



WRMIS User Manual

Tenders Monitoring

DEVELOPMENT OF WATER RESOURCES
MANAGEMENT INFORMATION SYSTEM (WRMIS)
AND DECISION SUPPORT SYSTEM (DSS)

NESPAK

Version 1.0

April 13, 2017









Revision History

Version	Date	Ву	Summary of Changes
1.0	13-April-17	NESPAK	Initial Draft









TABLE OF CONTENTS

1.	Tenders Monitoring	8
S	Search Tender Notice	
	Tender Notice	1
	Status1	1
	Domain	1
	Division1	1
	Submission From	2
	Submission to	2
	Opening From	2
	Opening to	2
	Search1	2
	Add	2
	Search Result	3
2.	Add Tender Notice	3
	Tender Notice	3
	Domain	4
	Division1	4
	Submission From	4
	Submission Time	4
	Opening From1	4
	Opening Time1	4
	Advertisement Source	4
	Remarks1	5
	Document1	5
	Save1	5
	Back1	5
3.	Tender Works1	6
	Back1	7
4.	Add / Associate Works with Tender Notice	7









	Select Work	. 17
	Division	. 17
	Year	. 18
	Closure Work Type	. 18
	Search	. 18
	Back	. 18
	Search Results	. 18
	Save	. 18
5.	View Work / Tender Details	. 19
	Tender Opening office	. 20
	Back	. 21
6.	View Work Items	. 21
	Back	. 21
7.	Sold Tender List	. 21
	Add Company Name	. 22
	Close Tender	. 22
	Back	. 23
8.	Tender Evaluation Committee	. 23
	Actions	. 24
	Back	. 24
9.	Tender Opening Process	. 24
	Committee Attendance	. 25
	Monitored by	. 25
	Name	. 25
	Opened by	. 25
	Mark Attendance of Committee Members	. 25
	Attach Attendance Sheet	. 26
	Save and Proceed	. 26
	Back	. 26
	Contractors Attendance	. 26
	Tender Price	28











	Company Name	. 29
	Estimate	. 29
	Rate of Items	. 29
	Call Deposit Details	. 29
	Save	. 30
	Back	. 30
	Back to Tender Work	. 30
	ADM Report	. 31
	Actual Submission Time	. 31
	Actual Opening Time	. 31
	Rejected Contractors	. 31
	Observations	. 31
	Upload Received Tenders	. 32
	Upload Snap/Video	. 32
	Cancel Tender	. 32
	Save	. 32
	Back	. 32
	Back to Tender Work	. 32
	Comparative Statement	. 32
	View Comparative Statement	. 33
	Award Contractor	. 33
	Save	. 33
	Back to Tender Work	. 34
10.	Reference Data	. 35
	Tender Opening Office	. 39
	Add	. 39
	Edit	. 39
	Delete	. 40
	Contractors	. 40
	Add	. 40
	Fdit	41









	Delete	. 41
	Evaluation Committee	. 41
1.	Android Application - Tender Management	. 43
	Select Division	. 45
	Select Tender Notice	. 45
	Select Tender Work	. 45
	Evaluation Committee Attendance	. 45
	Contractor Attendance	. 45
	Tender Price	. 45
	Evaluation Committee Attendance	. 46
	Monitored by	. 48
	Name	. 48
	Opened by	. 48
	Attach Attendance Sheet	. 48
	Submit	. 48
С	ontractor Attendance	. 49
	Name	. 51
	Contract Members	. 51
	Attach Attendance Sheet	. 51
	Submit	. 51
Т	ender Price	
	Company/Contractor	
	Estimate	
	Next	
	Call Deposit	
_	ADM Report	
R	eports	
	Division	. 62
	Status	. 62
	Tender	. 62
	View	62

















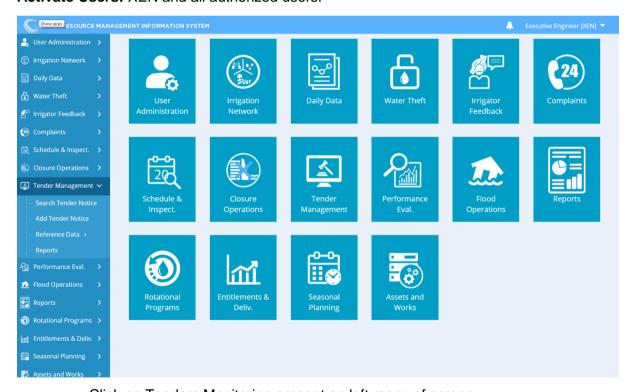
1. Tenders Monitoring

This module provides an interface to add, edit and delete the tender's information which constitutes Tender Notice, Work(s) in a tender notice, Sold tenders list, Committee members list, Contractors list and Tender Opening Process which includes Attendance of committee members and contractors, Tender Price, Call Deposit Receipt, ADM Report and Comparative statement. In addition to it, Reference data and Reports of this module is also maintained.

Business User: XEN, SE, CE, Secretary and relevant users (PMO Barrages, LBDC, PMIU, PIDA, PMU, IRS, Other)

Pre-Requisite: Tenders Monitoring Role and Rights should be assigned to respective user correctly.

Activate Users: XEN and all authorized users.



- Click on Tenders Monitoring present on left menu of screen.
- System redirects user to Tenders Monitoring main screen.











