



WAMIS

ESTIMATE MODULE MANUAL

Estimate Manual

1. By selecting [Works -> Approvals -> AA Details](#), displays 'AA Details' screen. This is the screen for filling Administrative Approval details for the selected work where user enters the mandatory fields like Approval Number, Approving Authority, Approving office and Approved amount. For enabling the estimate against the work there is a check box (With Estimate), user needs to tick that check box and save the data which is highlighted in the below image.

[Best viewed in Internet Explorer 8+, Mozilla Firefox 36+, Google Chrome 37+]

🏠 You are here / Works / Approvals

View

Search Work

Parent Work Number: 213/876

Parent Work Description: test Road

Administrative Approval (Revised)

Fields marked with an asterisk * are required.

Approval Number * : 123

Approval Date * : 05/05/2021

Approving Authority * : Executive Engineer

Approving Office * : Test Division

Approved Amount * : 700000

With Estimate

Remarks: eeed

Save Cancel

2. By selecting [Estimates -> Estimate -> Estimate Master](#), displays 'Estimate Master' screen. The basic estimate details can be entered in this screen.
 - Estimate Number is autogenerated with reference to the Work no.
 - Design And Scope – Describes the basic design and scope of work.
 - General Description- Basic description of the project.
 - Estimate Date- Date of the estimate.
 - SR year – Schedule of Rate year to be mentioned.
 - Zone- SR zone to be mentioned.
 - Rate Affecting Factor- Rate affecting the work needed to be mentioned.
 - Labour Published Date- The date to be mentioned when the labour rate is published.
 - Section Officer- Section officer name to be mentioned.
 - Subdivision Officer- Subdivision officer name to be mentioned.
 - Division Officer- Division officer name to be mentioned.



- Estimates
- Masters
- Estimate
 - Estimate Master
 - Measurement
 - Used Estimates
 - Recapitulation Entry
 - Upload Documents
 - Upload Items
 - Estimate Details
 - Estimate Rate Analysis
- Reports

[Best viewed in Internet Explorer 8+, Mozilla Firefox 36+, Google Chrome 37+]

You are here / Estimates / Estimate

Estimate Information

Fields marked with an asterisk * are required.

| | | | |
|-----------------------------------|---------------------------------|--------|-----|
| Estimate Number * | 213/876/1 | | |
| Design and Scope * | ghh | | |
| General Description * | Estimation of the test proposal | | |
| Estimate Date * | 05/05/2021 | | |
| Department | Works | Branch | All |
| SR Year * | 2017 | | |
| Zone * | Central Zone | | |
| Rate Affecting Factor * | State PWD | | |
| Labour Published Date * | 01/10/2020 | | |
| Prepared By (Section Officer) | Udit Narayan Mishra | | |
| Checked By (Sub Division Officer) | test test | | |
| Checked By (Division Officer) | z x y | | |
| Remarks | hijiii | | |

Save Cancel

- To save the entered values click on the “Save” button.
- To cancel the entry or the modification click on the “Cancel” button.
- To delete the entry click on the “Delete” link.
- The user can also copy this estimation to another work which has no previous estimate present by clicking on the “Copy” link.

| Estimate Number 213/876/1 | | | | | | | | | |
|---------------------------|--------------------------------|--------------|-----------------|---------|------|--------|------------------|------|--|
| Estimate Details | | | | | | | | | |
| Sr.No. | Estimate Description | Estimate For | Estimate Amount | SR Year | Edit | Delete | View & Add Items | Copy | |
| 1 | DESIGN OF A ROAD AND THE SCOPE | Roads | 725.70 | 2017 | | | | | |

Add

Then user will redirect to next screen.

| Search Work | |
|-------------------------|--------------------------------|
| Parent Work Number | 30 |
| Parent Work Description | M/R to Rest Shed Buildings |
| Work Number | 30/7 |
| Work Description | M/R to Rest Shedhfgfhgfhgfhgfh |

| Copy Estimate | |
|------------------------|------------|
| Estimate Number * | 30/7 |
| Estimate Description * | ROADS |
| Estimate Date * | 09/05/2021 |
| SR Year * | 2017 |

Copy **Cancel**

Here User can search the Work Number to make an identical of the copied estimation.

| | | | |
|---------------|----------------|------------------|------------|
| Work Number | 30 | Work Description | |
| Choose Head | 0000 All Heads | Work Type | --All-- |
| Budget Year | --Select-- | Work Category | --Select-- |
| SR Year | --Select-- | Head Type * | --Select-- |
| Search | | Clear | |

| Select | Work Number | Work Description | Parent Work Number | Parent Work Description |
|-----------------------|-------------|---|--------------------|---|
| <input type="radio"/> | 213/2/1 | Renovation of old damage godao at bhubaneswar Reach 1 | 213/2 | Renovation of old damage godao at bhubaneswar |
| <input type="radio"/> | 213/2/2 | Renovation of old damage godao at bhubaneswar Reach 2 | 213/2 | Renovation of old damage godao at bhubaneswar |
| <input type="radio"/> | 213/2/3 | Renovation of old damage godao at bhubaneswar | 213/2 | Renovation of old damage godao at bhubaneswar |
| <input type="radio"/> | 213/2/4 | Renovation of old damage godao at bhubaneswar | 213/2 | Renovation of old damage godao at bhubaneswar |
| <input type="radio"/> | 213/2/5 | Renovation of old damage godao at bhubaneswar | 213/2 | Renovation of old damage godao at bhubaneswar |
| <input type="radio"/> | 213/2/6 | Renovation of old damage godao at bhubaneswar | 213/2 | Renovation of old damage godao at bhubaneswar |
| <input type="radio"/> | 213/2/7 | Renovation of old damage godao at bhubaneswar | 213/2 | Renovation of old damage godao at bhubaneswar |

Close

By selecting the parent work id, filling the Estimate Description, and selecting the SR year user can copy its estimation.

