

APPENDIX – I

Information System For Rastriya Krishi Vikash Yojana STW/LLP

Installation & Administration Guide of Information System for RKVY STW/LLP On Windows Operating Systems

Steps:

- A. INSTALLATION OF MySQL SERVER (Database Server)
- B. INSTALLATION OF ZEND SERVER (Web Server)
- C. COPYING OF FILES (Information System of RKVY 2011 STW/LLP)
- D. SETTING UP THE INFORMATION SYSTEM OF RKVY 2011 STW/LLP & ADMINISTRATION

Description:

A. INSTALLATION OF MySQL SERVER (Database Server)

1. Open “mysql-essential-5.1.33-win32.msi” from the CD
2. Click “Next”
3. Select “Typical” click “Next”
4. Click on “Install”
5. Click “Next” and again “Next”
6. Select “Configure the MySQL Server Now” and click “Finish”
7. Click “Next”
8. Select “Standard Configuration” and click “Next”
9. Select “Install As Windows service”, select “Launch the MySQL Server Automatically”, Select “Include Bin directory in Windows PATH”, click “Next”
10. Select “Modify Security Settings”, assign Root Password and click “Next”
11. Click on “Execute” and click “Finish”

B. INSTALLATION OF ZEND SERVER (Web Server)

1. Open “ZendServer-php-5.2.14-5.0.4-Windows_x86.exe”_ from the CD and Click “Next”
2. Select “I accept the terms of the license agreement” and click “Next”
3. Select “Typical” click “Next”
4. Select “Install an Apache 2.2.16 Web Server” and click “Next”
5. Click “Install”
6. Unselect “Start Working with Zend Server” and click “Finish”

C. COPYING OF FILES (Information System of RKVY 2011 STW/LLP)

1. Open drive “C”

2. Open folder "Program Files"
3. Open folder "Zend"
4. Open folder "Apache2"
5. Open folder "htdocs"
6. And delete all contents found inside this folder
7. Finally copy all contents from folder "rkvy2011" to here.
8. You should have contents inside "htdocs" as follows :
Folders : Applicant, Backup, Billing, Find, Home, Include, Install, Login
File : index.php

D. SETTING UP THE INFORMATION SYSTEM OF RKVY 2011 STW/LLP & ADMINISTRATION

1. Open "Internet Explorer" or any browser
2. Type URL as <http://localhost/Install>
3. You will be redirected to a form namely "Installation data for R.K.V.Y 2011"
4. Fill the form by following guidelines as shown below

Database Host Name : Should be "localhost"

Database Username : "root"

Database Password : Password should be what you have assigned during MySQL ` installation.

Database Name : Assign a database name say "rkvy2011"

Administrator Login Id : Say "admin"

Administrator Password : Say "adminadmin"

5. Click "Install"
6. If properly installed you will be redirected to the Login page.

ADMINISTRATION

Now assign Login Id say "admin" and password say "adminadmin"

GOVT. OF ASSAM

OFFICE OF THE EXECUTIVE ENGINEER (AGRI)

