



# WAMIS

e-Measurement Book Manual

## Procedure of e-MB in WAMIS

In WAMIS when an agreement detail gets fetched from e-Procurement (GepNIC) through Post-tender details of WAMIS or if any user enters agreement details manually then Divisional Accountant Officer checks/finalizes the agreement, similarly the concerned Divisional Officer checks/finalizes the agreement in WAMIS. Divisional Officer then issues measurement book to the respective Section Officer. Section Officer is now assigned to draft the measurement against the BoQ items in **Draft measurement for JE** screen in WAMIS.

### Various Scenarios of MB Book:

- 1) **1<sup>st</sup> Scenario** Mapping of Multiple Sub-Division & Section against a work proposal for processing Measurement Book in WAMIS within the Division.
  - 2) **2<sup>nd</sup> Scenario** Mapping of Multiple Division, Sub-Division & Section against a work proposal for processing Measurement Book in WAMIS.
  - 3) The Sub-Division and Section which is selected while creating proposal work are considered to be the Nodal Sub-Division and Section if multiple selection of Sub-Division/Section are being added against the same work proposal.
- 1. Selection & Addition of Multiple Division, Sub-Division & Section against a work proposal in WAMIS: -**
- Login into Technical Login in WAMIS.
  - Enter Proposal Work in Works Module.
  - Click on **Work Splitting** and search work. (Refer Figure 1).
  - Click on **Add (+)** Multiple Sub-Division/Section.
  - Select Sub-Division & Section from the drop-down list available on screen. (Refer Figure 2).
  - Select Multiple Division and Sub-Division/Section under it. (Refer Figure 4).
  - Click **save** button to save the details. (Refer Figure 5).
  - To view mapped offices, click on **“View Mapped Sub-Division/Section”**. (Refer Figure 3 View Mapped Offices).
  - To edit the mapped selection user needs to click on **“Edit”** button to modify the selection if required.

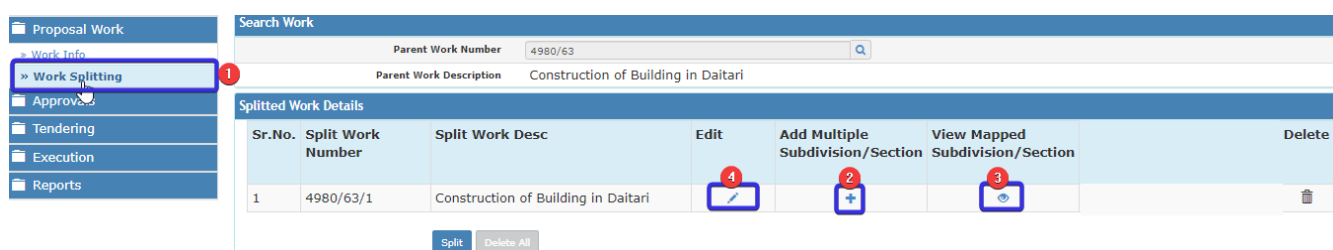
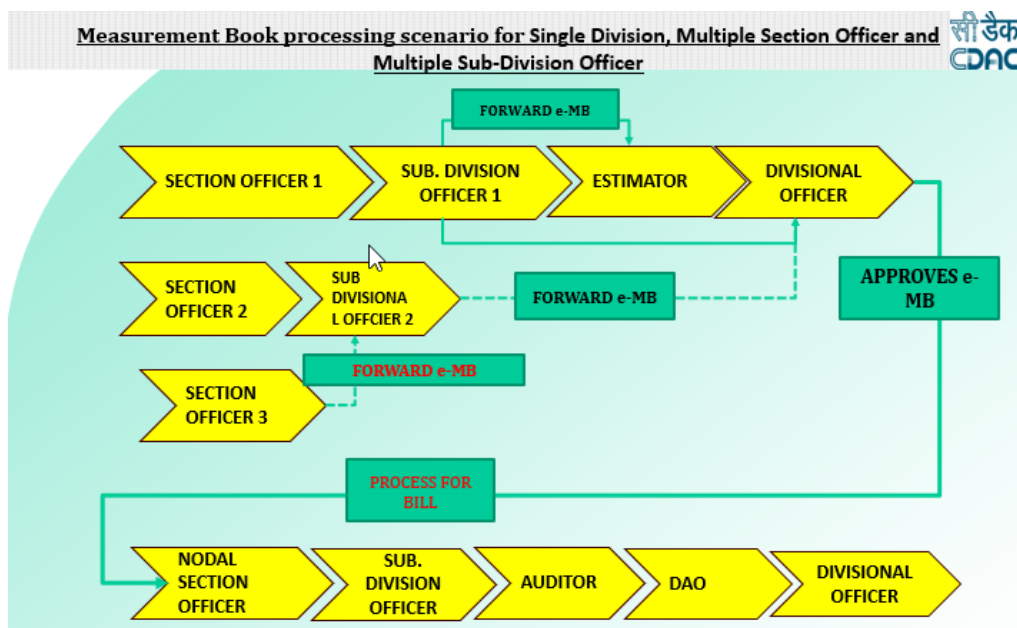
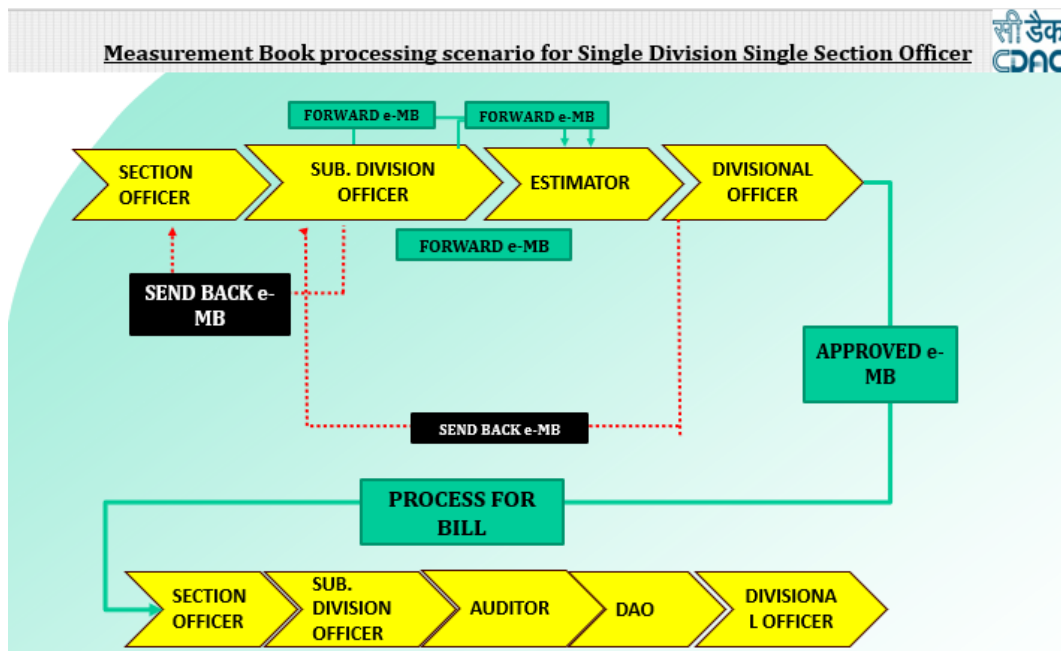
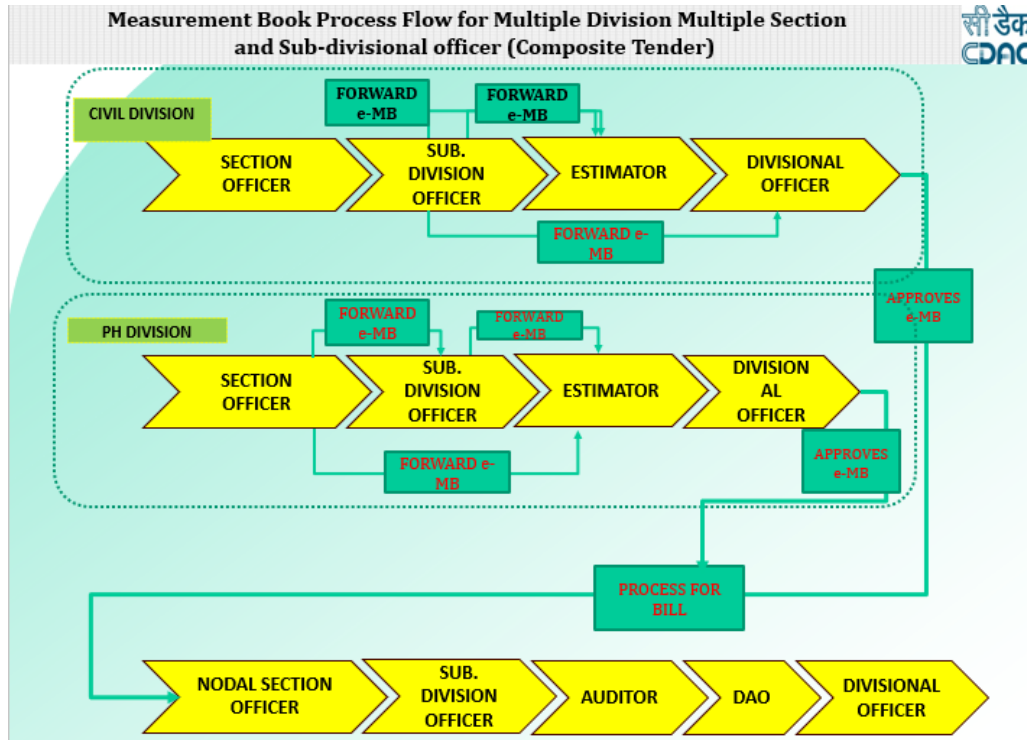