Copied Successfully

Estimate Number 213/876/1

Estimate Details

| Sr.No. | Estimate Description | Estimate For | Estimate Amount | SR Year | Edit | Delete | View & Add Items | Copy |
|--------|--------------------------------|--------------|-----------------|---------|------|--------|------------------|------|
| 1 | DESIGN OF A ROAD AND THE SCOPE | Roads | 725.70 | 2017 | | | | |

Add

The same Estimate can be seen in the below image.

Estimate Number 30/7

Estimate Details

| Sr.No. | Estimate Description | Estimate For | Estimate Amount | SR Year | Edit | Delete | View & Add Items | Copy |
|--------|----------------------|--------------|-----------------|---------|------|--------|------------------|------|
| 1 | ROADS | Roads | 725.70 | 2017 | | | | |

Add

- To edit the details click on the “Edit” link.
- To save the modified values click on the “Update” button.

Estimate Information

Fields marked with an asterisk * are required.

| | |
|-----------------------------------|--|
| Estimate Number * | 213/876/1 |
| Design and Scope * | DESIGN OF A ROAD AND THE SCOPE |
| General Description * | The design of the road, selection of contractors, approval of local municipal laws etc are |
| Estimate Date * | 05/05/2021 |
| SR Year * | 2017 |
| Zone * | Northern Zone |
| Rate Affecting Factor * | State PWD |
| Labour Published Date * | 01/10/2020 |
| Prepared By (Section Officer) | Udit Narayan Mishra |
| Checked By (Sub Division Officer) | x y z |
| Checked By (Division Officer) | z x y |
| Remarks | tujmu |

- User can view and can add items by clicking on the icon which is highlighted in the below image.
- The moment on clicking the icon user will be redirected to 'Measurement Detail' screen.

| Estimate Details | | | | | | | | |
|------------------|--------------------------------|--------------|-----------------|---------|------|--------|------------------|------|
| Sr.No. | Estimate Description | Estimate For | Estimate Amount | SR Year | Edit | Delete | View & Add Items | Copy |
| 1 | DESIGN OF A ROAD AND THE SCOPE | Roads | 0.00 | 2017 | | | | |

Add

3. By selecting [Estimates](#) -> [Estimate](#) -> [Measurement](#), displays 'Measurement' screen. The detailed estimate measurement is taken in this screen.

| |
|--------------------------|
| Estimate |
| » Estimate Master |
| » Measurement |
| » Used Estimates |
| » Recapitulation Entry |
| » Upload Documents |
| » Upload Items |
| » Estimate Rate Analysis |
| Reports |

| Measurement Details | | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | | |
|-----------------------|-----------|------------------|------------------|-----------------|--------------------|------------------------|--------------------|-----------------|--------|----------------------|--------------------|-------------------|-------------------|----------------------------|--------|--|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete | |
| 1 | 0 | | Quality Charges | | | 0 | | | 0.00 | ↓ | + | ≡ | | + | | |
| 2 | 0 | | Royalty Charges | | | 0 | | | 0.00 | ↓ | + | ≡ | | + | | |
| 3 | 0 | | Serviceable Cost | | | 0 | | | 0.00 | ↓ | + | ≡ | | + | | |
| 0 | | | | | | | Delete All Items : | | | | | | | | | |
| | | | | | | | | | | Total Amount : | | 0 | | | | |
| | | | | | | | | | | GST Charges (12%) : | | 0 | | | | |
| | | | | | | | | | | | | 0 | | | | |
| | | | | | | | | | | | | | | Add Lead Distance | | |
| Add SR Items | | Add Parent Items | | Add Non SR Item | | Calculate Lead Charges | | Quality Charges | | Add Serviceable Item | | Transfer Estimate | | Finalize Measurements | | |
| Sendback Measurements | | | | | | | | | | | | | | | | |

3.1. Add SR Items

| Measurement Details | | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | | |
|---------------------|-----------|------------------|------------------|-----------------|--------------------|------------------------|--------------------|-----------------|--------|----------------------|--------------------|-------------------|-------------------|----------------------------|--------|--|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete | |
| 1 | 0 | | Quality Charges | | | 0 | | | 0.00 | ↓ | + | ≡ | | + | | |
| 2 | 0 | | Royalty Charges | | | 0 | | | 0.00 | ↓ | + | ≡ | | + | | |
| 3 | 0 | | Serviceable Cost | | | 0 | | | 0.00 | ↓ | + | ≡ | | + | | |
| 0 | | | | | | | Delete All Items : | | | | | | | | | |
| | | | | | | | | | | Total Amount : | | 0 | | | | |
| | | | | | | | | | | GST Charges (12%) : | | 0 | | | | |
| | | | | | | | | | | | | 0 | | | | |
| | | | | | | | | | | | | | | Add Lead Distance | | |
| Add SR Items | | Add Parent Items | | Add Non SR Item | | Calculate Lead Charges | | Quality Charges | | Add Serviceable Item | | Transfer Estimate | | Finalize Measurements | | |

- After clicking on the Add SR items button user will see the ESTIMATE MEASUREMENT SCREEN
- After selecting chapter and category from the list user can go for search by pressing search button which is highlighted in below screen.
- SR items can be added from the list by clicking on the Save Items button.