TEZPUR DIVISION, SONITPUR, ASSAM

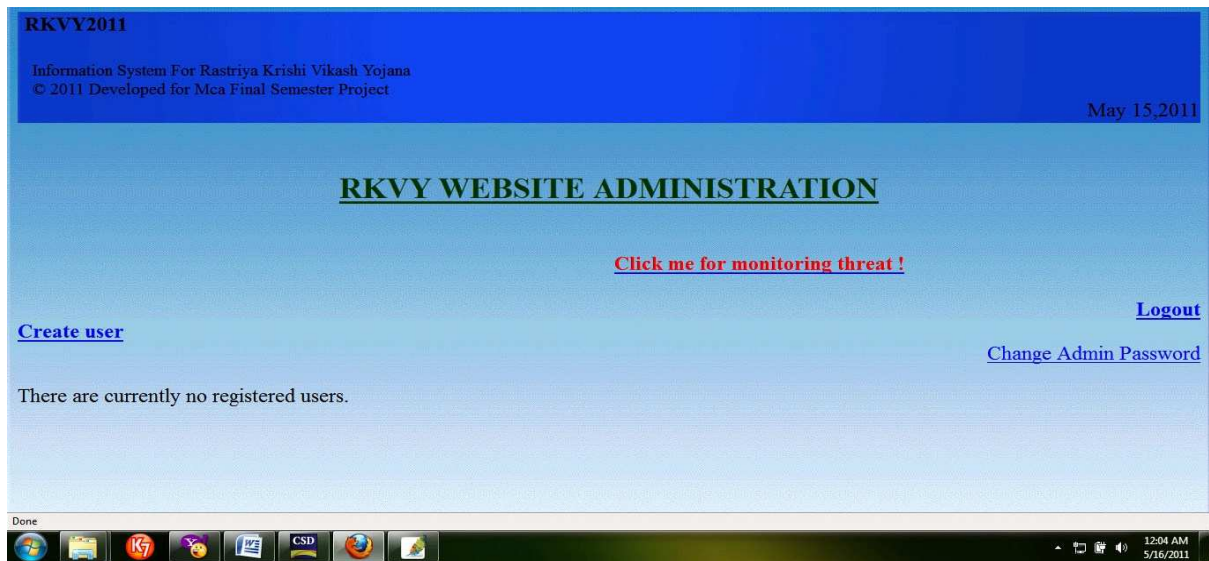
WBIS For RKVY STW/LLP

Login Id

Password

RKVY WBIS LOGIN

You will be redirected to a page namely “RKVY Website Administration”.



You can create user by pressing the link on “Create User”, which is shown on the next page.

The screenshot shows a web form titled 'ENTER REGISTRATION DETAILS' in large, bold, blue letters. The form is set against a light blue background. It contains five input fields: 'First Name' with the value 'Parthapratim', 'Last Name Name' with the value 'Handique', 'Login Id' with the value 'parthapratim', 'Password' with five dots, and 'Retype Password' with five dots. Below the input fields are two buttons: 'Register' and 'Close'. At the bottom of the form, there is a red text message: 'Password must be atleast 6 character long !'.

Here Login Id must be at least 5 character and Password must be at least 6 character for security reasons.

ENTER REGISTRATION DETAILS

First Name	Parthapratim
Last Name Name	Handique
Login Id	parthapratim
Password	•••••
Retype Password	•••••

Successfully Registered with Login Id : parthapratim !

Now by pressing the “Close” button you will be redirected to the main page for administration. All registered users of the system will be shown here and you can delete any user by pressing the “Cross” button on the page.

RKVY2011
Information System For Rastriya Krishi Vikash Yojana
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May 15, 2011

RKVY WEBSITE ADMINISTRATION

[Click me for monitoring threat !](#)

[Create user](#) [Logout](#)
[Change Admin Password](#)

There are currently 1 registered users.

Delete	First Name	Registration Date
	Parthapratim	2011-05-16 00:12:14

The page at http://localhost says:
Are you sure to delete this user?
OK Cancel

Some other important actions say monitoring threat to the system can be easily analyzed by clicking the link “Click me for monitoring threat !” . Following information can be obtained from the threat monitoring log :

- Date and Time when the site is visited.
- IP Address of the viewers machine

- Computer Name of the viewers machine
- Login Id used to access the site. Here whether the login process is successful or not Login Id will be recorded; in case of illegal penetration at least we can analyze which Login Id or SQL query used by the cracker.

RKVY WEBSITE ADMINISTRATION

Close

THREAT MONITORING LOG!

Date	May 6, 2011	Time	02:04:06	IP Adrees	127.0.0.1	Computer Name	ruhul-PC	Login Id	admin
Date	May 6, 2011	Time	02:04:33	IP Adrees	127.0.0.1	Computer Name	ruhul-PC	Login Id	wbisuser1
Date	May 6, 2011	Time	02:15:10	IP Adrees	127.0.0.1	Computer Name	ruhul-PC	Login Id	admin
Date	May 12, 2011	Time	06:44:51	IP Adrees	192.168.0.6	Computer Name	ARIFSAKIB	Login Id	prantor
Date	May 14, 2011	Time	04:39:33	IP Adrees	127.0.0.1	Computer Name	ruhul-PC	Login Id	SELECT * FROM members WHERE username = '\\' OR 1\''