Figure 1 Work Splitting screen to Add Multiple Offices.

## SCENARIOS of e-MB





**Splitted Work Details**

Sr.No.	Split Work Number	Split Work Desc	Edit	Add Multiple Subdivision/Section	View Mapped Subdivision/Section	Delete
1	4980/63/1	Construction of Building in Daitari				

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**Add Subdivision/Section**

Division <sup>1</sup>  Sub-Division <sup>2</sup>  Section <sup>3</sup>

Figure 2 Selection of Multiple Sub-Division & Section.

**Splitted Work Details**

Sr.No.	Split Work Number	Split Work Desc	Edit	Add Multiple Subdivision/Section	View Mapped Subdivision/Section	Add Multiple Subdivision/Section(Demo Login)	Delete
1	4980/63/1	Construction of Building in Daitari					

o.	Division Office Name	Sub-Division Office Name	Section Office Name	Delete
	Divisional Head (Civil)- Daitari	Daitari SD-1	DTRS-1	
	Divisional Head (Civil)- Daitari	Daitari SD-2	DTRS-3	

Figure 3 View Mapped Offices

**Splitted Work Details**

Sr.No.	Split Work Number	Split Work Desc	Edit	Add Multiple Subdivision/Section	View Mapped Subdivision/Section	Delete
1	4980/63/1	Construction of Building in Daitari				

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**Add Subdivision/Section**

Division  Sub-Division  Section

Figure 4 Multiple Division selection.

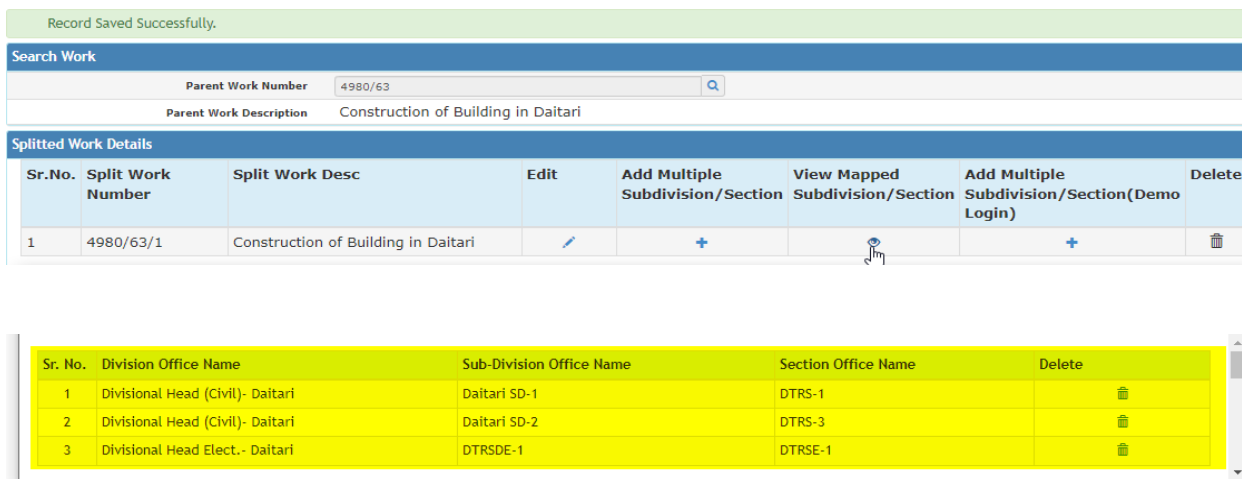


Figure 5 View Mapped Offices and Save details

## 2. Issuing Of e-MB; -

- Login into Divisional Office in WAMIS.
- Click **MB Book Issue Entry** in Billing Module. (Refer Figure 6).

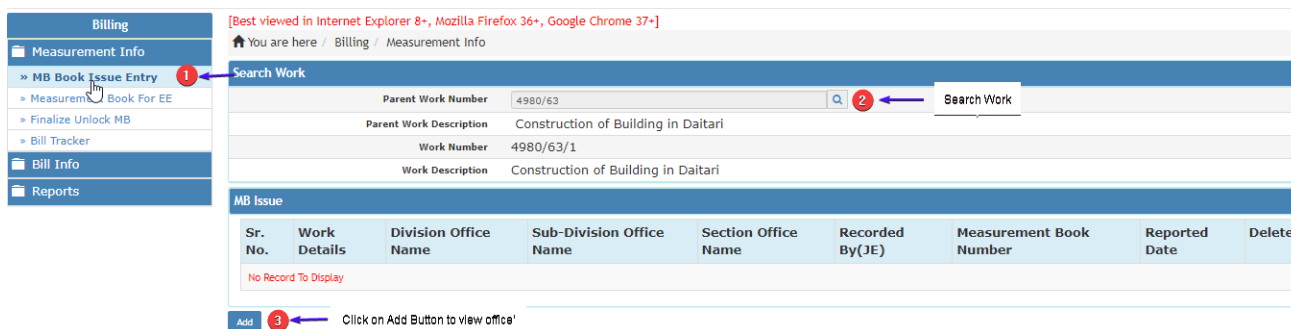


Figure 6 MB Book Issue Entry

- Click on **Add** button which will redirect the page and views the list of Sub-Division and Section offices mapped under the Division against the work proposal.
- User can issue MB Book clicking on **Add icon (+)** provided against each list of offices. (Refer Figure 7).

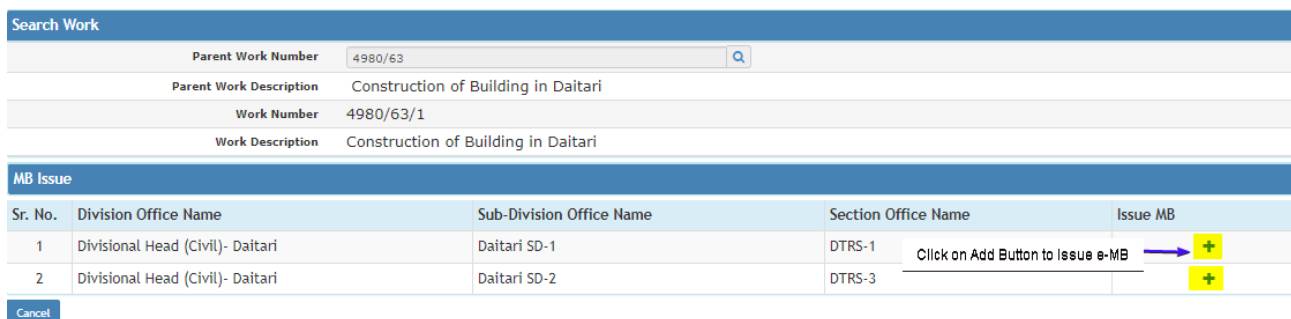


Figure 7 Issue e-MB

- Select the **Person Recording Measurement (Section Officer)** from the drop-down list. (Refer Figure 8).
- Click on Save Button to issue the MB record successfully. (Refer Figure 9).
- If user needs to delete any particular MB record, then can click on delete Icon. (Refer Figure 9).