Department: Works Branch: --Select--

SR Zone: Northern Zone SR Year: 2017

SR Type: Civil Electrical Non-SR

Chapter: Earthwork

Category: Earthwork

Item Code Search:

Item Name Search:

Search

Items List

Item Description

- [Earthwork][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 and laying in layers not exceed
- [Earthwork][1.2] - 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
- [Earthwork][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
- [Earthwork][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 embankm
- [Earthwork][2.1] - Earth work in hard soil or gravelly soil within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm., and laying in layer:
- [Earthwork][2.2] - Earth work in hard soil or gravelly soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm.
- [Earthwork][2.3] - Earth work in hard soil or gravelly soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm.
- [Earthwork][2.4] - Earth work in hard soil or gravelly soil in embankment and roads, etc. maximum laboratory dry density not less than 1.44Gms./1.52gm./1.65gms. per cubic centimeter in road
- [Earthwork][3] - Earth work in stoney earth and gravels mixed with stone boulders not exceeding 0.014 Cu.M. in volume within 50m. initial lead and 1.5m. initial lift including rough dressing a
- [Earthwork][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 C

Save Items Page 1 of 4 View 1 - 10 of 39

3.2. Add Non SR Item

| Measurement Details | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | | |
|---------------------|-----------|--------------|------------------|------|-------------------------------------|--------------------|----------|---------------|--------------------------|----------|--------------------|-------------------|----------------------------|--------------------------|--------------------------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 0 | | Quality Charges | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | ↓ | + | ≡ | <input type="checkbox"/> | + | <input type="checkbox"/> |
| 2 | 0 | | Royalty Charges | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | ↓ | + | ≡ | <input type="checkbox"/> | + | <input type="checkbox"/> |
| 3 | 0 | | Serviceable Cost | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | ↓ | + | ≡ | <input type="checkbox"/> | + | <input type="checkbox"/> |
| 0 | | | | | | Delete All Items : | | | <input type="checkbox"/> | | | | | | |
| Total Amount : | | | | | | | | | | 0 | | | | | |
| GST Charges (12%) : | | | | | | | | | | 0 | | | | | |
| | | | | | | | | | | 0 | | | | | |

Lead Distance

Non-SR Items can be added in Add Non SR Item Screen by clicking on the 'Non-SR Item' button.

🏠 You are here / null

Estimate Number 213/876/1

Add Non SR Item

Fields marked with an asterisk * are required.

SR Year 2017

SR Zone Northern Zone

Item Description * LABOUR FOR SHIFTING HOUSE HOLD MATERIAL

Unit * Numbers

Rate * 5

Save Reset

Back

- Non-SR item can be manually entered in Item Description Field.
- Select unit from the list.
- Then enter the rate.
- The Item can be saved by clicking on 'Save' button.
- The 'Reset' button will clear the entered fields.
- Back button will redirect to the Measurement screen.

3.3. Add Parent Items

| Measurement Details | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | |
|---|-----------|--------------|------------------|--------------------|--------------------|----------------|---------------------|----------------|----------|----------|--------------------|-------------------|----------------------------|--------------------------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient |
| 1 | 3.00 | Non-SR | 3-item2 (Non SR) | Bags | | 3.00 ✓ 3.00 | 8.0 | 133.74 | 1,069.92 | ↓ | + | ≡ | | + |
| 2 | 4.00 | Non-SR | 4-item3 (Non SR) | Centimeters | | 4.00 ✓ 4.00 | 10.0 | 267.49 | 2,674.90 | ↓ | + | ≡ | | + |
| 3 | 0 | | Quality Charges | | | 0 | | | 0.00 | ↓ | + | ≡ | | + |
| 4 | 0 | | Royalty Charges | | | 0 | | | 3,455.76 | ↓ | + | ≡ | | + |
| 5 | 0 | | Serviceable Cost | | | 0 | | | 0.00 | ↓ | + | ≡ | | + |
| 3707.76 | | | | Delete All Items : | | | | Total Amount : | | 3707.76 | | | | |
| | | | | | | | GST Charges (12%) : | | 0.0 | | | | | |
| | | | | | | | | | 3707.76 | | | | | |
| Add Lead Distance | | | | | | | | | | | | | | |
| <input type="button" value="Add SR Items"/> <input type="button" value="Add Parent Items"/> <input type="button" value="Add Non SR Item"/> <input type="button" value="Calculate Lead Charges"/> <input type="button" value="Quality Charges"/> <input type="button" value="Add Serviceable Item"/> <input type="button" value="Transfer Estimate"/> <input type="button" value="Finalize Measurements"/> | | | | | | | | | | | | | | |

Items can be add as Parent Item so that sub-items can be include later.

Add Parent Items button will redirect to 'ADD PARENT ITEM' screen

ADD PAARENT ITEM

Fields marked with an asterisk * are required.

| | |
|---------------------------|--|
| SR Year | <input type="text" value="2007"/> |
| SR Zone | <input type="text" value="Central Zone"/> |
| Item Description * | <input type="text" value="Earth work in hard soil"/> |
| Item Code * | <input type="text" value="3"/> |

- Item description and item code field needs to be filled.
- Then click on save button to add this item as parent item.
- The 'Reset' button will clear the entered fields.
- Back button will redirect to the Measurement screen.