Done

1:48 AM 5/16/2011


APPENDIX – II

Information System For Rastriya Krishi Vikash Yojana STW/LLP

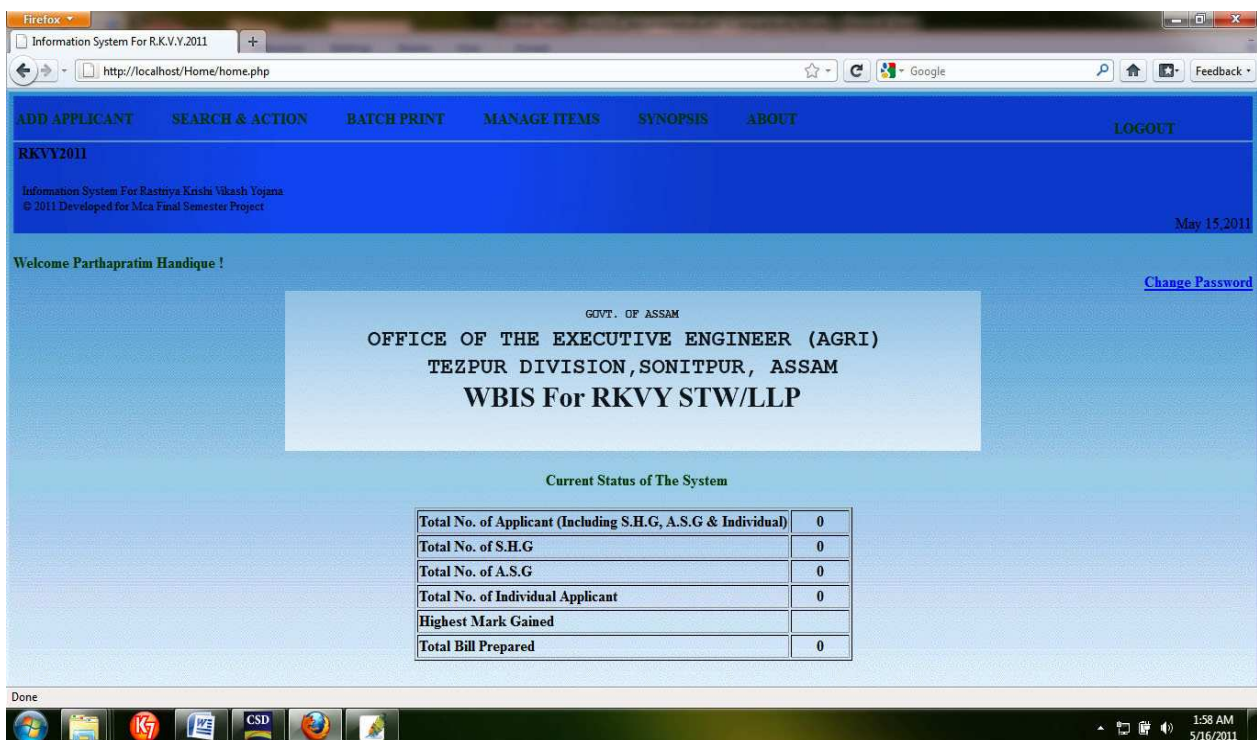
USER MANUAL FOR INFORMATION SYSTEM OF RKVY STW/LLP

1. To start working with the system open Internet Explorer or any browser then type “<http://localhost>” but address will be the IP address of the server say “<http://192.168.0.1>” if you are on a different computer. If the address is correct you will get the following page.

Before using the system you need a valid Login Id and Password from Administrator, for unauthorized access and penetration a little security is implemented.



2. If Login successful you'll be redirected to the home page of the system.



Current Status of The System	
Total No. of Applicant (Including S.H.G, A.S.G & Individual)	0
Total No. of S.H.G	0
Total No. of A.S.G	0
Total No. of Individual Applicant	0
Highest Mark Gained	
Total Bill Prepared	0

3. Now you can change the password which you have received from administrator.

N.B. password should be at least six character long and alphanumeric is preferable.