**MB Issue**

Fields marked with an asterisk \* are required.

Division Office Name: **Divisional Head (Civil)- Daitari**

Sub-Division Office Name: **Daitari SD-1**

Section Office Name: **DTRS-1**

Person Recording The Measurement (Junior Engineer) \* : **MANORANJAN PATTANAİK** ← Select Employee from Drop Down List

Measurement Book Number \* : **OMC001/4980/63/1/1**

MB Issue Date \* : **02/02/2022**

**Save** **Cancel**

Figure 8 Select Employee to issue e-MB

**Note: -**

MB book can be issued to the Multiple Section Officers form its Respective Division Office only. If Multiple Division (Secondary Division) other than Nodal Division are selected against the work proposal created in Nodal Division, then secondary Division has is delegated to issue MB book to its underlying Section Officer.

**MB is issued.** ←

**Search Work**

Parent Work Number: **4980/63**

Parent Work Description: **Construction of Building in Daitari**

Work Number: **4980/63/1**

Work Description: **Construction of Building in Daitari**

**MB Issue**

Sr. No.	Work Details	Division Office Name	Sub-Division Office Name	Section Office Name	Recorded By(JE)	Measurement Book Number	Reported Date	Delete
1	Construction of Building in Daitari	Divisional Head (Civil)- Daitari	Daitari SD-1	DTRS-1	MANORANJAN PATTANAİK	OMC001/4980/63/1/1	02/02/2022	
2	Construction of Building in Daitari	Divisional Head (Civil)- Daitari	Daitari SD-2	DTRS-3	Ardhendu Sagar	OMC001/4980/63/1/2	02/02/2022	

Figure 9 MB Issued Successfully

## Recording Measurement through e-MB

### 3. Section Officer: -

#### 3.1 MB Draft Measurement By JE: -

In Section officer Login user enters Billings Module and clicks on **Draft Measurement By JE**. Then page redirects to Draft measurement screen where user then search and selects the work. After selection of work page displays the list of BoQ items against which user can enter, view and edit detailed measurements recorded against each item. Then user finalizes the draft measurement selecting on check box provided against BoQ items which further gets displayed in the Measurement Book Screen in Section Officer Login. **(Refer Figure 10)**.

[Best viewed in Internet Explorer 8+, Mozilla Firefox 36+, Google Chrome 37+]  
 You are here / Billing / Measurement Info

Search Work

Parent Work Number: 4980/63  
 Parent Work Description: Construction of Building in Daitari  
 Work Number: 4980/63/1  
 Work Description: Construction of Building in Daitari

Search Items

Item Code: [ ] Item Description: [ ] Search Clear

BoQ Items Select All Deselect All Invert Selection

Sr. No.	Item Code	Item Description	Agreement Quantity	Unit	Total Quantity as per Measurements	Enter Measurements	View Measurements	Edit Measurements	Finalize Item
1	1	Earth work in excavation of foundation trenches in all kinds of soil including moorum, stony earth and earth mixed with boulders (except sheet rocks and boulders requiring for blasting) including dressing and leveling the bed up to the required depth and depositing the excavated materials at places away from the work site with all leads and lifts, T&P shoring and shuttering and dewatering if required etc. comp. as directed by EIC.	90.0000	cum	0.0000	+	☰		
2	2	Excavation, loading, unloading and carriage by mechanical means of all kinds of soil, including stony earth, gravel and moorum etc interspersed with boulders upto 1/2 cum size with all lift and	159.0000	cum	0.0000	+	☰		

Figure 10 Draft Measurement Screen

In Section Officer Login: -

- Login into Section Office in WAMIS
- Click **MB Draft Measurement By JE**.
- Search & Select Work in search tab provided in screen. **(Refer Figure 10)**
- View the BoQ items and Agreement Quantities against which click on **Enter Measurement**.
- Upon Clicking Enter Measurements user is redirected to the page to add detail measurements. **(Refer Figure 11).**

NI-4980-63-1 Earth work in excavation of foundation trenches in all kinds of soil including moorum, stony earth and earth mixed with boulders (except sheet rocks and boulders requiring for blasting) including dressing and leveling the bed up to the required depth and depositing the excavated materials at places away from the work site with all leads and lifts, T&P shoring and shuttering and dewatering if required etc. comp. as directed by EIC.

BoQ Rate: 266.8 BoQ Quantity: 90.0 Total Measurement Amount: 0.00

02/02/2022

Item Measurement For	Typical	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Upload Document	Hidden	Delete	Copy
Item 1	<input checked="" type="checkbox"/>	3'4"0.075'22.80	1.0000	1.0000	1.0000	1.0000	20.5200	Choose file No file chosen	<input type="checkbox"/>	🗑️	📄 Copy

Add Measurements Save Cancel Return to Item Selection

Total Quantity: 20.5200

Figure 11 Add Detailed Measurement Screen

- Measurement can be added in two ways through Typical Measurements & the other way is Quantitative Measurements.
- If User clicks on Typical Check Box, then system will enable the typical measurement entry box where user enters formula. **(Refer Figure 11).**
- To Add multiple line of measurements user can click on Add Measurement button to create another line of measurement. **(Refer Figure 12).**
- User can enter No. and dimensional measurements to add quantitative measurements. **(Refer Figure 12).**



NI-4980-63-1 Earth work in excavation of foundation trenches in all kinds of soil including moorum, stony earth and earth mixed with boulders (except sheet rocks and boulders requiring for blasting) including dressing and leveling the bed up to the required depth and depositing the excavated materials at places away from the work site with all leads and lifts, T&P shoring and shuttering and dewatering if required etc. comp. as directed by EIC.

BoQ Rate	266.8	BoQ Quantity	90.0	Total Measurement Amount	5474.74
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**Add Measurements** 02/02/2022

Item Measurement For	Typical	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Upload Document	Hidden	Delete	Copy
Item 2	<input type="checkbox"/>		20				20.0000	<a href="#">Choose file</a> No file chosen	<input type="checkbox"/>		
Item 3	<input type="checkbox"/>		15				15.0000	<a href="#">Choose file</a> No file chosen	<input type="checkbox"/>		
	<input type="checkbox"/>							<a href="#">Choose file</a> No file chosen	<input type="checkbox"/>		

[Add Measurements](#) [Save](#) [Cancel](#) [Return to Item Selection](#)
Total Quantity: 35.0000

Figure 12 Add Quantitative Measurements

- To upload relevant document against measurement user can choose document and uploads it.
- To delete the Line of Measurement, click on Delete button.
- Select **Date of Measurement**.
- Select **Hidden Box** provided in screen if any measurement is considered to be kept hidden.
- Click on Save button to save the measurement record.
- Upon Clicking Cancel button page gets refreshed.
- Click on **Return to Item Selection** to get redirected to Draft Measurement Screen.
- On click of Save button page displays successful message of saved measurements. **(Refer Figure 13).**

Measurements have been saved successfully.

Earth work in excavation of foundation trenches in all kinds of soil including moorum, stony earth and earth mixed with boulders (except sheet rocks and boulders requiring for blasting) including dressing and leveling the bed up to the required depth and depositing the excavated materials at places away from the work site with all leads and lifts, T&P shoring and shuttering and dewatering if required etc. comp. as directed by EIC.