Parent Item added Successfully

Estimate Number 30/10

IMPORTANT,PLEASE NOTE:

1. Please Click on Calculate Lead Charges button before finalizing the estimate to update the lead charges.
2. Please Add Lead Coefficient and Estimate Distance for Calculation of Lead Charges.
3. Once estimate is finalized,No changes can be done.
4. The Total Amount shown below does not include recapitulation charges .
5. Scada Charges deduct from rate proposed. To calculate SCADA Charges checked the checkbox and set percent at last of list.
6. After finalize, You cannot transfer estimate.

| Measurement Details | | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | |
|---------------------|-----------|--------------|---------------------------|-------------|--------------------|--------------|----------|---------------|----------|----------|--------------------|-------------------|-------------------|----------------------------|--|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | |
| 1 | 3.00 | Non-SR | 3-item2 (Non SR) | Bags | | 3.00 3.00 | 8.0 | 133.74 | 1,069.92 | ↓ | + | ≡ | | + | |
| 2 | 4.00 | Non-SR | 4-item3 (Non SR) | Centimeters | | 4.00 4.00 | 10.0 | 267.49 | 2,674.90 | ↓ | + | ≡ | | + | |
| 3 | 5.00 | Parent | 3-Earth work in hard soil | -- | | 5.00 5.00 | 0.0 | 0.00 | 0.00 | ↓ | + | ≡ | | + | |

Now the parent item can be visible in Measurement Details screen.

Sub Item

| Measurement Details | | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | |
|---------------------|-----------|----------------|--|--------------|--------------------|--------------|----------|---------------|--------|----------|--------------------|-------------------|-------------------|----------------------------|--------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 0.01 | Earthwork | 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 and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge per 100 cum. AR P NO- 01 | Cubic Meters | | 0.01 0.01 | 5.0 | 167.24 | 836.20 | ↓ | + | ≡ | | + | |
| 2 | 1.00 | Site Clearence | 1-Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression/pit. | -- | | 1.00 1.00 | 0.0 | 0.00 | 0.00 | ↓ | + | ≡ | | + | |

Add Sub Item by clicking on this icon

Now the sub-item of the Parent Item can be added by clicking on the highlighted icon in above picture.

The Next screen is Estimate Measurement Screen.

Estimate Measurement

Department: Works Branch: --Select--

SR Zone: Northern Zone SR Year: 2017

SR Type: Civil

Chapter: Site Clearance

Category: Site Clearance

Item Code Search:

Item Name Search:

Items List

| <input type="checkbox"/> | Item Description |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | [Site Clearance][1.1] - (i) Girth from 300 mm to 600 mm AR 2006 P No 195 |
| <input type="checkbox"/> | [Site Clearance][1.2] - (ii) Girth from 600 mm to 900 mm AR 2006 P No 195 |
| <input type="checkbox"/> | [Site Clearance][1.3] - (iii) Girth from 900 mm to 1800 mm AR 2006 P No 195 |
| <input type="checkbox"/> | [Site Clearance][1.4] - (iv) Girth above 1800 mm . AR 2006 P No 195 |
| <input type="checkbox"/> | [Site Clearance][2] - Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area (AR-2006,P-196) |
| <input type="checkbox"/> | [Site Clearance][3.1] - (i) In area of light jungle (AR-2006,P No-196) |
| <input type="checkbox"/> | [Site Clearance][3.2] - (ii) In area of thorny jungle AR 2006 P No 196 |
| <input type="checkbox"/> | [Site Clearance][4] - Dismantling of Lime Concrete, cement concrete grade M-10 and below including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unse |
| <input type="checkbox"/> | [Site Clearance][5] - Dismantling of Cement Concrete Grade M-15 & M-20 including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable materia |
| <input type="checkbox"/> | [Site Clearance][6] - Dismantling of Prestressed / Reinforced cement concrete grade M-20 & above including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal |

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- SR Year and SR fields are auto generated.
- Select Branch.
- Select Chapter and Category from the list.
- Now click on Search button which will enable user to select the items related to the field like Chapter and Category.
- 'Save Items' button will add the selected sub-items for the particular Parent Item.

Estimate Number 213/876/1

IMPORTANT, PLEASE NOTE:

1. Please Click on Calculate Lead Charges button before finalizing the estimate to update the lead charges.
2. Please Add Lead Coefficient and Estimate Distance for Calculation of Lead Charges.
3. Once estimate is finalized, No changes can be done.
4. The Total Amount shown below does not include recapitulation charges .
5. Scada Charges deduct from rate proposed. To calculate SCADA Charges checked the checkbox and set percent at last of list.
6. After finalize, You cannot transfer estimate.

| Measurement Details | | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | |
|----------------------|-----------|----------------|--|--------------|--------------------|----------------|----------|---------------|--------|----------|--------------------|-------------------|-------------------|----------------------------|--------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 1.00 | Site Clearance | 1-Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression/pit. | -- | | 1.00 ✓ 1.00 | 0.0 | 0.00 | 0.00 | ↓ | + | ≡ | | + | |
| Sub Item ↓ | | | | | | | | | | | | | | | |
| 2 | 1.01 | Site Clearance | 1.1-(j) Girth from 300 mm to 600 mm AR 2006 P.No.195 | Each | | 1.01 ✓ 1.01 | 0.0 | 282.59 | 0.00 | ↓ | + | ≡ | | + | |
| 3 | 4.00 | R.C.C. Works | 3-R.C.C. work of M-15 grade with 20mm & | Cubic Meters | | 4.00 ✓ 4.00 | 0.0 | 5,968.47 | 0.00 | ↓ | + | ≡ | | + | |

Sub-item of the parent item is now visible in the 'Measurement Details' screen.