A screenshot of a web form for changing a password. The form has three input fields: 'Current Password', 'New Password', and 'Retype New Password'. All three fields are filled with black dots, indicating masked text. Below the fields are two buttons: 'Save' and 'Cancel'. At the bottom of the form, a red error message reads: 'Both New passwords are not same !'.

If the password has been changed successfully you can press the link to Login with the changed password.



A screenshot of a web form for changing a password, showing a successful outcome. The form has three input fields: 'Current Password', 'New Password', and 'Retype New Password'. The 'Current Password' and 'Retype New Password' fields are empty, while the 'New Password' field contains black dots. Below the fields are two buttons: 'Save' and 'Cancel'. At the bottom of the form, a green success message reads: 'Password Successfully Changed !'. Below this message is a blue, underlined link that says: 'Click Here to Login'.

3. Following the link "ADD APPLICANT" from home page you will be redirected to this page. Here you can provide applicant information.

Firefox

Applicant's Info for R.K.V.Y.2011

http://localhost/Applicant/applicant.php?group_id=2

RKVY2011
Information System For Rastriya Krishi Vikash Yojana
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May 13, 2011

APPLICANT INFORMATION

Applicant Category: S.H.G
Date of Entry: 2011-05-15
G.P: No. 1. Dolabari
Sub-Division: Tezpur
Total Land: 20 Bigha

Representative's Name: Ruhul Amin Khan
Name of Machinery: Low Lift Pump
S.H.G Name: Green Valley
No. of Group Members: 5
Machinery Obtained: 1
Z.P: Sonitpur
Block: Gabharu
P.O: Koliabhomora
Phone/Record No: 9001

INFORMATION FOR AUTO SCORE GENERATION

Amount in Bank Account:
Willingness to Contribute Farmer's Share: Yes
If any member is defaulter any bank loan: No
Irrigation Facilities Within the Group: None
Presence of Weaker Section(ST/SC) in the Group: 18
No. of Women Farmers in the Group: 17
Use of Fertilizer in Existing Operation: Fifty
Present Cropping Intensity: 17

Save Close Add New

Done

By pressing the "Save" button, entered data will be shown again and if there's any error, can be edited by pressing "Edit Applicant" button.

Firefox

Applicant's Info for R.K.V.Y.2011

http://localhost/Applicant/applicant.php?group_id=2

APPLICANT INFORMATION

Applicant Category: S.H.G
Date of Entry: 2011-05-15
G.P:
Sub-Division:
Total Land:

Representative's Name:
Name of Machinery:
S.H.G Name:
No. of Group Members: Select
Machinery Obtained: Select
Z.P:
Block:
P.O:
Phone/Record No:

INFORMATION FOR AUTO SCORE GENERATION

Amount in Bank Account:
Willingness to Contribute Farmer's Share: Select
If any member is defaulter any bank loan: Select
Irrigation Facilities Within the Group: Select
Presence of Weaker Section(ST/SC) in the Group: Select
No. of Women Farmers in the Group: Select
Use of Fertilizer in Existing Operation: Select
Present Cropping Intensity: Select

Save Close Add New

VERIFY RECORDED INFORMATION

Representative's Name	Ruhul Amin Khan	No. of Group Members	5
S.H.G Name	Green Valley	Name of Machinery	Low Lift Pump
Date of Entry	2011-05-15	GP	No. 1. Dolabari
Machinery Obtained	1	Z.P	Sonitpur
A.P	Tezpur	Sub Division	Tezpur
Block	Gabharu	P.O	Koliabhomora
Village	No. 1. Dolabari	Total Land	20 Bigha
Phone/Record No	9001	Total Marks	58
Cultivable Land	15 Bigha		

Edit Applicant Delete Applicant Create Bill Refresh

Done

After changing some data by pressing "Update" button, updated information will be shown on the same page.