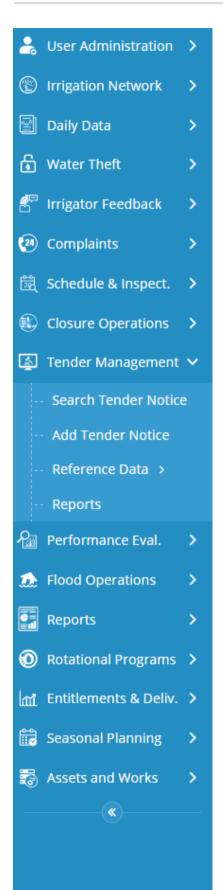
How to Access: Main Menu -> Tenders Monitoring













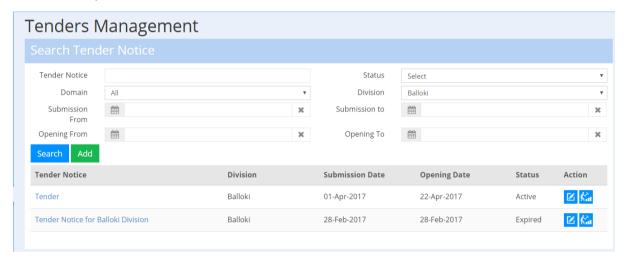






Search Tender Notice

- Click on Search Tender Notice through Tenders Monitoring present on left menu of screen.
- System redirects user to Search Tender Notice search screen.



Tender Notice

Tender Notice

Enter the 'Tender Notice' at text field

Status

Status Select ▼

• Select 'Status' from Dropdown

Domain

Domain All ▼

- Select 'Domain' from Dropdown.
- Relevant divisions are populated on selection of Domain.

Division

Division Balloki ▼





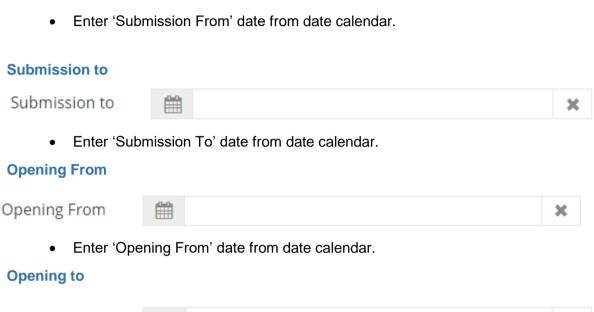




• Select the 'Division' from Dropdown

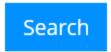
Submission From





Enter 'Opening To' date from date calendar.

Search



Opening To

- Click on search button, System checks for mandatory fields
- System shows relevant details based on selection criteria.

Add



- Click on Add button.
- System redirects user to Add Tender Notice screen.





×





Search Result

Tender Notice	Division	Submission Date	Opening Date	Status	Action
Tender	Balloki	01-Apr-2017	22-Apr-2017	Active	☑ Kai
Tender Notice for Balloki Division	Balloki	28-Feb-2017	28-Feb-2017	Expired	☑ Kat

Actions against retrieved data



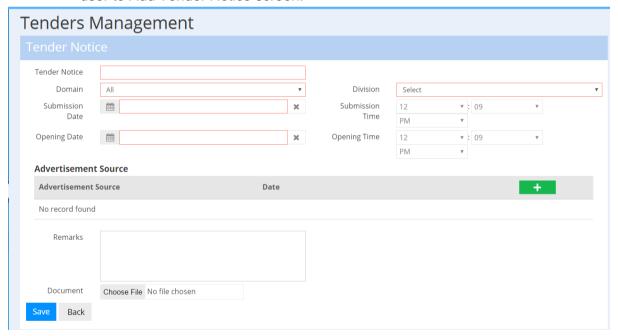
- Click on 'Edit' icon to edit details of Tender Notice.
- · This button is enabled only when Status of Tender Notice is Active



• Click on 'Works' icon to view Tender Works.

2. Add Tender Notice

• Clicking on "Add" button at Search Tender Notice screen, System redirects the user to Add Tender Notice screen.



Tender Notice

Tender Notice

Enter the 'Tender Notice' at text field









Domain

Domain All ▼

- Select the 'Domain' from Dropdown
- On selection of Domain, Divisions are populated

Division



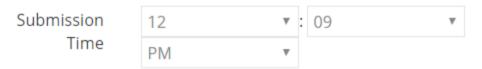
• Select the 'Division' from Dropdown

Submission From



Enter 'Submission From' date from date calendar.

Submission Time



• Enter 'Submission Time' from time dropdowns.

Opening From



• Enter 'Opening From' date from date calendar.

Opening Time



Enter 'Opening Time' from time dropdowns.

Advertisement Source

Click on button to add entries against advertisement source.







Advertisement Source					
Advertisement Source	I	Date		+	
		#	×	î	
Enter	'Advertisement Sourc	e' at text field			
 Select 	Date from date caler	ndar.			
Click on delete button to cancel the added entry from grid					
Remarks					
Remarks					

• Enter the 'Remarks 'at text area

Document

Document Choose File No file chosen

• Enter the file/picture of require 'Document' from button.

Save

Save

- · Click on save button.
- System checks for mandatory fields and on successful validation saves the details in database.

Back

Back

- Click on Back button.
- System redirects user to Search Tender Notice screen.



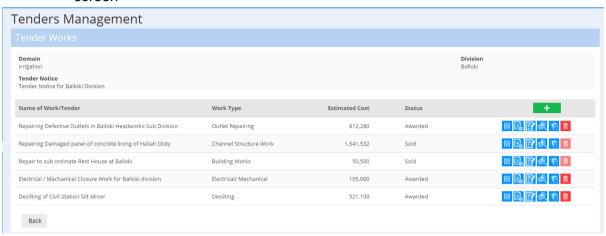






3. Tender Works

After clicking on Works icon, System redirects the user to tenders works screen



Actions against retrieved data



Click on 'Add' icon to add a work in the Tender Notice.



Click on 'Details' icon to get details of Tender works.



· Click on 'Work Items' icon to view work items.



Click on 'Sold Tender List' icon to get details of sold tender list.



 Click on 'Tender Evaluation Committee' icon to get details of tender evaluation committee.



 Click on 'Tender Opening process' icon to get details of Tender opening process.











- Click on 'Delete' icon to delete tender works.
- If the status of tender is 'Not Sold' only then delete button is enabled.