3.4. Enter Measurement

| Measurement Details | | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | |
|-----------------------|-----------|------------------|--|-----------------|-------------------------------------|------------------------|----------|-----------------|--------|----------------------|--------------------|-------------------|-------------------|----------------------------|--------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 0.01 | Earthwork | 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 and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge per 100 cum. AR P NO- 01 | Cubic Meters | <input checked="" type="checkbox"/> | 0.01 0.01 | 4.0 | 149.82 | 599.28 | 1 | + | | | + | |
| | | | | | | | | | | Delete All Items : | | | | | |
| | | | | | | | | | | Total Amount : | | 0 | | | |
| | | | | | | | | | | GST Charges (12%) : | | 0 | | | |
| | | | | | | | | | | | | 0 | | | |
| Add Lead Distance | | | | | | | | | | | | | | | |
| Add SR Items | | Add Parent Items | | Add Non SR Item | | Calculate Lead Charges | | Quality Charges | | Add Serviceable Item | | Transfer Estimate | | Finalize Measurements | |
| Sendback Measurements | | | | | | | | | | | | | | | |

The Measurements can be given by clicking on the '+' icon which is highlighted in above picture.

It will redirect to Add Measurement screen.

You are here / null

Estimate No : 213/876/1
 ItemCode : 1.1
 Item Desc : 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 and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge per 100 cum. AR P NO- 01

| | | | | | |
|----------|--------|--------------|-----|------|--------------|
| SOR Rate | 113.34 | SOR Quantity | 2.0 | Unit | Cubic Meters |
|----------|--------|--------------|-----|------|--------------|

Add Measurements

| Item Heading | Item Sub Heading | Typical | Typical Measurements | Part | No. | Length | Breadth | Depth | Quantity | Delete | Copy |
|--------------|------------------|--------------------------|----------------------|------------------|-----|--------|---------|-------|----------|--------|------|
| outside wall | item1 | <input type="checkbox"/> | | Road Appurtenanc | 2 | 1 | 1 | 1 | 2.000 | | |

Add Measurements Save Cancel Return to Item Selection

Total Quantity: 2.000

- Enter Item Heading and Sub Heading.
- For Typical click on the check box and provide formula in Typical Measurement field.
- Select part from the list.
- Provide no.
- Enter Length, Breadth and Depth in its field.
- Then the Quantity will auto generated.
- The 'save' button will save the added measurements.
- Copy button will enable to copy the given measurements so that the user can add a similar measurement at the time of its requirement.
- Measurement can be added by clicking on the 'Add Measurement' button.

🏠 You are here / null

Estimate No : 21318761
 ItemCode : 1.1
 Item Desc : 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 and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge per 100 cum. AR P NO- 01

SOR Rate 113.34 SOR Quantity 2.0 Unit Cubic Meters

Add Measurements

| Item Heading | Item Sub Heading | Typical | Typical Measurements | Part | No. | Length | Breadth | Depth | Quantity | Delete | Copy |
|--------------|------------------|--------------------------|----------------------|------------------|-----|--------|---------|-------|----------|---|---|
| outside wall | item1 | <input type="checkbox"/> | | Road Appurtenanc | 2 | 1 | 1 | 1 | 2.000 |  |  |

Total Quantity: 2.000

- Added measurements can be deleted by pressing the delete icon.
- Cancel button will clear the fields that was entered.
- Return to item selection button will get user back to the Measurement Screen.

3.5. View Measurements

User can view their entered measurements by clicking on the View Measurements in Measurement Details Screen.

Estimate Number: 213/876/1

IMPORTANT, PLEASE NOTE:

1. Please Click on Calculate Lead Charges button before finalizing the estimate to update the lead charges.
2. Please Add Lead Coefficient and Estimate Distance for Calculation of Lead Charges.
3. Once estimate is finalized, No changes can be done.
4. The Total Amount shown below does not include recapitulation charges .
5. Scada Charges deduct from rate proposed. To calculate SCADA Charges checked the checkbox and set percent at last of list.
6. After finalize, You cannot transfer estimate.

Measurement Details Rate Affecting Factor: 0.0

| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
|---------|-----------|----------------|--|------|-------------------------------------|--------------|----------|---------------|--------|----------|--------------------|-------------------|-------------------|--------------------------|--------|
| 1 | 1.00 | Site Clearence | 1-Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression/plt. | -- | <input checked="" type="checkbox"/> | 1.00 1.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑️ |
| 2 | 1.01 | Site Clearence | 1.1-(i) Girth from 300 mm to 600 mm AR 2006 P No 195 | Each | <input checked="" type="checkbox"/> | 1.01 1.01 | 0.0 | 282.59 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑️ |

Click on the icon for View Measurements
↓

0 Delete All Items : 🗑️

Total Amount : 0
GST Charges (12%) : 0
0

[Add Lead Distance](#)

[Add SR Items](#)
[Add Parent Items](#)
[Add Non SR Item](#)
[Calculate Lead Charges](#)
[Quality Charges](#)
[Add Serviceable Item](#)
[Transfer Estimate](#)
[Finalize Measurements](#)

The next screen which is 'View Item Measurement' screen shows all the added measurements including the total quantity.

