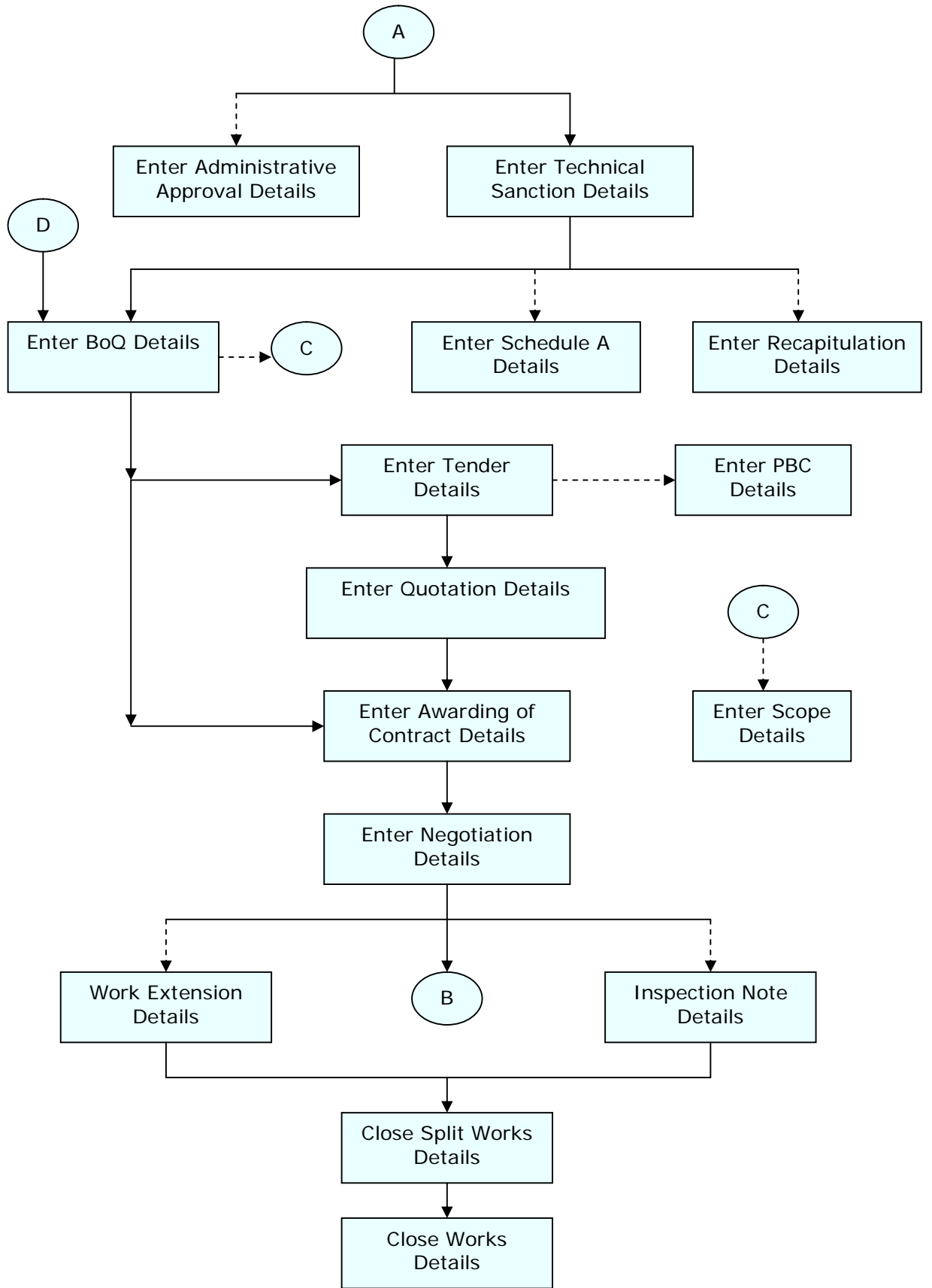
It facilitates Divisional Offices to enter and monitor the different Works from initiation to execution of the work. Also progress of on going works and completed works executed by that office are maintained.

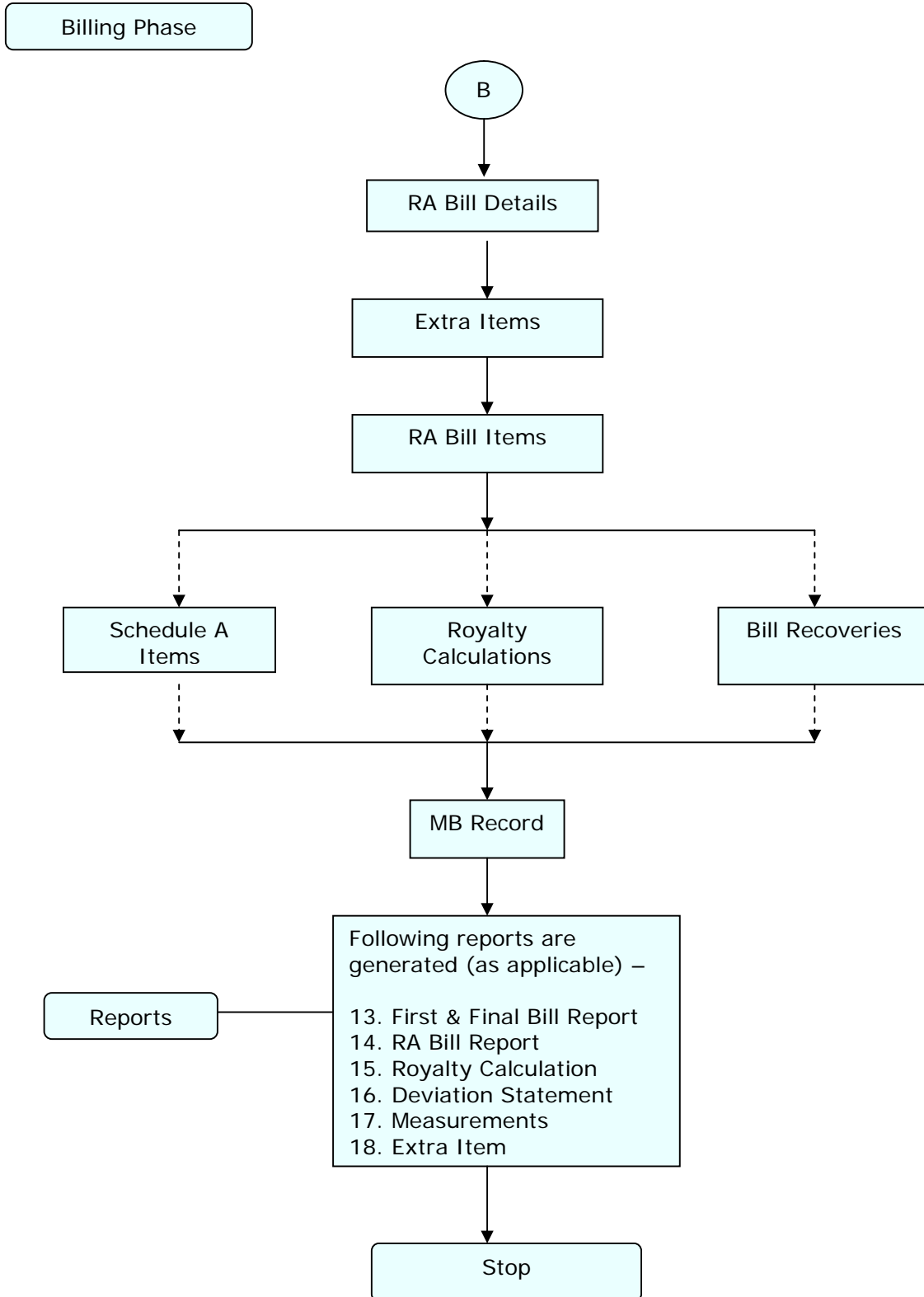
3. Functionalities

- Login
- Add, Edit, Delete Master data for works.
- Add, Edit, Delete, Filter for the works.
- Add, Edit, Delete and various transactions for Administrative Approvals, Technical Sanction, BoQ, Tendering, Quotations, Awarding, Negotiation and Execution of Works.
- Show, Export functionalities for various Work reports.

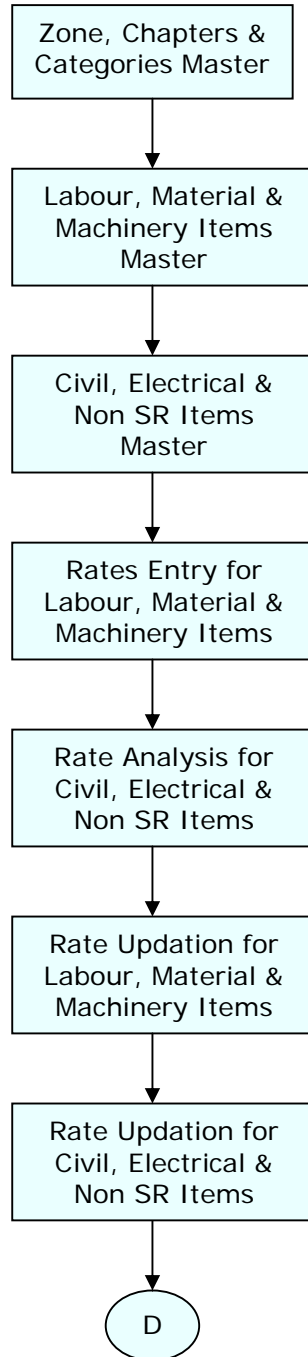
4. Flow Diagram







Schedule of Rates



5. Login

Logon with login credentials provided for the concerned users for each office. The link provided acts as the entry point for the Works & Billing System.

For login the screen is displayed as shown below.

**Works and Accounts Management Information System (WAMIS)
Government of Odisha**

Member Log-In

Enter a valid Username and Password. Then click the "Login" button to access the Online Monitoring Tool.

Login Panel

Username

Password

Powered by C-DAC, Pune

Figure 1: Login Screen

Enter the username and password in the fields provided for login.

On successful login the main screen is displayed with various modules available for the user. Links for the screens/modules are enabled only for the users who have rights on the respective screens/modules; the other screens/modules for which the user doesn't have rights will be disabled. The screen is displayed as shown below.



Figure 2: Home screen

After clicking on any link in the Works, Billing or Schedule of Rates module, the user is directed to the corresponding module with navigation links on left side. The sample screen is displayed as shown below.

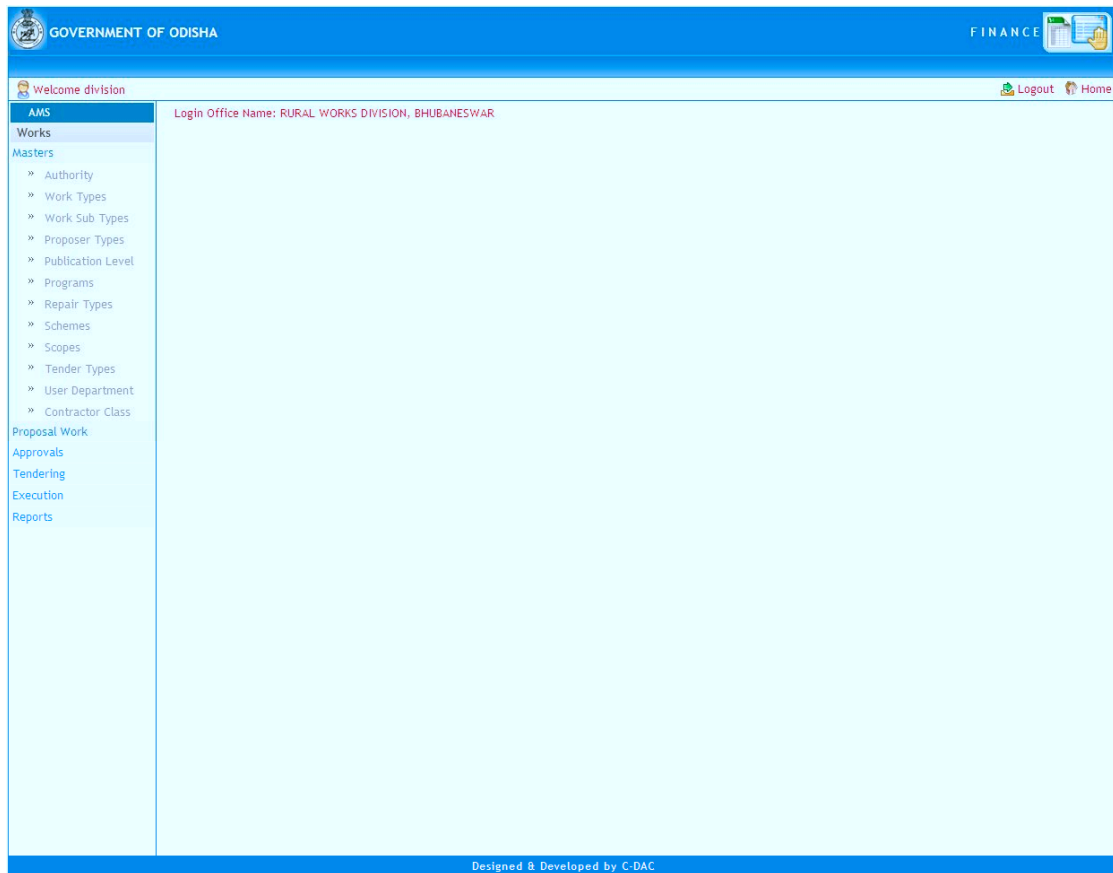


Figure 3: Main screen for Works

The logged in Username and Office name are displayed to the user.

User can click on any link available on left side under 'Works' module to start using the application.

To select any other module, click on the link 'Home' where different modules for the user are displayed.

To logout from the application, click on the link 'Logout'.

6. Master Data

To start using the 'Works' application the user has to first enter the Master details like Authority, Work Types, Work Sub Types, Proposer Types, Publication Level, Programs, Repair Types, Schemes, Scopes, Tender Types, User Department, Contractor Class etc. as applicable.

6.1. Authority

By selecting [Works](#) → [Masters](#) → [Authority](#), displays the "Authority" Master screen. This screen is used to create the various approving authorities.

The screen is shown as below:

AUTHORITY			
Sr.No.	Authority Name	Edit	Delete
1	Assistant Engineer		
2	Chief District Medical Officer		
3	Chief Engineer		
4	Collector		
5	Executive Engineer		
6	Junior Engineer		
7	Revenue Divisional Commissioner		
8	Superintending Engineer		

Figure 4: Authority Screen

AUTHORITY			
Sr.No.	Authority Name	Edit	Delete
1	Assistant Engineer		
2	Chief District Medical Officer		
3	Chief Engineer		
4	Collector		
5	Executive Engineer		
6	Junior Engineer		
7	Revenue Divisional Commissioner		
8	Superintending Engineer		

ADD RECORD

Fields marked with an asterisk * are required.

Authority Name *

Figure 5: Authority Entry Screen

Field Description:

Authority Name: Provide the name of Authority

Note: 1) To add new entry click on the "Add" button.

2) To edit the details click on the "Edit" link.

3) To save the modified values click on the "Update" button.

4) To cancel the entry or the modification click on the "Cancel" link.

5) To delete the entry click on the "Delete" link.

6) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

6.2. Work Types

By selecting [Works](#) → [Masters](#) → [Work Types](#), displays the “Work Types” Master screen. This screen is used to create the various Work Types.

The screen is shown as below:





































WORK TYPES			
Sr.No.	Work Type	Edit	Delete
1	Bridges		
2	Buildings		
3	Pipe Water		
4	Road		
5	RW Others		
6	RWSS Others		
7	Salary		
8	Tube Wells		
9	Water Supply		

Figure 6: Work Types Screen

WORK TYPES			
Sr.No.	Work Type	Edit	Delete
1	Bridges		
2	Buildings		
3	Pipe Water		
4	Road		
5	RW Others		
6	RWSS Others		
7	Salary		
8	Tube Wells		
9	Water Supply		

ADD RECORD

Fields marked with an asterisk * are required.

Work Type *

Figure 7: Work Types Entry Screen

Field Description:

Work Type: Provide the type of Work

Note: 1) To add new entry click on the "Add" button.

2) To edit the details click on the "Edit" link.

3) To save the modified values click on the "Update" button.

4) To cancel the entry or the modification click on the "Cancel" link.

5) To delete the entry click on the "Delete" link.

6) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

6.3. Work Sub Types

By selecting [Works](#) → [Masters](#) → [Work Sub Types](#), displays the “Work Sub Types” Master screen. This screen is used to create the various Work Sub Types.

The screen is shown as below:

WORK SUB TYPES				
Sr.No.	Work Sub Type	Work Type	Edit	Delete
1	Long Bridge	Bridges		
2	Major Bridge	Bridges		
3	Minor Bridge	Bridges		
4	Others	Bridges		
5	Administrative Building	Buildings		
6	Commercial Building	Buildings		
7	Court Building	Buildings		
8	Hospital Building	Buildings		
9	Others	Buildings		
10	Police Station	Buildings		
11	Residential Building	Buildings		
12	School Building	Buildings		
13	Others	Pipe Water		
14	Pipe Waters	Pipe Water		
15	Express Highway	Road		
16	Major District Road	Road		
17	Major State Highway	Road		
18	National Highway	Road		
19	Other District Road	Road		
20	Others	Road		

« 1 2 »

Add

Figure 8: Work Sub Types Screen

WORK SUB TYPES				
Sr.No.	Work Sub Type	Work Type	Edit	Delete
1	Long Bridge	Bridges		
2	Major Bridge	Bridges		
3	Minor Bridge	Bridges		
4	Others	Bridges		
5	Administrative Building	Buildings		
6	Commercial Building	Buildings		
7	Court Building	Buildings		
8	Hospital Building	Buildings		
9	Others	Buildings		
10	Police Station	Buildings		
11	Residential Building	Buildings		
12	School Building	Buildings		
13	Others	Pipe Water		
14	Pipe Waters	Pipe Water		
15	Express Highway	Road		
16	Major District Road	Road		
17	Major State Highway	Road		
18	National Highway	Road		
19	Other District Road	Road		
20	Others	Road		

ADD RECORD

Fields marked with an asterisk * are required.

Work Type *

Work Sub Type *

Sub Type Code *

Figure 9: Work Sub Types Entry Screen

Field Description:

Work Type: Select the type of Work

Work Sub Type: Enter the sub type of work type

Sub Type Code: Enter the code for sub work type

Note: 1) To add new entry click on the "Add" button.

2) To edit the details click on the "Edit" link.

3) To save the modified values click on the "Update" button.

4) To cancel the entry or the modification click on the "Cancel" link.

5) To delete the entry click on the "Delete" link.

6) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

6.4. Proposer Types

By selecting [Works](#) → [Masters](#) → [Proposer Types](#), displays the “Proposer Types” Master screen. This screen is used to create the various Proposer Types.

The screen is shown as below:

PROPOSER TYPES			
Sr.No.	Proposer Type	Edit	Delete
1	C.M		
2	M.L.A		
3	M.P		
4	Minister		
5	Other		
6	Social Worker		

Figure 10: Proposer Types Screen

PROPOSER TYPES			
Sr.No.	Proposer Type	Edit	Delete
1	C.M		
2	M.L.A		
3	M.P		
4	Minister		
5	Other		
6	Social Worker		

ADD RECORD

Fields marked with an asterisk * are required.

Proposer Name *

Figure 11: Proposer Types Entry Screen

Field Description:

Proposer Name: Provide the name of the proposer

Note: 1) To add new entry click on the "Add" button.
2) To edit the details click on the "Edit" link.
3) To save the modified values click on the "Update" button.
4) To cancel the entry or the modification click on the "Cancel" link.
5) To delete the entry click on the "Delete" link.
6) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

6.5. Programs

By selecting [Works](#) → [Masters](#) → [Programs](#), displays the “Programs” Master screen. This screen is used to create the various Programs for non-plan works.

The screen is shown as below:

PROGRAMS			
Sr.No.	Program Name	Edit	Delete
1	Current Repairs		
2	Special Repairs		
3	Specified Repairs		

Figure 12: Programs Screen

PROGRAMS			
Sr.No.	Program Name	Edit	Delete
1	Current Repairs		
2	Special Repairs		
3	Specified Repairs		

ADD RECORD

Fields marked with an asterisk * are required.

Program Name *

Figure 13: Programs Entry Screen

Field Description:

Program Name: Provide the name of Program

Note: 1) To add new entry click on the "Add" button.

2) To edit the details click on the "Edit" link.

3) To save the modified values click on the "Update" button.

4) To cancel the entry or the modification click on the "Cancel" link.

5) To delete the entry click on the "Delete" link.

6) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

6.6. Repair Types

By selecting [Works](#) → [Masters](#) → [Repair Types](#), displays the “Repair Types” Master screen. This screen is used to create the various repair Types under programs for non-plan works.

The screen is shown as below:

REPAIR TYPES				
Sr.No.	Repair Description	Program Type	Edit	Delete
1	Color washing, distempering and patch painting of walls, doors and windows	Current Repairs		
2	Maintenance of electrical fittings and fixtures	Current Repairs		
3	Misc. Items of similar nature	Current Repairs		
4	Monsoon protection such as bamboo matting etc.	Current Repairs		
5	Repairs to Fixtures and fastennings of doors and windows	Current Repairs		
6	Repairs to floors	Current Repairs		
7	Repairs to Frames and shutters of doors and windows	Current Repairs		
8	Repairs to plaster, pointing	Current Repairs		
9	Repairs to roofs such as turning tiles, replacement of tiles, attending to leakages, water proofing etc	Current Repairs		
10	Repairs to sanitary and water supply fittings	Current Repairs		
11	Drainage improvements including provision of gutters around the plinth where required	Special Repairs		
12	Guniting and corrosion protection	Special Repairs		
13	Plinth protection work if building is situated on B.C. Soil strata	Special Repairs		
14	Reconstruction of old cracked/decayed brick pillars/walls	Special Repairs		
15	Renewal of damage flooring	Special Repairs		
16	Renewal of decayed doors and windows	Special Repairs		
17	Renewal of Electrical Wiring which has outlived its life	Special Repairs		
18	Renewal of old dilapidated roof with M. Tiles, A.C. sheet etc.	Special Repairs		
19	Replacement of motors, pumps, hoists etc. which have outlived its economical life	Special Repairs		
20	Replastering of external walls that are wet due to leakages	Special Repairs		

« 1 2 »

Add

Figure 14: Repair Types Screen

REPAIR TYPES				
Sr.No.	Repair Description	Program Type	Edit	Delete
1	Color washing,distemping and patch painting of walls, doors and windows	Current Repairs		
2	Maintenance of electrical fittings and fixtures	Current Repairs		
3	Misc. Items of similar nature	Current Repairs		
4	Monsoon protection such as bamboo matting etc.	Current Repairs		
5	Repairs to Fixtures and fastennings of doors and windows	Current Repairs		
6	Repairs to floors	Current Repairs		
7	Repairs to Frames and shutters of doors and windows	Current Repairs		
8	Repairs to plaster, pointing	Current Repairs		
9	Repairs to roofs such as turning tiles,replacement of tiles,attending to leakages,water proofing etc	Current Repairs		
10	Repairs to sanitary and water supply fittings	Current Repairs		
11	Drainage improvements including provision of gutters around the plinth where required	Special Repairs		
12	Guniting and corrossion protection	Special Repairs		
13	Plinth protection work if building is situated on B.C. Soil strata	Special Repairs		
14	Reconstruction of old cracked/decayed brick pillars/walls	Special Repairs		
15	Renewal of damage flooring	Special Repairs		
16	Renewal of decayed doors and windows	Special Repairs		
17	Renewal of Electrical Wiring which has outlived its life	Special Repairs		
18	Renewal of old dilapatedated roof with M.Tiles, A.C. sheet etc.	Special Repairs		
19	Replacement of motors,pumps,hoists etc. which have outlived its economical life	Special Repairs		
20	Replastering of external walls that are wet due to leakages	Special Repairs		

ADD RECORD

Fields marked with an asterisk * are required.

Program Name *

Repair Description

Figure 15: Repair Types Entry Screen

Field Description:

Program Name: Select the program name

Repair Description: Provide the description of Repair types

Note: 1) To add new entry click on the "Add" button.

2) To edit the details click on the "Edit" link.

3) To save the modified values click on the "Update" button.

4) To cancel the entry or the modification click on the "Cancel" link.

5) To delete the entry click on the "Delete" link.

6) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

6.7. Schemes

By selecting [Works](#) → [Masters](#) → [Schemes](#), displays the “Schemes” Master screen. This screen is used to create the various Schemes under which works are executed.

The screen is shown as below:

Sr.No.	Scheme Description	Sponsor Name	Edit	Delete
1	Ashwasit Jawahar Rojgar Yojana	Central		
2	Budgeted Buildings	Central		
3	Budgeted Roads & Bridges	Central		
4	Central Road Fund	Central		
5	Centrally Aided Scheme	Central		
6	Collector	Central		
7	CWA	Central		
8	Deposit Works	Central		
9	District Level Scheme	Central		
10	Employment Gaurantee Scheme	Central		
11	Finance Comission Award	Central		
12	Jawahar Rojgar Yojana	Central		
13	Khasdar Nidhi Programme	Central		
14	Local Development Programme (Amdar Nidhi)	Central		
15	Local Fund (ZP)	Central		
16	M&E Wages Salaries	Central		
17	Maintenance Under Critical	Central		
18	Maintenance under Plan Scheme (upto 10 Plan)	Central		
19	Maintenance Works	Central		
20	Maintenance Works Wages Salaries	Central		

Navigation: 1 2 >> >>> Add

Figure 16: Schemes Screen

Choose Sponsor: --Select-- Scheme Description: Filter Clear

SCHEMES				
Sr.No.	Scheme Description	Sponsor Name	Edit	Delete
1	Ashwasit Jawahar Rojgar Yojana	Central		
2	Budgeted Buildings	Central		
3	Budgeted Roads & Bridges	Central		
4	Central Road Fund	Central		
5	Centrally Aided Scheme	Central		
6	Collector	Central		
7	CWA	Central		
8	Deposit Works	Central		
9	District Level Scheme	Central		
10	Employment Gaurantee Scheme	Central		
11	Finance Comission Award	Central		
12	Jawahar Rojgar Yojana	Central		
13	Khasdar Nidhi Programme	Central		
14	Local Development Programme (Amdar Nidhi)	Central		
15	Local Fund (ZP)	Central		
16	M&E Wages Salaries	Central		
17	Maintenance Under Critical	Central		
18	Maintenance under Plan Scheme (upto 10 Plan)	Central		
19	Maintenance Works	Central		
20	Maintenance Works Wages Salaries	Central		

ADD RECORD

Fields marked with an asterisk * are required.

Sponsor Name:

Scheme Description: *

Save Cancel

Figure 17: Schemes Entry Screen

Field Description:

Sponsor Name: Select the Sponsor name

Scheme Description: Provide the description for Scheme

Note: 1) To add new entry click on the "Add" button.

2) To edit the details click on the "Edit" link.

3) To save the modified values click on the "Update" button.

4) To cancel the entry or the modification click on the "Cancel" link.

5) To delete the entry click on the "Delete" link.

6) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

6.8. Scopes

By selecting [Works](#) → [Masters](#) → [Scopes](#), displays the “Scopes” Master screen. This screen is used to create the Scopes for various work types.

The screen is shown as below:

The screenshot shows the 'Scopes' Master screen. At the top, there is a 'Choose Work Type' dropdown menu set to '--Select--' and a 'Scope Description' text input field. To the right of these are 'Filter' and 'Clear' buttons. Below this is a table titled 'SCOPES' with the following data:

Sr.No.	Work Type	Scope Description	Unit Description	Edit	Delete
1	Bridges	Excavation	Cubic Meters		
2	Buildings	Chairs	Numbers		
3	Buildings	Doors	Numbers		
4	Buildings	Tiles	Numbers		
5	Buildings	Windows	Numbers		
6	Road	Cement Concrete	Cubic Meters		
7	Road	EarthWork	Cubic Meters		
8	Water Supply	PipeLaying	RM		

At the bottom left of the table area, there is an 'Add' button.

Figure 18: Scopes Screen

The screenshot shows the 'Scopes Entry' screen. It has the same top navigation as Figure 18. Below the table, there is a section titled 'ADD RECORD' with a red warning message: 'Fields marked with an asterisk * are required.' The form contains three fields, each with an asterisk:

- Work Type: dropdown menu set to '--Select--'
- Scope Description: text input field
- Unit: dropdown menu set to '--Select--'

At the bottom of the form are 'Save' and 'Cancel' buttons.

Figure 19: Scopes Entry Screen

Field Description:

Work Types: Select the type of work

Scope Description: Provide the description for Scope

Unit: Select the unit type

Note: 1) To add new entry click on the "Add" button.

2) To edit the details click on the "Edit" link.

3) To save the modified values click on the "Update" button.

4) To cancel the entry or the modification click on the "Cancel" link.

5) To delete the entry click on the "Delete" link.

6) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

6.9.Tender Types

By selecting [Works](#) → [Masters](#) → [Tender Types](#), displays the “Tender Types” Master screen. This screen is used to create the various Tender Types.

The screen is shown as below:

TENDER TYPES				
Sr.No.	Tender Name	Tender Type	Edit	Delete
1	F2	Item Rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	G2	Percent Rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	H2	Item Rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	K2	Item Rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	P1/F2	Percent Rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Figure 20: Tender Types Screen

TENDER TYPES				
Sr.No.	Tender Name	Tender Type	Edit	Delete
1	F2	Item Rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	G2	Percent Rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	H2	Item Rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	K2	Item Rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	P1/F2	Percent Rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ADD RECORD	
Fields marked with an asterisk * are required.	
Tender Name	<input type="text"/> *
Tender Type	--Select-- *
<input type="button" value="Save"/>	<input type="button" value="Cancel"/>

Figure 21: Tender Types Entry Screen

Field Description:

Tender Name: Provide the name of tender type

Tender Type: Select the type of tender

Note: 1) To add new entry click on the "Add" button.

2) To edit the details click on the "Edit" link.

3) To save the modified values click on the "Update" button.

4) To cancel the entry or the modification click on the "Cancel" link.

5) To delete the entry click on the "Delete" link.

6) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

6.10. User Department

By selecting [Works](#) → [Masters](#) → [User Department](#), displays the “User Department” Master screen. This screen is used to create departments for which the works are executed.

The screen is shown as below:

USER DEPARTMENT				
Sr.No.	User Department Name	Demand Number	Edit	Delete
1	Agriculture			
2	Education			
3	Forest			
4	Health			
5	Home			
6	Public Works			
7	Revenue			
8	Rural			
9	Water Resources			

Figure 22: User Department Screen

USER DEPARTMENT				
Sr.No.	User Department Name	Demand Number	Edit	Delete
1	Agriculture			
2	Education			
3	Forest			
4	Health			
5	Home			
6	Public Works			
7	Revenue			
8	Rural			
9	Water Resources			

ADD RECORD

Fields marked with an asterisk * are required.

User Department Name * Demand Number *

Figure 23: User Department Screen

Field Description:

User Department Name: Provide the name of user department

Demand Number: Enter the Demand number for user Department

Note: 1) To add new entry click on the "Add" button.

2) To edit the details click on the "Edit" link.

3) To save the modified values click on the "Update" button.

4) To cancel the entry or the modification click on the "Cancel" link.

5) To delete the entry click on the "Delete" link.

6) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

6.11. Contractor Class

By selecting [Works](#) → [Masters](#) → [Contractor Class](#), displays the “Contractor Class” Master screen. This screen is used to create the Contractor class.

The screen is shown as below:

CONTRACTOR CLASS			
Sr.No.	Contractor Class	Edit	Delete
1	A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	B	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	C	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	D	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Special	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Super	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Figure 24: Contractor Class Screen

CONTRACTOR CLASS			
Sr.No.	Contractor Class	Edit	Delete
1	A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	B	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	C	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	D	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Special	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Super	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ADD RECORD

Fields marked with an asterisk * are required.

Contractor Class *

Figure 25: Contractor Class Entry Screen

Field Description:

Contractor Class: Enter the class of contractor

Note: 1) To add new entry click on the "Add" button.

2) To edit the details click on the "Edit" link.

3) To save the modified values click on the "Update" button.

4) To cancel the entry or the modification click on the "Cancel" link.

5) To delete the entry click on the "Delete" link.

6) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

7. Proposal Work

7.1. Work Info

By selecting [Works](#) → [Proposal Work](#) → [Work Info](#), “Work Info” screen is displayed which shows all the Works for the current logged-in division.