Item Measurement For	Measurements Details	Measurement Date	No.	Length	Breadth	Depth	Quantity	Is Measurement Finalized?	Download Uploaded Documents
Item 1	3*4*0.075*22.80	02/02/2022	1.0000	1.0000	1.0000	1.0000	20.52	Not Yet Finalized	

[Return to Item Selection](#)
Total Quantity: 20.52

Figure 13 Saved Measurements

- > MB Draft Measurements By JE
- > Measurement Book
- > Bill Tracker
- Bill Info**
- Reports

Search Work

Parent Work Number	4980/63
Parent Work Description	Construction of Building in Daitari
Work Number	4980/63/1
Work Description	Construction of Building in Daitari

Search Items

Item Code:  Item Description:  Search Clear

BoQ Items

Sr. No.	Item Code	Item Description	Agreement Quantity	Unit	Total Quantity as per Measurements	Enter Measurements	View Measurements	Edit Measurements	Finalize Item
1	1	Earth work in excavation of foundation trenches in all kinds of soil including moorum, stony earth and earth mixed with boulders (except sheet rocks and boulders requiring for blasting) including dressing and leveling the bed up to the required depth and depositing the excavated materials at places away from the work site with all leads and lifts, T&P shoring and shuttering and dewatering if required etc. comp. as directed by EIC.	90.0000	cum	55.5200	+	≡		<input type="checkbox"/>
2	2	Excavation, loading, unloading and carriage by mechanical means of all kinds of soil, including stoney earth, gravel and moorum etc interspersed with boulders upto 1/2 cum size with all lift and	159.0000	cum	20.0000	+	≡		<input type="checkbox"/>

Figure 14 Edit Measurements in Draft Measurement Screen.

- After measurement gets saved, then in draft measurement screen user can view Edit Measurements. If needed user can edit measurements recorded against BoQ items. **(Refer Figure 14)**
- User checks the Finalize Box and clicks on Finalize Draft Measurement to Finalize the recorded detailed measurements. **(Refer Figure 15).**

- Measurement Info**
- > MB Draft Measurements By JE
- > Measurement Book
- > Bill Tracker
- Bill Info**
- Reports

Search Work

Parent Work Number	4980/63
Parent Work Description	Construction of Building in Daitari
Work Number	4980/63/1
Work Description	Construction of Building in Daitari

Search Items

Item Code:  Item Description:  Search Clear

BoQ Items

Sr. No.	Item Code	Item Description	Agreement Quantity	Unit	Total Quantity as per Measurements	Enter Measurements	View Measurements	Edit Measurements	Finalize Item
1	1	Earth work in excavation of foundation trenches in all kinds of soil including moorum, stony earth and earth mixed with boulders (except sheet rocks and boulders requiring for blasting) including dressing and leveling the bed up to the required depth and depositing the excavated materials at places away from the work site with all leads and lifts, T&P shoring and shuttering and dewatering if required etc. comp. as directed by EIC.	90.0000	cum	55.5200	+	≡		<input checked="" type="checkbox"/>
2	2	Excavation, loading, unloading and carriage by mechanical means of all kinds of soil, including stoney earth, gravel and moorum etc interspersed with boulders upto 1/2 cum size with all lift and delifts including trimming of slopes and bed to design section and depositing the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the	159.0000	cum	20.0000	+	≡		<input checked="" type="checkbox"/>

Finalize Selected Draft Measurements

← Finalize Draft Measurement after selecting check box

Figure 15 Finalize Draft Measurements

### 3.2 Measurement Book (Section Officer): -

In Section Officer Login user views, the finalized measurement made from Draft Measurement Screen and verifies the detailed measurement against each item, then proceed to upload Contractor acceptance form that which has been duly signed and provided by the contractor while Physical Joint measurement on Construction Field. User then finalizes the Measurement Book in WAMIS which gets transferred to Sub-Divisional Officer. Measurement Book is processed and finalized in 4 Levels.

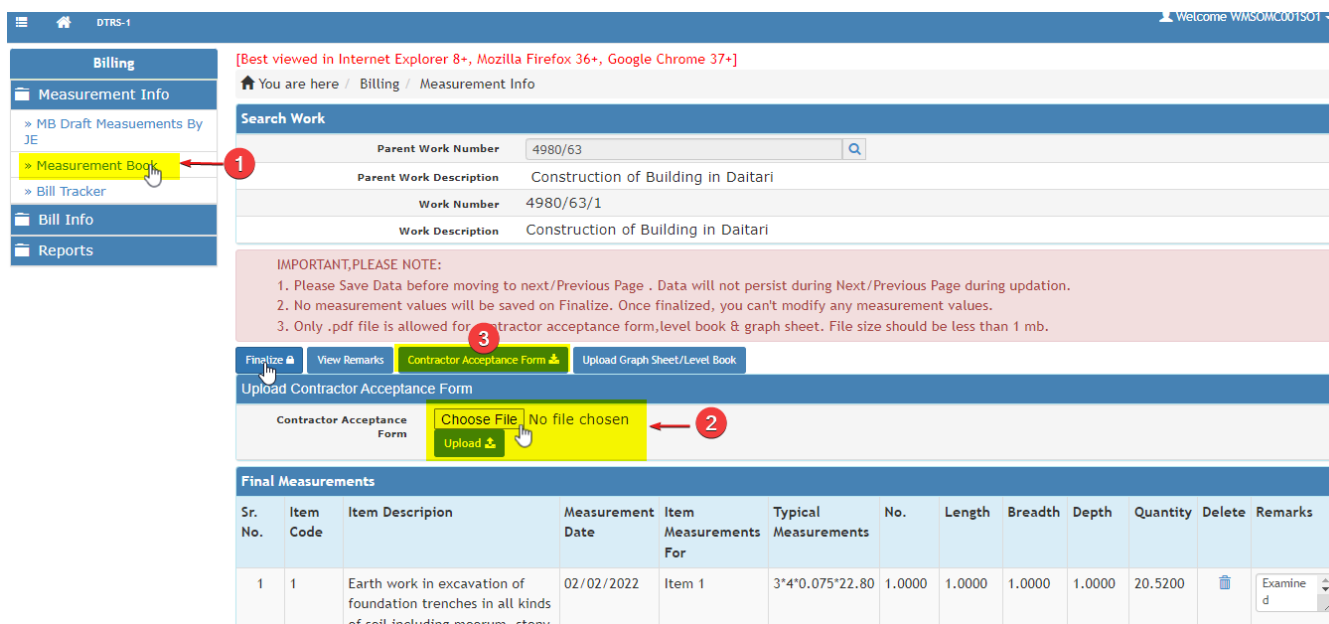


Figure 16 Measurement Book Screen

In Section Officer Login: -

- Login into Section Office and go to Billings Module.
- Click on **Measurement Book**.
- Search & select work in search tab provided in screen.
- View the detail measurements Finalized from Draft Measurement screen.
- Choose & Upload Contractor Acceptance form before Finalizing Measurement Book. **(Refer Figure 16)**.

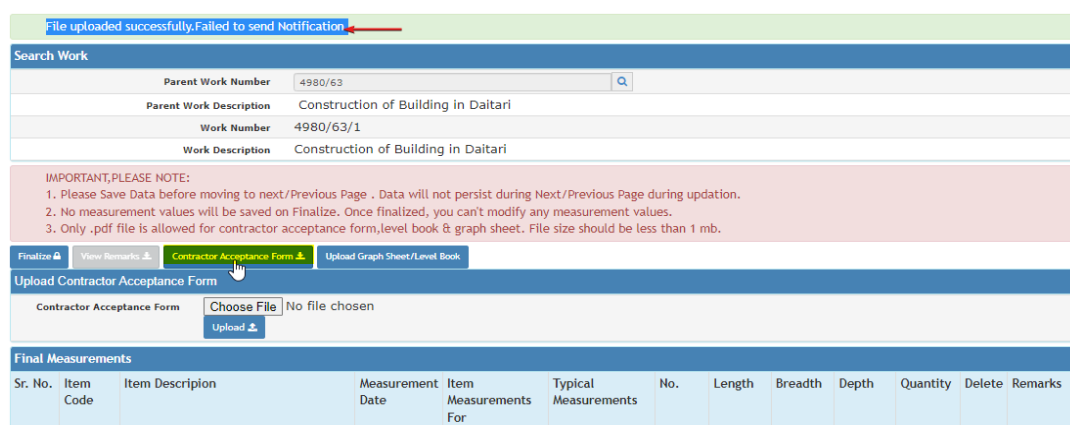


Figure 17 Contractor Acceptance Form Uploaded.