Estimate No : 213/876/1
 ItemCode : 1.1
 Item Desc : (i) Girth from 300 mm to 600 mm AR 2006 P No 195
 Unit : Each



| Item Heading | Item Sub Heading | Measurements Details | Part | No. | Length | Breadth | Depth | Qty |
|--------------|------------------|----------------------|----------------------------------|-----|--------|---------|-------|--------|
| inside wall | item1 | | H.P.C Culvert - 300mm Single Row | 2.0 | 2.0 | 2.0 | 2.0 | 16.000 |

[Close](#) **Click to close the Screen**
Total Quantity: 16.0

- Click on 'Close' button to go to the Measurement Details Screen.

3.6. Edit Measurements



User can edit their added measurements by clicking on the Edit Measurements icon which is highlighted in the below image.


| Measurement Details | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | | |
|---------------------|-----------|--------------|--|--------------|-------------------------------------|--------------|----------|---------------|--------|----------|--------------------|-------------------|---|--------------------------|---|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 0.01 | Earthwork | 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 and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge per 100 cum. AR P NO- 01 | Cubic Meters | <input checked="" type="checkbox"/> | 0.01 0.01 | 4.0 | 149.82 | 599.28 | 1 | + | ≡ |  | + |  |

Click on the icon to edit

Then it will redirect to Edit Measurement Screen.

ItemCode : 1.1
Item Desc : 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 and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge per 100 cum.
Unit : Cubic Meters

| Item Heading | Item Sub Heading | Typical Measurement Details | Part | No. | Length | Breadth | Depth | Quantity | Delete |
|--------------|------------------|-----------------------------|---------------|-----|--------|---------|-------|----------|---|
| inside wall | item1 | | H.P.C Culvert | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |  |
| outside wall | item1 | .30*1 | H.P.C Culvert | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 |  |

Total Quantity: 1.3 

Click to update **Click to Delete**

- Enter Item Heading and Sub Heading.
- For Typical click on the check box and provide formula in Typical Measurement field.
- Select part from the list.
- Provide no.
- Enter Length, Breadth and Depth in its field.
- Delete measurements by pressing the delete icon.
- 'Return to Item Selection' button redirects the current screen to the 'Measurement Details' Screen
- Changes can be made by clicking on the 'Update' button.

3.7. Order Number

Estimate Number: 213/858/1

IMPORTANT, PLEASE NOTE:

1. Please Click on Calculate Lead Charges button before finalizing the estimate to update the lead charges.
2. Please Add Lead Coefficient and Estimate Distance for Calculation of Lead Charges.
3. Once estimate is finalized, No changes can be done.
4. The Total Amount shown below does not include recapitulation charges .
5. Scada Charges deduct from rate proposed. To calculate SCADA Charges checked the checkbox and set percent at last of list.
6. After finalize, You cannot transfer estimate.

| Measurement Details | | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | |
|---------------------|-----------|----------------|---|---------|-------------------------------------|--------------|----------|---------------|------------|----------|--------------------|-------------------|-------------------|----------------------------|--------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 1.00 | Site Clearance | 2-Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area | Hectare | <input checked="" type="checkbox"/> | 1.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | / | + | 🗑️ |
| 2 | 2.00 | Site Clearance | 3.2-(ii) In area of thorny jungle | Hectare | <input checked="" type="checkbox"/> | 2.00 | 23500.0 | 5.54 | 130,190.00 | 1 | + | ≡ | / | + | 🗑️ |

0 Delete All Items :

Total Amount : 0
GST Charges (12%) : 0

Add Lead Distance

- Write Order Number in the order number field.
- Click on the '✓' icon.

Order number updated successfully.

Estimate Number: 213/858/1

IMPORTANT, PLEASE NOTE:

1. Please Click on Calculate Lead Charges button before finalizing the estimate to update the lead charges.
2. Please Add Lead Coefficient and Estimate Distance for Calculation of Lead Charges.
3. Once estimate is finalized, No changes can be done.
4. The Total Amount shown below does not include recapitulation charges .
5. Scada Charges deduct from rate proposed. To calculate SCADA Charges checked the checkbox and set percent at last of list.
6. After finalize, You cannot transfer estimate.

| Measurement Details | | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | |
|---------------------|-----------|----------------|---|---------|-------------------------------------|--------------|----------|---------------|------------|----------|--------------------|-------------------|-------------------|----------------------------|--------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 1.00 | Site Clearance | 3.2-(ii) In area of thorny jungle | Hectare | <input checked="" type="checkbox"/> | 1.00 | 23500.0 | 5.54 | 130,190.00 | 1 | + | ≡ | / | + | 🗑️ |
| 2 | 2.00 | Site Clearance | 2-Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area | Hectare | <input checked="" type="checkbox"/> | 2.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | / | + | 🗑️ |

Changed Order No.