The screen is shown as below:

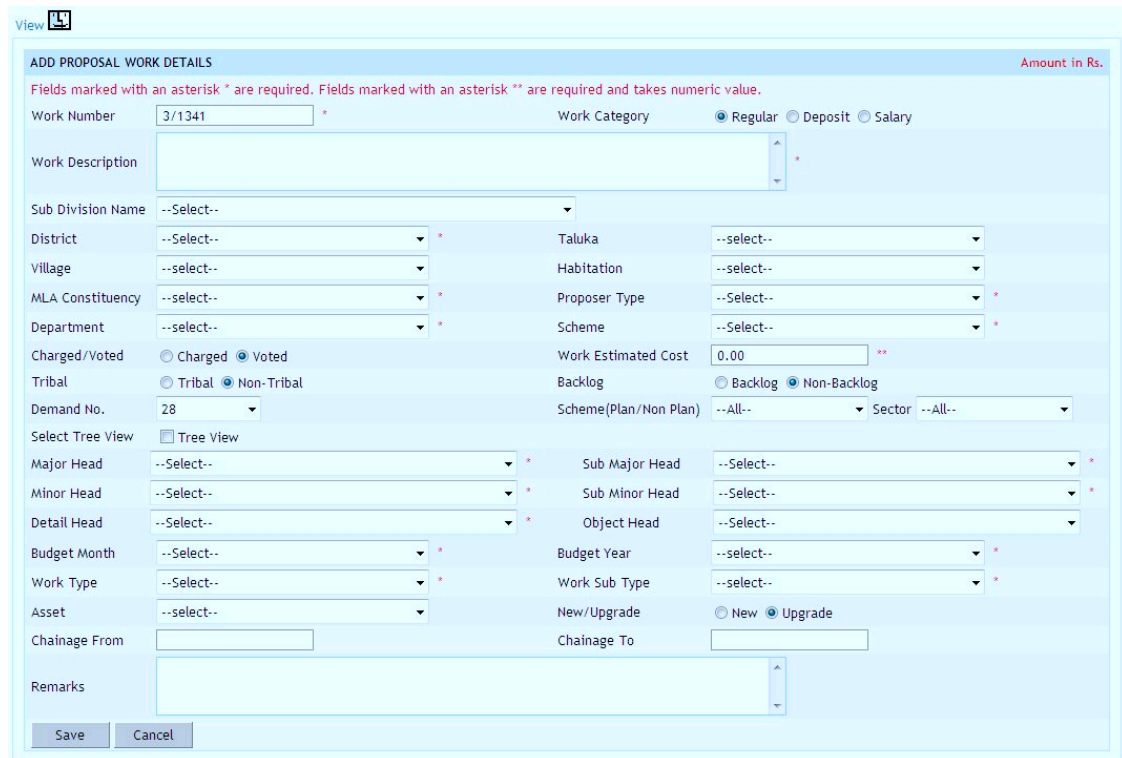


Figure 26: Work Information Entry Screen



Sr.No	Work No.	Work Description	Heads Classification	Category	Work Type	Edit	Delete
1	3/01101	Nandankanan to Raghunathpur village road under 21152	28/3054/NP/04/337/1230/21152/-	Regular	Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	3/01100	R. I. Office building at Majhahara under 4059-789	28/4059/SP/SS/01/789 /2149/37114/-	Regular	Buildings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	3/01099	Makundadaspur Pallasahi road under CWA 789	28/5054/SP/DS/04/789/0906/37107/-	Regular	Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	3/01097	N.H.203 to Sisupalgarh road under CWA 789	28/5054/SP/DS/04/789/0906/37107/-	Regular	Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	3/01098	Rambhabill Olasing road under CWA 789	28/5054/SP/DS/04/789/0906/37107/-	Regular	Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	3/01096	Construction of New Tahasil Office Building at Bolagarh in the District of Khurda	28/4059/SP/SS/01/051/2149/37114/-	Regular	Buildings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	3/01093	Atri Dalatola road under 21033	28/3054/NP/04/337/1230/21033/-	Regular	Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Figure 27: Work Information Screen

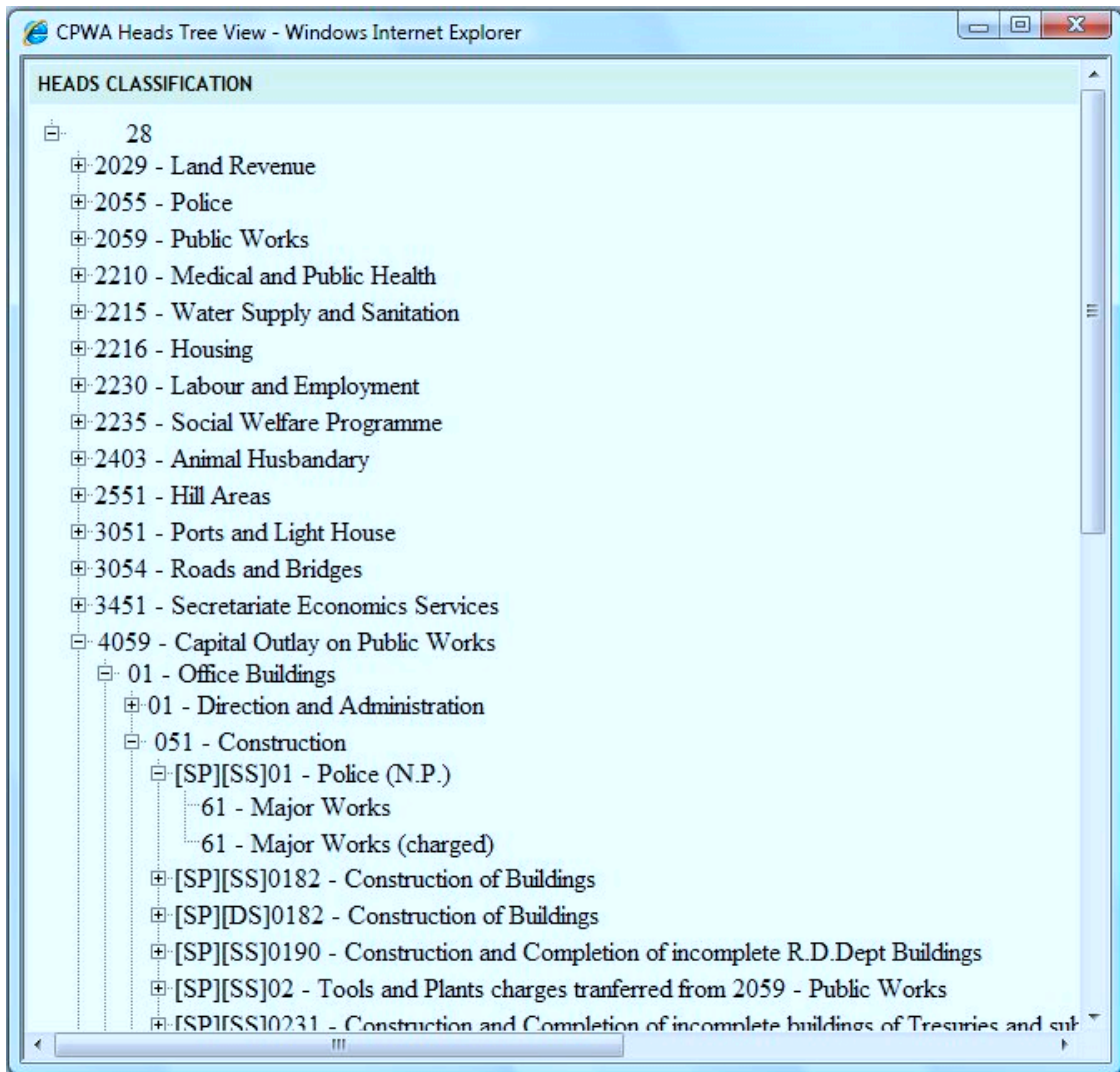


Figure 28: Heads Selection Screen

Field Description:

Work Number: Enter a unique Work Number for the work to be added. Default auto generated number will be shown to the user.

Work Category: Select the category of work to be added as Regular/Deposit/Salary.

Work Description: Enter the name of the Work.

Sub Division Name: Select the Sub Division Office executing the work.

District: Select the District for the work to be added.

Taluka: Select the Taluka for the work to be added.

Village: Select the Village for the work to be added.

Habitation: Select the Habitation for the work to be added.

MLA Constituency: Select the MLA Constituency for the work to be added.

Proposer Type: Select the Proposer Type who has given the work.

Department: Select the Department Name from which the work has come.

Scheme: Select the Scheme under which the work is to be executed

Work Estimated Cost: Enter the estimated cost for the work.

Charged/Voted: Select Charged/Voted for the work.

Tribal/Non-Tribal: Select the Tribal/Non-Tribal for the work.

Backlog: Select the Backlog/Non-Backlog for the work.

Demand Number: Select the Demand Number under which the Budget is allocated

Scheme: Select the Scheme as CSP/SP/CP/NP

Sector: Select the Sector as State/District for CSP/SP/CP

Heads: Select the Budget Heads under which the budget is allocated from the Dropdowns or through Tree view.

Budget Month: Select the Budget Month for the Work

Budget Year: Select the Budget Year for the Work

Program Name: Select the Program Name for the Non-Plan Work

Repair Type: Select the Repair Type for the Non-Plan Work

Work Type: Select the Work Type as Roads/Buildings/Bridges etc

Work Sub Type: Select the Work Sub Type as NH/SH/Admin/Office etc

Asset: Select the Asset Name for which the Work is being created

New/Upgrade/Maintenance: Select whether it's a New/Upgrade/Maintenance Work

Chainage From: Enter the start chainage of the work

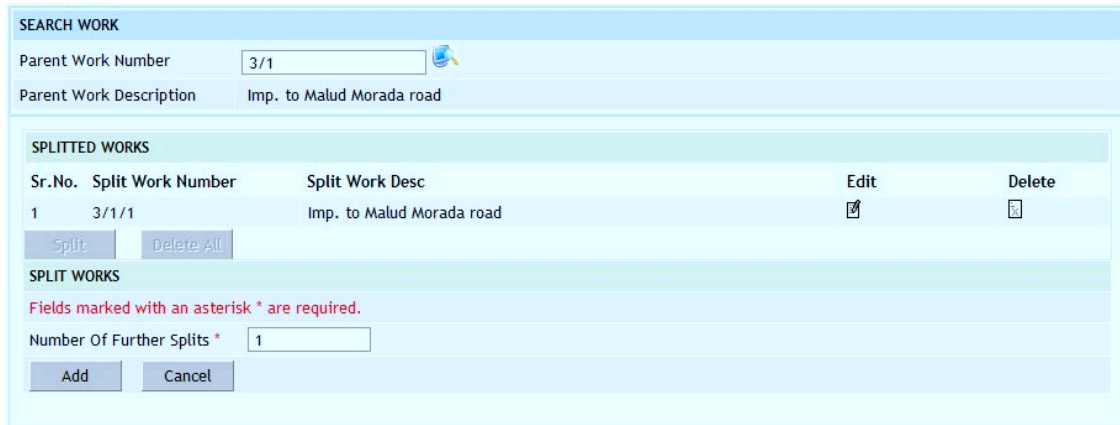
Chainage To: Enter the end chainage of the work

Remarks: Enter the remarks if any


- Note: 1) To add new entry click on the “Add” button.
- 2) To edit the details click on the “Edit” link.
- 3) To save the entered values click on the “Save” button.
- 4) To save the modified values click on the “Update” button.
- 5) To cancel the entry or the modification click on the “Cancel” button.
- 6) To delete the entry click on the “Delete” link.
- 7) To view the list of Works click on the “View” link.
- 8) To filter the details of the Works based on “Choose Head” and/or “Work Description” click on “Filter” button to filter data and “Clear” button to clear filter.
- 9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

7.2. Work Splitting

By selecting [Works](#) → [Proposal Work](#) → [Work Splitting](#), “Work Splitting” screen is displayed which shows the list of splitted works for the selected work or we can provide the number of further splits.





SEARCH WORK

Parent Work Number: 

Parent Work Description: Imp. to Malud Morada road

SPLITTED WORKS

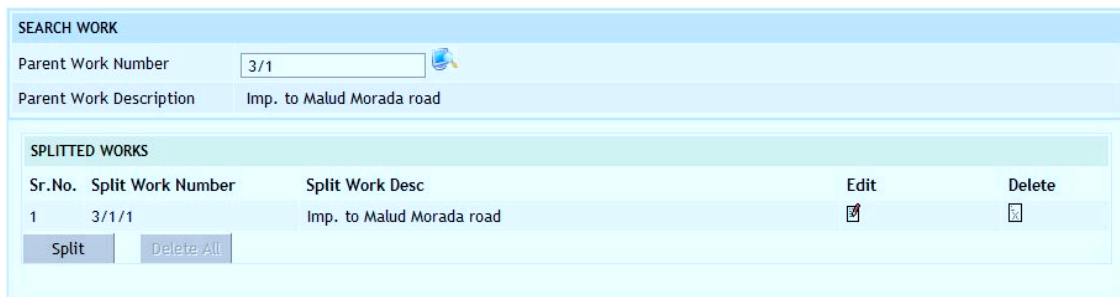
Sr.No.	Split Work Number	Split Work Desc	Edit	Delete
1	3/1/1	Imp. to Malud Morada road		

SPLIT WORKS


Fields marked with an asterisk * are required.

Number Of Further Splits *

Figure 29: Split Works Entry Screen



SEARCH WORK

Parent Work Number: 

Parent Work Description: Imp. to Malud Morada road

SPLITTED WORKS



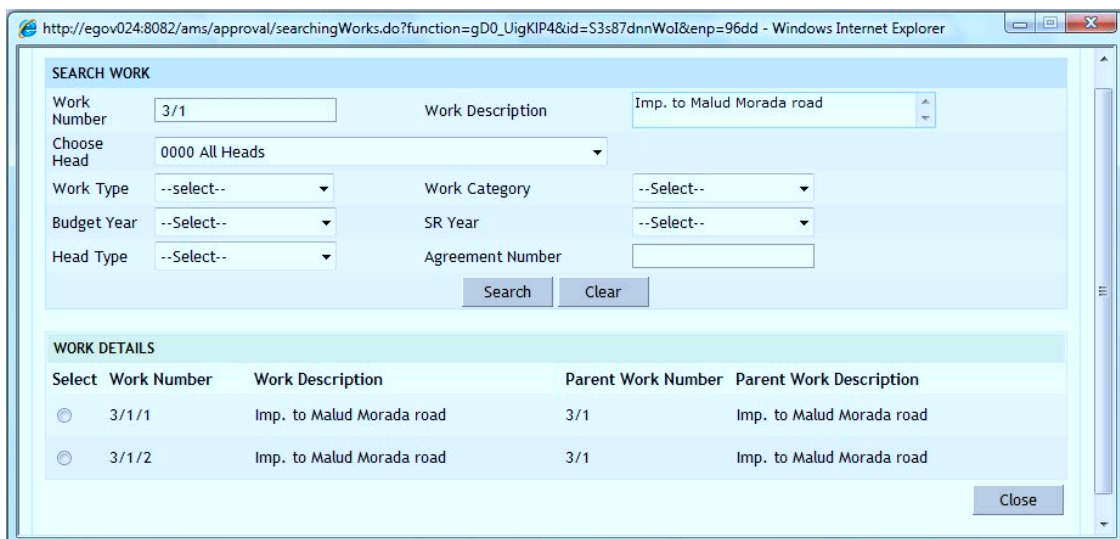
Sr.No.	Split Work Number	Split Work Desc	Edit	Delete
1	3/1/1	Imp. to Malud Morada road		

Figure 30: Split Works Information Screen



http://egov024:8082/ams/approval/searchingWorks.do?function=gD0_UigKIP4&id=S3s87dnnWol&enp=96dd - Windows Internet Explorer

SEARCH WORK

Work Number: Work Description: Imp. to Malud Morada road

Choose Head: 0000 All Heads

Work Type: --select-- Work Category: --Select--

Budget Year: --Select-- SR Year: --Select--

Head Type: --Select-- Agreement Number:

WORK DETAILS

Select	Work Number	Work Description	Parent Work Number	Parent Work Description
<input type="radio"/>	3/1/1	Imp. to Malud Morada road	3/1	Imp. to Malud Morada road
<input type="radio"/>	3/1/2	Imp. to Malud Morada road	3/1	Imp. to Malud Morada road

Figure 31: Works Search Screen

Field Description:

Split Work Number: Displays the Split Work Number auto-generated based on the entry of the Parent Work Number

Split Work Desc: Displays the Split Work Description as entered in the Parent Work Description to be updated as per requirement

Number of Further Splits: Enter number of further splits required for work

Note: 1) To add new entry click on the "Split" button.

2) To edit the details click on the "Edit" link.

3) To save the modified values click on the "Update" button.

4) To cancel the entry or the modification click on the "Cancel" link.

5) To delete the entry click on the "Delete" link.

6) To delete all the split Works entries click on the "Delete All" button.

7) To view the list of split Works select the Work through search screen.

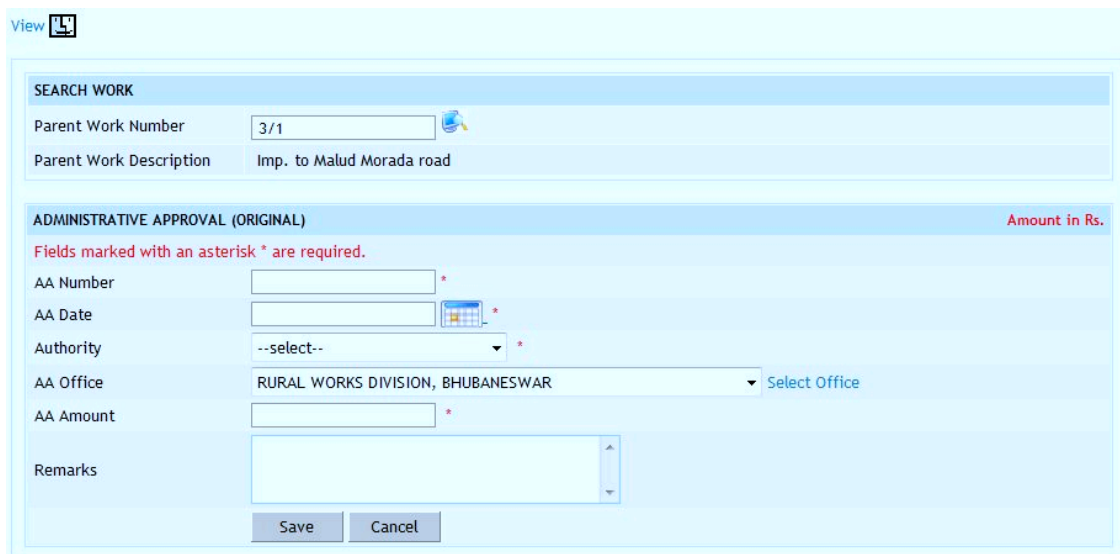
8) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.


8. Approvals

8.1.AA Details


Selecting [Works -> Approvals -> AA Details](#), displays 'AA Details' screen. This is the Screen for filling Administrative Approval Details for the selected work.

The Administrative Approvals for each work can be entered through this screen. The first entry is considered as the 'Original' Administrative Approval and subsequently the rest of the entries are considered as 'Revised' approvals.



View 

SEARCH WORK


Parent Work Number: 

Parent Work Description: Imp. to Malud Morada road

ADMINISTRATIVE APPROVAL (ORIGINAL) Amount in Rs.

Fields marked with an asterisk * are required.

AA Number: *

AA Date:  *

Authority: --select-- *

AA Office: RURAL WORKS DIVISION, BHUBANESWAR Select Office

AA Amount: *

Remarks:

Figure 32: Administrative Approval Entry Screen



SEARCH WORK

Parent Work Number: 

Parent Work Description: Imp. to Malud Morada road

VIEW APPROVAL DETAILS Amount in Rs.

Sr. No.	AA Number	AA Type	Authority	AA Date	AA Amount	Edit	Delete
1	1234	Original	Executive Engineer	03/05/2010	500,000.00		



Figure 33: Administrative Approval Details Screen

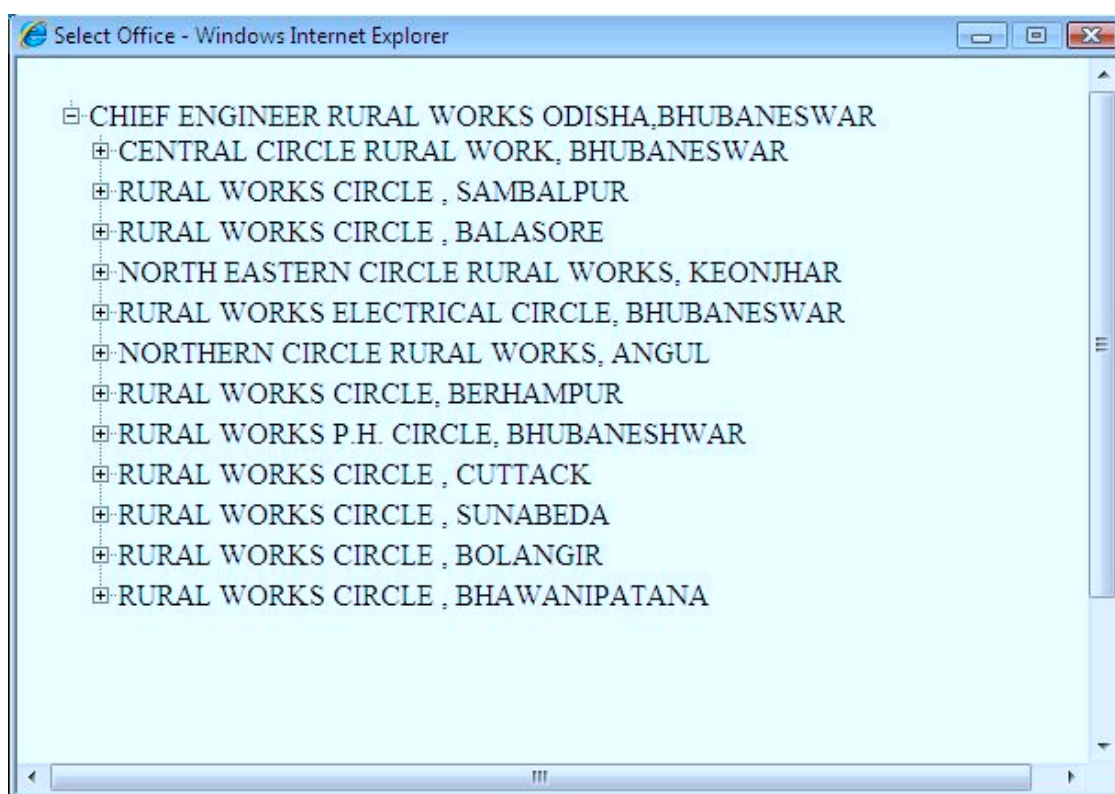


Figure 34: Office Selection Screen

Field Description:

AA Number: Enter the AA Number for the work.

AA Date: Select the AA approval date

Authority: Select the Approving Authority

AA Office: Select the Approving Office Name

AA Amount: Enter the approved amount for work.

Remarks: Enter the remarks for Administrative approval

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

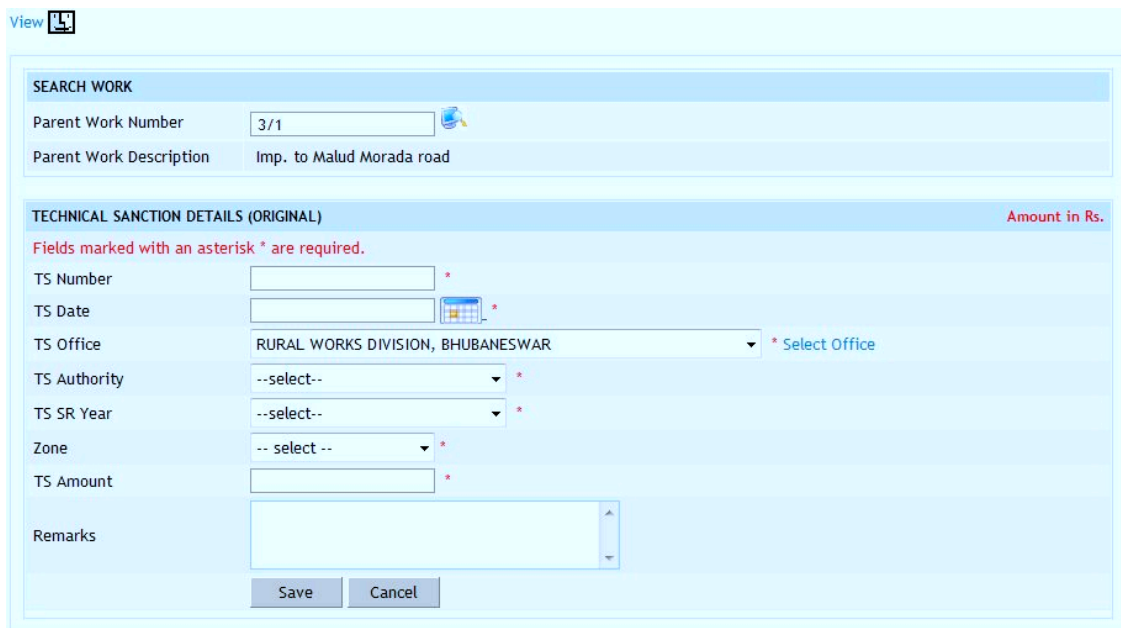
6) To delete the entry click on the "Delete" link.


- 7) To view the list of AA entries click on the "View" link.
- 8) To view the details of the AA select the Work through the "Search" link.
- 9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

8.2. TS Details


Selecting [Works](#) -> [Approvals](#) -> [TS Details](#), displays 'Technical Sanction Details' screen. This is the screen is used for filling the Technical Sanction Details for the selected work.

The Technical Sanction for each work can be entered through this screen. The first entry is considered as the 'Original' Technical Sanction and subsequently the rest of the entries are considered as 'Revised' TS approvals.



View 

SEARCH WORK


Parent Work Number: 

Parent Work Description: Imp. to Malud Morada road

TECHNICAL SANCTION DETAILS (ORIGINAL) Amount in Rs.

Fields marked with an asterisk * are required.

TS Number: *

TS Date:  *

TS Office: RURAL WORKS DIVISION, BHUBANESWAR * Select Office

TS Authority: --select-- *

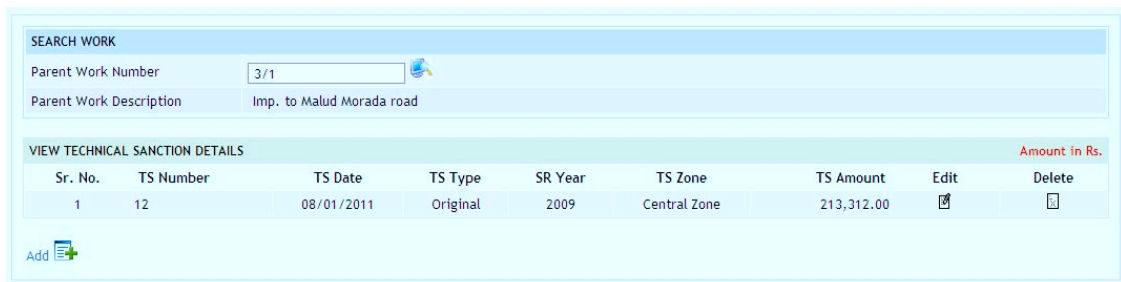
TS SR Year: --select-- *

Zone: -- select -- *


TS Amount: *

Remarks:

Figure 35: Technical Sanction Entry Screen





SEARCH WORK

Parent Work Number: 

Parent Work Description: Imp. to Malud Morada road

VIEW TECHNICAL SANCTION DETAILS Amount in Rs.

Sr. No.	TS Number	TS Date	TS Type	SR Year	TS Zone	TS Amount	Edit	Delete
1	12	08/01/2011	Original	2009	Central Zone	213,312.00		


Add 

Figure 36: Technical Sanction Details Screen

Field Description:

TS Number: Enter the Technical Sanction Number for the work.

TS Date: Select the approval date

TS Office: Select the TS Approving Office Name

TS Authority: Select the TS Approving Authority

TS SR Year: Select TS SR year

Zone: Select Zone for SR rates

TS Amount: Enter the approved TS amount for the work.

Remarks: Enter the remarks for technically sanction details.

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the list of TS entries click on the "View" link.

8) To view the details of the TS select the Work through "Search" link.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

9. Tendering

9.1.BoQ Details

Selecting [Works -> Tendering -> BoQ Details](#), displays 'BoQ Details' screen. This screen is used to prepare the Bill of Quantity (BoQ) for the selected Work.

(Note: -Before entering BoQ Details, user has to enter the technical sanction details.)

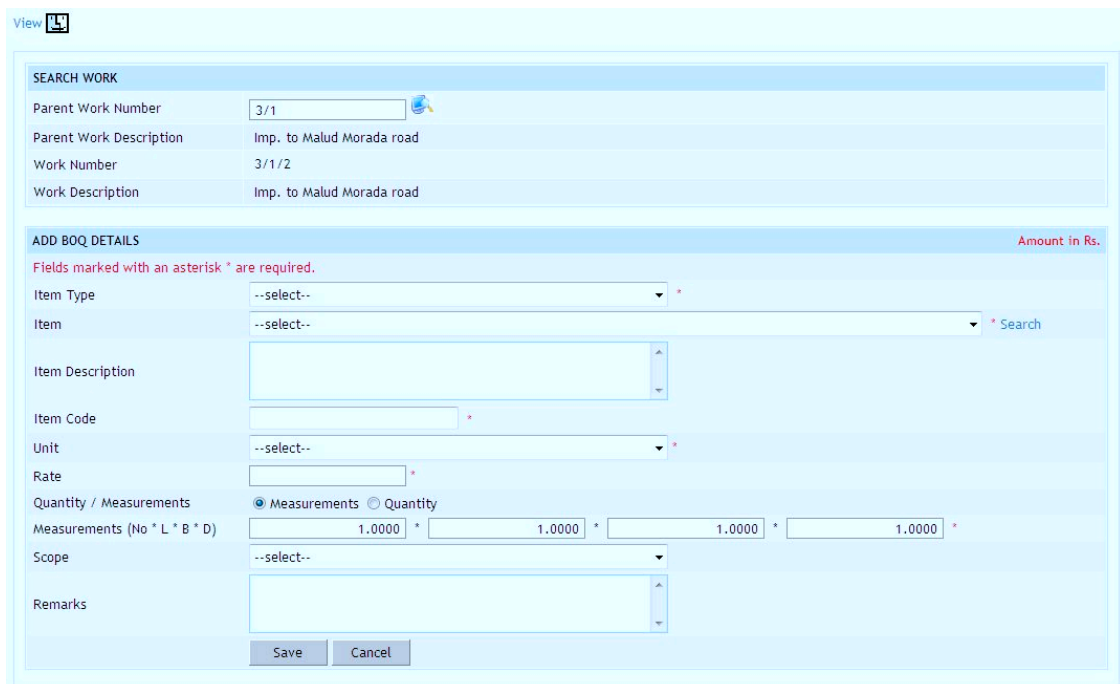


Figure 37: BoQ Entry Screen



SEARCH WORK								Amount in Rs.	
Parent Work Number	3/1								
Parent Work Description	Imp. to Malud Morada road								
Work Number	3/1/2								
Work Description	Imp. to Malud Morada road								
BOQ DETAILS								Amount in Rs.	
Sr. No.	Item Code	Item Description	Scope	Unit	Rate	Quantity	Amount	Edit	Delete
1	30	Supplying all materials, labour, T&P, for 16mm thick plaster (1:6) over stone masonry work including cost, conveyance, royalties of all materials to site etc all complete as per the specification and direction of EIC	Brick works	sqm	232.0000	1.0000	232.00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	24	Earthwork in excavation of foundation on in all kinds of soil including hard moorum stoney earthmixed as per direction of the E.I.C.	Brick works	cum	9.0000	12.0000	108.00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	3.1	Electrical Bulbs 5.1	Tack Coating	each	80.0000	63.0000	5,040.00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	6.1	WBM 40mm to 63mm size	Cement Concrete	cum	1521.6500	610.2000	928,510.83	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	19	Earthwork in hard soil by mechanical means including rough dressing & leveling the bed etc complete	Cement Concrete	cum	136.0000	1.0000	136.00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	6.1	WBM 40mm to 63mm size	Tack Coating	cum	50.0000	6.0000	300.00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Amount :							934,326.83		
<input type="button" value="Copy BoQ"/> <input type="button" value="Add"/> <input type="button" value="Add Multiple Item"/> <input type="button" value="Delete All"/>									

Figure 38: BoQ Details Screen

The SR Items can be searched and added in the Bill of Quantity through the SR Item Search screen.