- Upon Saving the Form Success message gets generated and allows user to download and check the file uploaded. **(Refer Figure 17)**.
- A provision for **uploading Graph sheet/Level Book** has been provided to upload relevance document in it.
- User can enter remarks against each line of measurements if needed through the remarks box provided in the screen. **(Refer Figure 18)**
- Provision for deletion of measurement has been provided to the user, if user needs to delete any line of measurement. **(Refer Figure 18)**

Final Measurements												
Sr. No.	Item Code	Item Description	Measurement Date	Item Measurements For	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Delete	Remarks
1	1	Earth work in excavation of foundation trenches in all kinds of soil including moorum, stony earth and earth mixed with boulders (except sheet rocks and boulders requiring for blasting) including dressing and leveling the bed up to the required depth and depositing the excavated materials at places away from the work site with all leads and lifts, T&P shoring and shuttering and dewatering if required etc. comp. as directed by EIC.	02/02/2022	Item 1	3*4*0.075*22.80	1.0000	1.0000	1.0000	1.0000	20.5200		Examined Properly By JE
2			02/02/2022	Item 2	--	20.0000	0.0000	0.0000	0.0000	20.0000		Checked
3			02/02/2022	Item 3	--	15.0000	0.0000	0.0000	0.0000	15.0000		
4			02/02/2022	--	--	0.0000	0.0000	0.0000	0.0000	0.0000		

Figure 18 Check and add remarks against measurements

- If User deletes any Line of measurements as seen in **Figure 18**, the same flashes in MB draft measurement screen of section officer to edit or rectify the measurement details.
- Click on Finalize Button provided besides View Remarks button. (**Refer Figure 19**)

The screenshot shows the 'Billing' section of the software. On the left is a navigation menu with options like 'Measurement Info', 'MB Draft Measurements By JE', 'Measurement Book', 'Bill Tracker', 'Bill Info', and 'Reports'. The main content area shows work details for 'Construction of Building in Daitari' with parent work number 4980/63 and work number 4980/63/1. Below this is an 'IMPORTANT, PLEASE NOTE' section with three instructions. At the bottom, there are buttons for 'Finalize', 'View Remarks', 'Contractor Acceptance Form', and 'Upload Graph Sheet/Level Book'. The 'Finalize' button is highlighted with a red circle and an arrow pointing to it from the left. Below the buttons is an 'Upload Contractor Acceptance Form' section with a 'Choose File' button and 'Upload' button. At the bottom of the page is a 'Final Measurements' table, which is a smaller version of the table shown in Figure 18.

Figure 19 Finalize Measurement Book by SO.

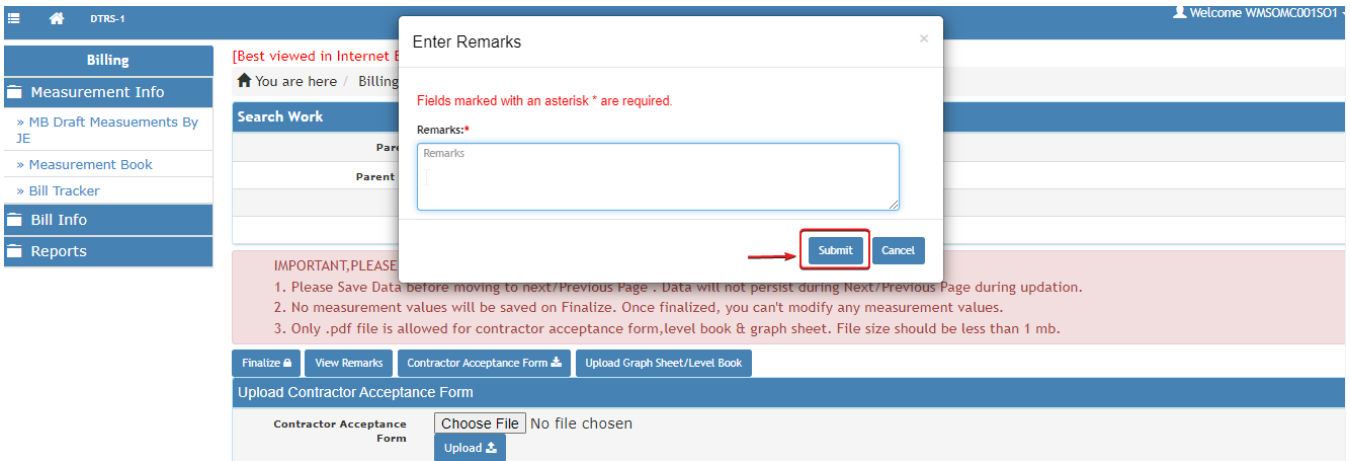


Figure 20 Overall Remarks Box.

- Upon Clicking Finalize button, screen pops up an overall remarks box to add suitable comments on viewed measurements. **(Refer Figure 20).**