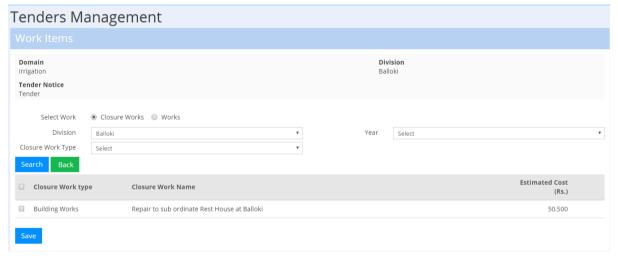
Back

Back

- Click on Back button.
- System redirects user to Tenders Notice Search screen.

4. Add / Associate Works with Tender Notice

- Click on button, system redirects user to Add Work screen
- System presents a search screen of work to associate work with a tender notice
- If the status of Tender notice Active, then only can works be associated with tender notice



Select Work

• Select radio option from select work radio button.

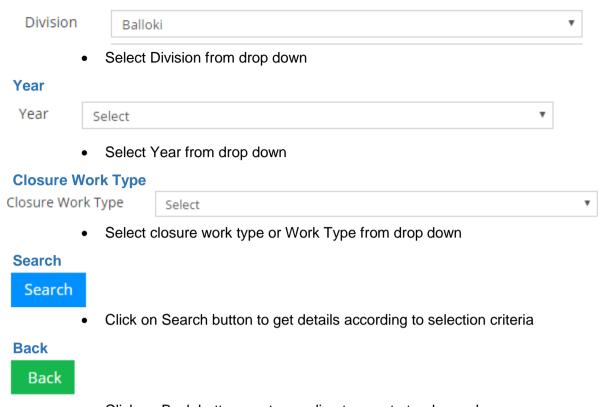
Division





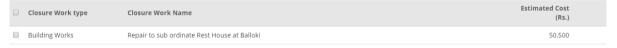






Click on Back button, system redirects user to tender works screen.

Search Results



Save

 Click on check box of closure work type or Work type for associating the work with Tender notice

Save



- Click on save button and system associates the selected works with a tender notice.
- Save button is disabled if status of a tender notice is expired.









5. View Work / Tender Details

After clicking on Details icon, System redirects the user to view work/tender details screen







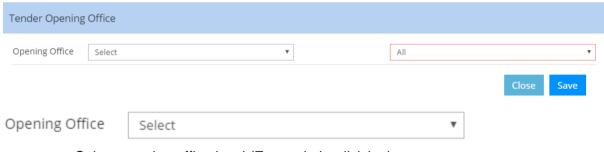




 The details of Work / Tenders are populated from Closure Operations for the Closure Work type of works and from Assets and Works Management for other works.

Tender Opening office

Click on tender opening office button to select at which office tender is opening.



- Select opening office level (Zone, circle, division)
- On selection of level, respective dropdown is populated.



 Select the sub option from selected opening office i.e, names of the offices at the selected level



Click on close button to close popup without saving











Click on Save button to save the tender opening office

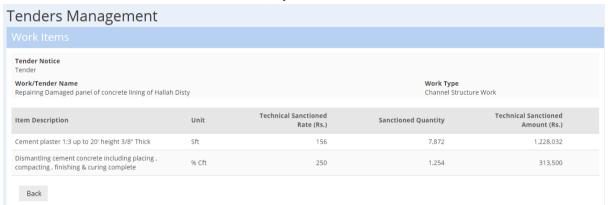
Back

Back

- Click on Back button.
- System redirects user to tender works screen.

6. View Work Items

• Click on Work items icon, system redirects user to Work Items screen.



 The information shown is populated from Closure Operations or Assets & Works Management as per the work type.

Back

Back

- Click on Back button.
- System redirects user to Tender / Works screen.

7. Sold Tender List

 After clicking on Sold Tenders List icon, System redirects the user to Sold Tender List screen









Tenders Management		
Tender Notice Tender		
Work/Tender Name Repairing Damaged panel of concrete lining of Hallah Disty		Work Type Channel Structure Work
		Close Tender
Company Name	Bank Receipt	+
No record found		
Back		

Add Company Name

Click on
 Add icon to add a company and attach its Bank Receipt.

Close Tender

Close Tender

- Click on Close Tender button.
- System displays popup to enter its details.

Close Tend	ler				
Reason					
Upload	Choose File No file	chosen			
				Close	Save
Popup D	<u>Details</u>				
Reason					
	• Enter r	eason to close t	ender at text area		
Į	Upload	Choose File	No file chosen		









Attach a file at upload button.



Click at close button to close popup.



Click at save button to save reason.

Back

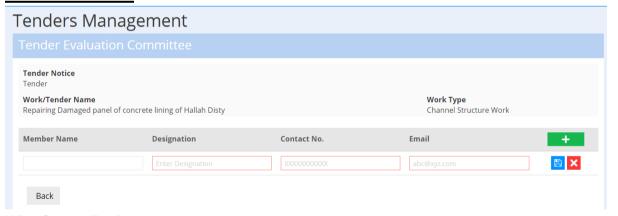
Back

- · Click on Back button.
- System redirects user to Tender Works screen.

8. Tender Evaluation Committee

• After clicking on tender evaluation committee icon, System redirects the user to tender evaluation committee screen

With Status Active

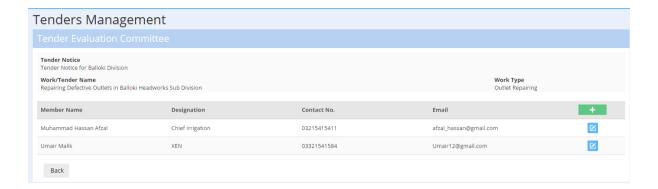


With Status Expired









Actions

Click on button to add entries in the grid against committee member



- Enter Name at 'Member Name' text field'
- Enter Description at 'Description' text field'.
- Enter Contact number at 'Contact No' text field'.
- Enter email at 'Email' text field'.
- Click on Save button, system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button to cancel the entry in grid

Back

Back

- Click on Back button.
- System redirects user to tender works screen.