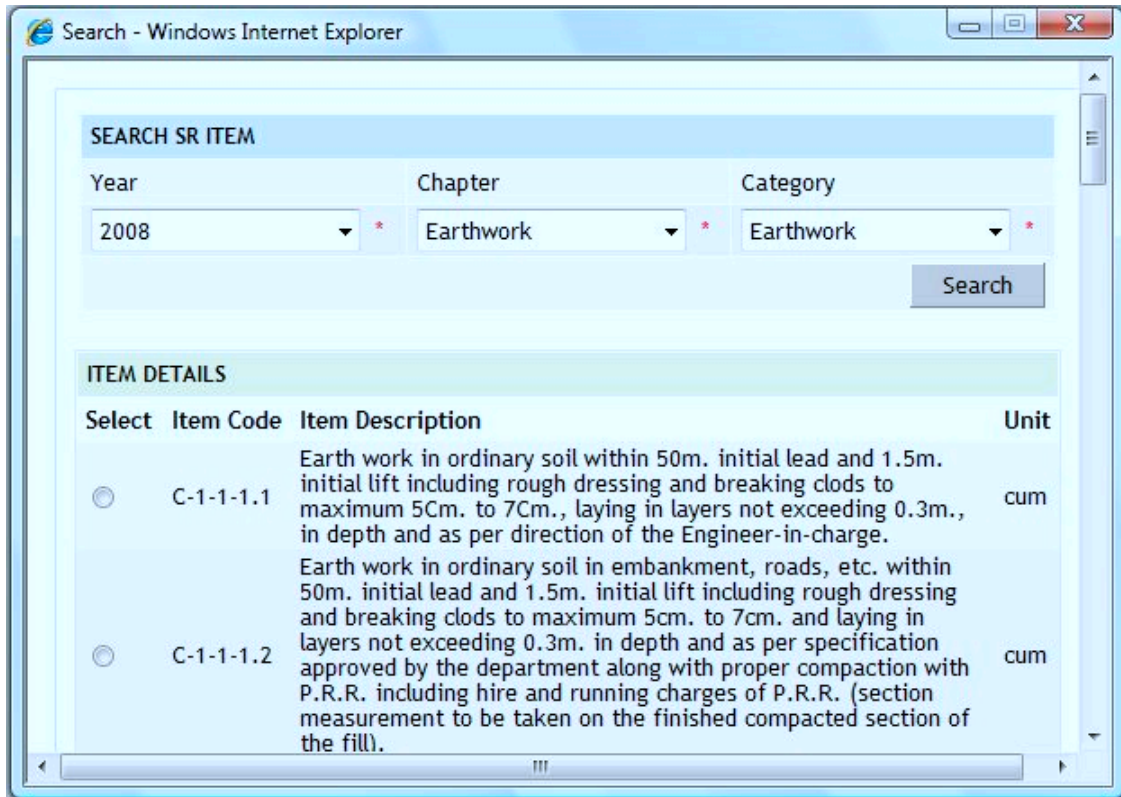


Figure 39: Search SR Items Screen

Adding multiple SR Items in one go and specifying the Measurements or the Quantity for each item can prepare the Bill of Quantity.

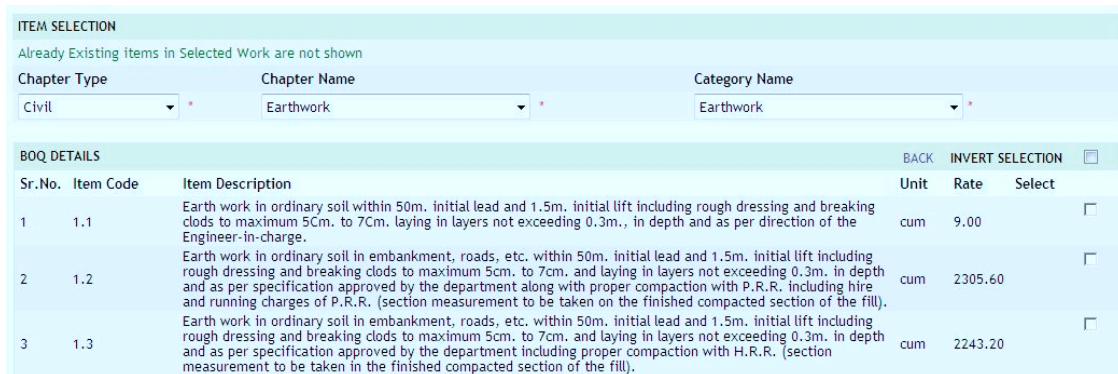


Figure 40: Adding Multiple Items in BOQ Screen

The Bill of Quantity can be prepared by copying Bill Items from other works for which the Items are similar.

SEARCH WORK			
Parent Work Number	3/1		
Parent Work Description	Imp. to Malud Morada road		
Work Number	3/1/2		
Work Description	Imp. to Malud Morada road		
BOQ DETAILS			
			BACK INVERT SELECTION <input type="checkbox"/>
Already Existing items in Selected Work are not shown			
SELECT WORK			
3/5/1 - Imp. to Gurujanga Keranga road			
Sr.No.	Item Code	Item Description	Select
1	1.4	Earth work in ordinary soil in embankment and roads, etc. maximum laboratory dry density not less than 1.44gms./1.52gms./1.65gms. per cubic centimeter in road embankment respectively up to 3m. /more than 3m. high and top 0.5m. below subgrade level, within 50m. initial lead and 1.5m. initial lift from approved borrow pits 5m. away from toe of the final section of the road embankment, bottom of the pit not being cut by an imaginary line having a slope 1:4 projected from the edge of the final section of the bank including rough dressing and breaking clods maximum 5cm. to 7cm. and laying in layer, each layer not exceeding 23cm. in depth up to required level including removal of roots, shrubs, bushes and all foreign debris from the earth and benching the old embankment, sectioning and cambering the earth work and conveyance of all materials. T & P articles required for the work and complete in all respect as per specification of work and direction of the Engineer-in-charge and to be measured on section measurement after compaction under O.M.C. condition (per 100 Cu.M.) including cost of controlled compaction with P.R.R., watering up to O.M.C. and confirming to approved specification including hire and running charges of P.R.R.	<input checked="" type="checkbox"/>
2	17.1	A) Column Footing	<input checked="" type="checkbox"/>
3	3	Brick work with K.B. bricks 25cm. x 12cm. x 8cm size having crushing strength not less than 75 Kg/cm2 with dimensional tolerance ± 8 percent in cement mortar (1:6) in foundation and plinth.	<input type="checkbox"/>
Copy Item		BACK	

Figure 41: Copy BoQ Screen

Field Description:

Item Type: Select the SR Item Type from the list populated

Item: Select the SR Item from the list populated

Item Description: Displays the Item Description for the selected Item.

Item Code: Displays the item code for the selected SR Item.

Unit: Unit of the selected SR Item will be shown.

Rate: Displays the SR Item rate

Quantity/Measurement: Select whether entering Quantity or Measurement.

Quantity: Enter the Quantity to be executed for the Work.

Measurement: Enter the Measurements as Number, Length, Breadth & Depth.

Scope: Select the scope for the selected SR Item.

Remarks: Enter remarks if any.

Note: 1) To add new entry click on the "Add" link.

2) To add multiple SR Items in one go click on the "Add Multiple Items" link.

3) To copy the BoQ Items from other works click on the "Copy BoQ" link.

4) To edit the details click on the "Edit" link.

5) To save the entered values click on the "Save" button.

6) To save the modified values click on the "Update" button.

7) To cancel the entry or the modification click on the "Cancel" link.

8) To delete the entry click on the "Delete" link.

9) To delete all the BoQ Items click on the "Delete All" link.

10) To view the list of BoQ entries click on the "View" link.

11) To view the details of the BoQ select the Work through "Search" link.

12) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

9.2. Schedule A Details

Selecting **Works -> Tendering -> Schedule A Details**, displays 'Schedule A Details' screen. This Screen is used for filling the Schedule "A" details for the Materials provided by the Department to the Contractor for execution of the selected work.

Figure 42: Schedule A Entry Screen

VIEW SCHEDULE A DETAILS							Amount in Rs.	
Sr. No.	Item Description	Unit	Rate	Quantity	Amount	Edit	Delete	
1	Stone Product	cum	50.00	100.00	5,000.00			
2	Sand items	cum	50.00	85.00	4,250.00			
Total Amount					9,250.00			

Figure 43: Schedule A Details Screen

SEARCH SCHEDULE-A ITEM

Year: 2008 Chapter Name: Material Category: Material

Search

ITEM DETAILS

Select	Item Code	Item Description	Unit Name
<input type="radio"/>	M-1-1-1	Stone Product	cum
<input type="radio"/>	M-1-1-2	M II	cum
<input type="radio"/>	M-1-1-3	Granite products	cum
<input type="radio"/>	M-1-1-4	Sand items	cum
<input type="radio"/>	M-1-1-5	Laterite Stone	cum

Done Local intranet | Protected Mode: On 100%

Figure 44: Item Search Screen

Field Description:

Item: Select the item to be provided to the contractor.

Unit: Display the unit for the selected Item.

Rate: Display the rate for the selected Item.

Quantity: Enter the quantity to be issued to the contractor.

Remarks: Enter the remarks if any.

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the list of Schedule A entries click on the "View" link.

8) To view the details of the Schedule A select the Work through "Search" link.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

9.3. Work Scope

Selecting **Works -> Tendering -> Work Scope**, displays 'Work Scope' screen. This screen is used to enter the planning dates for the selected work. Based on these planned dates the Physical and Financial Scope will be calculated. The scopes for the work are shown from the scopes mapped in the BoQ.

SEARCH WORK

Parent Work Number: 3/1
 Parent Work Description: Imp. to Malud Morada road
 Work Number: 3/1/2
 Work Description: Imp. to Malud Morada road

WORK SCOPE Amount in Rs.

Fields marked with an asterisk * are required.

Sr. No.	Select	Scope	Planned Start Date	Planned End Date
1	<input type="checkbox"/>	Brick works	<input type="text"/>	<input type="text"/>
2	<input type="checkbox"/>	Cement Concrete	<input type="text"/>	<input type="text"/>
3	<input type="checkbox"/>	Tack Coating	<input type="text"/>	<input type="text"/>

Buttons: Save, Cancel

Figure 45: Work Scope Entry Screen

SEARCH WORK

Parent Work Number: 3/1
 Parent Work Description: Imp. to Malud Morada road
 Work Number: 3/1/2
 Work Description: Imp. to Malud Morada road

WORK SCOPE

Sr.No.	Scope Description	Planned Start Date	Planned End Date	Physical Percent Work	Financial Percent Work	Completed	Edit	Delete
1	Brick works	02/05/2011	01/11/2011	1.87	0.04	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Cement Concrete	02/05/2011	28/10/2011	85.8	99.24	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Tack Coating	16/05/2011	30/12/2011	12.34	0.73	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Buttons: Add

Figure 46: Work Scope Screen

Field Description:

Select: Select the Check Box for which the entries are to be made

Scope: Displays the name of the Scope

Planned Start Date: Select the Planned Start Date for the selected Scope

Planned End Date: Select the Planned End Date for the selected Scope

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

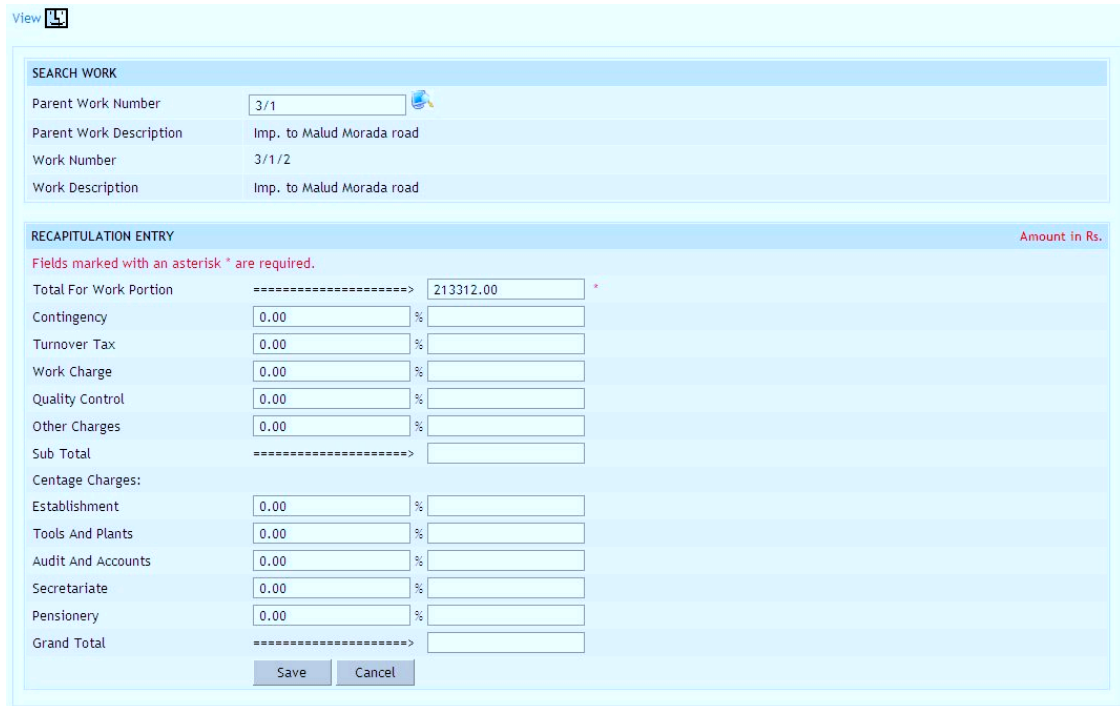
7) To view the list of Scope entries click on the "View" link.

8) To view the details of the Scope select the work through "Search" link.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

9.4. Recapitulation Entry

Selecting **Works -> Tendering -> Recapitulation Entry**, displays 'Recapitulation Details' screen. This Screen is used to enter recapitulation details for the selected work.



SEARCH WORK

Parent Work Number: 3/1
 Parent Work Description: Imp. to Malud Morada road
 Work Number: 3/1/2
 Work Description: Imp. to Malud Morada road

RECAPITULATION ENTRY Amount in Rs.

Fields marked with an asterisk * are required.

Total For Work Portion: 213312.00 *

Contingency: 0.00 %

Turnover Tax: 0.00 %

Work Charge: 0.00 %

Quality Control: 0.00 %

Other Charges: 0.00 %

Sub Total: <input type="text"/>

Centage Charges:

Establishment: 0.00 %

Tools And Plants: 0.00 %

Audit And Accounts: 0.00 %

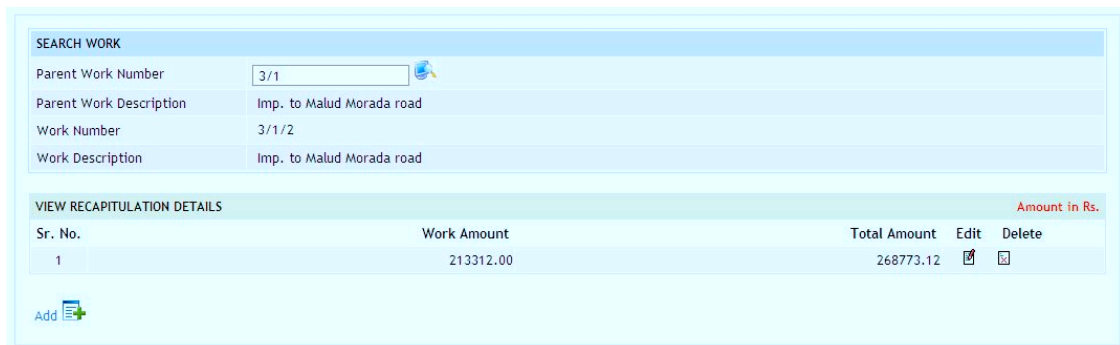
Secretariate: 0.00 %

Pensionery: 0.00 %

Grand Total: <input type="text"/>

Save Cancel



Figure 47: Recapitulation Entry Screen



SEARCH WORK

Parent Work Number: 3/1
 Parent Work Description: Imp. to Malud Morada road
 Work Number: 3/1/2
 Work Description: Imp. to Malud Morada road

VIEW RECAPITULATION DETAILS Amount in Rs.

Sr. No.	Work Amount	Total Amount	Edit	Delete
1	213312.00	268773.12		


Add 

Figure 48: Recapitulation Details Screen

Field Description:

Work Portion: Displays the Work Portion amount for the Work from TS

Contingency: Enter contingency amount in percentage

Turnover Tax: Enter Turnover Tax amount in percentage

Work Charges: Enter Work Charges amount in percentage

Quality Control: Enter Quality Control amount in percentage

Other Charges: Enter Other Charges amount in percentage

Sub Total: Sub Total amount is calculated as sum of above calculations

Centage Charges – Calculated on the (Work Portion + Sub Total)

Establishment: Enter Establishment Charges amount in percentage

Tools and Plants: Enter Tools and Plants Charges amount in percentage

Audit: Enter Audit and Accounts Charges amount in percentage

Secretariat: Enter Secretariat Charges amount in percentage

Pensionery: Enter Pensionery Charges amount in percentage

Grand Total: Total amount will be calculate based on the above calculations

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the list of Recapitulation entries click on the "View" link.

8) To view the details of the Recapitulation select the Work through "Search" link.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

9.5.Tender Details

Selecting [Works](#) -> [Tendering](#) -> [Tender Details](#), displays 'Tender Details' screen. This screen is used to enter the Tender information for the selected work.

Figure 49: Tender Details Entry Screen

TENDER DETAILS						Amount in Rs.
Sr. No.	Contractor Class	Tender Type	Tender Amount	Authority	Edit	Delete
1	A	F2	934326.83	Executive Engineer		

Figure 50: Tender Details Screen

Field Description:

Tender Type: Select the tender type.

Tender Amount: Enter the Tender Amount, calculated from the BoQ

Tender Opening Date: Select the Tender Opening Date

Approving Authority: Select the Tendering authority

Contractor Class And Above: Select the contractor class

Remarks: Enter the remarks if any

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the list of Tender entries click on the "View" link.

8) To view the details of the Tender select the work through "Search" link.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

9.6.PBC Details

Selecting [Works](#) -> [Tendering](#) -> [PBC Details](#), displays 'PBC Details' screen. This screen is used to enter the details for the Pre Bid Conference held before the tender opening of the selected work.

Figure 51: PBC Details Entry Screen

Sr. No.	Condition Modified	Conference Date	Minutes Issue Date	Edit	Delete
1	N	23/05/2011	24/06/2011		

Figure 52: PBC Details Screen

Field Description:

Conference Date: Select conference date

Venue: Enter venue details

PWD Attendees: Enter the name of PWD representative

Contractor Representatives: Enter the name of contractor's representatives

Nit Conditions Modified: Select whether the Nit condition modified or not.

Minutes Issue Date: Select minutes issue date

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

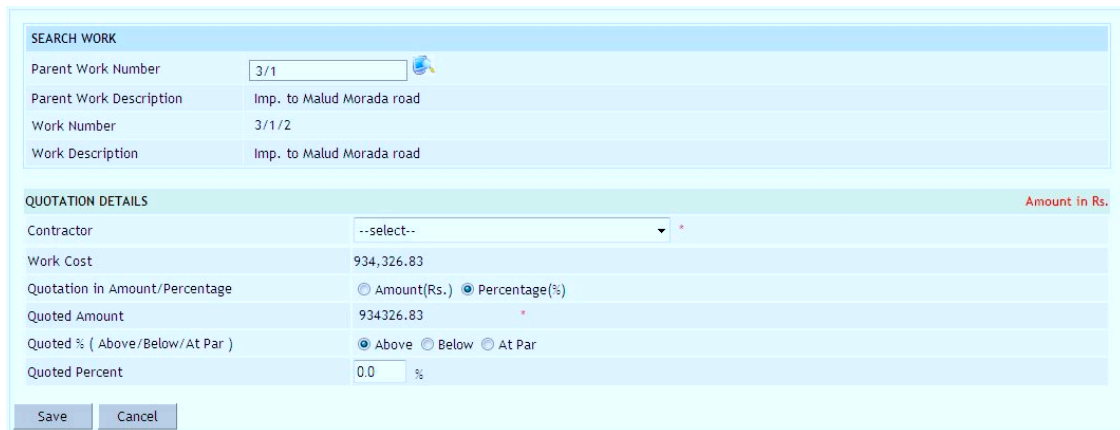
7) To view the list of PBC entries click on the "View" link.

8) To view the details of the PBC select the work through "Search" link.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

9.7. Quotation Details

Selecting **Works -> Tendering -> Quotation Details**, displays 'Quotation Details' screen. This screen is used to enter the details of the quotations submitted by the contractors for the selected work. The user must fill this entry before going further. Contractor simply quotes the amount, difference percentage will calculate automatically.



SEARCH WORK

Parent Work Number: 3/1
 Parent Work Description: Imp. to Malud Morada road
 Work Number: 3/1/2
 Work Description: Imp. to Malud Morada road

QUOTATION DETAILS Amount in Rs.

Contractor: --select--
 Work Cost: 934,326.83
 Quotation in Amount/Percentage: Amount(Rs.) Percentage(%)
 Quoted Amount: 934326.83
 Quoted % (Above/Below/At Par): Above Below At Par
 Quoted Percent: 0.0 %

Save Cancel

Figure 53: Quotation Entry Screen (Percentage Rate)

QUOTATION DETAILS Amount in Rs.

Contractor: --select--

Sr. No.	Item Id	Item Description	Unit	Rate	Quantity	Amount	Contractor Rate	Above/Below/At Par	Select
1	N-1-1-30	Supplying all materials, labour, T&P, for 16mm thick plaster (1:6) over stone masonry work including cost, conveyance, royalties of all materials to site etc all complete as per the specification and direction of EIC	Square Meters	232.00	1.0000	232.00	232.00	0% (At Par)	<input type="checkbox"/>
2	C-1-1-24	Earthwork in excavation of foundation on in all kinds of soil including hard moorum stoney earthmixed as per direction of the E.I.C.	Cubic Meters	9.00	12.0000	108.00	9.00	0% (At Par)	<input type="checkbox"/>
3	E-1-1-3.1	Electrical Bulbs 5.1	Each	80.00	63.0000	5,040.00	80.00	0% (At Par)	<input type="checkbox"/>
4	1-1-6.1	WBM 40mm to 63mm size	Cubic Meters	1,521.65	610.2000	928,510.83	1521.65	0% (At Par)	<input type="checkbox"/>
5	1-1-10	Earthwork in hard soil by mechanical means including rough dressing & leveling the bed etc complete	Cubic Meters	136.00	1.0000	136.00	136.00	0% (At Par)	<input type="checkbox"/>
6	N-1-1-6.1	WBM 40mm to 63mm size	Cubic Meters	50.00	6.0000	300.00	50.00	0% (At Par)	<input type="checkbox"/>

Figure 54: Quotation Entry Screen (Item Rate)

SEARCH WORK

Parent Work Number: 3/1
 Parent Work Description: Imp. to Malud Morada road
 Work Number: 3/1/2
 Work Description: Imp. to Malud Morada road

QUOTATION DETAILS Amount in Rs.

Sr. No.	Contractor Name	Work Cost	Quoted Amount	Above/Below/At Par	Edit	Delete
1	Abani Kumar Batiarsingh	934,326.83	952,062.00	1.90% Above		

Add

Figure 55: Quotation Details Screen

Field Description:

Percentage Rate

Contractor: Select the name of the Contractor for whom the quotation is being entered

Work Cost: Displays the Amount of the Work from Tender

Quotation in Amount/Percentage: Select whether the Quotation is in amount or the percentage

Quoted Amount: Enter the Quoted amount of the Contractor or displays the quoted amount calculated from the Quoted Percentage

Quoted % Above/Below/At Par: Displays whether the Quoted amount is above or below or equal to the Work amount

Quoted Percent: Displays the Quoted Percentage calculated from the Quoted amount or enter the Quoted Percentage

Item Rate

Contractor: Select the name of the Contractor for whom the quotation is being entered

Item Id: Displays the id of item which comes from SR

Item Description: Displays the BoQ Item for which the quoted amount is to be entered

Unit: Displays the BoQ Item Unit

Rate: Displays the BoQ Rate for the Item

Quantity: Displays the Quantity of the BoQ Item

Amount: This field is the multiplication of Rate and Quantity fields

Contractor Rate: Enter the Quoted Rate of the Contractor for the BoQ Item

Above/Below/At Par: Displays whether the Quoted amount is above or below or equal to the BoQ amount

- Note: 1) To add new entry click on the "Add" link.
- 2) To edit the details click on the "Edit" link.
- 3) To save the entered values click on the "Save" button.
- 4) To save the modified values click on the "Update" button.
- 5) To cancel the entry or the modification click on the "Cancel" link.
- 6) To delete the entry click on the "Delete" link.
- 7) To view the list of Quotation entries click on the "View" link.
- 8) To view the details of the Quotation select the work through "Search" link.
- 9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

9.8.Awarding of Contract

Selecting [Works](#) -> [Tendering](#) -> [Awarding of Contract](#), displays 'Awarding of Contract' screen. This screen is used to enter the details of the award given to the contractor for the selected work.

SEARCH WORK	
Parent Work Number	3/20
Parent Work Description	Gurujanga Kajalganda raod under 21022
Work Number	3/20/1
Work Description	Impv. to Gurujanga Keranga road

AWARDING OF CONTRACT DETAILS		Amount in Rs.
Fields marked with an asterisk * are required.		
Contractor	--select-- *	
Agreement No	*	
Work Order No		
Agreement Date	*	
Awarding Authority	--select-- *	
Date Of Actual Commencement	*	
Work Period In Months	*	
Stipulated Date Of Completion	*	
Agreement Type	--select--	
Work Cost	0.00	
Quotation in Amount/Percentage	<input type="radio"/> Amount(Rs.) <input checked="" type="radio"/> Percentage(%)	
Quoted Amount	0.0	
Quoted % (Above/Below/At Par)	<input type="radio"/> Above <input type="radio"/> Below <input checked="" type="radio"/> At Par	
Quoted Percent	0.0 %	
Accepted Tender Other Than Lowest ?	<input checked="" type="radio"/> No <input type="radio"/> Yes	
Whether Excess Involved ?	<input checked="" type="radio"/> No <input type="radio"/> Yes	
Whether Negotiation Done ?	<input checked="" type="radio"/> No <input type="radio"/> Yes	
Remarks	<div style="border: 1px solid gray; height: 40px;"></div>	
<input type="button" value="Save"/> <input type="button" value="Cancel"/>		

Figure 56: Awarding of Contract Entry Screen

SEARCH WORK	
Parent Work Number	3/1
Parent Work Description	Imp. to Malud Morada road
Work Number	3/1/2
Work Description	Imp. to Malud Morada road

VIEW AWARDING OF CONTRACT DETAILS									
Sr.No.	Work Number	Contractor	Commencement Date	Agreement No	Agrement Type	Accepted Amount	Negotiation	Edit	Delete
1	3/1/2	Abani Kumar Batiarsingh	21/11/2011	1456F2	F2	952062.63			

Add

Figure 57: Awarding of Contract Details Screen

Field Description:

Contractor: Select the contractor to whom the contract is to be awarded

Agreement No: Enter the agreement number

Work Order No: Enter the work order number

Agreement Date: Select work agreement date

Awarding Authority: Select awarding authority

Date of Actual Commencement: Select date of actual commencement

Work Period in Months: Enter work period in months

Stipulated Date Of Completion: Select stipulated date of completion

Agreement Type: Select the Agreement Type

Work Cost: Displays the Work Cost as per the Tender

Quotation in Amount/Percentage: Select whether the Quotation is in amount or the percentage

Quoted Amount: Displays the Quoted Amount of the Contractor

Quoted % Above/Below/At Par: Displays whether the Quoted amount is above or below or equal to the Work amount

Quoted Percent: Displays the Quoted Percentage calculated from the Quoted amount or enter the Quoted Percentage

Accepted Tender Other Than Lowest: Select option whether accepted tender other than lower

Whether Excess Involved: Select whether excess involved or not

Whether Negotiation Done: Select whether negotiation being done or not

Negotiated %: Displays the negotiated percentage is above/below or at par

Accepted Percent: Enter the negotiated percentage (only for Percentage Type)

Remarks: Enter the remarks if any

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the list of Awarding entries click on the "View" link.

8) To view the details of the Awarding select the work through "Search" link.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

9.9. Negotiation Details

Selecting [Works -> Tendering -> Awarding of Contract](#), displays 'Awarding of Contract' screen. If the negotiation is selected then the Negotiation link will be enabled for entering the negotiation amount. This screen is used to enter the details of the negotiations done with the contractors for the selected work.

SEARCH WORK										
Parent Work Number	3/1									
Parent Work Description	Imp. to Malud Morada road									
Work Number	3/1/2									
Work Description	Imp. to Malud Morada road									

Select All | Invert Selection

QUOTATION DETAILS										
Contractor										Amount in Rs.
Abani Kumar Baliarsingh										
Sr. No.	Item Id	Item Description	Unit	Rate	Quantity	Amount	Contractor Rate	Negotiation Rate	Above/Below/At Par	Select
1	N-1-1-30	Supplying all materials, labour, T&P, for 16mm thick plaster (1:6) over stone masonry work including cost, conveyance, royalties of all materials to site etc all complete as per the specification and direction of EIC	Square Meters	232.00	1.0000	232.00	252.00	252.00	8.62% Above	<input type="checkbox"/>
2	C-1-1-24	Earthwork in excavation of foundation on in all kinds of soil including hard moorum stoney earthmixed as per direction of the E.I.C.	Cubic Meters	9.00	12.0000	108.00	20.00	20.00	122.22% Above	<input type="checkbox"/>
3	E-1-1-3.1	Electrical Bulbs 5.1	Each	80.00	63.0000	5,040.00	80.00	80.00	0% (At Par)	<input type="checkbox"/>
4	1-1-6.1	WBM 40mm to 63mm size	Cubic Meters	1,521.65	610.2000	928,510.83	1,521.65	1521.65	0% (At Par)	<input type="checkbox"/>
5	1-1-10	Earthwork in hard soil by mechanical means including rough dressing & leveling the bed etc complete	Cubic Meters	136.00	1.0000	136.00	136.00	136.00	0% (At Par)	<input type="checkbox"/>
6	N-1-1-6.1	WBM 40mm to 63mm size	Cubic Meters	50.00	6.0000	300.00	80.00	80.00	60.00% Above	<input type="checkbox"/>

Update | Cancel

Figure 58: Negotiation Entry Screen

SEARCH WORK										
Parent Work Number	3/1									
Parent Work Description	Imp. to Malud Morada road									
Work Number	3/1/2									
Work Description	Imp. to Malud Morada road									

VIEW AWARDING OF CONTRACT DETAILS										
Sr.No.	Work Number	Contractor	Commencement Date	Agreement No	Agreement Type	Accepted Amount	Negotiation	Edit	Delete	
1	3/1/2	Abani Kumar Baliarsingh	21/11/2011	1456F2	F2	966949.00				

Add

Figure 59: Negotiation Details Screen

Field Description:

Item Rate

Contractor: Displays the name of the Contractor with whom the negotiation is being done

Item Description: Displays the BoQ Item for which the quoted amount is to be entered

Unit: Displays the BoQ Item Unit

Rate: Displays the BoQ Rate for the Item

Quantity: Displays the Quantity of the BoQ Item

Amount: This field is the multiplication of Rate and Quantity

Contractor Rate: Displays the Quoted Rate of the Contractor for the BoQ Item

Negotiation Rate: Enter the Negotiation Rate

Above/Below/At Par: Displays whether the Negotiation amount is above or below or equal to the BoQ amount

Note: 1) To enter the negotiation details click on the "Negotiation" link.

2) To save the entered values click on the "Update" button.

3) To cancel the entry or the modification click on the "Cancel" link.

4) To cancel the negotiation click on the "edit" link and select "No" for Negotiation.

5) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

10. Execution

10.1. Work Extension Details

Selecting [Works](#) -> [Execution](#) -> [Work Extension Details](#), displays 'Work Extension Details' screen. This screen is used to enter the details of the extensions given to the contractors for the selected work.

This screen is used in cases where the work gets extended due to some unavoidable reasons. Number of extensions can be given to a single work as per the requirement of the Department.