Firefox

Applicant's Info for R.K.V.Y.2011

Applicant's Info for R.K.V.Y.2011

http://localhost/Applicant/applicant_edit.php?applicant_id=31&group_id=2

APPLICANT INFORMATION

Applicant Category: S.H.G. Representative's Name: Ruhul Amin Khan S.H.G Name: Green Valley No. of Group Members: 5

Date of Entry: 2011-05-15 Name of Machinery: Low Lift Pump Machinery Obtained: 1

G.P: No. 1. Dolabari A.P: Tezpur Z.P: Sonitpur Block: Gabharu

Sub-Division: Tezpur Village: No. 1. Dolabari P.O: Koliabhomora Phone/Record No.: 9001

Total Land: 20 Bigha Cultivable Land: 15 Bigha

INFORMATION FOR AUTO SCORE GENERATION

Amount in Bank Account: 0.00

Willingness to Contribute Farmer's Share: Yes

If any member is defaulter any bank loan: No

Irrigation Facilities Within the Group: None

Presence of Weaker Section(ST/SC) in the Group: 18

No. of Women Farmers in the Group: 17

Use of Fertilizer in Existing Operation: Fifty

Present Cropping Intensity: 17

Update **Close**

VERIFY RECORDED INFORMATION

Representative's Name: Ruhul Amin Khan

S.H.G Name: Green Valley No. of Group Members: 5

Date of Entry: 2011-05-15 Name of Machinery: Low Lift Pump

Machinery Obtained: 1 GP: No. 1. Dolabari

A.P: Tezpur Z.P: Sonitpur

Block: Gabharu Sub Division: Tezpur

Village: No. 1. Dolabari P.O: Koliabhomora

Phone/Record No: 9001 Total Land: 20 Bigha

Cultivable Land: 15 Bigha Total Marks: 58

Done

- Necessary items for billing has been automatically added during installation but if you need to add or delete some item, you can use this page by pressing "MANAGE ITEMS" link from home page.

ENTER ITEM DETAILS

Item Category: Select Item Category

Item Name:

Brand:

Model:

Price:

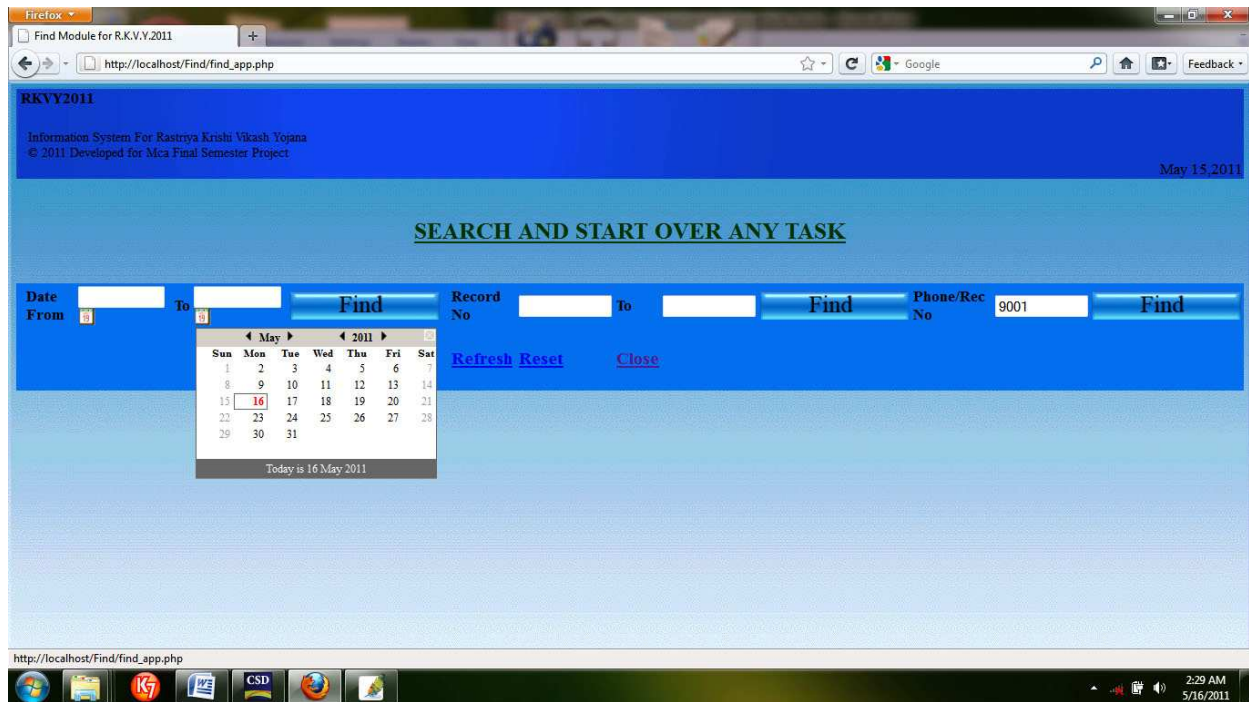
Add Item **Close**

There are currently 33 item.