9. Tender Opening Process

- After clicking on Tender Opening Process icon, System redirects the user to Tenders Opening Process screen showing the tabs of
 - Tenders Evaluation Committee Attendance





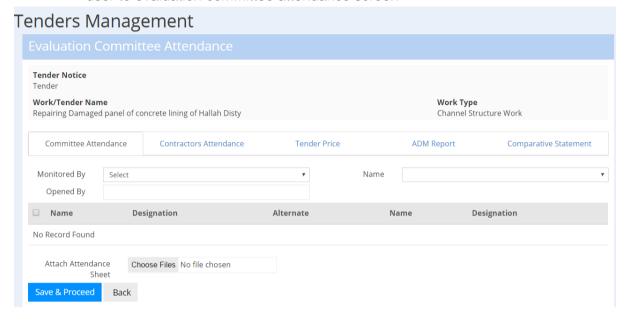




- Contractors Attendance
- Tender Price
- ADM Report
- Comparative Statement

Committee Attendance

 After clicking on tender evaluation committee attendance tab, System redirects the user to evaluation committee attendance screen



Monitored by



Select the designation from 'Monitored by' Dropdown

Name

Name ▼

Select the 'Name' from Dropdown

Opened by

Opened By

• Enter the name at 'Opened by' text field.

Mark Attendance of Committee Members









The list will show the names of Committee members in the grid.

☐ Name Designation Alternate Name Designation

- Check the checkbox against the name of committee member who is present
- Check the alternate checkbox if there is an alternate individual present instead of designated committee member
 - Enter the Name and Designation of the alternate member.

Attach Attendance Sheet

Attach Attendance Choose Files No file chosen
Sheet

Attach 'Attendance Sheet' by clicking at choose file button

Save and Proceed

Save & Proceed

- Click on Save and Proceed button, System checks all mandatory fields
- System saves data in data base

Back

Back

- Click on Back button.
- System redirects user to tender works screen.

Contractors Attendance

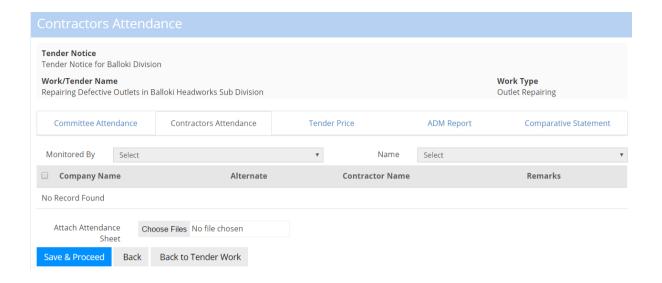
 After clicking on Contractors attendance tab, System redirects the user to contractors attendance screen





Development of Water Resources Management Information System (WRMIS) and Decision Support System (DSS) for Efficient Irrigation Water Management in Punjab





Monitored by



Select the designation from 'Monitored by' Dropdown

Name

Name v

Select the 'Name' from Dropdown

Mark Attendance of Companies



- Check the checkbox against a Company who is present.
- Check the Alternate checkbox; if an alternate company is present

Attach Attendance Sheet

Attach Attendance Choose Files No file chosen
Sheet

Attach 'Attendance Sheet' by clicking at choose file button

Save and Proceed









Save & Proceed

- Click on save and proceed button, System checks all mandatory fields
- System saves data in data base

Back

Back

- Click on Back button
- System redirects user to Evaluation Committee attendance screen.

Back to Tender Work

Back to Tender Work

- Click on Back to Tender Work button.
- System redirects user to tender work screen.

Tender Price

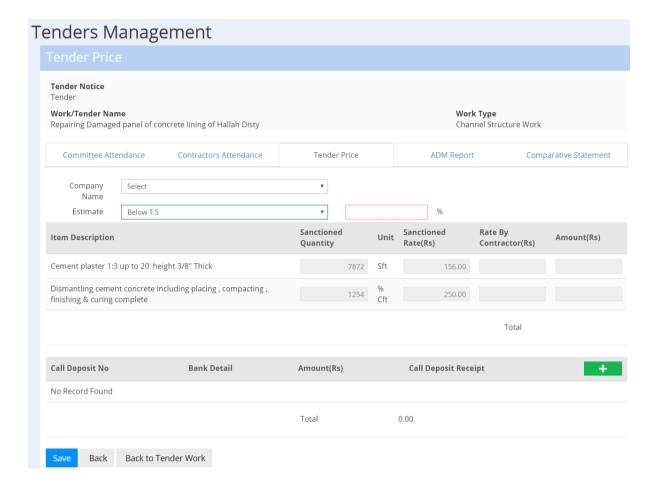
 After clicking on Tenders Price tab, System redirects the user to Tenders Price screen











Company Name



Select the Name from 'Company Name' Dropdown

Estimate



- Select the estimate of tender price at 'Estimate' Dropdown
- At selection of 'Above TS' or 'Below TS' the text field is enable where user can enter percentage value.

Rate of Items

Enter the Rate of every item, if the rate text field is enabled.

Call Deposit Details





Development of Water Resources Management Information System (WRMIS) and Decision Support System (DSS) for Efficient Irrigation Water Management in Punjab



Call Deposit No	Bank Detail	Amount(Rs)	Call Deposit Receipt	+
No Record Found				
		Total	0.00	

- Click on button, to add entries in Call Deposit Details grid
 - Enter the Call Deposit No
 - Enter the Bank Details
 - Enter the Amount
 - Attach the Call Deposit Receipt

Save



- Click on save button , System checks all mandatory fields
- System saves data in data base and computes the Amount and Total amount in Items Rate. In addition to it, it also computes the total amount of call deposit details.

Back

Back

- Click on Back button
- System redirects user to Contractor Attendance screen.

Back to Tender Work

Back to Tender Work

- Click on Back to Tender Work button.
- System redirects user to tender work screen.