Figure 60: Work Extension Entry Screen

Sr. No.	Extension Number	Extension Upto	Edit	Delete
1	1	31/01/2012		

Figure 61: Work Extension Details Screen

Field Description:

Extension Number: Enter a unique extension number

Extension Upto Date: Select extension given up to date

Value of Work Completed within Time (%): Enter value of work completed within time in percentage

Value of Remaining Work (%): Enter value of remaining work in percentage.

Extension if any Granted with the value of work completed during the said period of Extension of Time Limit: Enter the value of work completed during the extension period

Extension now applied for by the Contractor (Ref. of Contractors letter to be given): Enter the reference letter no of the contractor for the extension

Detailed Reason For Extension: Enter the detail reasons for extension given

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

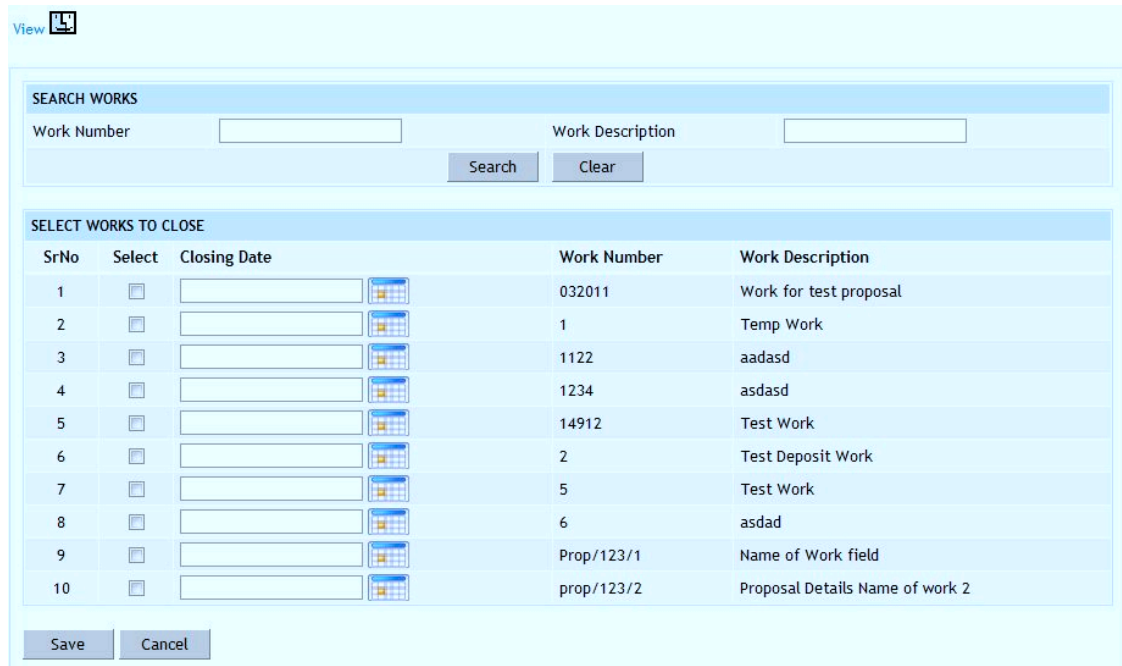
7) To view the list of extension entries click on the "View" link.

8) To view the details of the extensions select the Work through "Search" link.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

10.2. Close Work

Selecting **Works -> Execution -> Close Work**, displays 'Close Work' screen. This screen is used to enter the closing date for the selected work. After entering the closing date for the work, this work will not be displayed in Budget, Billing and Accounting modules for entry but will be available only for reporting purpose. Also, the Split Works if any will be closed based on the closing of the Parent Work.













The screenshot shows the 'Close Work Entry Screen' with a search bar and a table of works to be closed.

SEARCH WORKS

Work Number: Work Description:


Search Clear

SELECT WORKS TO CLOSE

SrNo	Select	Closing Date	Work Number	Work Description
1	<input type="checkbox"/>	<input type="text"/> 	032011	Work for test proposal
2	<input type="checkbox"/>	<input type="text"/> 	1	Temp Work
3	<input type="checkbox"/>	<input type="text"/> 	1122	aadasd
4	<input type="checkbox"/>	<input type="text"/> 	1234	asdasd
5	<input type="checkbox"/>	<input type="text"/> 	14912	Test Work
6	<input type="checkbox"/>	<input type="text"/> 	2	Test Deposit Work
7	<input type="checkbox"/>	<input type="text"/> 	5	Test Work
8	<input type="checkbox"/>	<input type="text"/> 	6	asdad
9	<input type="checkbox"/>	<input type="text"/> 	Prop/123/1	Name of Work field
10	<input type="checkbox"/>	<input type="text"/> 	prop/123/2	Proposal Details Name of work 2

Save Cancel

Figure 62: Close Work Entry Screen




The screenshot shows the 'Close Work Screen' with a search bar and a table of closed works.

SEARCH WORKS

Work Number: Work Description:

Search Clear

CLOSED WORKS

SrNo	Select	Closing Date	Work Number	Work Description	Edit
1	<input checked="" type="checkbox"/>	16/05/2011	5	Test Work	

Add 

Figure 63: Close Work Screen

Field Description:

Select Option: Select the check box for the work, which is to be closed.

Closing Date: Enter the closing date.

Note: 1) To close new works click on the "Add" link.

2) To edit the details of closed works click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

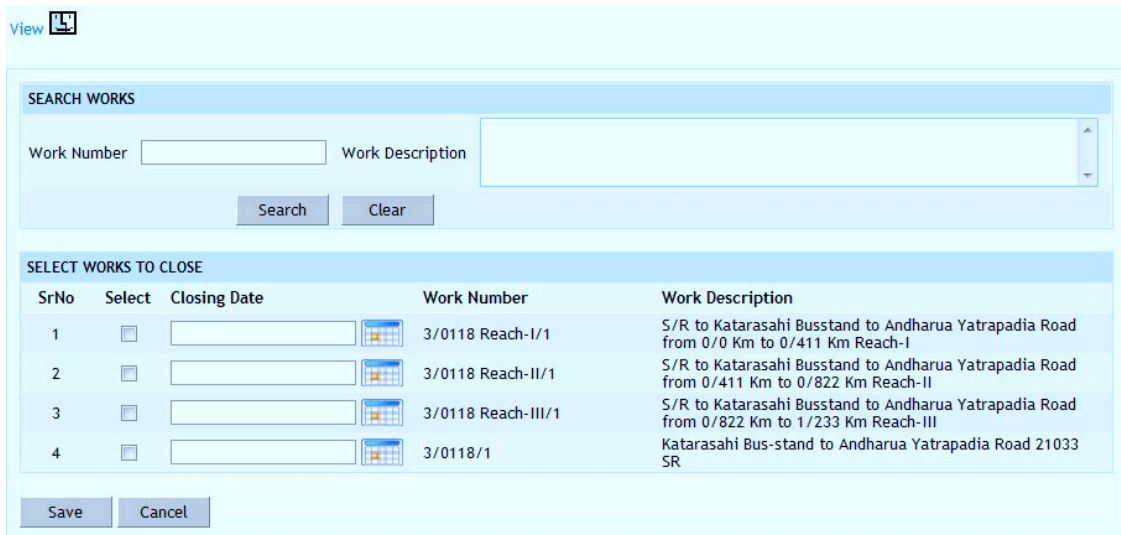
6) To view the list of closed works click on the "View" link.

7) To view the details of the closed work select the Work through "Search" link.

8) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

10.3. Close Split Works

Selecting **Works -> Execution -> Close Split Works**, displays 'Close Split Works' screen. This screen is used to enter the closing date for the selected split work. After entering the closing date for the split work, this work will not be displayed in Budget, Billing and Accounting modules for entry, but will be available for reporting purpose. Closing of a split work will not close the other split works for the same parent work.

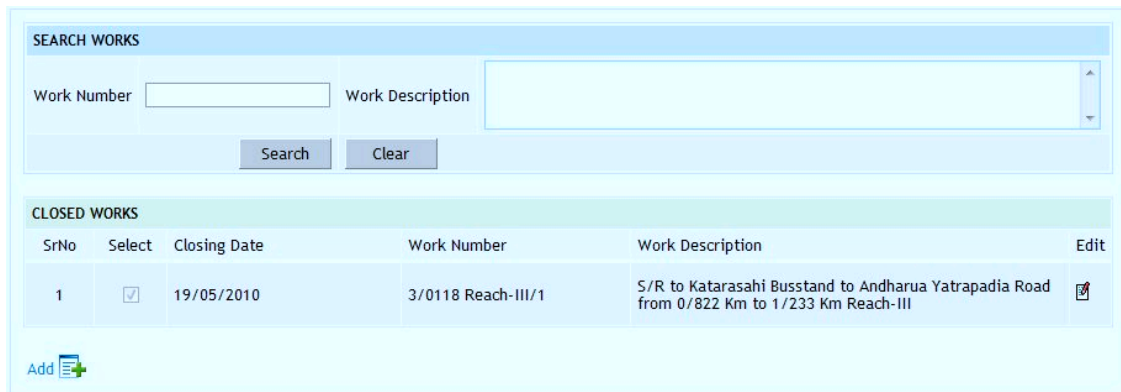


The screenshot shows the 'Close Split Work Entry Screen' with the following components:

- SEARCH WORKS** section: Includes input fields for 'Work Number' and 'Work Description', and 'Search' and 'Clear' buttons.
- SELECT WORKS TO CLOSE** section: A table with columns for SrNo, Select, Closing Date, Work Number, and Work Description. It lists four entries for work number 3/0118.
- Buttons**: 'Save' and 'Cancel' buttons at the bottom.

SrNo	Select	Closing Date	Work Number	Work Description
1	<input type="checkbox"/>		3/0118 Reach-I/1	S/R to Katarasahi Busstand to Andharua Yatrapadia Road from 0/0 Km to 0/411 Km Reach-I
2	<input type="checkbox"/>		3/0118 Reach-II/1	S/R to Katarasahi Busstand to Andharua Yatrapadia Road from 0/411 Km to 0/822 Km Reach-II
3	<input type="checkbox"/>		3/0118 Reach-III/1	S/R to Katarasahi Busstand to Andharua Yatrapadia Road from 0/822 Km to 1/233 Km Reach-III
4	<input type="checkbox"/>		3/0118/1	Katarasahi Bus-stand to Andharua Yatrapadia Road 21033 SR

Figure 64: Close Split Work Entry Screen



The screenshot shows the 'Close Split Work Screen' with the following components:

- SEARCH WORKS** section: Similar to Figure 64, with search and clear buttons.
- CLOSED WORKS** section: A table with columns for SrNo, Select, Closing Date, Work Number, Work Description, and Edit. It shows one entry for work number 3/0118 Reach-III/1 with a closing date of 19/05/2010.
- Buttons**: 'Add' button with a plus icon at the bottom left.


SrNo	Select	Closing Date	Work Number	Work Description	Edit
1	<input checked="" type="checkbox"/>	19/05/2010	3/0118 Reach-III/1	S/R to Katarasahi Busstand to Andharua Yatrapadia Road from 0/822 Km to 1/233 Km Reach-III	

Figure 65: Close Split Work Screen

Field Description:

Select Option: Select the check box for the split work, which is to be closed.

Closing Date: Enter the closing date.

Note: 1) To close new works click on the "Add" link.

2) To edit the details of closed works click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To view the list of closed split works click on the "View" link.

7) To view the details of the closed split work select the Split Work through "Search" link.

8) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

11. Work Reports

This section provides various reports required by the Division to monitor the various works being executed.

11.1. Report Options

By selecting [Works -> Reports -> Report Options](#), displays “Report Options” screen. This screen is used to show generate various reports required by the Divisions.

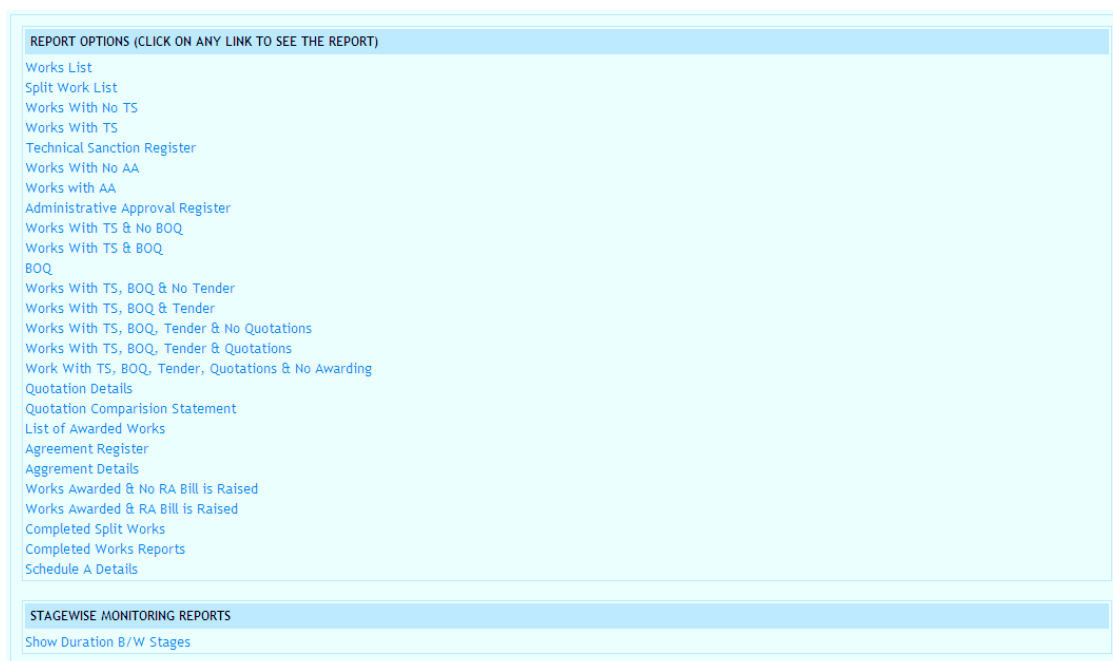


Figure 66: Report Options Screen

11.1.1. Work List

By selecting [Works -> Reports -> Report Options -> Show Work List](#), displays the report showing the list of Works with the Division for execution.

Based on selected filters Work Type, Scheme, District, Taluka and Constituency the list of works can be populated. Here work type selection is mandatory.

Show Report Options

SEARCH

Work Type: Non-Plan

Scheme: --Select--

District: --Select-- Taluka: --Select--

Constituency: --Select--

Show Export

Works List

Division : RURAL WORKS DIVISION, BHUBANESWAR

Sr.	Work Number	Work Description	Constituency	Scheme
1	3/31	Banamalipur Balanga road under S/R	Bhubaneswar	Maintenance Works
2	3/36	S/R to Kapilaprasad Jatani road	Bhubaneswar	Maintenance Works
3	3/39	S/R to Kuakhai right embankment to Baranga Rly. Station road	Bhubaneswar	Maintenance Works
4	3/43	S/R to N.H.5 to Chhatabara road	Bhubaneswar	Maintenance Works
5	3/45	S/R to Nandankan to Raghunathpur village road	Bhubaneswar	Maintenance Works

Figure 67: Works List Report

11.1.2. Split Work List

By selecting [Works -> Reports -> Report Options -> Split Works List](#), displays the report showing the list of Split Works with the Division for execution.

Based on selected Work Number the list of split works are populated and shown in the report.

Show Report Options

SPLIT WORK DETAILS

Work Number: 3/1313

Show Export

List of Works

Division : RURAL WORKS DIVISION, BHUBANESWAR

Sr.No.	Work Number	Work Description	Split Work Number	Split Work Description
1	3/1313	Regular work:3/1313	3/1313/1	Regular work:3/1313
2	3/1313	Regular work:3/1313	3/1313/2	Regular work:3/1313
3	3/1313	Regular work:3/1313	3/1313/3	Regular work:3/1313
4	3/1313	Regular work:3/1313	3/1313/4	Regular work:3/1313

Figure 68: Split Works List Report

11.1.3. Works With AA

By selecting [Works -> Reports -> Report Options -> Works With AA](#), displays the report showing the list of Works, for which Administrative Approval has been entered.

Based on AA Date Administrative approval report is generated for the Works getting the AA in the selected month and year.

Show Report Options

ADMINISTRATIVE APPROVAL DETAILS

AA Month: September AA Year: 2011

Show Export

Administrative Approval Details - September/2011

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr.No	Work Number	Work Description	Approval Number	Approval Date	Approval Type	Approved Amount
1	3/5	Imp. to Gurujanga Keranga road	54	01/09/2011	Revised	54.00
2	3/16	FDR to Ratamati Sarapari road	43	06/09/2011	Original	4,343.00
3	3/20	Impv. to Gurujanga Keranga road	12	06/09/2011	Original	2,323.00
4	3/21	Impv. to Hantuada Dhuanlo	23	06/09/2011	Original	43,524.00
5	3/24	Impv. to N.H.5 to Retanga Rly. Station road	34	06/09/2011	Original	43,543.00
6	3/24	Impv. to N.H.5 to Retanga Rly. Station road	45	07/09/2011	Revised	546.00
7	3/1334	REGULAR WORK: 3/1334	1	01/09/2011	Original	500,000.00

Figure 69: Administratively Approved Works Report

11.1.4. Works With No AA

By selecting [Works -> Reports -> Report Options](#)→ [Works with No AA](#), displays the report showing the list of Works, for which the Administrative Approval has not been entered.

Show Report Options

WORKS WITHOUT ADMINISTRATIVE APPROVAL

Show Export

List of Works

Division : RURAL WORKS DIVISION, BHUBANESWAR

Sr.No.	Work Number	Work Description
1	3/2	Bhingarpur Kurangapradhan road under CWA
2	3/3	Budhipada Aringal road under CWA
3	3/4	Gayabandha Olasing road under CWA
4	3/5	Imp. to Gurujanga Keranga road
5	3/6	Imp. to Khamanga Brahman sarangi road
6	3/7	Imp. to Malud Budhibar road
7	3/8	N.H.5 to Baliana road under 37158
8	3/9	Imp. to Rambhabill Olasing road
9	3/10	Imp. to Samantarapur Barunehill road
10	3/11	Imp. to Tankapani Bentapur
11	3/12	Imp. to Constn. of H.L. bridge at over river RAJUA on Mandarbasta Kalyanpur road
12	3/13	Imp. to Construction of OSRRA Cell at Secretaryate BBSR
13	3/14	FDR to Khamanga Brahmana Sarangi road
14	3/15	FDR to Niali Nariso Meladanda road
15	3/16	FDR to Ratamati Sarapari road
16	3/17	Impv. to Aanda Mandarbasta
17	3/18	Budhipada Aringala road under 21009
18	3/19	Impv. to Daya west branch canal to Padasahi chhak road
19	3/20	Impv. to Gurujanga Keranga road
20	3/21	Hantuada Dhuanlo under CWA

Figure 70: Works without Administrative Approval Report

11.1.5. Administrative Approval Register

By selecting [Works -> Reports -> Report Options](#)→ [Administrative Approval Register](#), displays the Administrative Approval Register report.

Based on AA Month & AA Year Administrative Approval Register report is generated for the Works getting the AA in the selected month and year.

Show Report Options

ADMINISTRATIVE APPROVAL REGISTER

AA Month: AA Year: *

Administrative Approval Register

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr. No.	Name of Work	Head of Account under which sanction	Name of Scheme	Approval By	Amount	Approval No./ Date	Sign
1	Imp. to Gurujanga Keranga road	28/5054/SP/55/04/796/800/-	CWA	Assistant Engineer	54.00	54(R) : 01/09/2011	
2	FDR to Ratamati Sarapari road	3/2245/NP/02/106/1192/41074/-	Ashwasit Jawahar Rojgar Yojana	Chief District Medical Officer	4,343.00	43(O) : 06/09/2011	
3	Impv. to Gurujanga Keranga road	28/3054/NP/04/337/1790/21033/-	Finance Comission Award	Executive Engineer One	2,323.00	12(O) : 06/09/2011	
4	Impv. to Hantuada Dhuanio	28/5054/SP/55/04/796/800/-	Finance Comission Award	Chief District Medical Officer	43,524.00	23(O) : 06/09/2011	
5	Impv. to N.H.5 to Retanga Rly. Station road	28/3054/NP/04/337/1790/21033/-	Finance Comission Award	Chief Engineer	43,543.00	34(O) : 06/09/2011	
6	Impv. to N.H.5 to Retanga Rly. Station road	28/3054/NP/04/337/1790/21033/-	Finance Comission Award	Assistant Engineer	546.00	45(R) : 07/09/2011	
7	REGULAR WORK: 3/1334	28/5054/SP/DS/04/789/0906/37017/-	Ashwasit Jawahar Rojgar Yojana	Assistant Engineer	500,000.00	1(O) : 01/09/2011	

Figure 71: Administrative Approval Register Report

11.1.6. Works With TS

By selecting [Works -> Reports -> Report Options](#)→ [Works With TS](#), displays the report showing the list of Works for which Technical Sanction has been entered.

Based on TS Date Technical Sanction report is generated for the Works getting the TS in the selected month and year.

Show Report Options

TECHNICAL SANCTION DETAILS

TS Month: June TS Year: 2011

Show Export

Technical Sanction Details - June/2011

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr.No	Work Number	Work Description	Approval Number	Approval Date	Approval Type	Approved Amount
1	3/10	Imp. to Samantarapur Baruneihill road	t4	09/06/2011	Original	435,454.00
2	3/11	Imp. to Tankapani Bentapur	11	02/06/2011	Original	443,435.00
3	3/0561	L.H.V quarter at Nariso	ts/256	08/06/2011	Original	500,000.00
4	3/1315	03-june-2011 test work _1 by arun	3112312	09/06/2011	Original	1,111.00

Figure 72: Technical Sanctioned Works Report

11.1.7. Works With No TS

By selecting [Works -> Reports -> Report Options](#) → [Works With No TS](#), displays the report showing the list of Works for which there is no entry for Technical Sanction.

Show Report Options

WORKS DETAILS WITH NO TS

Show Export

List Of Works Without Technical Sanction

Division : RURAL WORKS DIVISION, BHUBANESWAR

Sr.No.	Work Number	Work Description
1	3/1	Imp. to Malud Morada road
2	3/1311	test data by arun 00000000000001
3	3/1313	Regular work:3/1313
4	3/1313	Regular work:3/1313
5	3/1313	Regular work:3/1313

Figure 73: Works with No TS Report

11.1.8. Technical Sanction Register

By selecting [Works -> Reports -> Report Options](#) → [Technical Sanction Register](#), displays the report showing the details of Technical Sanction Register for various works.

Show Report Options

TECHNICAL SANCTION REGISTER

TS Month: June TS Year: 2011

Show Export

Technical Sanction Register

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr. No.	Office Name	Name of Work	Head of Account	Civil Cost (A)	Contingency (B)	Total (A+B)	PC (C)	Total (A+B+C)	Sign
1	RURAL WORKS DIVISION, BHUBANESWAR	Imp. to Samantarapur Barunei hill road	28/5054/SP/55/04/796/800/-	435454.00	0.00	435454.00	0.00	435,454.00	
2	RURAL WORKS DIVISION, BHUBANESWAR	Imp. to Tankapani Bentapur	28/5054/SP/55/04/796/800/-	443435.00	474475.45	917910.45	0.00	917,910.45	
3	RURAL WORKS DIVISION, BHUBANESWAR	L.H.V quarter at Nariso	28/2216/NP/05/053/0853/21033/-	500000.00	0.00	500000.00	0.00	500,000.00	
4	RURAL WORKS DIVISION, BHUBANESWAR	03-June-2011 test work _1 by arun	28/2059/NP/00/052/0851/02001/-	1111.00	0.00	1111.00	0.00	1,111.00	

Figure 74: Technical Sanction Register Report

11.1.9. Works With TS & No BoQ

By selecting [Works -> Reports -> Report Options](#)→ [Works with TS and No BoQ](#), displays the report showing the list of Works with Technical Sanction but no entry for Bill of Quantity (BoQ).

Based on TS Date Works with TS and No BOQ report is generated for the Works getting the TS in the selected month and year.

Show Report Options

WORKS WITH TS AND NO BOQ

TS Month: June TS Year: 2011

Show Export

List of Works With Technical Sanction but without BOQ

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr.No.	Work Number	Work Description	Split Work Number	Split Work Description	TS Type & Date	TS Amount
1	3/1316	06-June-2011 test work 1	3/1316/2	06-June-2011 test work 1	Original - 2011-06-15	11.00
2	3/1316	06-June-2011 test work 1	3/1316/3	06-June-2011 test work 1	Original - 2011-06-15	11.00
3	3/1316	06-June-2011 test work 1	3/1316/4	06-June-2011 test work 1	Original - 2011-06-15	11.00
4	3/1316	06-June-2011 test work 1	3/1316/5	06-June-2011 test work 1	Original - 2011-06-15	11.00
5	3/1316	06-June-2011 test work 1	3/1316/6	06-June-2011 test work 1	Original - 2011-06-15	11.00

Figure 75: Works with TS and No BoQ Report

11.1.10. Works With TS & BOQ

By selecting [Works -> Reports -> Report Options](#)→ [Works With TS & BoQ](#), displays the report showing the list of Works with Technical Sanction and BoQ entries.

Based on TS Date Works with TS and BOQ report is generated for the Works getting the TS in the selected month and year.

Show Report Options

WORKS WITH TS AND BOQ

TS Month: June TS Year: 2011

Show Export

List of Works with Technical Sanction & BOQ

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr.No.	Work Number	Work Description	Split Work Number	Split Work Description	TS Type & Date	TS Amount	BOQ Amount
1	3/10	Imp. to Samantarapur Baruneihill road	3/10/1	Imp. to Samantarapur Baruneihill road	Original - 2011-06-09	435454.00	16.000000
2	3/11	Imp. to Tankapani Bentapur	3/11/1	Imp. to Tankapani Bentapur	Original - 2011-06-02	443435.00	2354.000000
3	3/0561	L.H.V quarter at Nariso	3/0561/1	L.H.V quarter at Nariso Reach-I	Original - 2011-06-08	500000.00	244720.000000
4	3/0561	L.H.V quarter at Nariso	3/0561/2	L.H.V quarter at Nariso Reach-II	Original - 2011-06-08	500000.00	2354.000000
5	3/1315	03-June-2011 test work _1 by arun	3/1315/1	03-June-2011 test work _1 by arun	Original - 2011-06-09	1111.00	1223678.656250
6	3/1316	06-June-2011 test work 1	3/1316/1	06-June-2011 test work 1	Original - 2011-06-15	11.00	11000.000000

Figure 76: Works with TS & BoQ Report

11.1.11. BoQ

By selecting **Works -> Reports -> Report Options-> BoQ**, displays the report showing the list of Bill of Quantity (BoQ) Items or Extra Items for the selected Work.

Show Report Options

BOQ DETAILS

Work Number: 3/1/2 BOQ / Extra : Bill of Quantity Item Extra Item

Show Export

Bill of Quantity

Division : RURAL WORKS DIVISION, BHUBANESWAR

Work Number : 3/1/2

Name of work : Imp. to Malud Morada road

Sr.No.	Item Description	Unit	Number	Length	Breadth	Depth	Quantity	Rate (in Rs)	Amount (in Rs)
1	Supplying all materials, labour, T&P, for 16mm thick plaster (1:6) over stone masonry work including cost, conveyance, royalties of all materials to site etc all complete as per the specification and direction of EIC	sqm	..	..	..	..	1.00	232.00	232.00
2	Earthwork in excavation of foundation on in all kinds of soil including hard moorum stoney earthmixed as per direction of the E.I.C.	cum	12.0	1.0	1.0	1.0	12.00	9.00	108.00
3	Electrical Bulbs 5.1	each	63.0	1.0	1.0	1.0	63.00	80.00	5,040.00
4	WBM 40mm to 63mm size	cum	..	..	..	..	610.20	1,521.65	928,510.83
5	Earthwork in hard soil by mechanical means including rough dressing & leveling the bed etc complete	cum	..	..	..	..	1.00	136.00	136.00
6	WBM 40mm to 63mm size	cum	6.0	1.0	1.0	1.0	6.00	50.00	300.00
Total							693.20	2,028.65	934,326.83

Figure 77: BoQ Report

Show Report Options

BOQ DETAILS

Work Number: 3/2/1 * BOQ / Extra : Bill of Quantity Item Extra Item

Show Export

Bill of Quantity

Division : RURAL WORKS DIVISION, BHUBANESWAR

Work Number : 3/2/1

Name of work : Bhingarpur Kurangapradhan road under CWA

Sr.No.	Item Description	Unit	Number	Length	Breadth	Depth	Quantity	Rate (in Rs)	Amount (in Rs)
1	b) By materila means	cum	10.0	1.0	1.0		10.00	10.00	100.00
Total							10.00	10.00	100.00

Figure 78: Extra Item Report

11.1.12. Works with TS, BoQ and No Tender

By selecting [Works -> Reports -> Report Options](#)→ [Works with TS & BoQ and No Tender](#), displays the report showing the list of Works with Technical Sanction and BoQ entries but no Tender entry.

Based on TS Date Works with TS, BOQ and No Tender report is generated for the Works getting the TS in the selected month and year.

Show Report Options

WORKS WITH TS, BOQ AND NO TENDER DETAILS

TS Month: June TS Year: 2011 *

Show Export

List of Works with Technical Sanction, BOQ but no Tender

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr.No.	Work Number	Work Description	Split Work Number	Split Work Description	TS Type & Date	TS Amount	BOQ Amount
1	3/10	Imp. to Samantarapur Barunehill road	3/10/1	Imp. to Samantarapur Barunehill road	Original - 2011-06-09	435454.00	16.000000
2	3/11	Imp. to Tankapani Bentapur	3/11/1	Imp. to Tankapani Bentapur	Original - 2011-06-02	443435.00	2354.000000
3	3/0561	L.H.V quarter at Nariso	3/0561/1	L.H.V quarter at Nariso Reach-I	Original - 2011-06-08	500000.00	244720.000000
4	3/0561	L.H.V quarter at Nariso	3/0561/2	L.H.V quarter at Nariso Reach-II	Original - 2011-06-08	500000.00	2354.000000

Figure 79: Works with TS & BoQ and No Tender Report

11.1.13. Works with TS, BoQ and Tender

By selecting [Works -> Reports -> Report Options](#)→ [Works with TS, BoQ and Tender](#), displays the report showing the list of Works for which the Technical Sanction, BoQ and Tender entries are done.

Based on TS Date, Tender Date and Tender Type Works with TS, BOQ and Tender report is generated for the Works getting the TS, Tender and tender type in the selected month and year.

Show Report Options

WORKS WITH TS, BOQ AND TENDER

TS Month: June | TS Year: 2011
 TENDER Month: June | TENDER Year: 2011 | TENDER Type: P1/F2

Show | Export

List of Works with Technical sanction, BOQ & Tender

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr.No.	Work Number	Work Description	Split Work Number	Split Work Description	TS Type & Date	TS Amount	BOQ Amount	Tender Amount	Tender Opening Date
1	3/1316	06-June-2011 test work 1	3/1316/1	06-June-2011 test work 1	Original - 2011-06-15	11.00	26400.000000	11000.00	2011-06-22

Figure 80: Works with TS, BoQ and Tender Report

11.1.14. Works With TS, BOQ, Tender & No Quotations

By selecting [Works -> Reports -> Report Options](#) → [Works With TS, BoQ, Tender & No Quotations](#), displays the report showing the list of Works for which the Technical Sanction, BoQ and Tender is entered but no Quotation entries done.

Based on TS Date, Tender Date and Tender Type Works with TS, BOQ, Tender and No Quotations report is generated for the Works getting the TS, Tender and tender type in the selected month and year.

Show Report Options

WORKS WITH TS, BOQ, TENDER DETAILS AND NO QUOTATION

TS Month: May | TS Year: 2011
 TENDER Month: May | TENDER Year: 2011 | TENDER Type: K2

Show | Export

List of Works with TS, BOQ, Tender without Quotation

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr.No.	Work Number	Work Description	Split Work Number	Split Work Description	TS Type & Date	TS Amount	BOQ Amount	Tender Amount	Tender Opening Date
1	3/1311	test data by arun 0000000000000001	3/1311/2	test data by arun 0000000000000001	Original - 2011-05-25	23131.00	180180.800000	180180.80	2011-05-25

Figure 81: Works with TS, BoQ, Tender and No Quotations Report

11.1.15. Works with TS, BoQ, Tender and Quotations

By selecting [Works -> Reports -> Report Options](#) → [Works with TS, BoQ, Tender and Quotations](#), displays the report showing the list of Works for which the Technical Sanction, BoQ, Tender and Quotation entries are done.