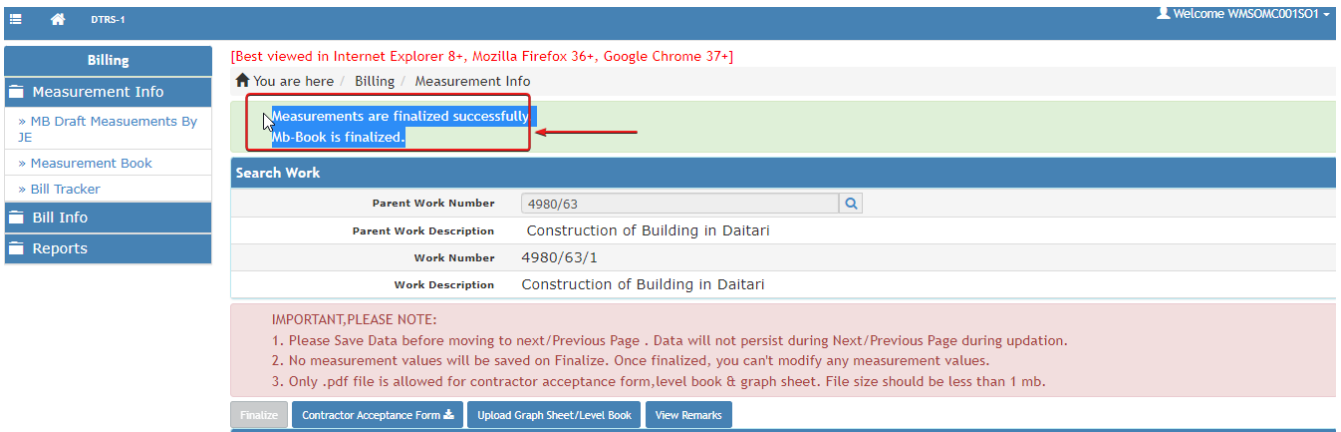


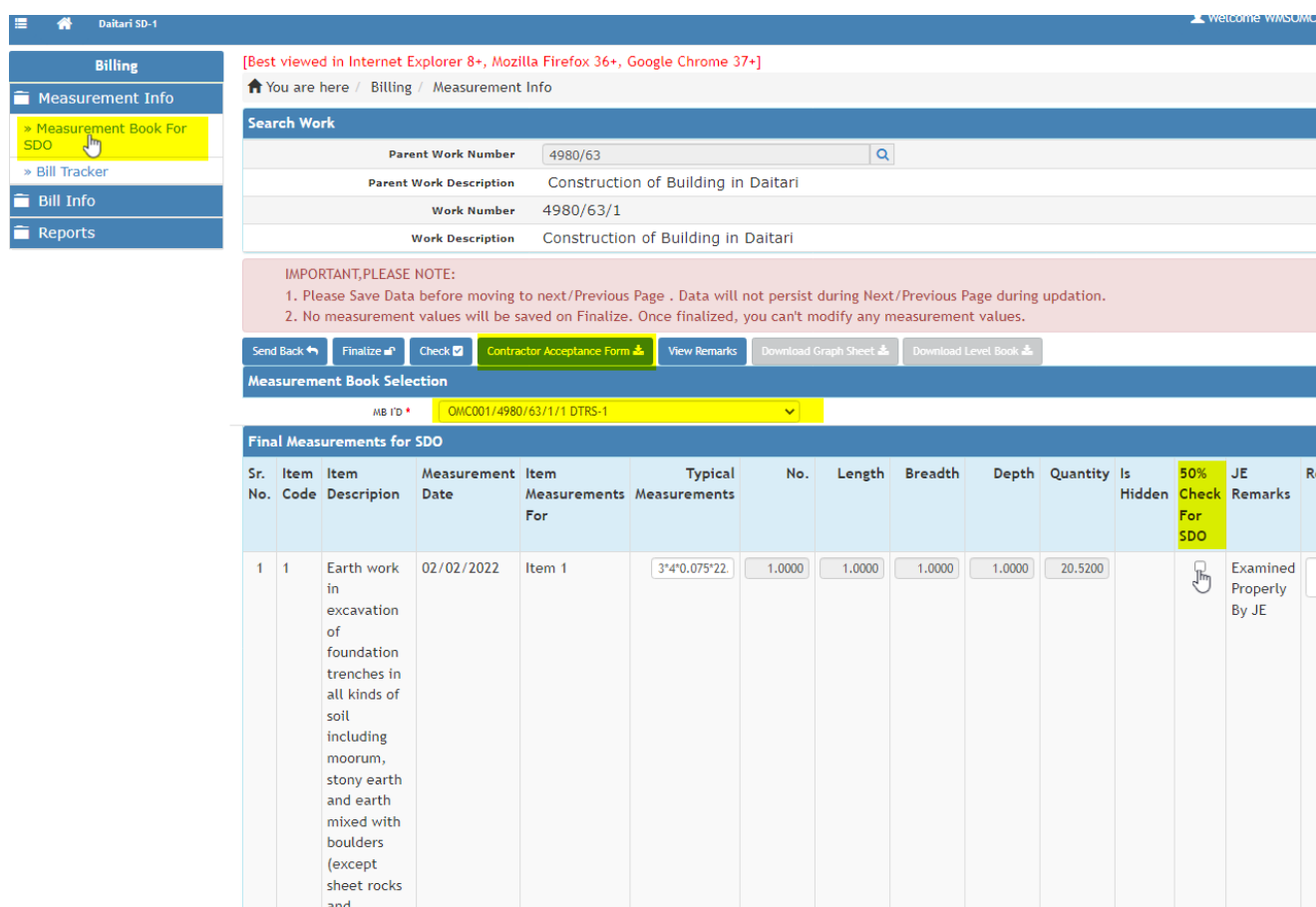
Figure 21 Successfully Finalized.

- Measurements gets finalized successfully. **(Refer Figure 21).**
- Measurement after gets finalized gets transferred to Sub- Divisional Officer.

#### 4. Sub-Divisional Officer: -

##### 4.1 Measurement Book by SDO: -

In Sub-Divisional Officer Login user checks and verifies the detail measurements that which has been finalized by Section Officer and SDO also have a provision to edit the measurements and if founds any correction to be made from SO then can send back the e-MB to Section Officer. **SDO has privilege to check 50% of measurement.**



**Final Measurements for SDO**

Sr. No.	Item Code	Item Description	Measurement Date	Item Measurements For	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Is Hidden	50% Check For SDO	JE Remarks	Re
1	1	Earth work in excavation of foundation trenches in all kinds of soil including moorum, stony earth and earth mixed with boulders (except sheet rocks and	02/02/2022	Item 1	3*4*0.075*22.	1.0000	1.0000	1.0000	1.0000	20.5200		<input checked="" type="checkbox"/>	Examined Properly By JE	

In Sub-Divisional Officer Login: -

- Login into Sub-Divisional Office in WAMIS
- Click **Measurement Book By SDO.**
- Search & Select Work from search tab in screen.
- Select Measurement Book ID from drop down list. As we have mentioned earlier that if multiple Section Office of same Sub-Division has been chosen and added in Work Splitting screen against a work proposal then in that case separate MB book will be issued to the selected Section Offices and multiple MB Book ID will get generated according to sequence section office. The respective MB Book IDs will get displayed here in the drop-down list in SDO Login. On selecting a particular MB ID, the measurements recorded against respective MB Book will get visible accordingly to the Sub-Divisional Officer.

**E.g.,** Suppose there are two sections named as **SO 1** & **SO 2** under same Sub-Division (**SDO 1**). If **SO 1** has been selected in a proposal work, then it is considered as Nodal Section (Who is responsible to generate Bill). Besides this in work splitting screen if **SO 2** is added under multiple section selection, then **SO 2** is considered as additional section to record measurement for same work proposal. When e-MB is issued from the Divisional Office to Section Office, two separate MB book with ID will be assigned to the Section Offices.

- Click on View remarks button to check the overall remarks submitted by Section Office. **(Refer Figure 22).**
- Click to download and check Contractor Acceptance Form button besides View Remarks to view the document uploaded and sent by Section Office. **(Refer Figure 22).**

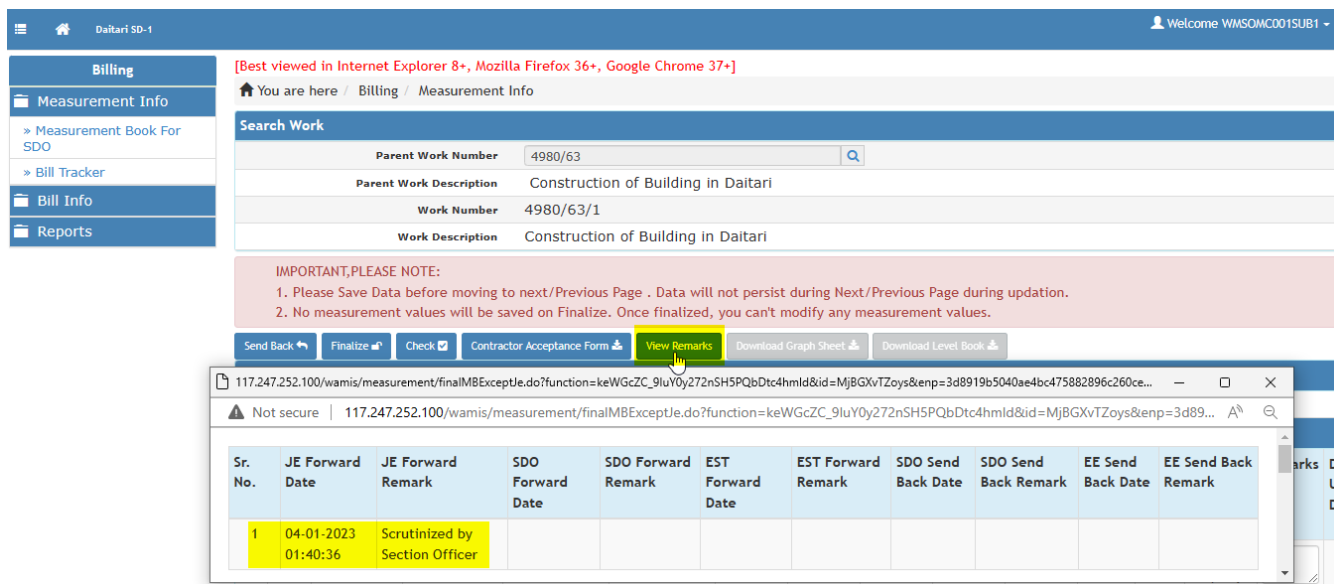


Figure 22 View Overall Remarks in SDO Login.