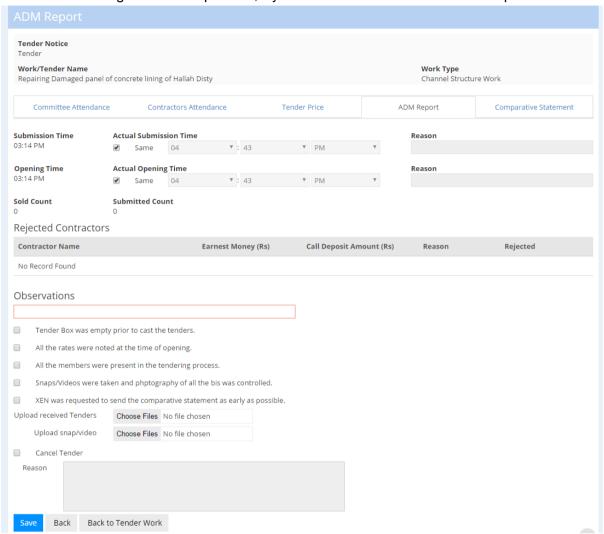






ADM Report

Clicking on ADM Report tab, System redirects the user to ADM Report screen



Actual Submission Time

- Select the time in dropdown and enter the reason in the field.
- Check the checkbox of Same; system disables the time dropdowns and Reason field.

Actual Opening Time

- Select the time in dropdown and enter the reason in the field.
- Check the checkbox of Same; system disables the time dropdowns and Reason field.

Rejected Contractors

Click on Add button to add the rejected contractors in the grid.

Observations









- Enter Observations in the field
- Check the checkboxes against the observations

Upload Received Tenders

· Attach the files by uploading them

Upload Snap/Video

Attach the files by uploading them

Cancel Tender

- Check the checkbox to cancel the tender
- System enables the Reason text area.
- Enter Reason in reason text area.

Save



- · Click on save button, System checks all mandatory fields
- System saves data in data base.

Back

Back

- · Click on Back button
- System redirects user to Tender Price screen.

Back to Tender Work

Back to Tender Work

- Click on Back to Tender Work button.
- · System redirects user to tender work screen.

Comparative Statement

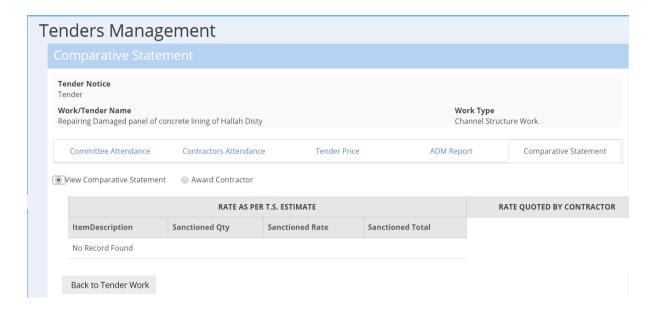
 After clicking on Comparative Statement tab, System redirects the user to Comparative Statement screen



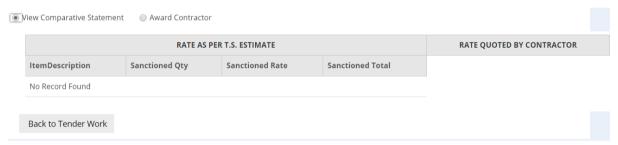






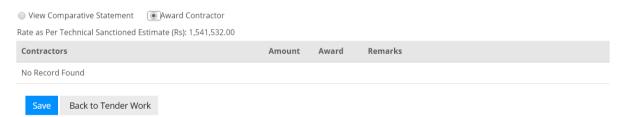


View Comparative Statement



 Select 'View Comparative Statement' radio option. System show details of Comparative Statement.

Award Contractor



- Select 'Award Contractor' radio option. System shows the details of all the companies who have given the Tender Price.
 - Select the radio against the company to which contractor is to be awarded

Save









Save

- · Click on save button, System checks all mandatory fields
- System saves data in data base

Back to Tender Work

Back to Tender Work

- Click on Back to Tender Work button.
- System redirects user to tender work screen.







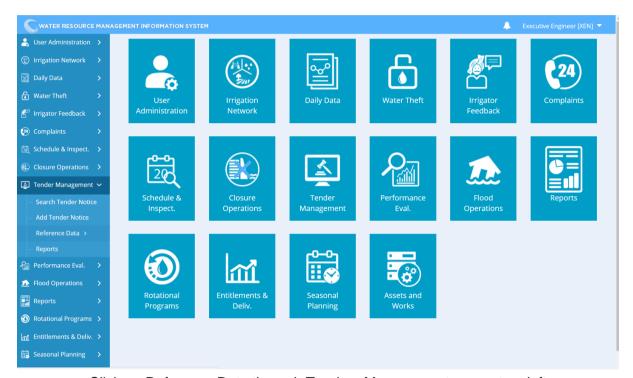


10. Reference Data

The reference data of this module has three sections:

- Tender Opening Office
- Contractors
- Evaluation Committee

Activate Users: XEN and relevant users (PMO Barrages, LBDC, PMIU, PIDA, PMU, IRS, Other)



- Click on Reference Data through Tenders Management present on left menu
- · System shows three sub options of reference data.
- User clicks at any option he wants.
- System redirects user to relevant reference Data main screen.









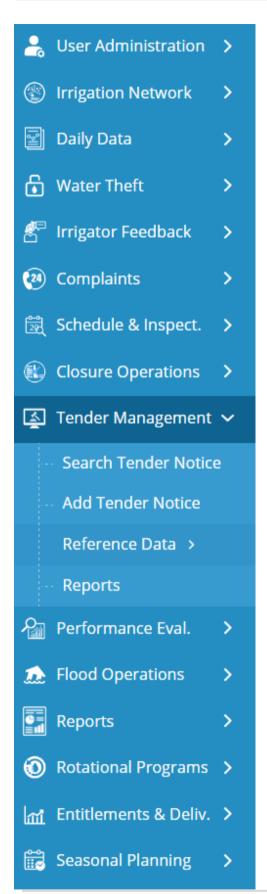
How to Access: Main Menu -> Tender Management- > Reference Data



























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Tender Opening Office

 After clicking on Tender Opening Office option, System redirects the user to Tender Opening Office screen



Add

- Enter Office at 'Office' text field
- Enter address at 'Address' text field
- Click on Save button , system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button to cancel the open grid

Edit

Click on button to edit details against office



- Enter Office at 'Office' text field
- Enter address at 'Address' text field
- Click on Save button, system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button to cancel the open grid









Delete

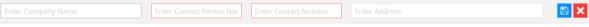
Click on 'Delete' icon to delete office.