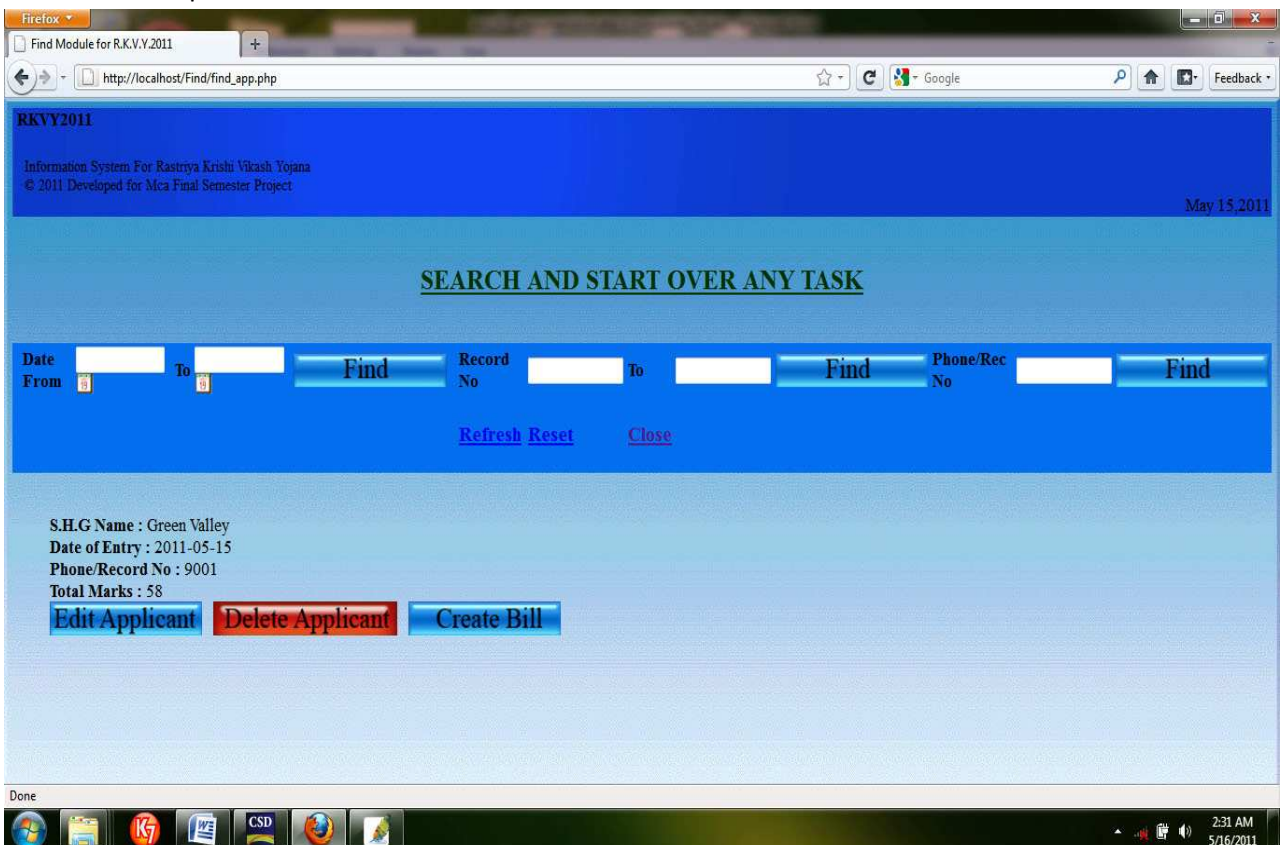
Delete	Category	Item Name	H.P	Brand	Model	Price
	Installation Work	Cost of pebbles				250.00
	Installation Work	Labour Charge for bore directed inclusive of c				85.00
	Pump-set	Parshva Diesels Pvt. L	5	ALFA	WK-3	28350.00
	Pump-set	Lubi Submersibles Ltd	5	Lubi	LS-50	29085.00
	Pump-set	Lubi Submersibles Ltd, Ahmedabad	5	Lubi	LS-45	26376.00
	Pump-set	Lubi Submersibles Ltd, Ahmedabad	4	Lubi	LS-40L	19320.00

[Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [Next](#)

- Records can be retrieved by pressing "SEARCH & ACTION" from home page. Records can be list out between two dates, two record numbers or by phone/ record number of an applicant. Here, if you need to list out all records of one particular date, just select same date for both boxes.



Here's an example of that.



After retrieval of a record an action can be performed say, you want to prepare a bill then just press button “Create Bill” and you’ll be redirected to the following page.

Now enter available data and if data is not available leave the boxes with default values and press button “Ok” and “Proceed”.

ENTER BILL INFORMATION			
Work Order No.	EE/Agn/Tcz/T-98/10-11/	78	
Work Order Date	2011-04-01		
MB No.	67	Page No.	30
Date of Completion of Work	2011-04-07	To	40
Depth of Boring	23.00		
Materials Information			
Vide Cash-Memo No.	NA	dtd	0000-00-00
Pump-Set Information		M/S	NA
Vide Bill No.	NA	dtd	0000-00-00
		M/S	NA
<input type="button" value="Ok"/> <input type="button" value="Close"/>			
VERIFY RECORDED INFORMATION			
Work Order No :	78		
Work Order Date :	2011-04-01		
MB No :	67	Page No	30
Date of Completion of Work :	2011-04-07	To	40
Depth of Boring :	23.00 M		
Materials Information			
Vide Cash-Memo No :	NA	dtd :	0000-00-00
Pump-Set Information		M/S :	NA
Vide Bill No :	NA	dtd :	0000-00-00
		M/S :	NA
<input type="button" value="Edit"/> <input type="button" value="Proceed"/>			

After pressing “Proceed” button you will be redirected to the following page. Here the links should be followed strictly as indicated by a right arrow. First “Cost of Material” then “Cost of Installation” then “Cost of Pump Set”, “Summarize” and finally “View & Print”. Boxes on the page will be automatically filled as you follow the links.

<u>RKVY AUTO BILLING FOR A.S.G/S.H.G/Individual</u>	
Current Bill for Green Valley (S.H.G)	
Cost of Material → Cost of Installation → Cost of Pump Set → Summarize → View & Print	
Cost of Material	
Cost of Installation	
Cost of Pump Set	
Total Cost of S.T.W	
Govt. Subsidy	
Farmer's Share	
Farmer's Share to be deposited 0	
<input type="button" value="Close"/>	

Here's the "Cost of Material" page. You can add materials one at a time. Or by pressing button "Pre-Set" you can add fixed predetermined items. After items added press "Complete" button.

The screenshot shows the 'Cost of Material' interface. At the top, there is a 'Pre-Set' button and a form with fields for 'Select Item', 'Price', 'Quantity', and 'Rs.' followed by an 'Add' button. Below this is a table with columns: Delete, SL.No., Item Name, Quantity, Rate, and Amount. The table contains 11 rows of materials. A modal dialog box is open in the center, asking 'Are you sure to fill with predetermined records?' with 'OK' and 'Cancel' buttons.

Delete	SL.No.	Item Name	Quantity	Rate	Amount
	1	PVC Male Thread Adaptor	1	30.00	30.00
	2	PVC Suction Pipe, 80mm Dia	1	103.00	103.00
	3	End plug 90mm Dia	1	40.00	40.00
	4	Combined Special Tee, (80X40X)	1	150.00	150.00
	5	Hand Tube Well head, No.6	1	680.00	680.00
	6	PVC Ribbed Screen Strainer of 90mm	10	215.00	2150.00
	7	Light duty G.I Pipe of 80mm Dia, BIS-1239	3	255.00	765.00
	8	PVC Pipe of 90mm Dia, BIS-4985	15	115.00	1725.00
	9	GI Nipple (150X40)mm	1	30.00	30.00
	10	PVC Socket	3	25.00	75.00
	11	Solvent cement	1	25.00	25.00

At the bottom of the page is a 'Complete' button.