- Select check box provided against each line of measurements **(At least 50% check must be done).**
- After selecting check box click on Check button (Beside Contractor Acceptance Form Button), by which measurement gets checked successfully. **(Refer Figure 23)**

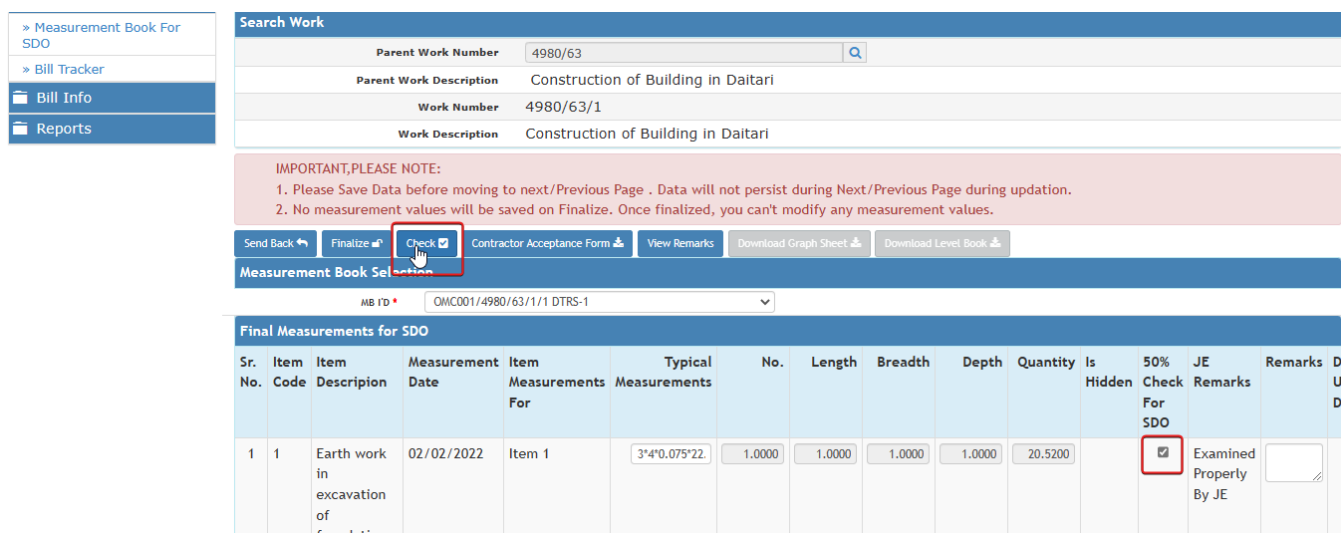


Figure 23 Check measurement in SDO Login.

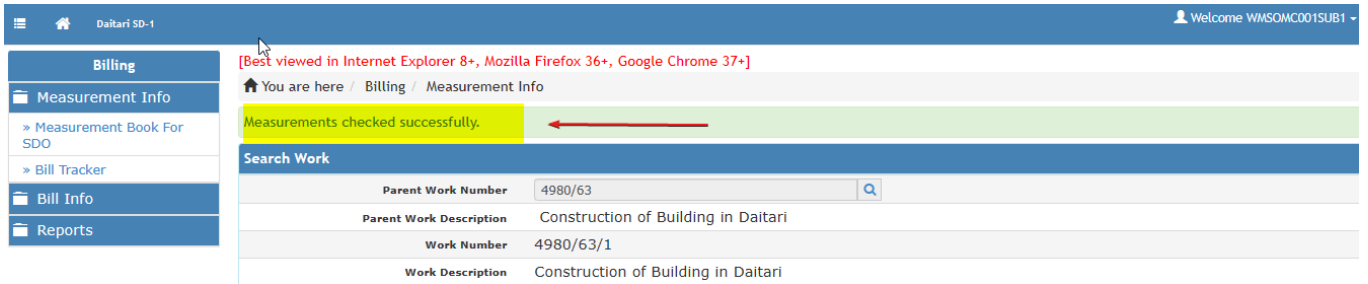


Figure 24 Measurement checked successful message.

- For any correction if needed from Section Office user can click on Send Back button (Beside Finalize Button) which will get transferred to Section Office.
- User can add suitable remarks against each Line of Measurements available in the screen.
- Clicking upon Finalize Button screen displays to SDO whether to send MB Book to **Estimator** or **Divisional Officer**.
- The measurement then gets finalized and gets displayed either to Estimator if sent via Estimator or to the Divisional Officer.

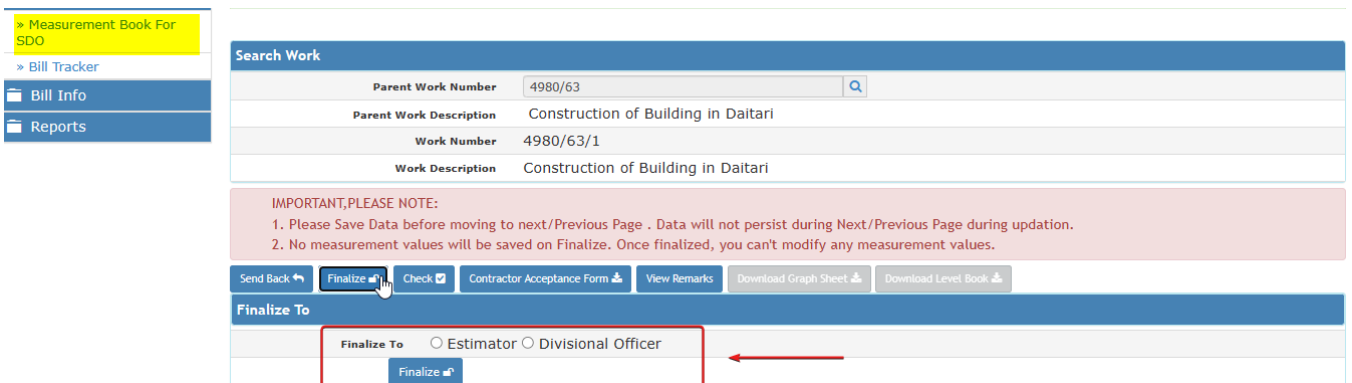


Figure 25 MB Book Sending to Estimator or Divisional Officer

- On clicking Finalize Button as shown in **Figure 25** the screen pops up a remark submitting box where user enters overall remarks to the Divisional Officer. **(Refer Figure 26)**



Enter Remarks

Fields marked with an asterisk \* are required.

Remarks:\*  
Checked By SDQ

Submit Cancel

Work Description Construction of Building in Daitari

IMPORTANT,PLEASE NOTE:  
1. Please Save Data before moving to next/Previous Page . Data will not persist during Next/Previous Page during updation.  
2. No measurement values will be saved on Finalize. Once finalized, you can't modify any measurement values.

Send Back Finalize Check Contractor Acceptance Form View Remarks Download Graph Sheet Download Level Book

Finalize To  
Finalize To  Estimator  Divisional Officer

Finalize

Figure 26 Overall remarks in SDO Login.

Measurement Info

Measurements are finalized successfully.  
Mb-Book is finalized.

Search Work

Parent Work Number 4980/63

Figure 27 Measurement Book is finalized successfully by SDO.

- Once measurement book gets finalized by Sub-Divisional Officer the screen displays successful message as shown in **Figure 27**.

## 5. Divisional Officer: -

### 5.1 Measurement Book by DO: -

In Divisional Officer Login user checks and verifies the detail measurements that which has been finalized by Sub-Divisional Officer and Divisional Officer also have a provision to edit the measurements and if founds any correction to be made from SDO then can send back the e-MB to Sub-Divisional Officer. **Divisional Officer has privilege to check 10% of measurement.**

Figure 28 Measurement book for EE.

In Divisional Officer Login: -

- Login into Divisional Office in WAMIS.
- Click Measurement Book By EE. **(Refer Figure 28).**
- Search & Select Work from search tab in screen. **(Refer Figure 28).**
- Select MB ID from the drop-down list to view the measurement recorded against each MB ID by Multiple Section Officer and sent through Sub-Divisional Office to Divisional Officer. **(Refer Figure 28).**
- Upon selecting MB ID page gets redirect and displays measurements accordingly. **(Refer Figure 29).**
- Divisional Officer verifies the Contractor Acceptance Form uploaded by Section Officer, hence if Divisional Officer wants to attach or upload updated Contractor Acceptance form after certain changes in the measurement book then he has the privilege to upload the document in his login. **(Refer Figure 29) & (Refer Figure 30).**
- Divisional Officer can send back the measurement details to Sub-Divisional Officer clicking on Send back button if needed for rectification with suitable remarks. **(Refer Figure 29) & (Refer Figure 30).**

- » MB Book Issue Entry
- » Measurement Book For EE
- » Finalize Unlock MB
- » Bill Tracker
- Bill Info
- Reports

### Search Work

Parent Work Number	4980/63
Parent Work Description	Construction of Building in Daitari
Work Number	4980/63/1
Work Description	Construction of Building in Daitari

**IMPORTANT, PLEASE NOTE:**

1. Please Save Data before moving to next/Previous Page . Data will not persist during Next/Previous Page during updation.