Contractors

 After clicking on contractors option, System redirects the user to contractors screen



Add



- Enter company name at 'Contractor Name' text field
- Enter contact person name at 'Contact Person Name' text field
- Enter contact number 'Contact Number' text field
- Enter address at 'Address' text field
- Click on Save button, system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button to cancel the open grid



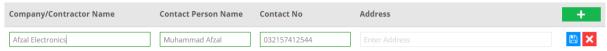






Edit

Click on button to edit details against contractors.



- Enter company name at 'Contractor Name' text field
- Enter contact person name at 'Contact Person Name' text field
- Enter contact number 'Contact Number' text field
- Enter address at 'Address' text field
- Click on Save button , system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button to cancel the open grid

Delete

Click on 'Delete' icon to delete office.

Evaluation Committee

 After clicking on evaluation Committee option, System redirects the user to evaluation Committee screen

Tenders Management Name Designation Contact No. Hamza Malik ADM 03321541521 Hamza@gmail.com Muhammad Ali SF 03125487548 Ali@yahoo.com Muhammad Hassan Afzal Chief Irrigation 03215415411 afzal_hassan@gmail.com Shahid Ali Khan Rajpoot 03002172181 Executive Engineer (Operation) shahidali@gmail.com Tanveer Ahmed Representative of District PMIU 03215415458 Tanveer_ahmed@hotmail.com XEN 03321541584 Umair Malik Umair12@gmail.com

Add









- Enter name at 'Name' Text field
- Enter designation at 'Designation' Text Field
- Enter contact number 'Contact Number' text field
- Enter email address 'Email' text field
- Click on Save button, system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button to cancel the open grid

Edit

Click on button to edit details against evaluation Committee



- Enter name at 'Name' Text field
- Enter designation at 'Designation' Text Field
- Enter contact number 'Contact Number' text field
- Enter email address 'Email' text field
- Click on Save button, system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button to cancel the open grid

Delete

Click on 'Delete' icon
 to delete Sanctioned Unit









11. Android Application - Tender Management

Activate Users:

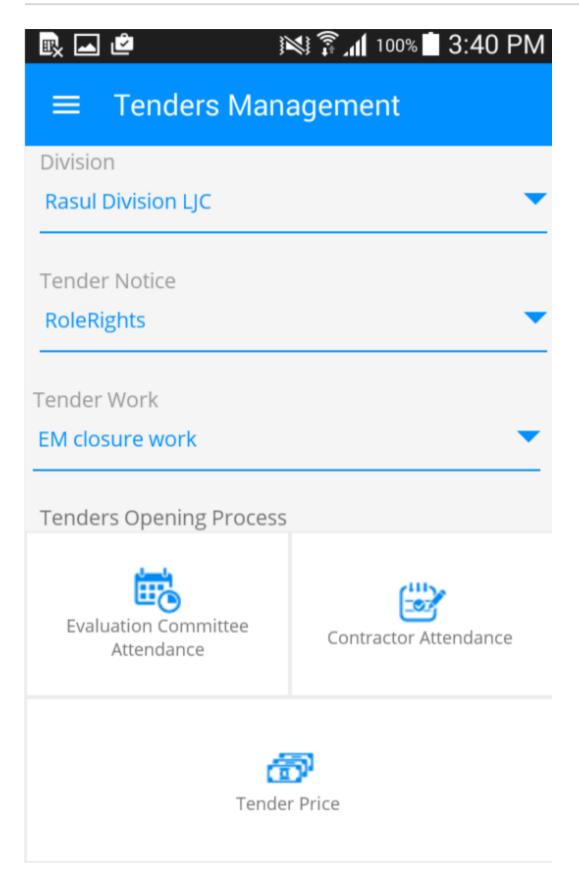
- XEN: Evaluation Committee Attendance, Contractor Attendance, Tender Price
- ADM: ADM Report











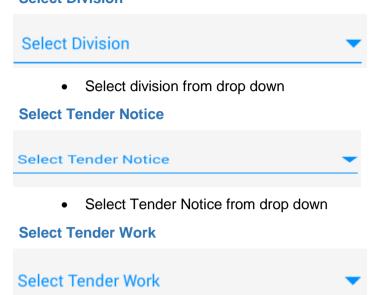








Select Division



• Select Tender Work from drop down

Evaluation Committee Attendance



• Click at evaluation committee attendance icon, system redirects user to evaluation committee attendance screen

Contractor Attendance



Contractor Attendance

 Click at Contractor attendance icon, system redirects user to contractor attendance screen

Tender Price













 Click at evaluation Tender work icon, system redirects user to tender work screen