Based on TS Date, Tender Date and Tender Type Works with TS, BOQ, Tender and Quotations report is generated for the Works getting the TS, Tender and tender type in the selected month and year.

Show Report Options

WORKS WITH TS, BOQ, TENDER & QUOTATION

TS Month: June | TS Year: 2011
 Tender Month: June | Tender Year: 2011 | Tender Type: P1/F2

Show | Export

List of Works with Technical sanction, BoQ, Tender & Quotation

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr.No.	Work Number	Work Description	Split Work Number	Split Work Description	TS Type & Date	TS Amount	BOQ Amount	Tender Amount	Tender Opening Date
1	3/1316	06-June-2011 test work 1	3/1316/1	06-June-2011 test work 1	Original - 2011-06-15	11.00	26400.000000	11000.00	2011-06-22

Figure 82: Works with TS, BoQ, Tender and Quotation Report

11.1.16. Work With TS, BOQ, Tender, Quotations & No Awarding

By selecting [Works -> Reports -> Report Options](#) → [Works with TS, BoQ, Tender & Quotations & No Awarding](#), displays the report showing the list of works for which Technical Sanction, BoQ, Tender & Quotation has been entered but the contract is not awarded.

Based on TS Date, Tender Date and Tender Type Works with TS, BOQ, Tender, Quotations & No Awarding report is generated for the Works getting the TS, Tender and tender type in the selected month and year.

Show Report Options

WORK WITH TS, BOQ, TENDER, QUOTATION AND NO AWARDING

TS Month: June | TS Year: 2011
 Tender Month: June | Tender Year: 2011 | Tender Type: P1/F2

Show | Export

List of Works with Technical sanction, BoQ, Tender & Quotation but without Awarding

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr.No.	Work Number	Work Description	Split Work Number	Split Work Description	TS Type & Date	TS Amount	BOQ Amount	Tender Amount	Tender Opening Date
1	3/1	Imp. to Malud Morada road	3/1/2	Imp. to Malud Morada road	Original - 2011-01-08	213312.00	934326.830000	934326.83	2011-06-03

Figure 83: Works with TS, BoQ, Tender, Quotation & No Awarding Report

11.1.17. Works with TS, BoQ, Tender, Quotation & Awarding

By selecting [Works -> Reports -> Report Options](#) → [Works with TS, BoQ, Tender, Quotation & Awarding](#), displays the report showing the list of works for which the Technical Sanction, BoQ, Tender, Quotation and contract awarding has been entered.

Based on Awarding Date Works with TS, BOQ, Tender, Quotations & Awarding report is generated for the Works getting the Awarding date in the selected month and year.

Show Report Options

WORKS WITH TS, BOQ, TENDER, QUOTATION AND AWARDING

Awarding Month: September Awarding Year: 2011

Show Export

List of Works with Technical sanction, BoQ, Tender, Quotation & Awarding

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr.No.	Work Number	Work Description	Split Work Number	Split Work Description	TS Amount	BOQ Amount	Tender Amount	Contractor Name	Agreement No	Commencement Date	Expected Completion Date
1	3/5	Imp. to Gurujanga Keranga road	3/5/1	Imp. to Gurujanga Keranga road	500000.00	183940.00	183940.00	Amina Barisal	4	2011-09-07	2012-01-07
2	3/14	FDR to Khamanga Brahmana Sarangi road	3/14/1	FDR to Khamanga Brahmana Sarangi road	100000.00	5270973.90	76514.32	Anil Kr Prusty	4	2011-09-30	2011-11-30

Figure 84: Works with TS, BoQ, Tender, Quotation and Awarding Report

11.1.18. Quotation Details

By selecting [Works -> Reports -> Report Options](#) → [Quotation Details](#), displays the report showing the details of the Agreement Register.

Based on selected Work and contractor, Quotation Details report can be generated.

Show Report Options

QUOTATION DETAILS

Work Name: FDR to Khamanga Brahmana Sarangi road *

Contractor: Anil Kr Prusty *

Show Export

Quotation Details

Division	RURAL WORKS DIVISION, BHUBANESWAR
Parent Work Number	3/14
Parent Work Description	FDR to Khamanga Brahmana Sarangi road
Work Number	3/14/1
Work Description	FDR to Khamanga Brahmana Sarangi road
Contractor Name	Anil Kr Prusty
Tender Amount	76514.32 Rs.
Quoted Amount	74984.03 Rs.
Quoted Percentage	2.00

Figure 85: Quotation Details Report

11.1.19. Quotation Comparison Statement

By selecting [Works -> Reports -> Report Options](#) → [Quotation Comparison Statement](#), displays the report showing the details of the Agreement Register

Based on selected work and contractor, Quotation Comparison Statement report can be generated.

Show Report Options

QUOTATION COMPARISON STATEMENT

Work Name: Imp. to Malud Morada road *

Contractor (c1): Abani Kumar Baliarsingh

Contractor (c2): Sachidananda Jena

Contractor (c3): Yudhistir Baliar Singh

Show Export

Quotation Details

Division : RURAL WORKS DIVISION, BHUBANESWAR

Parent Work Number : 3/1

Parent Work Description : Imp. to Malud Morada road

Work Number : 3/1/2

Work Description : Imp. to Malud Morada road

Tender Amount (Rs)	Abani Kumar Baliarsingh		Sachidananda Jena		Yudhistir Baliar Singh	
	Quoted Amount (Rs)	Quoted Percentage	Quoted Amount (Rs)	Quoted Percentage	Quoted Amount (Rs)	Quoted Percentage
934326.83	981043.17	5.00% Above	953013.37	2.00% Above	971699.90	4.00% Above

Figure 86: Quotation Comparison Statement Report

11.1.20. Agreement Register

By selecting [Works -> Reports -> Report Options](#) → [Agreement Register](#), displays the report showing the details of the Agreement Register.

Show Report Options

AGREEMENT REGISTER

Awarding Month: June

Awarding Year: 2011 *

Show Export

Agreement Register

Division : RURAL WORKS DIVISION, BHUBANESWAR

SR. No.	Contractor/Agency Name	Class of Contractor/ Agency	Name of Work	Agreement Value	Date of Commencement	Stipulated Date of Completion
1	Anil Kir Prusty	A	Gayabandha Olasingh under 2450	40,440.87	15/06/2011	15/06/2012
2	Ajay Kumar Samantaray	B	06-June-2011 test work 1	10,450.00	29/06/2011	29/05/2012
3	Abc	A	Regular work:3/1319 Rural works subdivision No-1 Bhubaneswar, No:1	380,000.00	03/06/2011	03/06/2012
4	Zayad	A	Deposit works:Regular work:3/1320, Rural works subdivision No-1, Bhubaneswar	66,328.50	03/06/2011	03/06/2013
5	Abc	A	yutyutyu	922.00	02/06/2011	02/06/2013

Figure 87: Agreement Register Report

11.1.21. Agreement Details

By selecting [Works -> Reports -> Report Options](#) → [Agreement Details](#), displays the report showing the details of the Agreement Register.

Based on selected Work Agreement details can be generated.

Show Report Options

AGGREEMENT DETAILS

Work Name: FDR to Ratamati Sarapari road Reach-I

Show Export

Aggrement Details

Division : RURAL WORKS DIVISION, BHUBANESWAR

Parent Work Number : 3/16

Parent Work Description : FDR to Ratamati Sarapari road

Work Number : 3/16/1

Work Description : FDR to Ratamati Sarapari road Reach-I

Contractor Name : Alokendu Dash

Aggreement No : 43

Work Period : 15 Months.

Date Of Commencement : 06-09-2011

Expected Date Of Completion : 06-12-2012

Sr. No.	Item Code	Item Description	Unit	Quantity	Item Rate (Rs)	Awarded Amount(Rs)
1	4	Earth work in Slushy soil (in water up to 0.6m. depth requiring the aid of pans and vessels) within 50m. initial lead and 1.5m. initial lift as per the direction approved by the Department.	cum	80.0000	100.00	8000.00

Figure 88: Agreement Details Report

11.1.22. Works Awarded but No RA Bill Raised

By selecting [Works -> Reports -> Report Options](#)→ [Works Awarded but No RA Bill Raised](#), displays the report showing the list of works for which the Technical Sanction, BoQ, Tender, Quotation and contract awarding has been entered but there is no RA Bill generated.

Based on Scheme, District, Taluka, Constituency, Awarding month and year Works Awarded & No RA bill raised report can be generated

Show Report Options

WORK AWARDED AND NO RA BILL IS RAISED

Scheme: --Select-- District: --Select--

Taluka: --Select-- Constituency: --Select--

Award Month: --Select-- Award Year: 2012 *

Show Export

Work Awarded and No RA Bill is Raised

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr. No.	Work Number	Work Description	Scheme	Constituency	Agreement No	Contractor	Agreement Amount	Award Date	Agreement Type
1	3/9/1	Imp. to Rambhabill Clasing road	CWA	Bhubaneswar	12	ABC100	400123399582.00	24/01/2012	Percent Rate
2	3/12/1	Imp. to Constn. of H.L. bridge at over river RAJUA on Mandarbasta Kalyanpur road	Ashwasit Jawahar Rojgar Yojana	Bhubaneswar	543	ABC10	9.00	17/04/2012	Percent Rate
3	3/7/2	Imp. to Malud Budhibar road	CWA	Bhubaneswar	das	ABC1005	40007.00	10/01/2012	Item Rate
4	3/8/3	Imp. to N.H.5 to Balianta road	CWA	Bhubaneswar	1	ABC0	20769.97	01/03/2012	Percent Rate

Figure 89: Works Awarded and No RA Bill Raised Report

11.1.23. Works Awarded & RA Bill is Raised

By selecting [Works -> Reports -> Report Options -> Works Awarded & RA Bill is Raised](#), displays the report showing the list of works for which the Technical Sanction, BoQ, Tender, Quotation, contract awarding along with the RA Bill is generated.

Based on Scheme, District, Taluka, Constituency, Awarding month and year Works Awarded & RA bill raised report can be generated

Show Report Options

WORK AWARDED AND RA BILL IS RAISED

Scheme: --Select-- District: --Select--

Taluka: --Select-- Constituency: --Select--

Award Month: --Select-- Award Year: 2012 *

Show Export

Work Awarded and RA Bill is Raised

Division : RURAL WORKS DIVISION, BHUBANESWAR Amount in Rs.

Sr. No.	Work Number	Work Description	Scheme	Constituency	Agreement No	Contractor	Award Date	Agreement Type	RA Bill No	RA Bill Date
1	3/3/1	Budhipada Aringal road under CWA	CWA	Bhubaneswar	212	ABC10	24/04/2012	Percent Rate	1	2012-04-24
2	3/8/1	N.H.5 to Balianta road under 37158	CWA	Bhubaneswar	12	ABC100	09/01/2012	Percent Rate	3	2012-01-10
3	3/24/1	Impv. to N.H.5 to Retanga Rly. Station road	Finance Comission Award	Bhubaneswar	213	Abc	17/04/2012	Percent Rate	1	2012-04-24
4	3/8/2	Imp. to N.H.5 to Balianta road	CWA	Bhubaneswar	12	ABC100	23/01/2012	Percent Rate	2	2012-01-23

Figure 90: Works Awarded and RA Bill Raised Report

11.1.24. Closed Split Works

By selecting [Works -> Reports -> Report Options](#)→ [Closed Split Works](#), displays the report showing the list of split works, which have been completed or closed.

Based on closed split work month and year Closed Split Works report can be generated.

Show Report Options

CLOSED SPLIT WORKS

Closed Month: --Select-- Closed Year: 2011

Show Export

List of closed split works

Division : RURAL WORKS DIVISION, BHUBANESWAR

Sr.No.	Work Number	Work Description	Split Work Number	Split Work Description	Date of Closing
1	3/5	Imp. to Gurujanga Keranga road	3/5/1	Imp. to Gurujanga Keranga road	2011-10-05
2	3/11	Imp. to Tankapani Bentapur	3/11/1	Imp. to Tankapani Bentapur	2011-06-09
3	3/13	Imp. to Construction of OSRRA Cell at Secretaryate BBSR	3/13/1	Imp. to Construction of OSRRA Cell at Secretaryate BBSR	2011-07-07
4	3/13	Imp. to Construction of OSRRA Cell at Secretaryate BBSR	3/13/2	Imp. to Construction of OSRRA Cell at Secretaryate BBSR	2011-07-07
5	3/13	Imp. to Construction of OSRRA Cell at Secretaryate BBSR	3/13/3	Imp. to Construction of OSRRA Cell at Secretaryate BBSR	2011-07-02
6	3/13	Imp. to Construction of OSRRA Cell at Secretaryate BBSR	3/13/4	Imp. to Construction of OSRRA Cell at Secretaryate BBSR	2011-07-07
7	3/13	Imp. to Construction of OSRRA Cell at Secretaryate BBSR	3/13/5	Imp. to Construction of OSRRA Cell at Secretaryate BBSR	2011-07-07

Figure 91: Closed Split Works Report

11.1.25. Closed Works

By selecting [Works -> Reports -> Report Options](#)→ [Closed Works](#), displays the report showing the list of works, which are completed or closed.

Based on closed work month and year Closed Works report can be generated.

Show Report Options

CLOSED WORKS REPORT

Closed Month: --Select-- Closed Year: 2011

Show Export

Completed Works Details

Division : RURAL WORKS DIVISION, BHUBANESWAR

Sr.No.	Work Number	Work Description	Contractor Name	Agreement Number	Date of Final Payment	Date of Actual Completion	Date of Closing
1	3/5	Imp. to Gurujanga Keranga road	Amita Barisal	4	--	--	05/10/2011
2	3/005B	S/R to Kapileswardev High School, Jalvara for 2009-10 ie construction of compound wall RART-B	Pradyumna Kumar Baral	2308 F2 / 2009-10	--	22/03/2010	27/06/2011

Figure 92: Closed Works Report

11.1.26. Schedule A Details

By selecting [Works -> Reports -> Report Options](#)→ [Schedule A Details](#), following screen is displayed showing the list of works having Schedule A details.

Based on selected works Schedule A reports can be generated.

Show Report Options

SCHEDULE A DETAILS

Work Name: Impv. to N.H.5 to Kuhudi Soran road

Show Export

Schedule A Details

Division : RURAL WORKS DIVISION, BHUBANESWAR
 Parent Work Number: 3/27
 Parent Work Description: Impv. to N.H.5 to Kuhudi Soran road
 Work Number: 3/27/1
 Work Description: Impv. to N.H.5 to Kuhudi Soran road

Sr.No.	Item Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
1	Stone Product	Kilograms	16.00	50.00	800.00
2	Granite products	Centimeters	12.00	50.00	600.00
Total					1,400.00

Figure 93: Closed Works Report

11.1.27. Show Duration Between Stages

By selecting [Works](#) -> [Reports](#) -> [Report Options](#) → [Show Duration Between Stages](#), following screen is displayed showing the duration between various stages of the life cycle of the work.

This report displays the duration taken between various stages of works.

Show Report Options

DURATION WISE PROPOSAL DETAILS

Show Export

Duration Wise Proposal Details

Division : RURAL WORKS DIVISION, BHUBANESWAR

Sr.No.	Work Number	Work Description	AA Date	TS Date	Duration B/w AA & TS (in Days)	Award Date	Duration B/w TS & Award (in Days)	RA Bill Date	Duration B/w Awarding & RA Bill Raised (in Days)
1	2	3	4	5	6	7	8	9	10
1	3/1	Imp. to Malud Morada road	03/05/2010	12/05/2011	374	30/05/2011	18	01/06/2011	2
2	3/2	Bhingarpur Kurangapradhan road under CWA	--	--	--	--	--	--	--
3	3/3	Budhipada Aringal road under CWA	--	--	--	--	--	--	--
4	3/4	Gayabandha Olasing road under CWA	--	--	--	--	--	--	--
5	3/5	Imp. to Gurujanga Keranga road	--	--	--	--	--	--	--
6	3/6	Imp. to Khamanga Brahman sarangi road	--	--	--	--	--	--	--
7	3/7	Imp. to Malud Budhibar road	--	--	--	--	--	--	--
8	3/8	N.H.5 to Balianta road under 37158	--	--	--	--	--	--	--
9	3/9	Imp. to Rambhabill Olasing road	--	--	--	--	--	--	--
10	3/10	Imp. to Samantarapur Baruneihill road	--	--	--	--	--	--	--
11	3/11	Imp. to Tankapani Bentapur	--	--	--	--	--	--	--

Average Time Taken	
From AA to TS	10days
From TS to Awarding	1days
From Awarding to RA Bill	1days
More Time Taken	
From AA to TS	10days

Figure 94: Duration Between Stages Report

Note: 1) You must have the privileges to view the reports.

11.2. Monthly Progress Report

By selecting [Works](#) -> [Reports](#) -> [Monthly Progress Report](#), screen is displayed. This screen is used to view Monthly Progress report of the works at a glance.

Based on selected filters Work Type, Scheme, District, Taluka and Constituency Monthly Progress report is generated.

MONTHLY PROGRESS REPORT

Work Type: State Plan * Scheme: No Scheme

District: --Select-- Taluka: --Select--

Constituency: --Select--

Monthly Progress Report

Division : RURAL WORKS DIVISION, BHUBANESWAR

Sr.No.	Work Number	Work Description	District	Taluka	Constituency	Scheme	AA Date	Agreement No	Contractor Name	Commencement Date	Expected Completion Date
1	3/703	Paid to Destination Point towards payment of Outsourceing persion	Khordha	--	Bhubaneswar Central	No Scheme	--			--	--
	3/703/1	Paid to Destination Point towards payment of Outsourceing persion						--	--		
2	3/704	Paid to EXCEL TRAVEL towards payment of hire charges of vehicles	Khordha	--	Bhubaneswar Central	No Scheme	--			--	--
	3/704/1	Paid to EXCEL TRAVEL towards payment of hire charges of vehicles						--	--		
3	3/705	Paid to Inter Science Institute of Management amd Technology BBSR towards payment for Training	Khordha	--	Bhubaneswar Central	No Scheme	--			--	--
	3/705/1	Paid to Inter Science Institute of Management amd Technology BBSR towards payment for Training programme of Technical persions						--	--		

Figure 95: Monthly Progress Report Screen

Note: 1) You must have the privileges to view the reports.

11.3. Scopewise Progress Report

By selecting [Works](#) -> [Reports](#) -> [Scopewise Progress Report](#), screen is displayed. This screen is used to view Scopewise Progress report of the works at a glance.

Based on parent work and its splitted work Scopewise progress report can be generated.

WORK SCOPE PROGRESS

Parent Work : * [Search](#)

Splitted Work : *

Show
Export

Scope Wise Progress For Work

Division : RURAL WORKS DIVISION, BHUBANESWAR

Name of work : FDR to Ratamati Sarapari road Reach-I

Sr.No.	Scope	Total Units to be completed	Total Units Completed	% of Physical Work Done	Total Sanctioned Cost	Total Expenditure Upto	% of Financial Amount	Status	% Deviation in Physical	% Deviation in Financial
1	No Scope	108,007.00	108,007.00	0.00	400,200,028.00	400,200,028.00	0.00	In Progress	0.00	0.00
2	EarthWork	130.00	130.00	100.00	13,000.00	13,000.00	100.00	In Progress	0.00	0.00
3	Cement Concrete	7,490.20	102.00	1.36	1,216,897.63	11,562.71	0.95	In Progress	98.64	99.05
4	Brick works	2.00	2.00	100.00	242.00	242.00	100.00	In Progress	0.00	0.00
Total		115,629.20	108,241.00	93.62	401,430,167.63	400,224,832.71	99.70	In Progress	6.39	0.30

Figure 96: Scopewise Progress Report Screen

Note: 1) You must have the privileges to view the reports.

12. Billing Masters Details

12.1. Recovery Master

Selecting [Billing -> Masters -> Recovery Master](#), displays 'Recovery Master' screen. This screen is used to enter the master data of various recovery types.

RECOVERY MASTER							Amount in Rs.
Sr.No.	Recovery Type	Contractor Class	Range	Amount / Percent	Edit	Delete	
1	CESS	-	--	1.000 %			
2	CR I	-	--	.000 Rs			
3	GPF	-	--	1.000 %			
4	Income Tax (I.Tax)	-	1000 To 10000	1.000 %			
5	Income Tax (I.Tax)	-	10001 To 20000	2.000 %			
6	Professional Tax (PT)	-	--	20.000 %			
7	Royalty	-	--	5.000 %			
8	Sales Tax (S.T.)	Super	--	10.000 %			
9	Security Deposit (SD)	Special	--	5.000 %			
10	Security Deposit (SD)	Super	--	5.000 %			
11	Security Deposit (SD)	B	--	4.000 %			

ADD RECORD

Fields marked with an asterisk * are required.

Recovery Type: *

Contractor Class / Bill Amount / Flat: Contractor Class Bill Amount Flat *

Percent / Amount: Percent Amount *

Percent: *

Figure 97: Recovery Master Entry Screen

RECOVERY MASTER							Amount in Rs.
Sr.No.	Recovery Type	Contractor Class	Range	Amount / Percent	Edit	Delete	
1	CESS	-	--	1.000 %			
2	CR I	-	--	.000 Rs			
3	GPF	-	--	1.000 %			
4	Income Tax (I.Tax)	-	1000 To 10000	1.000 %			
5	Income Tax (I.Tax)	-	10001 To 20000	2.000 %			
6	Professional Tax (PT)	-	--	20.000 %			
7	Royalty	-	--	5.000 %			
8	Sales Tax (S.T.)	Super	--	10.000 %			
9	Security Deposit (SD)	Special	--	5.000 %			
10	Security Deposit (SD)	Super	--	5.000 %			
11	Security Deposit (SD)	B	--	4.000 %			

Figure 98: Recovery Master Details Screen

Field Description:

Recovery Type: Select for which type of recovery is to be added.

Contractor Class / Bill Amount / Flat: Select the category of recovery type to be added as Contractor Class / Bill Amount / Flat.

Contractor Class: Select the class of the contractor.

Bill Amount Range: Provide the range for Bill Amount.

Percent / Amount: Select whether calculation is done according to percent or amount.

Percent: Enter percent for recovery.

Amount: Enter amount for recovery.

13. Billing

13.1. RA Bill Details

Selecting [Billing](#) -> [Bill Info](#) -> [RA Bill Details](#), displays 'RA Bill Details' screen. This screen is used to enter the details of the RA Bills generated for the work completed by the contractors for the selected work.

This screen is used to generate the RA Bills based on the measurements taken by the Junior Engineer for the volume of work completed. The entries for the Bill will be done first by the Junior Engineer (JE) and after finalization of the Bill by JE the bill will be presented to Assistant Engineer (AE) for verification and after finalization at AE level, the bill will be presented to Auditor. After finalization at Auditor level the bill will be presented to Divisional Accountant (DA). After DA finalizes the bill the bill will be presented to Executive Engineer (EE) for final approval. Once the Executive Engineer (EE) finalizes the bill the bill is considered to be ready for Payment. In RA Bill reports there will be a message displayed as "Preparation Mode" until the Executive Engineer finalizes the bill.

Figure 99: RA Bill Entry Screen

Sr. No.	RA Bill No.	RA Bill Date	Edit	Delete	Bill Items	Roylty Calculation	Recoveries	MB Record	Finalize
1	1	01/06/2011							

Figure 100: RA Bill Details Screen

Field Description:

RA Bill No: Enter the RA Bill Number (default auto generated number is displayed)

RA Bill Date: Select the date of RA Bill

Whether Final Bill: Select whether the Bill is First & Final, RA or RA & Final

Remarks: Enter the remarks if any.

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the latest Bill entry click on the "View" link.

8) To view the details of the RA Bill select the Work through "Search" link.

9) To view or enter the Bill Items for the RA Bill click on "Bill Items" link.

10) To view or enter the Royalty for the RA Bill click on "Royalty Calculation" link.

11) To view or enter the Recoveries for the RA Bill click on "Recoveries" link.

12) To view or enter the MB details for the RA Bill click on "MB Record" link.

13) To finalize the RA Bill click on the "Finalize" link.

14) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

13.2. Bill Items

Selecting **Billing -> Bill Info -> Bill Items**, displays 'Bill Items' screen. By selecting the link "Bill Items" the screen-displayed can be used for entering the details of the BoQ Items executed in the current bill for the selected work.

This screen is used to enter the upto date quantity or executed quantity or upto measurements or executed measurements for the selected BoQ Items in the current bill.



The screenshot shows the 'Bill Items Selection Screen'. At the top, there is a 'View' button with a dropdown arrow. Below it is a section titled 'RA BILL DETAILS' with the following information:

Parent Work Number	3/1		
Parent Work Description	Imp. to Malud Morada road		
Work Number	3/1/1		
Work Description	Imp. to Malud Morada road		
RA Bill No		RA Bill Date	

Below this, there are links: 'ShowAll', 'Show', 'SelectAll', 'Deselect All', and 'Invert Selection'. The main section is titled 'RA BILL ITEMS' and contains a table with the following headers: 'Sr. No.', 'Select', 'BoQ Item No.', 'Item Code', and 'Item Description'. The table is currently empty, with the text 'No Record To Display' shown below it. A 'Back' button is located at the bottom left of the screen.

Figure 101: Bill Items Selection Screen



The screenshot shows the 'Bill Items Entry Screen'. At the top, there is a 'View' button with a dropdown arrow. Below it is a section titled 'RA BILL DETAILS' with the following information:

Parent Work Number	3/1		
Parent Work Description	Imp. to Malud Morada road		
Work Number	3/1/1		
Work Description	Imp. to Malud Morada road		
RA Bill No	2	RA Bill Date	14/06/2011

Below this, there are links: 'ShowAll', 'Show', 'SelectAll', 'Deselect All', and 'Invert Selection'. The main section is titled 'RA BILL ITEMS' and contains a table with the following headers: 'Sr. No.', 'BoQ Item No.', 'Item Description', 'Executed/Upto Date', 'Executed/Upto Date Measurements(No*L*B*D)/Quantity', 'Rate', 'Amount', and 'Remarks'. The table contains one entry:

Sr. No.	BoQ Item No.	Item Description	Executed/Upto Date	Executed/Upto Date Measurements(No*L*B*D)/Quantity	Rate	Amount	Remarks
1	1	13-1-68 : Providing 37.50 mm thick B.U.S.G. including cost conveyance of all materials etc complete including hire running charges of PRR bitumen with cost, conveyance, taxes royalties of all materials bitumen labour TandP etc. all completed.	<input checked="" type="radio"/> Executed <input type="radio"/> UpTo Date	0.0000 * Executed Quantity	139.85 *	12775.30	
Total :						12,775.30	

Below the table, there are buttons: 'Save' and 'Back'.

Figure 102: Bill Items Entry Screen

RA BILL DETAILS	
Parent Work Number	3/1
Parent Work Description	Imp. to Malud Morada road
Work Number	3/1/1
Work Description	Imp. to Malud Morada road
RA Bill No	RA Bill Date

RA BILL ITEMS BY JE										
Sr. No.	BoQ Item No.	Item Code	Item Description	BoQ Quantity	Executed Quantity	Upto Date Quantity	Amount	Remarks	Edit	Delete
No Record To Display										

Figure 103: Bill Items Details Screen

Field Description:

Item Description: Displays the Item Description for which the quantity is being entered

Executed / Upto Date: Select whether entering Executed or Upto Date Quantity or Measurement

Measurement / Quantity: Enter the Executed or Upto date Measurement or Quantity for the BoQ item

Rate: Displays the awarded rate for calculation of the amount of the bill

Amount: Displays the amount calculated for the item as (upto date quantity * rate).

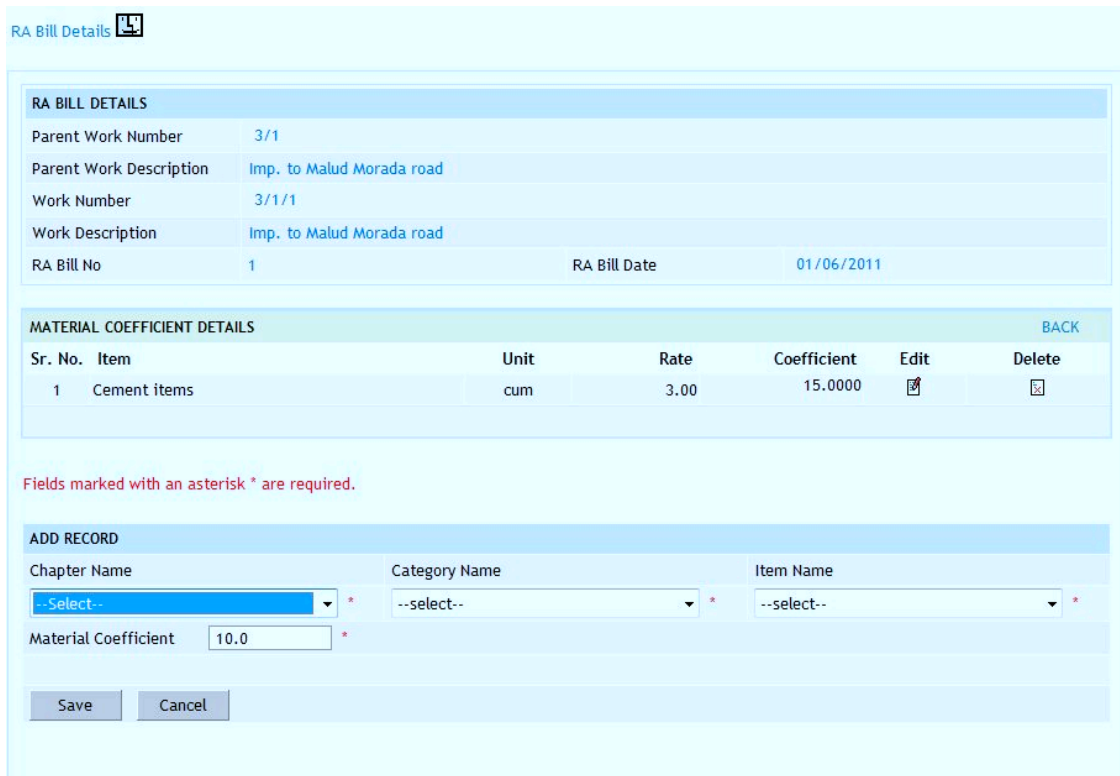
Remarks: Enter remarks if any


- Note:
- 1) To add new entry click on the "Add" link.
 - 2) To edit the details click on the "Edit" link.
 - 3) To save the entered values click on the "Save" button.
 - 4) To save the modified values click on the "Update" button.
 - 5) To cancel the entry or the modification click on the "Cancel" link.
 - 6) To delete the entry click on the "Delete" link.
 - 7) To view the list of items entered click on the "View" link.
 - 8) To view the details of the bill select the Work through "Search" link.
 - 9) To add more items in the bill click on "Add More" button.
 - 10) To delete all items from the bill click on "Delete All" button.
 - 11) To view the bill click on "Back" button.
 - 12) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

13.3. Royalty Calculations



Selecting **Billing -> Bill Info -> Royalty Calculations**, displays 'Royalty Calculations' screen. This screen is used to calculate the Royalty to be applied on the material used as per the Rate Analysis of the Bill of Quantity (BoQ) Item in the current bill for the selected Work.

The material coefficients are automatically added in the Bill based on the BoQ Items Rate Analysis entered in the Schedule of Rates module.