3.8. Add Material Co-efficient

Estimate Number: 213/876/1

IMPORTANT, PLEASE NOTE:

1. Please Click on Calculate Lead Charges button before finalizing the estimate to update the lead charges.
2. Please Add Lead Coefficient and Estimate Distance for Calculation of Lead Charges.
3. Once estimate is finalized, No changes can be done.
4. The Total Amount shown below does not include recapitulation charges .
5. Scada Charges deduct from rate proposed. To calculate SCADA Charges checked the checkbox and set percent at last of list.
6. After finalize, You cannot transfer estimate.

| Measurement Details | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | | |
|---------------------|-----------|-----------------|--|--------------|--------------------|--------------|----------|---------------|--------|----------|--------------------|-------------------|----------------------------|--------------------------|--------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 1.00 | Site Cleareance | 1-Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression/pit. | -- | | 1.00 1.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | | + | |
| 2 | 1.01 | Site Cleareance | 1.1-(I) Girth from 300 mm to 600 mm AR 2006 P No 195 | Each | | 1.01 1.01 | 0.0 | 282.59 | 0.00 | 1 | + | ≡ | | + | |
| 3 | 4.00 | R.C.C. Works | 3-R.C.C. work of M-15 grade with 20mm & | Cubic Meters | | 4.00 4.00 | 0.0 | 5,968.47 | 0.00 | 1 | + | ≡ | | + | |

Click on to add Material Coefficient

The Material Coefficient can be added by pressing on the '+' icon.

The next screen shows the Material Details screen.

Estimate Number - 213/876/1

IMPORTANT, PLEASE NOTE:

1. Lead Coefficients generated by the system must be verified by the user before save/update operation.

| Select | Material Description | Material Description | Material Rate | Lead Coefficient | Delete |
|-------------------------------------|---|----------------------|---------------|------------------|--------|
| <input type="checkbox"/> | 18-Screened and washed sharp sand for mortar | Sand | 35.00 | 0.0000 | |
| <input checked="" type="checkbox"/> | 19-Sand for filling and road blinding | Sand | 35.00 | 1.0000 | |
| <input type="checkbox"/> | 20-Clay mortar for masonry work with admixture of sand. | Earth | 35.00 | 0.0000 | |
| <input type="checkbox"/> | 24.1-a) Granite broken stone of size not less than 0.0025 Cum. Stacked | Granite Product | 130.00 | 0.0000 | |
| <input type="checkbox"/> | 24.2-b) Granite stone of size not less than 0.0025 Cum. picked up. | Granite Product | 130.00 | 0.0000 | |
| <input type="checkbox"/> | 25-Stone other than granite quarried, broken and staked 0.0015 Cum to 0.003 Cum | Granite Product | 130.00 | 0.0000 | |
| <input type="checkbox"/> | 26-Stone other than granite picked up and staked 0.0015 Cum. to 0.003 Cum | Granite Product | 130.00 | 0.0000 | |
| <input type="checkbox"/> | 27-Stone other than granite quarried, broken and staked above 0.003 Cum | Granite Product | 130.00 | 0.0000 | |
| <input type="checkbox"/> | 28-Stone other than granite picked up, broken and staked above 0.003 Cum | Granite Product | 130.00 | 0.0000 | |
| <input type="checkbox"/> | 29.1-a) Crusher broken. | Granite Product | 130.00 | 0.0000 | |
| <input type="checkbox"/> | 29.2-b) Hand broken. | Granite Product | 130.00 | 0.0000 | |
| <input type="checkbox"/> | 30.1-a) Crusher broken. | Granite Product | 130.00 | 0.0000 | |

ENTER LEAD COEFFICIENT


SAVE COEFFICIENT

1 2 3 4

save/update Coefficients Close

- Select material.
- Enter the Lead coefficient.
- Materials can be saved by 'Save/Update Coefficients' button.
- Any Materials can be deleted by pressing the delete icon.
- The 'Close' button will lead user to the Measurement Screen.

3.9. Add Lead Distance

| Measurement Details | | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | |
|---|-----------|------------------|------------------|-----------------|-------------------------------------|------------------------|----------|-----------------|--------|----------------------|--------------------|---------------------|-------------------|----------------------------|--------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 0 | | Quality Charges | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ≡ | ✍ | + | 🗑 |
| 2 | 0 | | Royalty Charges | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ≡ | ✍ | + | 🗑 |
| 3 | 0 | | Serviceable Cost | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ≡ | ✍ | + | 🗑 |
| | | | | | | | | | | 0 | | Delete All Items : | | 🗑 | |
| | | | | | | | | | | | | Total Amount : | | 0 | |
| | | | | | | | | | | | | GST Charges (12%) : | | 0 | |
| | | | | | | | | | | | | | | 0 | |
| Click on Add Lead Distance Icon | | | | | | | | | | | | | | | |
| Add Lead Distance  | | | | | | | | | | | | | | | |
| Add SR Items | | Add Parent Items | | Add Non SR Item | | Calculate Lead Charges | | Quality Charges | | Add Serviceable Item | | Transfer Estimate | | Finalize Measurements | |
| Sendback Measurements | | | | | | | | | | | | | | | |

- Lead distance can be added by clicking on the 'Add Lead Distance' icon.
- Next Screen will be redirected to Materials Screen.

Estimate Number - 213/909/1

Materials

| Select | Material Description | Quarry Name | Distance | Delete |
|-------------------------------------|------------------------------|---|--------------------------------------|--------|
| <input checked="" type="checkbox"/> | 1-Cement | <input type="text" value="Rasulgargh"/> | <input type="text" value="6.0000"/> | |
| <input checked="" type="checkbox"/> | 2-Sand | <input type="text" value="Baliana"/> | <input type="text" value="10.0000"/> | |
| <input type="checkbox"/> | 3-Moorum | <input type="text"/> | <input type="text"/> | |
| <input type="checkbox"/> | 4-Quarry Dust | <input type="text"/> | <input type="text"/> | |
| <input type="checkbox"/> | 191-Bitumen (VG-30) | <input type="text"/> | <input type="text"/> | |
| <input type="checkbox"/> | 192-Emulsion (SS) | <input type="text"/> | <input type="text"/> | |
| <input type="checkbox"/> | 193-Emulsion (S.S) | <input type="text"/> | <input type="text"/> | |
| <input type="checkbox"/> | 195-300mm dia NP3 Hume Pipe | <input type="text"/> | <input type="text"/> | |
| <input type="checkbox"/> | 196-600mm dia NP3 Hume Pipe | <input type="text"/> | <input type="text"/> | |
| <input type="checkbox"/> | 197-1000mm dia NP3 Hume Pipe | <input type="text"/> | <input type="text"/> | |