2. No measurement values will be saved on Finalize. Once finalized, you can't modify any measurement values.

Send Back Finalize Check Contractor Acceptance Form View Remarks View Finalize Measurements Download Graph Sheet Download Level Book

### Upload Contractor Acceptance Form

Contractor Acceptance Form  No file chosen

### Measurement Book Selection

MB ID \* OMC001/4980/63/1/1 DTRS-1

### Final Measurements for EE

Sr. No.	Item Code	Item Description	Measurement Date	Item Measurements For	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Checked by AE	Is Hidden	10% Check For EE	EST
1	1	Earth work in excavation of foundation trenches in all kinds of soil including moorum, stony earth	02/02/2022	Item 1	3*4*0.075*22	1.0000	1.0000	1.0000	1.0000	20.5200			<input type="checkbox"/>	

Figure 29 Measurement Book For EE.

- » MB Book Issue Entry
- » Measurement Book For EE
- » Finalize Unlock MB
- » Bill Tracker
- Bill Info
- Reports

Divisional Head Elect. - Daitari Welcome wmsomc010div

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You are here / Billing / Measurement Info

### Search Work

Parent Work Number	4980/63
Parent Work Description	Construction of Building in Daitari
Work Number	4980/63/1
Work Description	Construction of Building in Daitari

**IMPORTANT, PLEASE NOTE:**

1. Please Save Data before moving to next/Previous Page . Data will not persist during Next/Previous Page during updation.

2. No measurement values will be saved on Finalize. Once finalized, you can't modify any measurement values.

Send Back Finalize Check Contractor Acceptance Form View Remarks View Finalize Measurements Download Graph Sheet Download Level Book

### Upload Contractor Acceptance Form

Contractor Acceptance Form  No file chosen

### Measurement Book Selection

MB ID \* OMC001/4980/63/1/3 DTRSE-1

### Final Measurements for EE

Sr. No.	Item Code	Item Description	Measurement Date	Item Measurements For	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Checked by AE	Is Hidden	10% Check For EE	EST	Remarks	Download Uploaded Documents
1	3	Earth work in excavation of	02/02/2022	item1	--	20.0000				20.0000			<input checked="" type="checkbox"/>			<input type="button" value="Download"/>

Figure 30 Measurement Book step by step procedure.

- Divisional Officer has all rights to edit the detailed measurement and add suitable remarks against each Line of measurements as shown in **Figure 30**.
- Click on save button to save the edited measurements and entered remarks.
- Divisional Officer Click on check Box provided against each Line of Measurements as shown in **Figure 30**.
- After selecting the Line of Measurements then click on Check button to check the measurement successfully. (**Refer Figure 31**).

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Measurements checked successfully.

**Search Work**

Parent Work Number	4980/63
Parent Work Description	Construction of Building in Daitari
Work Number	4980/63/1
Work Description	Construction of Building in Daitari

**IMPORTANT, PLEASE NOTE:**

1. Please Save Data before moving to next/Previous Page . Data will not persist during Next/Previous Page during updation.
2. No measurement details will be saved on Finalize. Once finalized, you can't modify any measurement values.

Send Back Finalize Check Contractor Acceptance Form View Remarks View Finalize Measurements Download Graph Sheet Download Level Book

Upload Contractor Acceptance Form

Contractor Acceptance Form Choose File No file chosen Upload

Figure 31 Measurement Checked Successfully.

- After measurement gets checked successfully user then clicks on finalize button to finalize the measurement details which further will be considered to get processed in Bill.

In Section Officer (Nodal Section) Login: -

- Login into Section Office in WAMIS.
- Click Bill info.
- Click RA Bill details.
- Enter relevant details in the available fields to create RA Bill or First and Final Bill.
- Click on Save button to save the Bill details in WAMIS. (Refer Figure 32).

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View

**Search Work**

Parent Work Number	4980/63
Parent Work Description	Construction of Building in Daitari
Work Number	4980/63/1
Work Description	Construction of Building in Daitari

**RA Bill Details**

Fields marked with an asterisk \* are required.

Whether Final Bill *	No
RA Bill Date *	02/02/2022
Multiple COA Head Selection *	00/0005/00/021/0009/00001/000
RA Bill No. *	1
SGST Percent *	9
CGST Percent *	9
IGST Percent *	0
Update Physical Status of Project *	Bill Generated

Fill details for saving RA Bill details

Save Cancel

Figure 32 Preparing Bill in WAMIS

- After record saved successfully user clicks on Bill items in RA Bill. **(Refer Figure 33)**.
- In Bill items user clicks on Save RA Bill details from e-MB. Where the finalized measurement details and its executed quantity gets visible. **(Refer Figure 34) & (Refer Figure 35)**.
- User if needed can edit the abstract quantity against bill item. **(Refer Figure 36)**.
- Section Officer then Finalizes the Bill to Sub-Divisional Officer.

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You are here / Billing / Bill Info

Record saved successfully.

1

2

3

Search Work

Parent Work Number: 4980/63

Parent Work Description: Construction of Building in Daitari

Work Number: 4980/63/1

Work Description: Construction of Building in Daitari

View RA Bill Details

Sr. No.	RA Bill No.	RA Bill Date	Edit	Delete	Bill Items	Upload Document	Royalty Calculation	Recoveries	MB Record	Update Bill	View Bill	View Photo	Bill Info	Finalize
1	1	04/02/2022												

Figure 33 RA Bill saved successfully in Section Officer Login

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You are here / Billing / Bill Info

1

2

Search Work

Parent Work Number: 4980/63

Parent Work Description: Construction of Building in Daitari

Work Number: 4980/63/1

Work Description: Construction of Building in Daitari

View RA Bill Details

Sr. No.	RA Bill No.	RA Bill Date	Edit	Delete	Bill Items	Upload Document	Royalty Calculation	Recoveries	MB Record	Update Bill	View Bill	View Photo	Bill Info	Finalize
1	1	04/02/2022												

Figure 34 Bill items in RA Bill details

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You are here / Billing / Bill Info

RA Bill Details

Search Work

Parent Work Number: 4980/63

Parent Work Description: Construction of Building in Daitari

Work Number: 4980/63/1

Work Description: Construction of Building in Daitari

RA Bill Items By JE

Sr. No.	BoQ Item No.	Item Code	Item Description	Agreement Quantity	Approved Quantity	Executed Quantity	Upto Date Quantity	Amount	Remarks	Edit
No Record To Display										

Total Amount : 0.00

Save RA Bill Items From e-MB

View e-MB Measurements

Delete Bill Items

Figure 35 Save RA Bill details from e-MB

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🏠 You are here / Billing / Bill Info

RA Bill Details

Search Work

Parent Work Number	4980/63
Parent Work Description	Construction of Building in Daitari
Work Number	4980/63/1
Work Description	Construction of Building in Daitari

RA Bill Items By JE

Sr. No.	BoQ Item No.	Item Code	Item Description	Agreement Quantity	Approved Quantity	Executed Quantity	Upto Date Quantity	Amount	Remarks	Edit
1	1	1	Earth work in excavation of foundation trenches in all kinds of soil including moorum, stony earth and earth mixed with boulders (except sheet rocks and boulders requiring for blasting) including dressing and leveling the bed up to the required depth and depositing the excavated materials at places away from the work site with all leads and lifts, T&P shoring and shuttering and dewatering if required etc. comp. as directed by EIC.	90.0000	90.0000	55.5200	55.5200	14812.74	→	
2	2	2	Excavation, loading, unloading and carriage by mechanical means of all kinds of soil, including stoney earth, gravel and moorum etc interspersed with bounders upto 1/2 cum size with all lift and delifts including trimming of slopes and bed to design section and	159.0000	159.0000	40.5200	40.5200	1918.62		

Figure 36 Edit Bill items.