Evaluation Committee Attendance

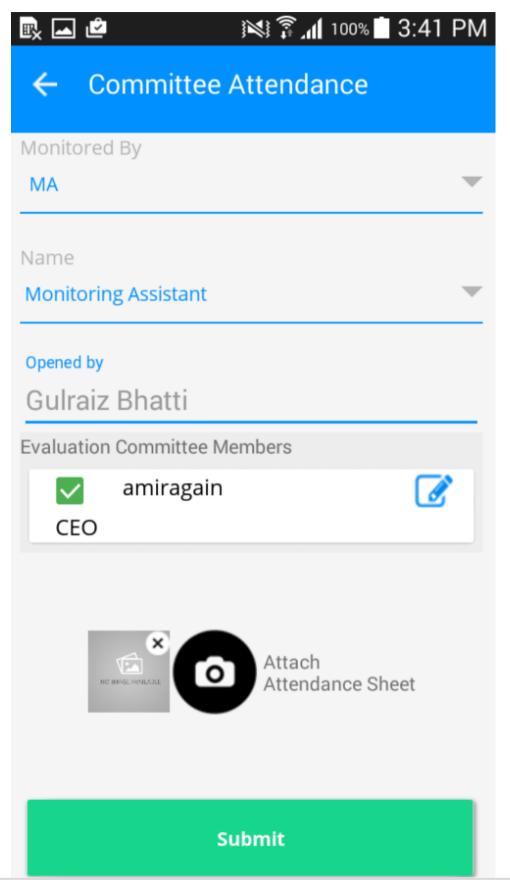
 Clicking on Evaluation Committee Attendance icon from Android application, system redirects user to evaluation committee attendance screen















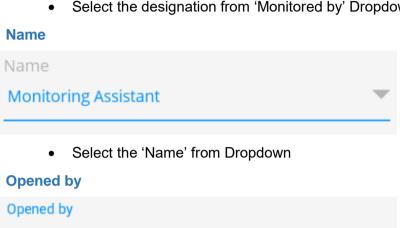




Monitored by



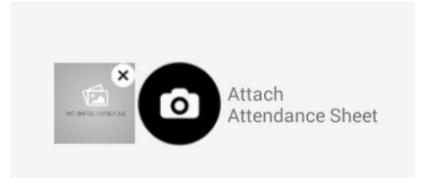
Select the designation from 'Monitored by' Dropdown



Select the name at 'Opened by' text field.

Attach Attendance Sheet

Gulraiz Bhatti



Attach 'Attendance Sheet' by clicking at choose file button

Submit

Submit

- Click at submit button.
- System will save the record











Contractor Attendance

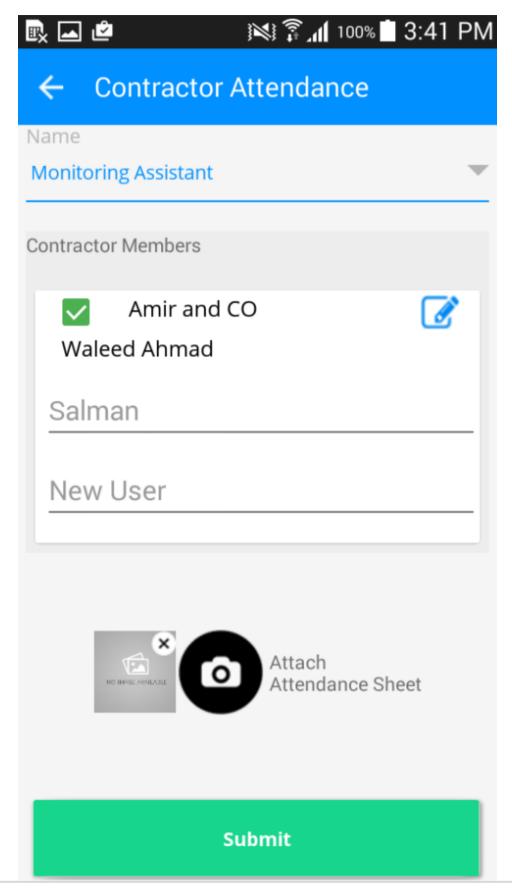
 Clicking on Contractor Attendance icon from Android application, system redirects user to contractor attendance screen











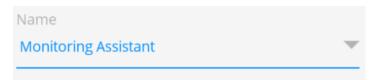








Name



• Select the 'Name' from Dropdown

Contract Members



Amir and CO



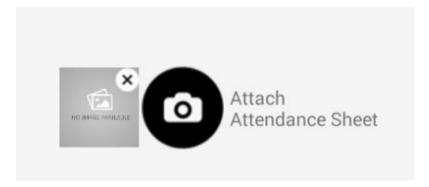
Waleed Ahmad

Salman

New User

Enter the Contractor Name.

Attach Attendance Sheet



Attach 'Attendance Sheet' by clicking at choose file button

Submit

Submit

- Click at submit button.
- · System will save the record



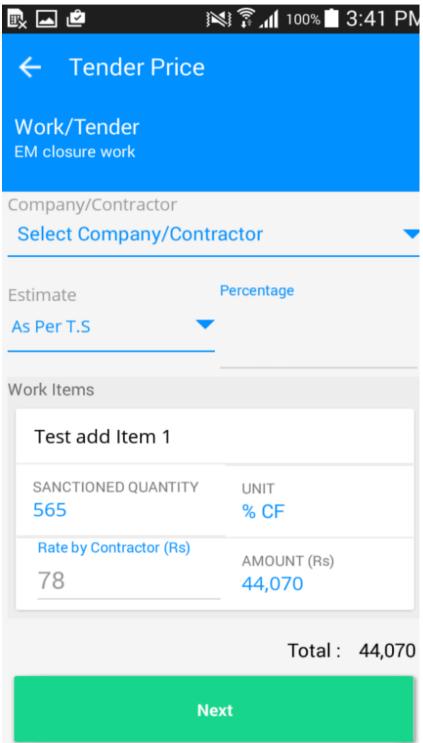






Tender Price

 Clicking on Tender Price icon from Android application, system redirects user to tender price screen



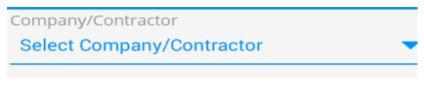
Company/Contractor











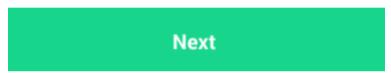
• Select the Name from 'Company' Dropdown

Estimate



- Select the estimate type from Dropdown
- At selection of estimate as 'Above TS' or 'Below TS' the text field is enabled where user can enter percentage value.

Next



- Click at Next button.
- System will save the record and redirects to Call Deposit screen.