"Cost of Installation" and "Cost of Pump Set" page is quite similar with the above page. That's why it's not being shown.

Page to "Summarize" is shown on the next page. In this page we can summarize the total cost with permissible Govt. Subsidy. If the amount is exceeding the permissible range, a warning will be shown. *If all items are added properly the error should be resolved in the final report. So before printing just check out whether the bill is valid or not.*

The first screenshot shows the 'Summarize' page with the following fields: 'Total Cost of S.T.W' (25113), 'Govt. Subsidy' (dropdown menu showing 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59), '% = 15067.8', and 'Farmer's Share' (10045.2). A 'Complete' button is visible.

The second screenshot shows the same page but with a warning message in red: 'Exceeding permissible Govt. Subsidy i.e 20,400/- !'. Below the warning is a hint: 'Hint : Press Complete to change in previous steps !'. A 'Complete' button is at the bottom.

By pressing the “Print” button on the final bill page you can take the printout.

The screenshot shows a bill form with a print dialog box overlaid. The dialog box is titled "Print" and contains the following fields:

- Printer Name: Send To OneNote 2007
- Status: Ready
- Type: Send To Microsoft OneNote Driver
- Where: Send To Microsoft OneNote Port
- Comment: (empty)
- Print to file: ☐
- Print range: ☒ All, ☐ Pages from: 1 to: 1, ☐ Selection
- Copies: Number of copies: 1, ☐ Collate
- Print Frames: ☐ As laid out on the screen, ☐ The selected frame, ☐ Each frame separately

The background form includes a table with items like "Cost of pebbles", "Labour", and "Item.No.". It also has sections for "Total cost of STW", "Govt. Subsidy", "Farmer's Share", and "Farmer's Share". At the bottom, there are fields for "Checked By", "Executive Engineer (Agri)", "Asstt. Agril. Engineer (Agri)", and buttons for "Close" and "Print".

- By following the link “BATCH PRINT” on the home page we will be redirected to the following page. We can produce a no. of hard copies of prepared bills at a time.

The screenshot shows a web browser window displaying the "BATCH PRINTING SYSTEM FOR PREPARED BILLS". The page has a blue header with the text "RKVY2011" and "Information System For Rastriya Krishi Vikas Yojana". The main content area has a blue background and contains the following elements:

- Buttons: "Date From", "To", "Find", "Record No", "To", "Find", "Close", "Print".
- Text: "Total 1 Bill is ready to print !", "Page No. 1", "Bill For Installation of STW under RKVY".

A print dialog box is overlaid on the page, showing the same fields as the first screenshot, but with the printer name "VARIFSAKIB/HP Deskjet F300 series" and the type "HP Deskjet F300 series". The dialog box also shows the "Print range" and "Copies" sections.

7. By following the link “SYNOPSIS” on the home page we will be redirected to the following page.
A summary of the applicant records and their current status say whether the bill is prepared or not and some additional information can be obtained.

Batch Printing Module for R.K.V.Y.2011

http://localhost/Find/synopsis.php#

SYNOPSIS OF RKVY STW/LLP

Date From: 2011-04-01 To: 2011-05-31 Find Record No: To: Find

Close

Print

Total 15 Applicant record is ready to print !

APPLICANT INFORMATION FOR RKVY STW/LLP

SI No. 1

Farmer's Name	Amp	Name of Machinery	STW
Date of Entry	2011-04-25	GP	GP
Machinery Obtained	1	Z.P	sp
A.P	sp	Sub Division	tezpur
Block	block	P.O	po
Village	vill	Total Land	20 bigha
Phone/Record No	9854443104	Total Marks	
Cultivable Land	15 bigha		
Bill Prepared	Yes		

SI No. 2

Farmer's Name	Wahb	Name of Machinery	STW
Date of Entry	2011-04-25		

Done

2:54 AM
5/16/2011

Thanking You,
Ruhul Amin Khan.
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Email: ruhulforever@gmail.com