RA Bill Details 

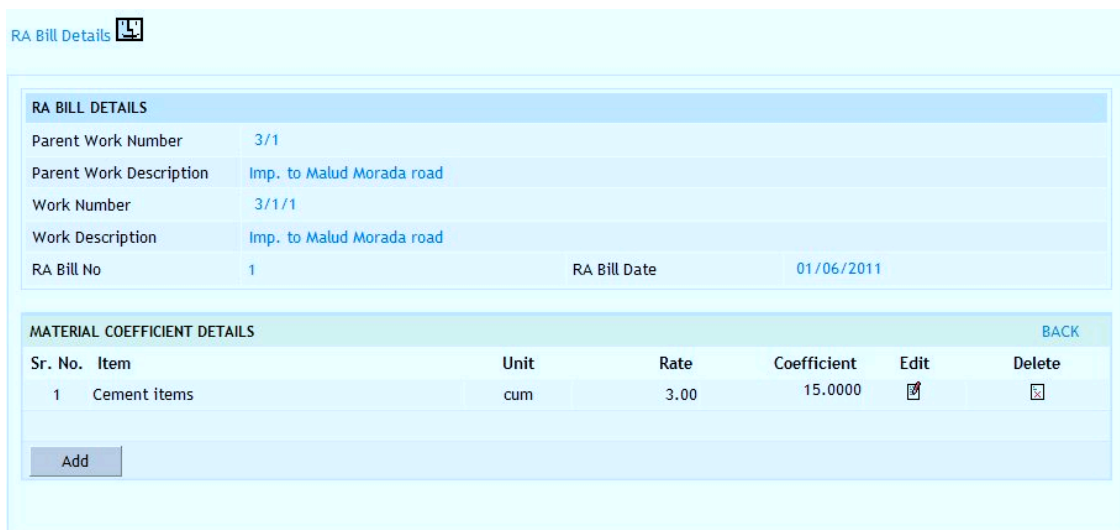
RA BILL DETAILS			
Parent Work Number	3/1		
Parent Work Description	Imp. to Malud Morada road		
Work Number	3/1/1		
Work Description	Imp. to Malud Morada road		
RA Bill No	1	RA Bill Date	01/06/2011


MATERIAL COEFFICIENT DETAILS							BACK
Sr. No.	Item	Unit	Rate	Coefficient	Edit	Delete	
1	Cement items	cum	3.00	15.0000			

Fields marked with an asterisk * are required.



ADD RECORD			
Chapter Name	Category Name	Item Name	
--Select-- *	--select-- *	--select-- *	
Material Coefficient	10.0 *		
Save		Cancel	

Figure 104: Royalty Calculations Entry for Item Screen



RA Bill Details 

RA BILL DETAILS			
Parent Work Number	3/1		
Parent Work Description	Imp. to Malud Morada road		
Work Number	3/1/1		
Work Description	Imp. to Malud Morada road		
RA Bill No	1	RA Bill Date	01/06/2011

MATERIAL COEFFICIENT DETAILS							BACK
Sr. No.	Item	Unit	Rate	Coefficient	Edit	Delete	
1	Cement items	cum	3.00	15.0000			

Add

Figure 105: Royalty Calculation for Item Screen

RA Bill Details

RA BILL DETAILS			
Parent Work Number	3/1		
Parent Work Description	Imp. to Malud Morada road		
Work Number	3/1/1		
Work Description	Imp. to Malud Morada road		
RA Bill No	1	RA Bill Date	01/06/2011

ROYALTY CALCULATION DETAILS				Amount in Rs.
Sr. No.	Item Id	Item Description	Upto Date Quantity	Edit
1	13-1-69	Providing 20mm thick premix carpet after scrapping cleaning road with 14.60kg/10sqm area with penetration grade of bitumen heating, pouring and spreading precoated chips using 18cum of 13.2mm and 0.09cum of 6mm size BHG crusher brokek chips at 10sqm and rolling with PRR including hire and running charges of PRR cost of bushes, other mechineries with cost conveyance, royalties, taxes of al materials and labour TandP required for the work etc. complete for finished item of work as per direction of Engineer in charge	91.3500	
2	13-1-68	Providing 37.50 mm thick B.U.S.G. including cost conveyance of all materials etc complete including hire running charges of PRR bitumen with cost, conveyance, taxes royalties of all materials bitumen labour TandP etc. all completed.	91.3500	
UpTo Date Royalty:		4,111.00		
Since Previous Recovered Royalty:		0.00		
Actual Royalty:		4,111.00		

Figure 106: Royalty Calculation Screen

Field Description:

Chapter: Select the Chapter for the Item

Category: Select the Category of the Item

Item Name: Select the Item Name for which the Coefficient needs to be entered

Unit: Unit of the selected Item will be shown.

Rate: Displays the Item rate

Coefficient: Enter the Coefficient for the Item.

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

- 7) To view the list of Items entries click on the "Edit" link.
- 8) To view the details of the Royalty Calculations select the Work through "Search" link.
- 9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

13.4. Bill Recoveries

Selecting [Billing](#) -> [Bill Info](#) -> [Bill Recoveries](#), displays 'Bill Recoveries' screen. This screen is used to enter the recovery details to be recovered from the Contractor from the current bill for the selected Work.

View

RA BILL DETAILS			
Parent Work Number	3/1		
Parent Work Description	Imp. to Malud Morada road		
Work Number	3/1/1		
Work Description	Imp. to Malud Morada road		
RA Bill No	1	RA Bill Date	01/06/2011

BILL RECOVERIES	
Fields marked with an asterisk * are required.	
RA Bill Number	<input type="text" value="1"/> *
Recovery Type	--select-- *
Recovery Column	<input type="radio"/> 5(B) <input checked="" type="radio"/> 8(A)

SELECT RECOVERY (BILL AMOUNT : RS. 21462.68)							Amount in Rs.
Sr. No.	Select	Dependent On	Class / Range	Recovery	Amount	Remark	
No Record To Display							

Figure 107: Bill Recoveries Entry Screen

RA BILL DETAILS			
Parent Work Number	3/1		
Parent Work Description	Imp. to Malud Morada road		
Work Number	3/1/1		
Work Description	Imp. to Malud Morada road		
RA Bill No	1	RA Bill Date	01/06/2011

BILL RECOVERIES				Amount in Rs.
Sr. No.	Recovery Type	Amount	Edit	Delete
1	Income Tax (I.Tax)	15.00		
Total Bill Amount		21,462.68		
Total Recovery Amount		15.00		

Add

Figure 108: Bill Recoveries Screen

Field Description:

Recovery Type: Select the Recovery Type to be entered

Recovery Column: Select the Column in which the Recovery needs to be displayed in RA Bill Reports

Recovery Option: Displays the various calculations based on the master entry. Select the option, which is required to be recovered from the bill

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the list of Recoveries entries click on the "View" link.

8) To view the details of the Recoveries select the Work through "Search" link.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

13.5. MB Record

Selecting **Billing -> Bill Info -> MB Record**, displays 'MB Record' screen. By selecting the link "MB Records" the screen-displayed can be used for entering the details of the Measurement Book (MB) for the selected work.

This screen is used to enter the details of Measurement Book Number, Page Numbers, Names of Junior Engineer, Assistant Engineer and Executive Engineer who have verified the current bill.

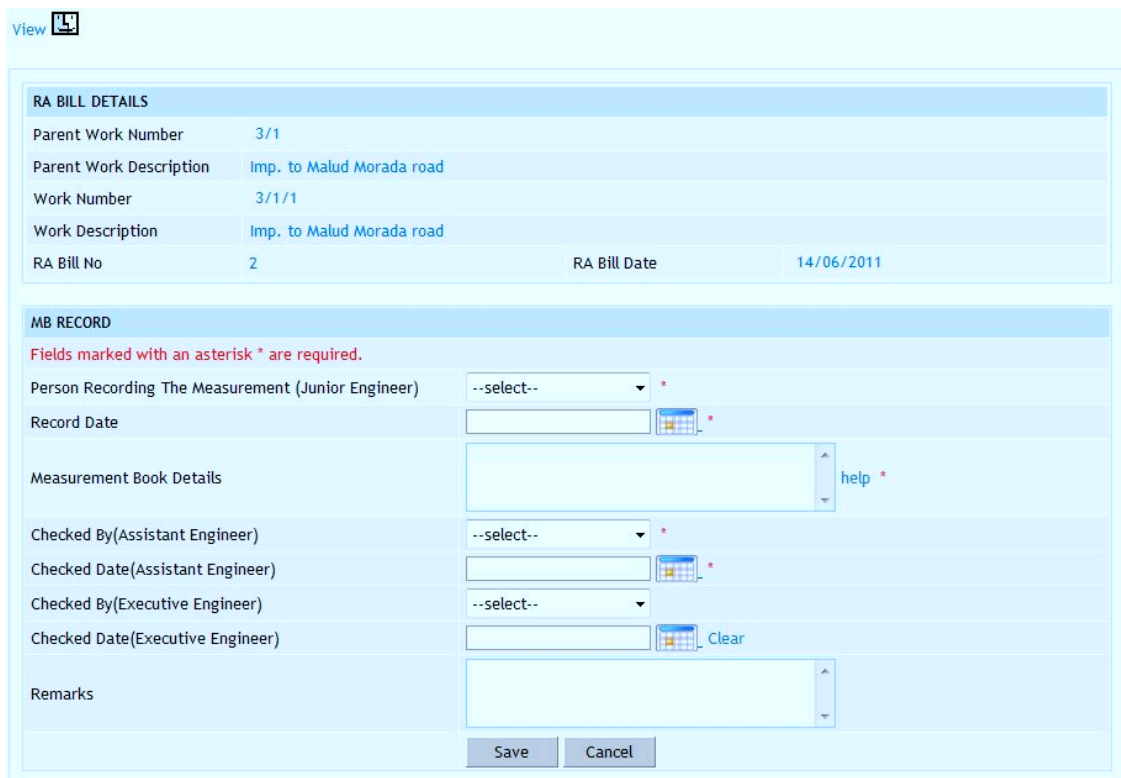


Figure 109: MB Record Entry Screen



Sr. No.	Recorded By(JE)	Measure Book Details	Record Date	Checked Date(AE)	Checked By(AE)	Checked Date(EE)	Checked By(EE)	Edit	Delete
1	Sri S. S. K. Nayak	Page No. 3 to 10 of MB No. 3456	01/06/2011	02/06/2011	Amarendra Kumar Mohapatra	03/06/2011	Harihar Sahoo		

Figure 110: MB Record Details Screen

Field Description:

Person Recording the Measurement: Select the name of the person taking the measurements (Junior Engineer)

Record Date: Select the date on which measurements were taken

Measurement Book Details: Enter the MB Number and the Page Numbers in which entries are made (Multiple MB Numbers and Page Numbers can be entered)

Checked Date (AE): Select the date on which measurements were checked by AE

Checked by (Assistant Engineer): Select the name of Deputy/Assistant Engineer

Checked Date (EE): Select the date on which measurements were checked by EE

Checked by (Executive Engineer): Select the name of the Executive Engineer

Remarks: Enter the remarks if any

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the list of items entered click on the "View" link.

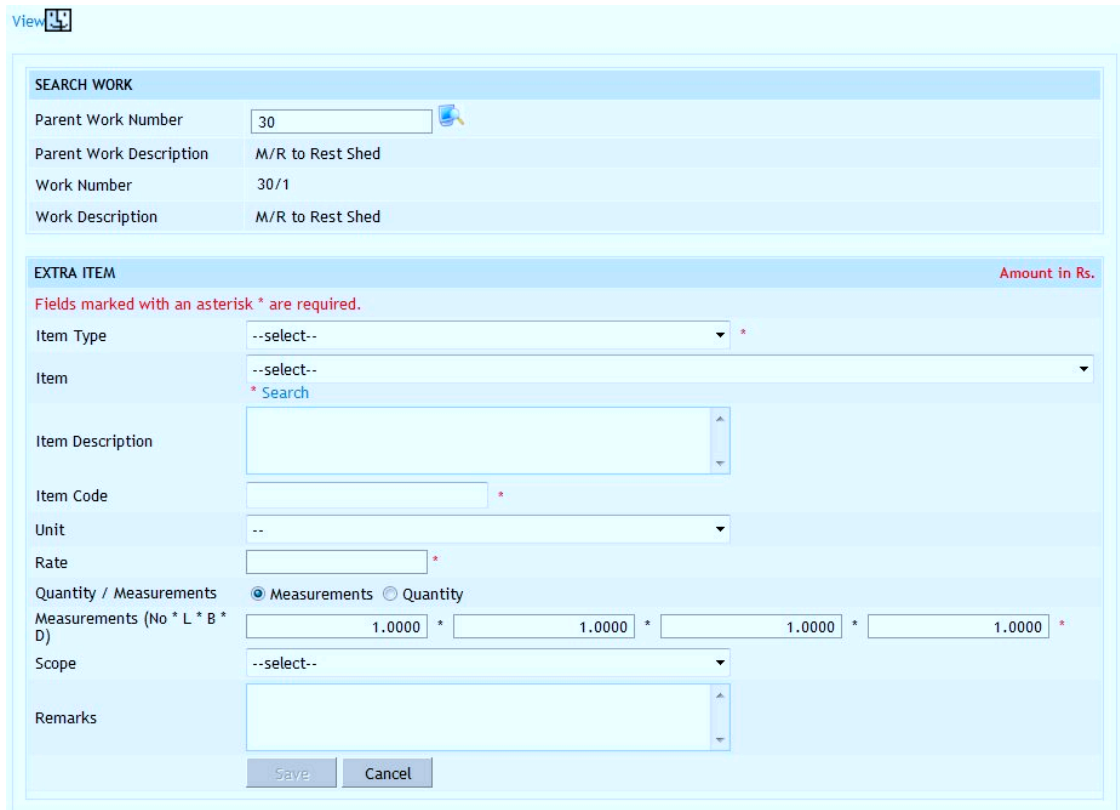
8) To view the details of the bill select the Work through "Search" link.

9) To view the bill click on "RA Bill Details" link.

10) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

13.6. Extra Items Details

Selecting **Billing -> Bill Info -> Extra Items**, displays 'Extra Items' screen. This screen is used to add extra items in the Bill of Quantity (BoQ) for the selected Work after the work is awarded or the execution of the work is started.



SEARCH WORK

Parent Work Number	30
Parent Work Description	M/R to Rest Shed
Work Number	30/1
Work Description	M/R to Rest Shed

EXTRA ITEM Amount in Rs.

Fields marked with an asterisk * are required.

Item Type: --select-- *

Item: --select-- * Search

Item Description: [Text Area]

Item Code: [Text Field] *

Unit: --

Rate: [Text Field] *

Quantity / Measurements: Measurements Quantity

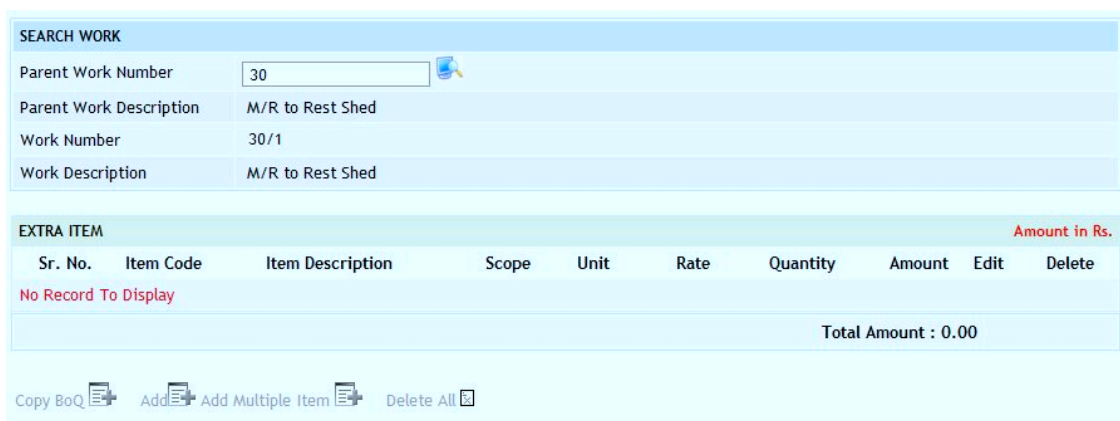
Measurements (No * L * B * D): [1.0000] * [1.0000] * [1.0000] * [1.0000] *

Scope: --select--

Remarks: [Text Area]

Buttons: Save, Cancel

Figure 111: Extra Items Entry Screen



SEARCH WORK

Parent Work Number	30
Parent Work Description	M/R to Rest Shed
Work Number	30/1
Work Description	M/R to Rest Shed

EXTRA ITEM Amount in Rs.

Sr. No.	Item Code	Item Description	Scope	Unit	Rate	Quantity	Amount	Edit	Delete
No Record To Display									
							Total Amount : 0.00		

Copy BoQ Add Add Multiple Item Delete All

Figure 112: Extra Items Screen

The SR Items can be searched and added in the Extra Item through the SR Item Search screen.

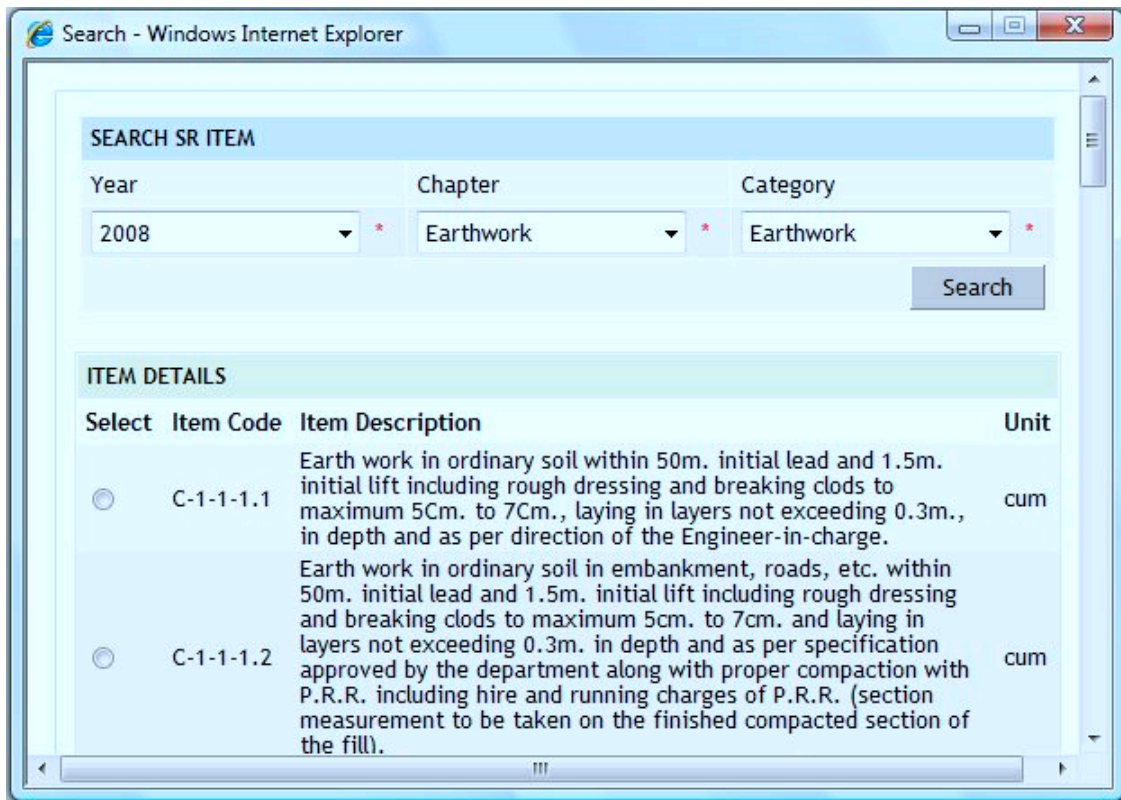


Figure 113: Search SR Items Screen

Adding multiple SR Items in one go and specifying the Measurements or the Quantity for each item can prepare the Extra Item.

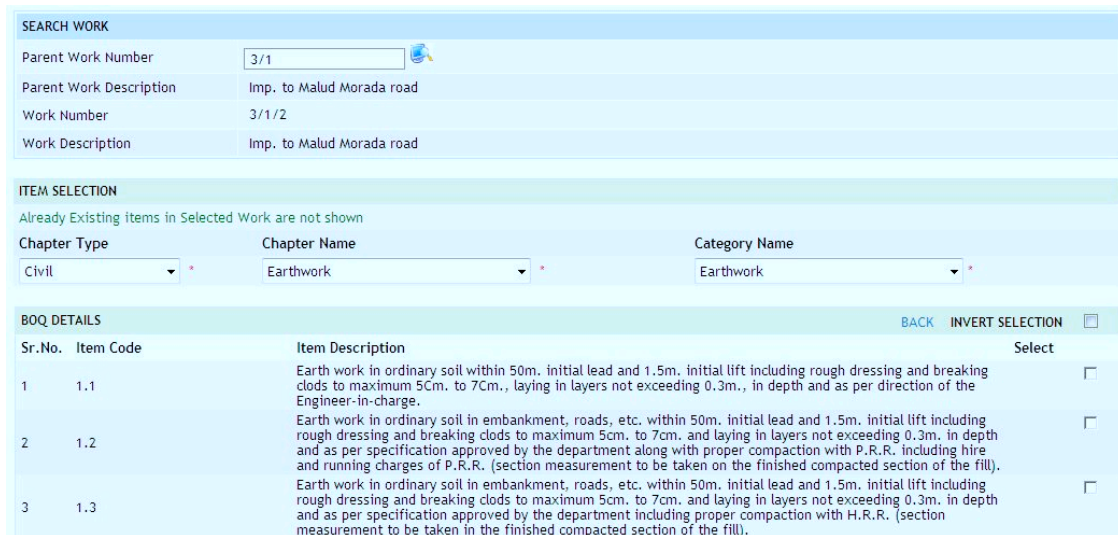


Figure 114: Adding Multiple Items in Extra Item Screen

The Extra Item can be prepared by copying Bill of Quantity Items from other works for which the Items are similar.

SEARCH WORK			
Parent Work Number	3/1		
Parent Work Description	Imp. to Malud Morada road		
Work Number	3/1/2		
Work Description	Imp. to Malud Morada road		

BOQ DETAILS			
BACK INVERT SELECTION <input type="checkbox"/>			
Already Existing items in Selected Work are not shown			
SELECT WORK 3/5/1-Imp. to Gurujanga Keranga road			
Sr.No.	Item Code	Item Description	Select
1	1.4	Earth work in ordinary soil in embankment and roads, etc. maximum laboratory dry density not less than 1.44gms./1.52gms./1.65gms. per cubic centimeter in road embankment respectively up to 3m./more than 3m. high and top 0.5m. below subgrade level, within 50m. initial lead and 1.5m. initial lift from approved borrow pits 5m. away from toe of the final section of the road embankment, bottom of the pit not being cut by an imaginary line having a slope 1:4 projected from the edge of the final section of the bank including rough dressing and breaking clods maximum 5cm. to 7cm. and laying in layer, each layer not exceeding 23cm. in depth up to required level including removal of roots, shrubs, bushes and all foreign debris from the earth and benching the old embankment, sectioning and cambering the earth work and conveyance of all materials. T & P articles required for the work and complete in all respect as per specification of work and direction of the Engineer-in-charge and to be measured on section measurement after compaction under O.M.C. condition (per 100 Cu.M.) including cost of controlled compaction with P.R.R., watering up to O.M.C. and confirming to approved specification including hire and running charges of P.R.R.	<input checked="" type="checkbox"/>
2	17.1	A) Column Footing	<input checked="" type="checkbox"/>
3	3	Brick work with K.B. bricks 25cm. x 12cm. x 8cm size having crushing strength not less than 75 Kg/cm2 with dimensional tolerance ± 8 percent in cement mortar (1:6) in foundation and plinth.	<input type="checkbox"/>

Copy Item BACK

Figure 115: Copying BoQ Items in Extra Item Screen

Field Description:

Item Type: Select the SR Item Type from the list populated

Item: Select the SR Item from the list populated

Item Description: Displays the Item Description for the selected Item.

Unit: Unit of the selected SR Item will be shown.

Rate: Displays the SR Item rate

Quantity/Measurement: Select whether entering Quantity or Measurement.

Quantity: Enter the Quantity to be executed for the Work.

Measurement: Enter the Measurements as Number, Length, Breadth and Depth.

Scope: Select the scope for the selected SR Item.

Remarks: Enter remarks if any.

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the list of Extra Items entries click on the "View" link.

8) To view the details of the Extra Items select the Work through "Search" link.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

13.7. Item Measurements For AE

By selecting [Billing -> Bill Info -> Item Measurements For AE](#), displays 'Item Measurements For AE' screen. This screen is used to modify, cancel or finalize the quantity and rate as entered by JE (Junior Engineer).

RA BILL DETAILS							
Parent Work Number	3/1						
Parent Work Description	Imp. to Malud Morada road						
Work Number	3/1/1						
Work Description	Imp. to Malud Morada road reach I						
RA Bill No	2 RA	RA Bill Date	11/08/2011				

RA BILL ITEMS BY AE							
Fields marked with an asterisk * are required.							
Sr. No.	BoQ Item No.	Item Description	Old Quantity	New Quantity	Old Rate	New Rate	
1	2	3.1 : Electrical Bulbs 5.1	45.0000	<input type="text" value="45.0000"/> *	2.00	<input type="text" value="2.00"/> *	
2	3	3.3 : Electrical Bulbs 5.3	99.9900	<input type="text" value="99.9900"/> *	4.00	<input type="text" value="4.00"/> *	

Update Back

Figure 116: Item Measurements for AE Entry Screen

VIEW RA BILL DETAILS BY AE							
Sr. No.	Work No	Work Description	RA Bill No	RA Bill Date	Details	Cancel	Finalize
1	3/1/1	Imp. to Malud Morada road reach I	2	11/08/2011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Figure 117: Item Measurements for AE Details Screen

13.8. Item Measurements For Auditor

By selecting [Billing -> Bill Info -> Item Measurements For Auditor](#), displays 'Item Measurements For Auditor' screen. This screen is used to modify, cancel or finalize the quantity and rate as entered by JE (Junior Engineer) and AE (Assistant Engineer).

RA BILL DETAILS							
Parent Work Number	3/1						
Parent Work Description	Imp. to Malud Morada road						
Work Number	3/1/1						
Work Description	Imp. to Malud Morada road reach I						
RA Bill No	2 RA	RA Bill Date	11/08/2011				

RA BILL ITEMS BY AUDITOR							
Fields marked with an asterisk * are required.							
Sr. No.	BoQ Item No.	Item Description	Old Quantity	New Quantity	Old Rate	New Rate	
1	2	3.1 : Electrical Bulbs 5.1	45.0000	<input type="text" value="45.0000"/> *	2.00	<input type="text" value="2.00"/> *	
2	3	3.3 : Electrical Bulbs 5.3	99.9900	<input type="text" value="99.9900"/> *	4.00	<input type="text" value="4.00"/> *	

Update Back

Figure 118: Item Measurements for Auditor Entry Screen




VIEW RA BILL DETAILS BY AUDITOR							
Sr. No.	Work No	Work Description	RA Bill No	RA Bill Date	Details	Cancel	Finalize
1	3/1/1	Imp. to Malud Morada road reach I	2	11/08/2011			

Figure 119: Item Measurements for Auditor Details Screen

13.9. Item Measurements For DAO

By selecting [Billing -> Bill Info -> Item Measurements For DAO](#), displays 'Item Measurements For DAO' screen. This screen is used to modify, cancel or finalize the quantity and rate as entered by JE (Junior Engineer), AE (Assistant Engineer) and Auditor.

RA BILL DETAILS							
Parent Work Number	3/1						
Parent Work Description	Imp. to Malud Morada road						
Work Number	3/1/1						
Work Description	Imp. to Malud Morada road reach I						
RA Bill No	2 RA	RA Bill Date	11/08/2011				

RA BILL ITEMS BY AE							
Fields marked with an asterisk * are required.							
Sr. No.	BoQ Item No.	Item Description	Old Quantity	New Quantity	Old Rate	New Rate	
1	2	3.1 : Electrical Bulbs 5.1	45.0000	<input type="text" value="45.0000"/> *	2.00	<input type="text" value="2.00"/> *	
2	3	3.3 : Electrical Bulbs 5.3	99.9900	<input type="text" value="99.9900"/> *	4.00	<input type="text" value="4.00"/> *	

Update Back

Figure 120: Item Measurements for DAO Entry Screen

VIEW RA BILL DETAILS BY DAO							
Sr. No.	Work No	Work Description	RA Bill No	RA Bill Date	Details	Cancel	Finalize
1	3/1/1	Imp. to Malud Morada road reach I	2	11/08/2011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Figure 121: Item Measurements for DAO Details Screen

13.10. Item Measurements For EE

By selecting [Billing -> Bill Info -> Item Measurements For EE](#), displays 'Item Measurements For EE' screen. This screen is used to modify, cancel or finalize the quantity and rate as entered by JE (Junior Engineer), AE (Assistant Engineer), Auditor and DAO (Divisional Accountant Officer).

RA BILL DETAILS							
Parent Work Number	3/1						
Parent Work Description	Imp. to Malud Morada road						
Work Number	3/1/1						
Work Description	Imp. to Malud Morada road reach I						
RA Bill No	2 RA	RA Bill Date	11/08/2011				

RA BILL ITEMS BY AE							
Fields marked with an asterisk * are required.							
Sr. No.	BoQ Item No.	Item Description	Old Quantity	New Quantity	Old Rate	New Rate	
1	2	3.1 : Electrical Bulbs 5.1	45.0000	<input type="text" value="45.0000"/> *	2.00	<input type="text" value="2.00"/> *	
2	3	3.3 : Electrical Bulbs 5.3	99.9900	<input type="text" value="99.9900"/> *	4.00	<input type="text" value="4.00"/> *	

Update Back

Figure 122: Item Measurements for EE Entry Screen

VIEW RA BILL DETAILS BY EE							
Sr. No.	Work No	Work Description	RA Bill No	RA Bill Date	Details	Cancel	Finalize
1	3/1/1	Imp. to Malud Morada road reach I	2	11/08/2011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Figure 123: Item Measurements for EE Details Screen

14. Billing Reports

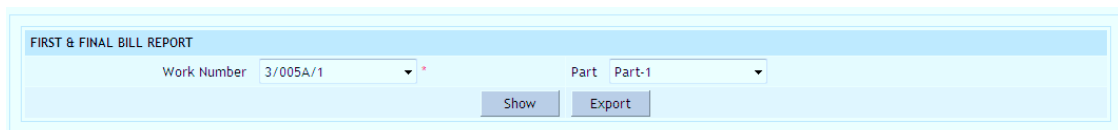
14.1. First & Final Bill

By selecting [Billing](#) -> [Reports](#) -> [First & Final Bill](#), "First & Final Bill" screen is displayed. This screen is used to download/view First & Final Bill report.

Based on selected Work Number and Part option as "Part-1", First & Final Bill report is generated showing details for the selected work.

Based on selected Work Number and Part option as "Part-2", First & Final Bill report is generated showing Item details & recoveries for the selected work.

Based on selected Work Number and Part option as "Part-3", First & Final Bill report is generated showing Measurement Book details for the selected work.