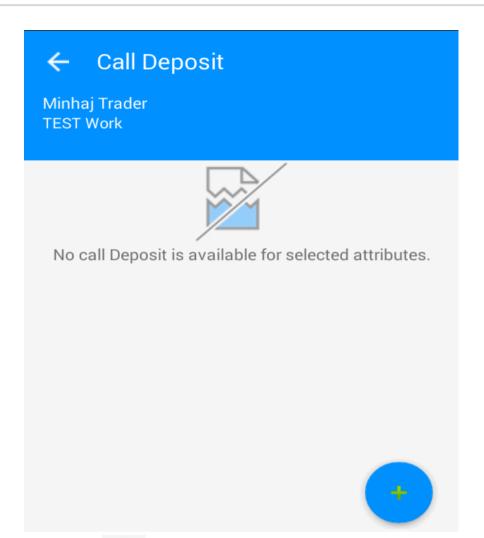
Call Deposit











Clicking on

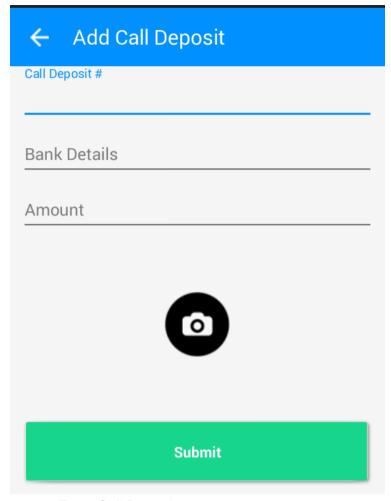
will redirect to Add Call Deposit details screen.











- Enter Call Deposit #
- Enter Bank details
- Enter Amount
- · Take a photo
- Click on Submit button to save the record.
- The rest of the functionality of awarding a contract is provided from web application interface.











ADM Report

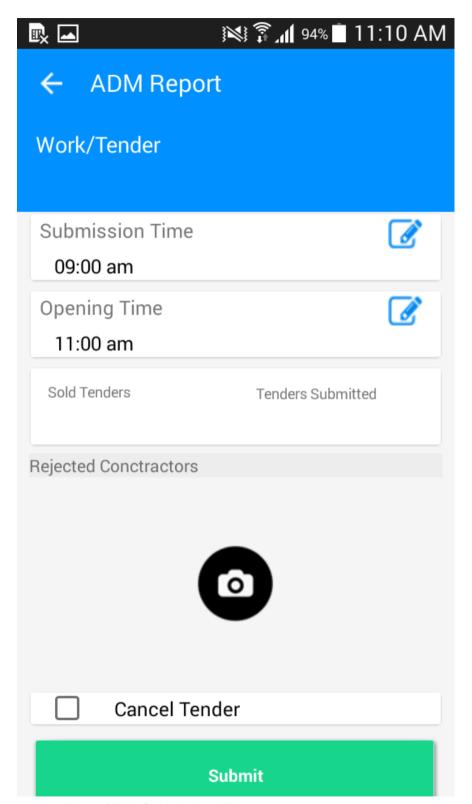
 Clicking on ADM Report icon from Android application, system redirects user to ADM Report screen











- Enter / Edit Submission Time
- Enter / Edit Opening Time





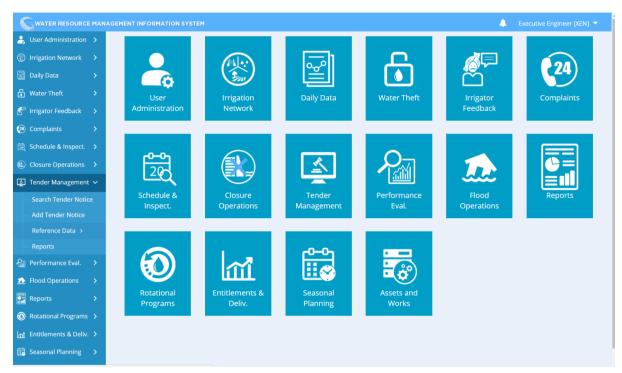




- Take a photo
- · Check the checkbox, if wishes to Cancel the tender
- Click on Submit button to save record in database.

Reports

Activate Users: SDO, XEN, SE, CE, PMIU Data Analyst, Chief PMIU, Secretary Irrigation and all other authorized users



- Click on Reports through Tender Management present on left menu of search screen
- System redirects user to Reports main screen.









How to Access: Main Menu -> Tender Management - > Reports









🚣 User Administration	>
(S) Irrigation Network	>
Daily Data	>
Water Theft	>
🎤 Irrigator Feedback	>
(29) Complaints	>
Schedule & Inspect.	>
(L) Closure Operations	>
Tender Management	~
Search Tender Notice	e
Search Tender Notice	e
	e
Add Tender Notice	e
Add Tender Notice Reference Data >	e >
Add Tender Notice Reference Data > Reports	> >
Add Tender Notice Reference Data > Reports Performance Eval.	> > >
Add Tender Notice Reference Data > Reports Performance Eval. Flood Operations	<pre>> > > ></pre>
Add Tender Notice Reference Data > Reports Performance Eval. Flood Operations Reports	<pre>> > > > > ></pre>







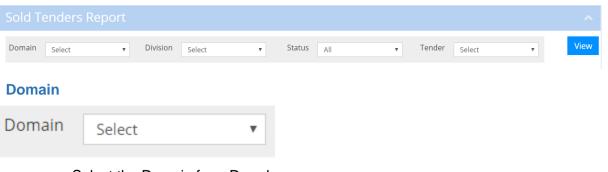












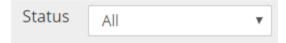
- Select the Domain from Dropdown
- · Respective Divisions are populated on selection of Domain

Division



Select the Division from Dropdown

Status



Select the Status of Tender Notice from Dropdown

Tender



Select the Tender from Dropdown

View



- · Click on View button, System checks all mandatory fields
- System shows relevant Report based on selection criteria.