FIRST & FINAL BILL REPORT	
Work Number	3/005A/1 *
Part	Part-1
<input type="button" value="Show"/> <input type="button" value="Export"/>	

Figure 124: First & Final Bill Selection Screen

FIRST & FINAL BILL REPORT		
Work Number	3/005A/1	Part Part-1
<input type="button" value="Show"/>		<input type="button" value="Export"/>
Schedule XLV - Form No. 135 P.W.A. Form No. 24	FINANCIAL RULE FORM NO. 12 (See Financial Rule, 189) First and Final Bill (For Contractors and Suppliers)	Draft
Division : RURAL WORKS DIVISION, BHUBANESWAR		
Sub-Division : -		
Cash Book Voucher Number : -		
Voucher Date : -		
Name Of Contractor / Supplier : Pradyumna Kumar Baral		
Name of Work : S/R to Kapileswardev High School, Jalvara for 2009-10 ie construction of compound wall PART-A		
Work Number : 3/005A/1		
Agreement Number : 2111 F2		
Work Order Number : 2111 F2		
Work Order Date : 22/01/2010		
Commencement Date : 22/01/2010		
Date of actual completion : 22/03/2010		
Date of Measurement : 22/03/2010		
Allocation :		
2059	Public Works	
01	Office Buildings	
053	Maintenance and Repairs	
0853	Maintainance of Buildings under Chief Engineer, Rural Works	
21033	Maintenance Work	

Figure 125: First & Final Bill – Part I Report

FIRST & FINAL BILL REPORT

Work Number: 3/005A/1 Part: Part-2

Show Export

Name Of Work : S/R to Kapileswardev High School, Jalvara for 2009-10 ie construction of compound wall RART-A Draft

Work Number : 3/005A/1 Agreement Number : 2111 F2 Bill Date : 22/03/2010

Sr.No.	Item Description	Quantity	Rate	Unit	Amount	Remark
1	2	3	4	5	6	
1	Item No.1. Earthwork in excavation of foundation on in all kinds of soil including hard moorum stoney earthmixed as per direction of the E.I.C.	10.32	57.85	cum	597.01	-
2	Item No.3. Laterite Stone Masonary in c.m. 1:6 IN F&P	7.87	1,889.05	cum	14,866.82	-
3	Item No.4. Laterite Stone Masonary in c.m. 1:6 IN SUPERSTRUCTURE	9.68	1,931.40	cum	18,695.95	-
4	Item No.5. Cement concrete (1:3:6) in foundation and floor with 40 mm. size black hard granite broken metal	1.78	2,766.15	cum	4,923.75	-
5	Item No.6. Cement concrete (1:2:4) with 12 mm. size using broken hard granite concrete chips including hoisting,lowering,laying	0.60	3,620.15	cum	2,172.09	-
6	Item No.7. 20mm thick cement plaster (1:6)over stone masonary work finished smooth with cost conveyance royalties etc.	79.92	84.30	sqm	6,737.26	-
7	Item No.8. Cement washing one coatover new plaster surface with approved cement including watering	79.92	8.65	sqm	691.31	-
8	Item No.9. Finishing walls with water proofing cement painting two coats with any approved shade after cleaning surface with brush	79.92	15.30	sqm	1,222.78	-
Total :					49,906.96	

Sr.No.	Recovery Type	Amount	Remark
1	CESS	499.00	-
2	Income Tax (I.Tax)	1996.00	-
3	Royalty	1439.00	-
4	Sales Tax (S.T.)	1131.00	-
5	Security Deposit (SD)	1497.00	-

No Add/Subtract : 0.00
Total As Per Agreement : 49,907.00
Recoveries : 6,562.00
Total Amount : 43,345.00

Total in Words Rs. Forty Three Thousands Three Hundred Forty Five Only

Figure 126: First & Final Bill – Part II Report

FIRST & FINAL BILL REPORT

Work Number: 3/005A/1 Part: Part-3

Show Export

Name Of Work : S/R to Kapileswardev High School, Jalvara for 2009-10 ie construction of compound wall RART-A Draft

Work Number : 3/005A/1 Agreement Number : 2111 F2 Bill Date : 22/03/2010

The measurements on which are based the entries in columns 1 to 5 were made by

Sr.No.	Record By(JE)	Record Date	Measurement Book Details	Check Date(AE)	Checked By(AE)	Check Date (EE)	Checked By(EE)	Remark
1	S S Mohanty	22/03/2010	4436	28/03/2010	S S Sahoo	-	-	-

Dated signature of the officer preparing the bill of Rs. 43,345.00 Received Rupees 43,345.00

RURAL WORKS DIVISION, BHUBANESWAR

In Full Settlement Of all demands on account of this work

Witness Payee's Dated signature

Dated signature of the officer Authorising Payment Paid by Me (Vide cheque no /cash)

RURAL WORKS DIVISION, BHUBANESWAR

This Signature is necessary only when the officer preparing the bill is not the officer authorising the payment. Dated Initials of the person making payment

RURAL WORKS DIVISION, BHUBANESWAR

Figure 127: First & Final Bill – Part III Report

Note: 1) You must have the privileges to view the reports.

2) To view the report on the screen click on "Show" button.

3) To generate the 'PDF' file of the report for Printing click on "Export" button.

14.2. RA Bill Report

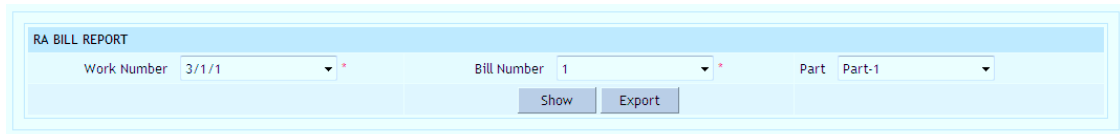
By selecting [Billing](#) -> [Reports](#) -> [RA Bill Report](#), "RA Bill Report" screen is displayed. This screen is used to download/view RA Bill report.

Based on selected Work Number, Bill Number and Part option as "Part-1", RA Bill report is generated showing details for the selected work.

Based on selected Work Number, Bill Number and Part option as "Part-2", RA Bill report is generated showing Item Measurement details for the selected work.

Based on selected Work Number, Bill Number and Part option as "Part-3", RA Bill report is generated showing Measurement Book details for the selected work.

Based on selected Work Number, Bill Number and Part option as "Part-4", RA Bill report is generated showing Bill Calculations for the selected work.



RA BILL REPORT

Work Number 3/1/1 * Bill Number 1 * Part Part-1

Show Export

Figure 128: RA Bill Report Selection Screen

RA BILL REPORT		
Work Number	3/1/1	Bill Number 1
		Part Part-1
	Show	Export

Schedule XLV - Form No. 16	RUNNING ACCOUNT BILL	C.F.W.A. 26
Draft	(C.P.W.A. CODE Paragraphs, 10-2-10, 10-2-12 and 10-2-13)	(1)

Division : RURAL WORKS DIVISION, BHUBANESWAR

Sub-Division : -

Cash Book Voucher Number : -

Voucher Date : -

Name Of Contractor/Supplier : Anubhab Ch. Das

Name of Work : Imp. to Malud Morada road

Work Number : 3/1/1

Serial No. of this bill : 1

No. and date of previous bill : -

Agreement Number : 123

Work Order Number : 123

Work Order Date : 30/05/2011

Commencement Date : 01/06/2011

Date of actual completion :

Allocation :	5054	Capital Outlay on Roads and Bridges
	04	District and Other Roads
	789	Special Component Plan for Scheduled Castes
	0909	Minimum Needs Programme - KBK Districts from SCA under RLTP

Figure 129: RA Bill – Part I Report

RA BILL REPORT							
Work Number		3/1/1		Bill Number		1	
				Part		Part-2	
				Show		Export	

Part I - Account of Work Executed

Name of Work : Imp. to Malud Morada road
 Work Number : 3/1/1 RA Bill Number : 1 and Date : 01/06/2011

Sr.No	Item Description	Unit	Rate	Quantity Executed Upto Date as per measurement book	Payments on the basis of Actual Measurements		Remarks
					Upto Date	Since Previous Bill	
1		2	3	4	5	6	7
1	Item No.1. Providing 37.50 mm thick B.U.S.G. including cost conveyance of all materials etc complete including hire running charges of PRR bitumen with cost,conveyance,taxes royalties of all materials bitumen labour TandP etc. all completed.	sqm	139.85	91.35	12,775.30	12,775.30	-
2	Item No.2. Providing 20mm thick premix carpet after scrapping cleaning road with 14.60kg/10sqm area with penetration grade of bitumen heating,pouring and spreading precoated chips using 18cum of 13.2mm and 0.09cum of 6mm size BHG crusher brokek chips at 10sqm and rolling with PRR including hire and running charges of PRR cost of busshess,other mechneries with cost conveyance,royalties,taxes of al materials and labour TandP required for the work etc. complete for finished item of work as per direction of Engineer in charge	sqm	95.10	91.35	8,687.38	8,687.38	-
Total :					21,462.68	21,462.68	
Deduct 0.00 % As Per Tender :					0.00	0.00	
Total Value of Work Done to Date (A) :					21,463.00	21,463.00	
Deduct-value of work shown in previous Bill :					0.00		
Net Value of work since previous Bill (F) :					21,463.00	21,463.00	

Figures (F) in Words Rs. Twenty One Thousands Four Hundred Sixty Three Only

Figure 130: RA Bill – Part II Report

RA BILL REPORT							
Work Number		3/1/1		Bill Number		1	
				Part		Part-3	
				Show		Export	

Part II - Certificate and Signature

Name of Work : Imp. to Malud Morada road
 Work Number : 3/1/1 RA Bill Number : 1 and Date : 01/06/2011
 Draft

1. The measurements on which are based the entries in columns 1 to 5 were made by

Sr.No.	Record By(JE)	Record Date	Measurement Book Details	Check Date(AE)	Checked By(AE)	Check Date(EE)	Checked By(EE)	Remark
1	Sri S. S. K. Nayak	01/06/2011	aa	01/06/2011	Amarendra Kumar Mohapatra	01/06/2011	-	-

*2. Certified that in addition to and quite apart from the quantities of work actually executed as shown in column 4 of Account I, some works have actually been done in connection with several items and the value of such work (after deducting therefrom the proportionate amount of secured advances, if any ultimately recoverable on account of the quantities of materials used therein) is no case, less than advance payments as per item 2 of memorandum of payments made or proposed to be made for the convenience of the contractor in anticipation of and subject to the results of detailed measurements, which will be made as soon as possible.

Date :

Signature of Contractor _____ Signature of Officer Preparing the Bill _____ \$ Signature of Officer Authorising Payment _____

Date : _____ Date : _____ Date : _____

* This certificate must be signed by the Subdivisional or Divisional Officer.

Figure 131: RA Bill – Part III Report

RA BILL REPORT

Work Number Bill Number Part

Part III - Memorandum of Payments

Draft

	Rs. Ps								
1. Total value of work actually measured, as per Act I, Col.5, Entry [A]	21,463.00								
2. Total up-to-date advance payments for work not yet measured as per details given below (B) :	0.00								
a) From Previous Bill as per last Running Account Bill	0.00								
b) From this Bill	0.00								
3. Total up-to-date secured advances on security of materials as per Annexure (Form 26-A) Col. 8, Entry [C]	0.00								
4. Total (Items 1 + 2 + 3)	21,463.00								
5. Deduct amount with held :									
a) From Previous Bill as per last Running Account Bill	0.00								
b) From this Bill	0.00								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr.No.</th> <th style="width: 30%;">Recovery Type</th> <th style="width: 15%;">Amount</th> <th style="width: 45%;">Remark</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Sr.No.	Recovery Type	Amount	Remark					
Sr.No.	Recovery Type	Amount	Remark						
6. Balance, i.e. 'up-to-date' payments (Items 4-5) [K]*	0.00								
7. Total amount of payments already made as per entry [K] of last Running Account Bill No. : -- forwarded with accounts	21,463.00								
8. Payment now to be made, as detailed below :-	15.00								
a) By Recovery of amounts creditable to this work									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr.No.</th> <th style="width: 30%;">Recovery Type</th> <th style="width: 15%;">Amount</th> <th style="width: 45%;">Remark</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Income Tax (I.Tax)</td> <td>15.00</td> <td>-</td> </tr> </tbody> </table>	Sr.No.	Recovery Type	Amount	Remark	1	Income Tax (I.Tax)	15.00	-	
Sr.No.	Recovery Type	Amount	Remark						
1	Income Tax (I.Tax)	15.00	-						
Total 5[b] + 8[a].....[G]	15.00								
b) By Recovery of amounts creditable to other works or Heads of Accounts	0.00								
c) By Cheque **	21,448.00								
Total 8[b] + 8[c].....[H]	21,448.00								
Pay Rs. * [21,448.00] By Cheque Twenty One Thousands Four Hundred Forty Eight Only									
Date :									
Divisional Accounts Officer	Executive Engineer								

Figure 132: RA Bill – Part IV Report

- Note: 1) You must have the privileges to view the reports.
- 2) To view the report on the screen click on "Show" button.
- 3) To generate the 'PDF' file of the report for Printing click on "Export" button.

14.3. Royalty Calculation

By selecting [Billing](#) -> [Reports](#) -> [Royalty Calculation](#), “Royalty Calculation” screen is displayed. This screen is used to download/view Royalty Calculation report.

Based on selected Work Number and Bill Number Royalty Calculation report is generated showing the details of the calculations.

ROYALTY CALCULATION REPORT

Work Number *

Royalty Calculation

Name Of Work : --

Work Number : -- Bill No : -- Bill Date : --

Sr.No	Item Description	UpTo Date Qty	Coeff.	Total
Sr.No	Item Description	Rate	Qty	Amount (Rs.)
Total (Rs.)				0.00

Figure 133: Royalty Calculation Report

Note: 1) You must have the privileges to view the reports.

2) To view the report on the screen click on “Show” button.

3) To generate the ‘PDF’ file of the report for Printing click on “Export” button.

14.4. Deviation Statement

By selecting **Billing -> Reports -> Deviation Statement**, “Deviation Statement” screen is displayed. This screen is used to download/view Deviation Statement report.

Based on selected Work Number Deviation Statement report is generated showing the details of the deviations as per the Bill of Quantity (BoQ).

DEVIATION STATEMENT								
Work Number : 3/1/1								
<input type="button" value="Show"/> <input type="button" value="Export"/>								
Deviation Statement								
Circle : CENTRAL CIRCLE RURAL WORK, BHUBANESWAR				Division : RURAL WORKS DIVISION, BHUBANESWAR				
Sub-Division : RURAL WORKS DIVISION, BHUBANESWAR				Work Number : 3/1/1				
Contractor : Anubhab Ch. Das				Agreement Number : 123				
Name Of Work : Imp. to Malud Morada road								
Sr.No.	Item Description	Quantity As Per BoQ	Quantity Actually Executed	Variation in Quantity	Rate	Unit	Amount	Remark
1	2	3	4	5	6	7	8	
1	Item No.1. Providing 37.50 mm thick B.U.S.G. including cost conveyance of all materials etc complete including hire running charges of PRR bitumen with cost,conveyance,taxes royalties of all materials bitumen labour TandP etc. all completed.	91.35	91.35	0.00	139.85	sqm	0.00	-
2	Item No.2. Providing 20mm thick premix carpet after scrapping cleaning road with 14.60kg/10sqm area with penetration grade of bitumen heating,pouring and spreading precoated chips using 18cum of 13.2mm and 0.09cum of 6mm size BHG crusher brokek chips at 10sqm and rolling with PRR including hire and running charges of PRR cost of busness,other mechneries with cost conveyance,royalties,taxes of al materials and labour TandP required for the work etc. complete for finished item of work as per direction of Engineer in charge	91.35	91.35	0.00	95.10	sqm	0.00	-

Figure 134: Deviation Statement Report

Note: 1) You must have the privileges to view the reports.

2) To view the report on the screen click on “Show” button.

3) To generate the ‘PDF’ file of the report for Printing click on “Export” button.

14.5. Measurements

By selecting **Billing -> Reports -> Measurements**, “Measurements” screen is displayed. This screen is used to download/view Measurements report.

Based on selected Work Number, Bill Number and Part as JE, AE, Auditor, DA or EE the Measurements report is generated showing the details of the measurements entered at each level.

MEASUREMENTS REPORT						
Work Number	3/005A/1	Bill Number	1	Part	JE	
Abstract / Detailed : <input checked="" type="radio"/> Abstract <input type="radio"/> Detailed		<input type="button" value="Show"/>		<input type="button" value="Export"/>		
<u>Measurement Book</u>						
Division : RURAL WORKS DIVISION, BHUBANESWAR						JE
work Number : 3/005A/1						
Name of work : S/R to Kapileswardev High School, Jalvara for 2009-10 ie construction of compound wall RART-A						
RA Bill Number : -			RA Bill Date : 2010-03-22			
Sr.No.	Item Description	Unit	Quantity as Per BoQ	Quantity Measured	Rate (in Rs)	Amount (in Rs)
1	Earthwork in excavation of foundation on in all kinds of soil including hard moorum stoney earthmixed as per direction of the E.I.C.	Cubic Meters	10.32	0.00	0.00	0.00
2	Laterite Stone Masonary in c.m. 1:6 IN F&P	Cubic Meters	7.87	0.00	0.00	0.00
3	Laterite Stone Masonary in c.m. 1:6 IN SUPERSTRUCTURE	Cubic Meters	9.68	0.00	0.00	0.00
4	Cement concrete (1:3:6) in foundation and floor with 40 mm. size black hard granite broken metal	Cubic Meters	1.78	0.00	0.00	0.00
5	Cement concrete (1:2:4) with 12 mm. size using broken hard granite concrete chips including hoisting,lowering,laying	Cubic Meters	0.60	0.00	0.00	0.00

Figure 135: Measurements Report

Note: 1) You must have the privileges to view the reports.

2) To view the report on the screen click on “Show” button.

3) To generate the ‘PDF’ file of the report for Printing click on “Export” button.

14.6. Extra Items

By selecting [Billing](#) -> [Reports](#) -> [Extra Items](#), “Extra Items” screen is displayed. This screen is used to download/view Extra Items report.

Based on selected Work Number the Extra Items report is generated showing the details of the extra items added in the Bill of Quantity (BoQ).

EXTRA ITEMS
 Work Number:

List of Extra Items Proposed for Sanction

Circle : CENTRAL CIRCLE RURAL WORK, BHUBANESWAR

Sub-Division : RURAL WORKS DIVISION, BHUBANESWAR

Contractor : Anubhab Ch. Das

Name Of Work : Imp. to Malud Morada road

Division : RURAL WORKS DIVISION, BHUBANESWAR

Work Number : 3/1/1

Agreement Number : 123

Sr.No.	Item Description	Quantity	Rate	Unit	Amount	Remark
	1	2	3	4	5	6
1	Item No.6. Earthwork in excavation at foundation including rough dressing and breaking clods to maximum 5cm to 7cm in size and laying in layers not exceeding 0.3m in depth.	10.45	120.00	cum	1,254.00	-
					Total :	1,254.00

I accept the above rates.

Contractor's dated Signature

No. : _____ Date : _____

Submitted to the Executive Engineer 3/4
copies for approval & returned one copy

Junior Engineer

Total amount including previously sanctioned for this extra items Rs.

No. : _____ Date : _____

Submitted to SE, circle for approval

Executive Engineer

No. : _____ Date : _____

Returned duly sanctioned

Superintending Engineer

Figure 136: Extra Items Report

Note: 1) You must have the privileges to view the reports.

2) To view the report on the screen click on “Show” button.

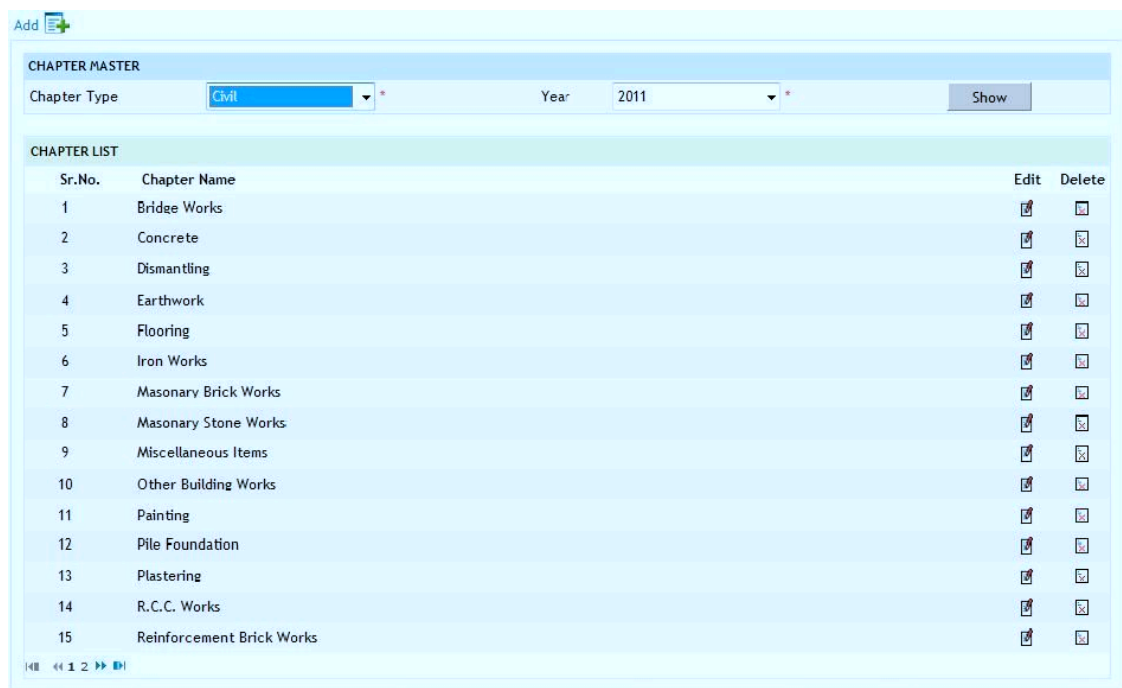
3) To generate the ‘PDF’ file of the report for Printing click on “Export” button.

15. Schedule of Rates

15.1. Masters

15.1.1. Chapter Master


By selecting [Schedule of Rates -> Masters -> Chapter Master](#), displays the Chapter Master Screen. This screen is used to create the various chapters for Labour, Machinery, Material and SR. The Miscellaneous Items are also added through this screen.



The screenshot shows the 'CHAPTER MASTER' screen. At the top, there is a header 'Add' with a plus icon. Below it, the title 'CHAPTER MASTER' is displayed. There are two dropdown menus: 'Chapter Type' set to 'Civil' and 'Year' set to '2011'. A 'Show' button is located to the right of the 'Year' dropdown. Below this is a table titled 'CHAPTER LIST' with columns for 'Sr.No.', 'Chapter Name', 'Edit', and 'Delete'. The table contains 15 rows of chapter entries. At the bottom left, there are navigation icons: a left arrow, '1', '2', a right arrow, and a refresh icon.

Sr.No.	Chapter Name	Edit	Delete
1	Bridge Works		
2	Concrete		
3	Dismantling		
4	Earthwork		
5	Flooring		
6	Iron Works		
7	Masonry Brick Works		
8	Masonry Stone Works		
9	Miscellaneous Items		
10	Other Building Works		
11	Painting		
12	Pile Foundation		
13	Plastering		
14	R.C.C. Works		
15	Reinforcement Brick Works		

Figure 137: Chapter Master Screen



The screenshot shows the 'CHAPTER MASTER' entry screen. At the top, there is a header 'View' with a magnifying glass icon. Below it, the title 'CHAPTER MASTER' is displayed. A red message reads 'Fields marked with an asterisk * are required.' There are three input fields: 'Chapter Type' with a dropdown menu set to 'Machinery', 'Year' with a dropdown menu set to '2012', and 'Chapter Name' with a text input field. All three fields have an asterisk to their right. At the bottom, there are two buttons: 'save' and 'cancel'.

Figure 138: Chapter Master Entry Screen

Field Description:

Chapter Type: Select the Chapter Type from the list populated

Year: Select the Year under which the Chapter is to be created from the list

Chapter Name: Enter the chapter name.

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the list of chapters entered click on the "View" link.

8) To view the chapters data select the "Chapter Type" & "Year" and click on "Show" button.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.1.2. Category Master

By selecting [Schedule of Rates -> Masters -> Category Master](#), displays the Category Master Screen. This screen is used to create the various categories under the selected chapters for Labour, Machinery, Material and SR.



Figure 139 shows the 'CATEGORY MASTER' screen. At the top, there are filters for Chapter Type (Electrical), Year (2012), and Chapter Name (bulbs), with a 'Show' button. Below is a table with the following data:

Sr.No.	Chapter Name	Category Name	Edit	Delete
1	bulbs	Flurocent	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	bulbs	Hydrogen	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Figure 139: Category Master Screen

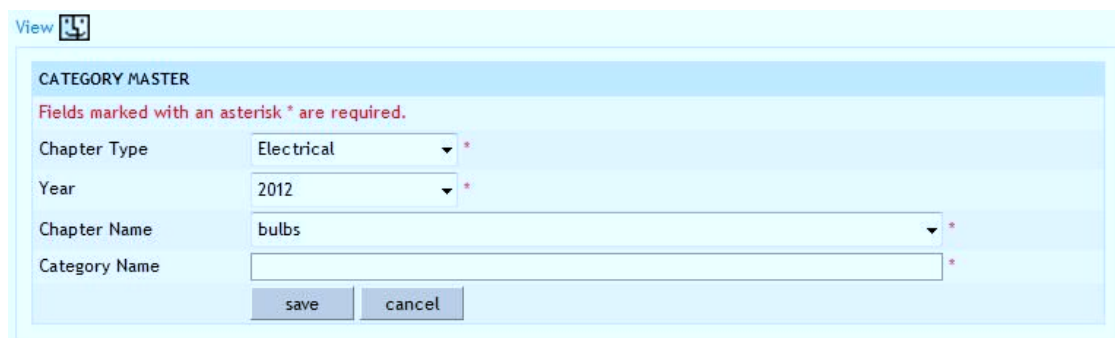


Figure 140 shows the 'CATEGORY MASTER' entry screen. It includes a note: 'Fields marked with an asterisk * are required.' The fields are: Chapter Type (Electrical), Year (2012), Chapter Name (bulbs), and Category Name (empty). There are 'save' and 'cancel' buttons at the bottom.

Figure 140: Category Master Entry Screen

Field Description:

Chapter Type: Select the Chapter Type from the list populated

Year: Select the Year

Chapter Name: Select the chapter name under which the Category is to be created.

Category Name: Enter the category name.

- Note: 1) To add new entry click on the "Add" link.
- 2) To edit the details click on the "Edit" link.
- 3) To save the entered values click on the "Save" button.
- 4) To save the modified values click on the "Update" button.
- 5) To cancel the entry or the modification click on the "Cancel" link.
- 6) To delete the entry click on the "Delete" link.
- 7) To view the list of category entered click on the "View" link.
- 8) To view the categories data select the "Chapter Type", "Year" & "Chapter" and click on "Show" button.
- 9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.1.3. Material Master

By selecting [Schedule of Rates -> Masters -> Material Master](#), displays the Material Master Screen. This screen is used to create the various materials.

The screenshot shows the 'MATERIAL MASTER' screen with a search filter and a table of materials.

MATERIAL MASTER
 Year: 2012 * Chapter: paints Category: oil paints Show

MATERIAL LIST				
Sr.No.	Item Description	Unit	Edit	Delete
1	for inside room and outside	cum		

Figure 141: Material Master Screen

The screenshot shows the 'MATERIAL MASTER' entry screen with a form for adding a new material.

MATERIAL MASTER
 Fields marked with an asterisk * are required.

Year: 2012 *
 Chapter Name: paints *
 Category Name: oil paints *
 Item Description: *
 Item Unit: Cent *
 Remarks: *

save cancel

Figure 142: Material Master Entry Screen

Field Description:

Year: Select the Year

Chapter: Select the chapter name under which the material is to be added

Category: Select the category name under which the material is to be added

Item Description: Enter the Description or name of the material

Item Unit: Select the Unit for the material

Remarks: Enter the remarks if any

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the list of materials entered click on the "View" link.

8) To view the materials data select the "Year", "Chapter" & "Category" and click on "Show" button.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.1.4. Labour Master

By selecting [Schedule of Rates -> Masters -> Labour Master](#), displays the Labour Master Screen. This screen is used to create the various labours.

LABOUR MASTER						
Year	2011	* Chapter	Labour	Category	Highly Skilled	Show
LABOUR LIST						
Sr.No.	Item Description	Unit	Edit	Delete		
1	Auto electrician	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2	Blacksmith (Special)	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
3	Blaster (Lisenced) 1	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
4	Carpenter (Special)	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
5	Diver for well sinking in bridge (per shift of four hours)	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
6	Driller (Special)	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
7	Electrician/ Air conditioned plant operator/ wire man/ Lift operator/ Diesel pump operator special	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
8	Fitter (Special)	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
9	Guinting Machine operator	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
10	Jeep driver/ Tractor driver / Truck driver / Dozer driver / Roller driver /Concrete mixture operator / Crane operator	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
11	Labour-1	ten	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
12	Labour-2	ten	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
13	Labour-3	ten	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
14	Mason (Special)	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
15	Painter/ Polisher (Special)	days	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Figure 143: Labour Master Screen

LABOUR MASTER

Fields marked with an asterisk * are required.

Year: 2012 *

Chapter Name: Labour *

Category Name: Skilled *

Item Description: *

Item Unit: --Select-- *

Remarks:

save cancel

Figure 144: Labour Master Entry Screen

Field Description:

Year: Select the Year

Chapter: Select the chapter name under which the labour is to be added

Category: Select the category name under which the labour is to be added

Item Description: Enter the Description or name of the labour

Item Unit: Select the Unit for the labour

Remarks: Enter the remarks if any

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To delete the entry click on the "Delete" link.

7) To view the list of labours entered click on the "View" link.

8) To view the labours data select the "Year", "Chapter" & "Category" and click on "Show" button.

9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.1.5. Machinery Master

By selecting [Schedule of Rates -> Masters -> Machinery Master](#), displays the Machinery Master Screen. This screen is used to create the various machineries.

The screenshot shows the 'Machinery Master' screen with the following details:

- Year:** 2012
- Chapter:** Machinery
- Category:** Machinery
- Show** button

MACHINERY LIST				
Sr.No.	Item Description	Unit	Edit	Delete
1	Machinery Type 1	mtr		
2	Machinery Type 2	ten		
3	Machinery Type 3	pair		
4	to weight all type of rigid materials	quintal		

Figure 145: Machinery Master Screen

The screenshot shows the 'Machinery Master Entry' screen with the following fields:

- Year:** 2012 *
- Chapter Name:** Machinery *
- Category Name:** Machinery *
- Item Description:** *
- Item Unit:** --Select-- *
- Remarks:** (empty text area)

Buttons: **save**, **cancel**

Figure 146: Machinery Master Entry Screen

Field Description:

Year: Select the Year

Chapter: Select the chapter name under which the machinery is to be added

Category: Select the category name under which the machinery is to be added

Item Description: Enter the Description or name of the machinery

Item Unit: Select the Unit for the machinery

Remarks: Enter the remarks if any

- Note: 1) To add new entry click on the "Add" link.
- 2) To edit the details click on the "Edit" link.
- 3) To save the entered values click on the "Save" button.
- 4) To save the modified values click on the "Update" button.
- 5) To cancel the entry or the modification click on the "Cancel" link.
- 6) To delete the entry click on the "Delete" link.
- 7) To view the list of machinery entered click on the "View" link.
- 8) To view the machinery data select the "Year", "Chapter" & "Category" and click on "Show" button.
- 9) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.1.6. Civil SR Master

By selecting [Schedule of Rates -> Masters -> Civil SR Master](#), displays the Civil SR Master Screen. This screen is used to create various Schedule of Rate Items for Civil.

The screenshot shows the 'CIVIL SR' screen with a filter for Year: 2012, Chapter: Earthwork, and Category: Earthwork. Below the filter is a table titled 'CIVIL SR LIST' with columns: Sr.No., Item Code, Item Description, Unit, Edit, Delete, Sub Item, and Breakup.

Sr.No.	Item Code	Item Description	Unit	Edit	Delete	Sub Item	Breakup
1	1001	Earth work in ordinary soil 1	--				--
2	1001.1	Earth work in ordinary soil within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm., laying in layers not exceeding 0.3m., in depth and as per direction of the Engineer-in-charge.	ten			--	
3	1001.2	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department along with proper compaction with P.R.R. including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill).	cum			--	
4	1001.3	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department including proper compaction with H.R.R. (section measurement to be taken in the finished compacted section of the fill).	cum			--	

Figure 147: Civil SR Master Screen

The screenshot shows the 'CIVIL SR' entry screen with a 'View' button. It includes a note: 'Fields marked with an asterisk * are required.' The form fields are:

- Year: 2012 *
- Chapter: Earthwork *
- Category: Earthwork *
- SR Item Code: *
- Item Description: *
- Item Short Description: (empty)
- Item Unit: --
- Calculation For: 1
- Remarks: (empty)

Buttons: save, cancel

Figure 148: Civil SR Master Entry Screen

Field Description:

Year: Select the Year

Chapter: Select the chapter name under which the item is to be added

Category: Select the category name under which the item is to be added

Item Code: Enter a Unique Code for the Item

Item Description: Enter the Description or name of the item

Short Description: Enter the Short Description for the item

Item Unit: Select the Unit for the item

Calculation For: Enter the value for which the calculation is being done

Remarks: Enter the remarks if any

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To create a sub item click on the "Sub Item" link for the parent item.

7) To delete the entry click on the "Delete" link.

8) To view the list of SR Item entered click on the "View" link.

9) To view the SR Item data select the "Year", "Chapter" & "Category" and click on "Show" button.

10) To enter or view the Rate Analysis for the SR Item click on "Breakup" link.

11) To copy the Rate Analysis from one SR Item to another click on "Copy Breakup" link.

12) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.1.7. Electrical SR Master

By selecting [Schedule of Rates -> Masters -> Electrical SR Master](#), displays the Electrical SR Master Screen. This screen is used to create various Schedule of Rate Items for Electrical.

The screenshot shows the 'CIVIL SR' screen with a filter for Year: 2012, Chapter: Earthwork, and Category: Earthwork. Below the filter is a table titled 'CIVIL SR LIST' with the following data:

Sr.No.	Item Code	Item Description	Unit	Edit	Delete	Sub Item	Breakup
1	1001	Earth work in ordinary soil 1	--				--
2	1001.1	Earth work in ordinary soil within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm., laying in layers not exceeding 0.3m., in depth and as per direction of the Engineer-in-charge.	ten			--	
3	1001.2	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department along with proper compaction with P.R.R. including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill).	cum			--	
4	1001.3	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department including proper compaction with H.R.R. (section measurement to be taken in the finished compacted section of the fill).	cum			--	

Figure 149: Electrical SR Master Screen

The screenshot shows the 'CIVIL SR' entry form with the following fields and values:

- Year: 2012 *
- Chapter: Earthwork *
- Category: Earthwork *
- SR Item Code: *
- Item Description: *
- Item Short Description: (empty)
- Item Unit: --
- Calculation For: 1
- Remarks: (empty)

Buttons: save, cancel

Figure 150: Electrical SR Master Entry Screen

Field Description:

Year: Select the Year

Chapter: Select the chapter name under which the item is to be added

Category: Select the category name under which the item is to be added

Item Code: Enter a Unique Code for the Item

Item Description: Enter the Description or name of the item

Short Description: Enter the Short Description for the item

Item Unit: Select the Unit for the item

Calculation For: Enter the value for which the calculation is being done

Remarks: Enter the remarks if any

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To create a sub item click on the "Sub Item" link for the parent item.

7) To delete the entry click on the "Delete" link.

8) To view the list of SR Item entered click on the "View" link.

9) To view the SR Item data select the "Year", "Chapter" & "Category" and click on "Show" button.

10) To enter or view the Rate Analysis for the SR Item click on "Breakup" link.

11) To copy the Rate Analysis from one SR Item to another click on "Copy Breakup" link.

12) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.1.8. Non SR Master

By selecting [Schedule of Rates -> Masters -> Non SR Master](#), displays the Non SR Master Screen. This screen is used to create Items, which are not added in the Schedule of Rates or created after the publication of the Schedule of Rates.

The screenshot shows the 'Non SR Master' screen with the following data:

CIVIL SR							
Year	2012 *	Chapter	Earthwork	Category	Earthwork	Show	
CIVIL SR LIST							
Sr.No.	Item Code	Item Description	Unit	Edit	Delete	Sub Item	Breakup
1	1001	Earth work in ordinary soil 1	--				--
2	1001.1	Earth work in ordinary soil within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm., laying in layers not exceeding 0.3m., in depth and as per direction of the Engineer-in-charge.	ten			--	
3	1001.2	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department along with proper compaction with P.R.R. including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill).	cum			--	
4	1001.3	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department including proper compaction with H.R.R. (section measurement to be taken in the finished compacted section of the fill).	cum			--	

Figure 151: Non SR Master Screen

The screenshot shows the 'Non SR Master Entry' screen with the following fields:

CIVIL SR
Fields marked with an asterisk * are required.

Year: 2012 *

Chapter: Earthwork *

Category: Earthwork *

SR Item Code: *

Item Description: *

Item Short Description:

Item Unit: --

Calculation For: 1

Remarks:

Buttons: save, cancel

Figure 152: Non SR Master Entry Screen

Field Description:

Year: Select the Year

Chapter: Select the chapter name under which the item is to be added

Category: Select the category name under which the item is to be added

Item Code: Enter a Unique Code for the Item

Item Description: Enter the Description or name of the item

Short Description: Enter the Short Description for the item

Item Unit: Select the Unit for the item

Calculation For: Enter the value for which the calculation is being done

Remarks: Enter the remarks if any

Note: 1) To add new entry click on the "Add" link.

2) To edit the details click on the "Edit" link.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" link.

6) To create a sub item click on the "Sub Item" link for the parent item.

7) To delete the entry click on the "Delete" link.

8) To view the list of SR Item entered click on the "View" link.

9) To view the SR Item data select the "Year", "Chapter" & "Category" and click on "Show" button.






















10) To enter or view the Rate Analysis for the SR Item click on "Breakup" link.

11) To copy the Rate Analysis from one SR Item to another click on "Copy Breakup" link.

12) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.1.9. Rate Analysis

By selecting [Schedule of Rates -> Masters -> SR Master](#), displays the Civil, Electrical or Non SR Master Screen as click on the link. After clicking on the Breakup link the screen is displayed to prepare / view the Rate Analysis of SR Items.

Back	Zone	Mumbai	Go	Amount in Rs.				
RATE ANALYSIS : ZONE - MUMBAI								
ITEM CODE	ITEM DESCRIPTION	ITEM UNIT	SEARCH ITEM					
1.1	Earth work in ordinary soil within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5Cm. to 7Cm., laying in layers not exceeding 0.3m., in depth and as per direction of the Engineer-in-charge.	ten						
LABOUR								
Sr.No.	Description	Unit	Item Rate	Item Quantity	Amount	Sort	Edit	Delete
1	Blaster (Lisenced) 1	days	100.00	0.0001	0.01	2		
2	Stone dresser/ Cutter (Special)	days	10.00	1.0000	10.00	3		
Total :					10.01			
								
LABOUR MISCELLANEOUS								
Sr.No.	Description	Percentage/Amount	Amount	Sort	Edit	Delete		
3	Misc :- 33.99 RS.	Amount	33.99	6				
Total :			33.99					
								
MATERIAL								
Sr.No.	Description	Unit	Item Rate	Item Quantity	Amount	Sort	Edit	Delete
4	Material Temp 1	ten	100.00	2.0000	200.00	4		
Total :					200.00			
								
MATERIAL MISCELLANEOUS								
Sr.No.	Description	Percentage/Amount	Amount	Sort	Edit	Delete		
5	Miscellaneous V :- 1.0 RS.	Amount	1.00	7				
Total :			1.00					
								
MACHINERY								
Sr.No.	Description	Unit	Item Rate	Item Quantity	Amount	Sort	Edit	Delete
6	Machinery Type 1	mtr	0.00	1.0000	0.00	8		
Total :					0.00			
								
SR ITEM								
Sr.No.	Description	Unit	Item Rate	Item Quantity	Amount	Sort	Edit	Delete
7	Fine dressing of earth work in ordinary or hard soil in road formation according to the direction of the department including cutting or filling earth upto 0.15m depth of surface	sqm	10.00	2.0000	20.00	1		
Total :					20.00			
								

MISCELLANEOUS						
Sr.No.	Description	Percentage/Amount		Amount	Sort	Edit Delete
8	Miscellaneous II :- 12.0%.	Percentage		31.80	5	
Total :				31.80		

Figure 153: Rate Analysis Screen

LABOUR				
CHAPTER	CATEGORY	ITEM		
--Select--	--Select--	--Select--		
UNIT	RATE	QUANTITY	SORT	REMARKS
<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>
<input type="button" value="save"/>		<input type="button" value="cancel"/>		

Figure 154: Rate Analysis Entry Screen

Field Description:

- Chapter:** Select the chapter name from which the Items are to be selected
- Category:** Select the category name from which the Items are to be selected
- Item:** Select the Item, which needs to be added in the Rate Analysis
- Unit:** Displays the unit of the selected Item
- Rate:** Displays the rate of the selected Item
- Quantity:** Enter the Quantity of the Item in the Rate Analysis
- Sort:** Enter the sorting value within the Rate Analysis
- Remarks:** Enter the remarks if any

Miscellaneous

- Chapter:** Select the Miscellaneous Item from the list
- Percentage/Amount:** Select whether Percentage or Amount will be entered
- Percentage/Amount:** Enter the Value as per the Percentage or Amount selected
- Sort:** Enter the sorting value within the Rate Analysis
- Remarks:** Enter the remarks if any

Note: 1) To add new entry click on the "Add" link of the required item like Labour, Material, Machinery, SR or Miscellaneous.

2) To edit the details click on the "Edit" link of the respective item.

3) To save the entered values click on the "Save" button.

4) To save the modified values click on the "Update" button.

5) To cancel the entry or the modification click on the "Cancel" button.

6) To delete the entry click on the "Delete" link.

7) To view the Rate Analysis Calculation of SR Item for a particular Zone select the Zone and click on the "Go" button.

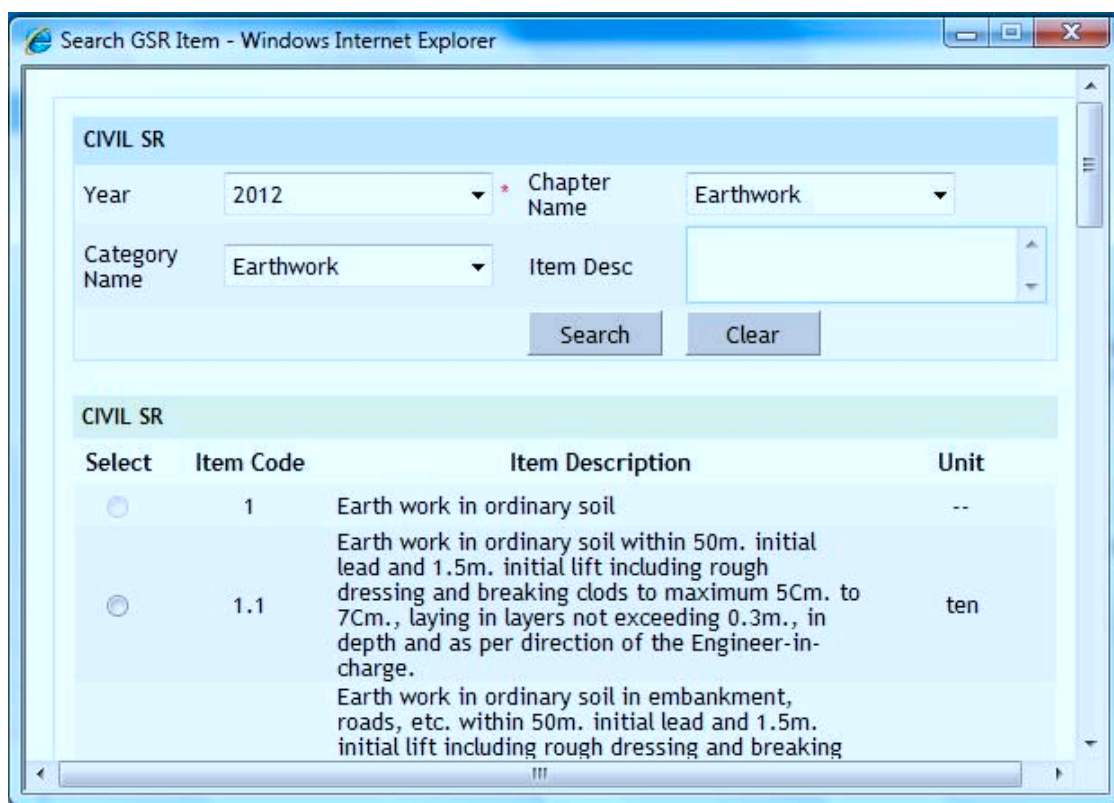
8) To view the Rate Analysis of another SR Item click on "Search Item" link.

9) To view the SR Item list click on "Back" button.

10) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.1.10. Search SR Item

By selecting [Schedule of Rates -> Masters -> SR Master](#), displays the Civil, Electrical or Non SR Master Screen as click on the link. After clicking on the Breakup link the screen is displayed to prepare / view the Rate Analysis of SR Item. On clicking the "Search Item" link the Search SR Item screen is displayed.



Select	Item Code	Item Description	Unit
<input type="radio"/>	1	Earth work in ordinary soil	--
<input type="radio"/>	1.1	Earth work in ordinary soil within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5Cm. to 7Cm., laying in layers not exceeding 0.3m., in depth and as per direction of the Engineer-in-charge. Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking	ten

Figure 155: Search SR Item Screen

Field Description:

Year: Select the Year

Chapter: Select the chapter name from which the Items are to be searched

Category: Select the category name from which the Items are to be searched

Item Desc: Enter brief Item Description, which needs to be searched

Select: Click to select the Item for displaying the Rate Analysis

Item Code: Displays the Item Code for the searched Items

Item Description: Displays the Item Description for the searched Items

Unit: Displays the Unit for the searched Items

Note: 1) To search the items based on the criteria specified click on the "Search" button.

2) To reset the search criteria click on the "Reset" button.

3) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.1.11. Copy Breakup

By selecting [Schedule of Rates -> Masters -> SR Master](#), displays the Civil, Electrical or Non SR Master Screen as click on the link. After clicking on the Copy Breakup link the screen is displayed to copy the Rate Analysis of one SR Item to another SR Item. The copy facility can be used to generate the Rate Analysis for an SR Item from another SR Item for which the Rate Analysis is filled and is similar.

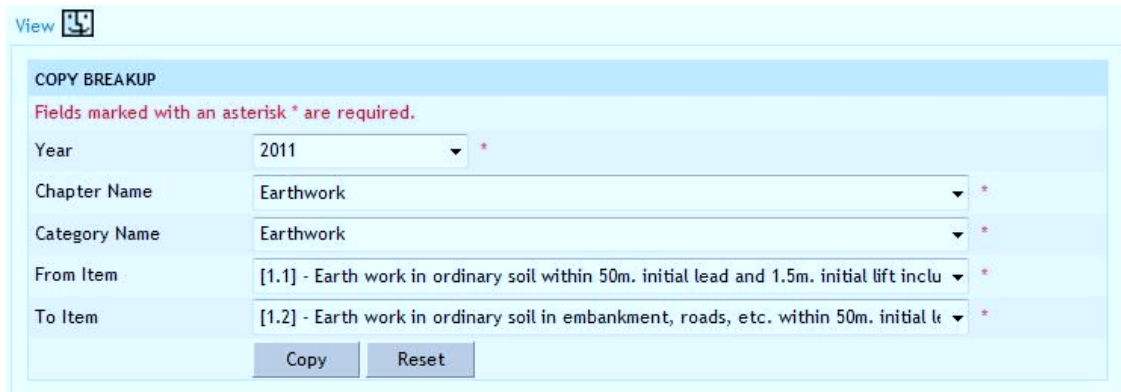


Figure 156: Copy Breakup Screen

Field Description:

Year: Select the Year

Chapter: Select the chapter name from which the Items are to be selected

Category: Select the category name from which the Items are to be selected

From Item: Select the Item from which the Rate Analysis is to be copied

To Item: Select the Item to which the Rate Analysis is to be copied

Note: 1) To copy the rate analysis click on the "Copy" button.

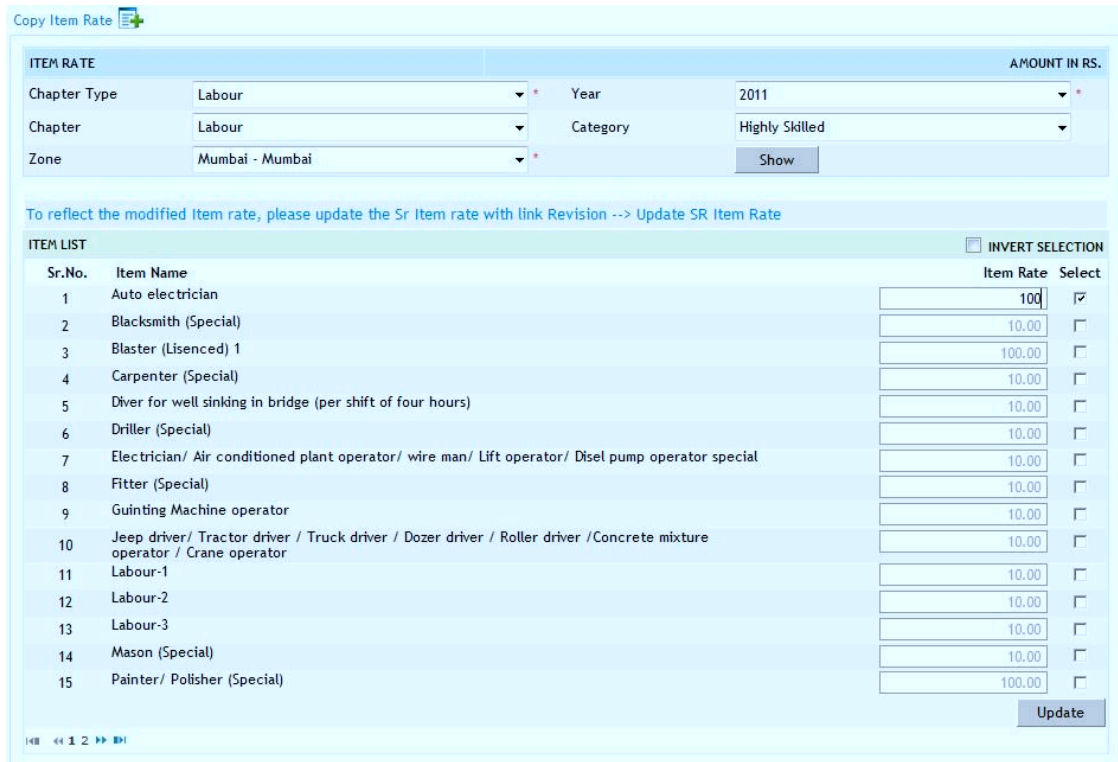
2) To reset the selection click on the "Reset" button.


3) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.2. Rate Details

15.2.1. Item Rate

By selecting [Schedule of Rates](#) -> [Rate Details](#) -> [Item Rate](#), displays the Item Rate Screen. This screen is used to enter the rates for Labour, Machinery, and Material Items for various zones.



Copy Item Rate 

ITEM RATE AMOUNT IN RS.

Chapter Type: Labour * Year: 2011 *
 Chapter: Labour Category: Highly Skilled
 Zone: Mumbai - Mumbai

To reflect the modified Item rate, please update the Sr Item rate with link Revision --> Update SR Item Rate

ITEM LIST INVERT SELECTION

Sr.No.	Item Name	Item Rate	Select
1	Auto electrician	100	<input checked="" type="checkbox"/>
2	Blacksmith (Special)	10.00	<input type="checkbox"/>
3	Blaster (Lisenced) 1	100.00	<input type="checkbox"/>
4	Carpenter (Special)	10.00	<input type="checkbox"/>
5	Diver for well sinking in bridge (per shift of four hours)	10.00	<input type="checkbox"/>
6	Driller (Special)	10.00	<input type="checkbox"/>
7	Electrician/ Air conditioned plant operator/ wire man/ Lift operator/ Disel pump operator special	10.00	<input type="checkbox"/>
8	Fitter (Special)	10.00	<input type="checkbox"/>
9	Guinting Machine operator	10.00	<input type="checkbox"/>
10	Jeep driver/ Tractor driver / Truck driver / Dozer driver / Roller driver / Concrete mixture operator / Crane operator	10.00	<input type="checkbox"/>
11	Labour-1	10.00	<input type="checkbox"/>
12	Labour-2	10.00	<input type="checkbox"/>
13	Labour-3	10.00	<input type="checkbox"/>
14	Mason (Special)	10.00	<input type="checkbox"/>
15	Painter/ Polisher (Special)	100.00	<input type="checkbox"/>

Navigation: << 1 2 >>

Figure 157: Item Rate Screen

Field Description:

Chapter Type: Select the Chapter Type from the list populated

Year: Select the Year for which the rates are to be updated

Chapter: Select the chapter name

Category: Select the category name

Zone: Select the Zone for which the rates are to be updated

Item Name: Displays the Item Name


Item Rate: Enter or Displays the Item Rate

Select: Click to update the Item Rate

- Note: 1) To enter the rates click on the "Select" check boxes for the Items.
- 2) To update the rates click on the "Update" button.
- 3) To copy the rates click on the "Copy Item Rates" link.
- 4) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.2.2. SR Item Rate

By selecting [Schedule of Rates -> Rate Details -> SR Item Rate](#), displays the SR Item Rate Screen. This screen is used to enter the rates for Civil, Electrical, and Non SR Items for various zones.

Copy SR Item Rate 

SR ITEM RATE		AMOUNT IN RS.	
Chapter Type	Civil	Year	2011
Chapter	Earthwork	Category	Earthwork
Zone	Mumbai	<input type="button" value="Show"/>	

- Parent SR item / SR item with breakup details

SR ITEM LIST		<input type="checkbox"/> INVERT SELECTION	
Sr.No.	Item Code	Item Name	Item Rate Select
1	1.1	Earth work in ordinary soil within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm., laying in layers not exceeding 0.3m., in depth and as per direction of the Engineer-in-charge.	296.80 #
2	1.3	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department including proper compaction with H.R.R. (section measurement to be taken in the finished compacted section of the fill).	<input type="text" value="1000"/> <input checked="" type="checkbox"/>
3	1.4	Earth work in ordinary soil in embankment and roads, etc. maximum laboratory dry density not less than 1.44gms./1.52gms./1.65gms. per cubic centimeter in road embankment respectively up to 3m./more than 3m. high and top 0.5m. below subgrade level, within 50m. initial lead and 1.5m. initial lift from approved borrow pits 5m. away from toe of the final section of the road embankment, bottom of the pit not being cut by an imaginary line having a slope 1:4 projected from the edge of the final section of the bank including rough dressing and breaking clods maximum 5cm. to 7cm. and laying in layer, each layer not exceeding 23cm. in depth up to required level including removal of roots, shrubs, bushes and all foreign debris from the earth and benching the old embankment, sectioning and cambering the earth work and conveyance of all materials, T & P articles required for the work and complete in all respect as per specification of work and direction of the Engineer-in-charge and to be measured on section measurement after compaction under O.M.C. condition (per 100 Cu.M.) including cost of controlled compaction with P.R.R., watering up to O.M.C. and confirming to approved specification including hire and running charges of P.R.R.	<input type="text" value="0.00"/> <input type="checkbox"/>
4	10	Fine dressing of earth work in ordinary or hard soil in road formation according to the direction of the department including cutting or filling earth upto 0.15m depth of surface	10.00 #
5	222 222 222 222 222	aaaaaaaaa aaaaaaaaaa	<input type="text" value="0.00"/> <input type="checkbox"/>

Figure 158: SR Item Rate Screen

Field Description:

Chapter Type: Select the Chapter Type from the list populated

Year: Select the Year for which the rates are to be updated

Chapter: Select the chapter name

Category: Select the category name

Zone: Select the Zone for which the rates are to be updated

Item Code: Displays the Item Code

Item Name: Displays the Item Name

Item Rate: Enter or Displays the Item Rate

Select: Click to update the Item Rate

- Note: 1) To enter the rates click on the "Select" check boxes for the Items.
- 2) To update the rates click on the "Update" button.
- 3) To copy the rates click on the "Copy SR Item Rates" link.
- 4) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.2.3. Copy Item Rate

By selecting [Schedule of Rates](#) -> [Rate Details](#) -> [Copy Item Rate](#), displays the Copy Item Rate Screen. This screen is used to copy the rates for Labour, Material, and Machinery Items from one zone to another zone.

To reflect the modified Item rate, please update the SR Item rate with link - Revision --> Update SR Item Rate

COPY ITEM RATE (ZONE TO ZONE)

Fields marked with an asterisk * are required.

Chapter Type	Labour	*
Year	2011	*
Chapter	Labour	
Category	Highly Skilled	
From Zone	Mumbai	*
To Zone	Nagpur	*

Copy Reset

Figure 159: Copy Item Rate Screen

Field Description:

- Chapter Type:** Select the Chapter Type from the list populated
- Year:** Select the Year for which the rates are to be updated
- Chapter:** Select the chapter name
- Category:** Select the category name
- From Zone:** Select the Zone from which the rates are to be copied
- To Zone:** Select the Zone from which the rates are to be copied

Note: 1) To copy the rates click on the "Copy" button.

2) To reset the selection click on the "Reset" button.

3) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.2.4. Copy SR Item Rate

By selecting [Schedule of Rates](#) -> [Rate Details](#) -> [Copy SR Item Rate](#), displays the Copy SR Item Rate Screen. This screen is used to copy the rates for Civil, Electrical, and Non SR Items from one zone to another zone.

COPY SR ITEM RATE (ZONE TO ZONE)

Fields marked with an asterisk * are required.

Chapter Type	Civil	*
Year	2011	*
Chapter	Earthwork	
Category	Earthwork	
From Zone	Mumbai	*
To Zone	Nagpur	*

Copy Reset

Figure 160: Copy SR Item Rate Screen

Field Description:

Chapter Type: Select the Chapter Type from the list populated

Year: Select the Year for which the rates are to be updated

Chapter: Select the chapter name

Category: Select the category name

From Zone: Select the Zone from which the rates are to be copied

To Zone: Select the Zone from which the rates are to be copied

Note: 1) To copy the rates click on the "Copy" button.

2) To reset the selection click on the "Reset" button.

3) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.3. Revision

15.3.1. Generate SR

By selecting [Schedule of Rates](#) -> [Revision](#) -> [Generate SR](#), displays the Generate SR Screen. This screen is used to generate the SR for the next selected year based the selected SR year. Using this screen the Chapters, Categories, Labour, Material, Machinery, Civil SR, Electrical SR and Non-SR Items are copied from the selected year to the new selected year.




Figure 161: Generate SR Screen

Field Description:

From Year: Select the Year from which the SR is to be generated

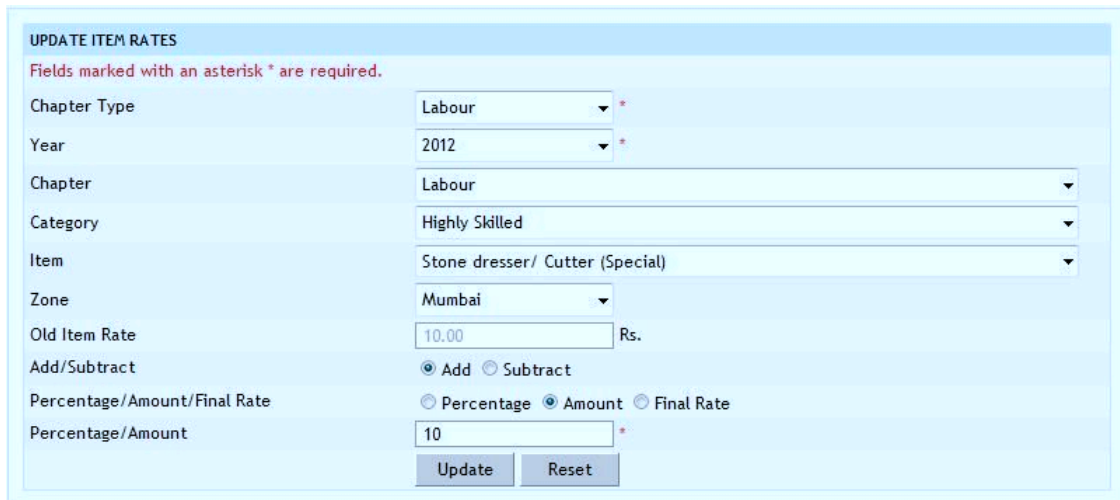
To Year: Select the Year to which the SR is to be generated

Note: 1) To generate the SR click on the "Generate" button.

2) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.3.2. Update Item Rates

By selecting [Schedule of Rates](#) -> [Revision](#) -> [Update Item Rates](#), displays the Update Item Rate Screen. This screen is used to update the Labour, Material and Machinery Items rates, which are copied from the previously selected year.



UPDATE ITEM RATES

Fields marked with an asterisk * are required.

Chapter Type: Labour *

Year: 2012 *

Chapter: Labour

Category: Highly Skilled

Item: Stone dresser/ Cutter (Special)

Zone: Mumbai

Old Item Rate: 10.00 Rs.

Add/Subtract: Add Subtract

Percentage/Amount/Final Rate: Percentage Amount Final Rate

Percentage/Amount: 10 *

Update Reset

Figure 162: Update Item Rates Screen

Field Description:

- Chapter Type:** Select the Chapter Type from the list populated
- Year:** Select the Year for which the rates are to be updated
- Chapter:** Select the chapter name
- Category:** Select the category name
- Item:** Select the category name
- Zone:** Select the Zone from which the rates are to be copied
- Old Item Rate:** Select the Zone from which the rates are to be copied
- Add/Subtract:** Select the category name
- Percentage/Amount/Final Rate:** Select the category name
- Percentage/Amount:** Select the category name

Note: 1) To update the rates click on the "Update" button.

2) To rest the selection click on the "Reset" button.

3) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.3.3. Update SR Item Rates

By selecting [Schedule of Rates -> Revision -> Update SR Item Rates](#), displays the Update SR Item Rate Screen. This screen is used to update the Civil, Electrical and Non SR Items rates, which are copied from the previously selected year.

UPDATE SR ITEM RATES

Fields marked with an asterisk * are required.

Chapter Type: Civil SR *

Year: 2012 *

Chapter: Earthwork

Category: Earthwork

SR Item: [1001.1] - Earth work in ordinary soil within 50m

Zone: Mumbai

Update Reset

Figure 163: Update SR Item Rates Screen

Field Description:

Chapter Type: Select the Chapter Type from the list populated

Year: Select the Year for which the rates are to be updated

Chapter: Select the chapter name

Category: Select the category name

SR Item: Select the category name

Zone: Select the Zone from which the rates are to be copied

Note: 1) To update the rates click on the "Update" button.

2) To rest the selection click on the "Reset" button.

3) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.4. SR Reports

15.4.1. Index List

By selecting [Schedule of Rates -> Reports -> Index List](#), displays the Index List Report Screen. This report screen is used to generate the Labour, Machinery, Material, Civil, Electrical and Non SR Items index List.

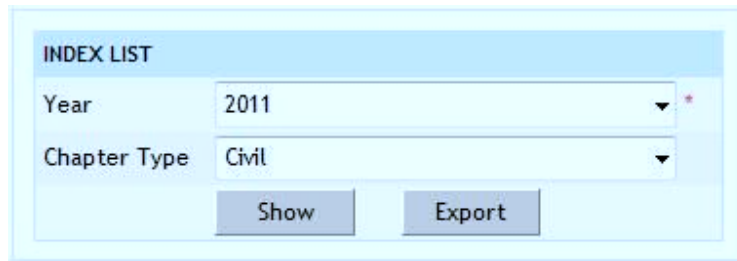


Figure 164: Index List Report

Note: 1) To view the report on screen click on the “Show” button.

2) To export the report in PDF file click on the “Export” button.

3) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.4.2. Item List

By selecting [Schedule of Rates -> Reports -> Item List](#), displays the Item List Report Screen. This report screen is used to generate the Labour, Machinery and Material Items List.

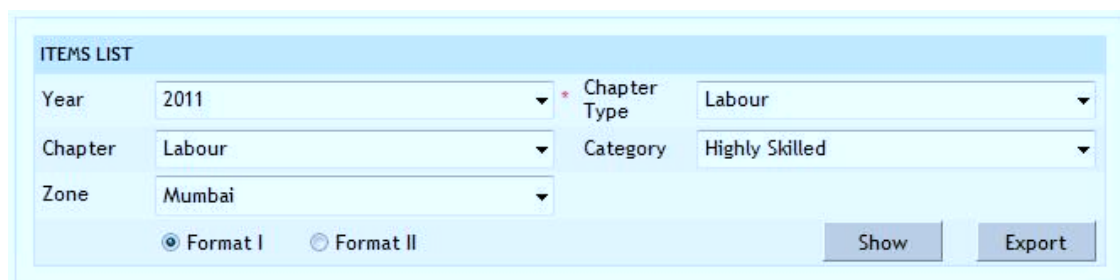


Figure 165: Item List Report

Note: 1) To view the report on screen click on the “Show” button.

2) To export the report in PDF file click on the “Export” button.

3) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.4.3. SR List

By selecting [Schedule of Rates -> Reports -> SR List](#), displays the SR List Report Screen. This report screen is used to generate the Civil, Electrical and Non SR Items List.

Figure 166: SR List Report

Note: 1) To view the report on screen click on the “Show” button.

2) To export the report in PDF file click on the “Export” button.

3) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.4.4. Rate Analysis

By selecting [Schedule of Rates -> Reports -> Rate Analysis](#), displays the Rate Analysis Report Screen. This report screen is used to generate the Rate Analysis for Civil, Electrical and Non SR Items.

Figure 167: Rate Analysis Report

Note: 1) To view the report on screen click on the “Show” button.

2) To export the report in PDF file click on the “Export” button.

3) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

15.4.5. Comparison Statement

By selecting [Schedule of Rates -> Reports -> Comparison Statement](#), displays the Comparison Statement Report Screen. This report screen is used to generate the Comparison Statement of Rates for Civil, Electrical and Non SR Items.



COMPARISON STATEMENT			
Type	Civil SR	* Year 1	2011 *
Chapter	Earthwork	* Category	Earthwork *
Year 2	2007	* Zone	Mumbai *
		<input type="button" value="Show"/> <input type="button" value="Export"/>	

Figure 168: Comparison Statement Report

Note: 1) To view the report on screen click on the "Show" button.

2) To export the report in PDF file click on the "Export" button.

3) You must have the privileges to view/add/edit/delete the records otherwise the corresponding options will be disabled.

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