Select Material

Submit

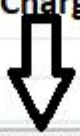
click on the icon to delete


click on close button

- Select the material from the list.
- Fill the source name in 'Quarry Name' field.
- Add lead distance in 'Distance' field.
- The material can be deleted by clicking on the delete icon.
- Click on Submit button.
- Click on 'Close' button to go to the Measurement Details Screen.

3.10. Calculate Lead Charges

| Measurement Details | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | | |
|---------------------|-----------|--------------|------------------|------|-------------------------------------|--------------|----------|---------------|--------|----------|--------------------|-------------------|----------------------------|--------------------------|--------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 0 | | Quality Charges | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ☰ | ✍ | + | 🗑 |
| 2 | 0 | | Royalty Charges | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ☰ | ✍ | + | 🗑 |
| 3 | 0 | | Serviceable Cost | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ☰ | ✍ | + | 🗑 |


| | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|---------------------|---|--|
| Delete All Items : | | | | | | | | | | | | | | | |
| <p style="text-align: center;">Click on Calculate Lead Charges</p>  | | | | | | | | | | | | | Total Amount : | 0 | |
| | | | | | | | | | | | | | GST Charges (12%) : | 0 | |
| | | | | | | | | | | | | | | 0 | |


Add Lead Distance 

Lead charges can be calculated in accordance to the given material source and its lead distance provided in the Lead distance field by clicking on the 'Calculate Lead Charges' button.

3.11. Quality Charges

| Measurement Details | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | | |
|---------------------|-----------|--------------|------------------|------|-------------------------------------|--------------|----------|---------------|--------|----------|--------------------|-------------------|----------------------------|--------------------------|--------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 0 | | Quality Charges | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ☰ | ✍ | + | 🗑 |
| 2 | 0 | | Royalty Charges | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ☰ | ✍ | + | 🗑 |
| 3 | 0 | | Serviceable Cost | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ☰ | ✍ | + | 🗑 |

| | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------------|---|--|
| Delete All Items : | | | | | | | | | | | | | | | |
| <p style="text-align: center;">Click on Quality Charges</p>  | | | | | | | | | | | | | Total Amount : | 0 | |
| | | | | | | | | | | | | | GST Charges (12%) : | 0 | |
| | | | | | | | | | | | | | | 0 | |

Add Lead Distance 

Quality Charges can be add by pressing on the 'Quality Charges' button present in Measurement Details Screen.

Then it will redirect to Quality Charges Screen.


Saved Successfully ←

Quality Charges

Test Name: Soil Testing
Test Sub Types: --Select--
Remarks: Soil Test for Road
No Of Test: 1

Add → **Click on Add**

Quality Control Test List

| Sr.No. | Test Name | Test Description | Unit | Rate | No Of Test | Rate (A): | Remarks | Delete |
|--------|--------------|------------------|------|-------|------------|-----------|--------------------|---|
| 1 | Soil Testing | Soil Testing | Test | 100.0 | 1 | 100.0 | Soil Test for Road |  |

Total Quality Rate(A): 100.0

Returns to Item Selection → **Click on Return To Item Selection** **Click on Delete icon**

- Select Test Name
- Select Test Sub Types.
- Enter No of test.
- Save the help of 'Add' button.
- User can delete any Test by clicking on the delete icon.
- 'Return to Item Selection' button will redirect the present screen to the Measurement Details Screen.

3.12. Finalize Measurements

| Measurement Details | | | | | | | | | | | | | | Rate Affecting Factor: 0.0 | |
|--|-----------|----------------|--|---------|--------------------|--------------------|----------|---------------|--------|---------------------|--------------------|-------------------|-------------------|----------------------------|--------|
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
| 1 | 1.00 | Non-SR | 3-LABOUR FOR SHIFTING HOUSE HOLD MATERIAL (Non SR) | Numbers | | 1.00 ✓ 1.00 | 0.0 | 56.56 | 0.00 | ↓ | + | ≡ | | + | |
| 2 | 1.01 | Site Clearence | 1.1-(i) Girth from 300 mm to 600 mm AR 2006 P No 195 | Each | | 1.01 ✓ 1.01 | 0.0 | 247.24 | 0.00 | ↓ | + | ≡ | | + | |
| 3 | 0 | | Quality Charges | | | 0 | | | 0.00 | ↓ | + | ≡ | | + | |
| 4 | 0 | | Royalty Charges | | | 0 | | | 0.00 | ↓ | + | ≡ | | + | |
| 5 | 0 | | Serviceable Cost | | | 0 | | | 0.00 | ↓ | + | ≡ | | + | |
| 0 | | | | | | Delete All Items : | | | | | | | | | |
| | | | | | | | | | | Total Amount : | | 0 | | | |
| | | | | | | | | | | GST Charges (12%) : | | 0 | | | |
| | | | | | | | | | | | | 0 | | | |
| Add Lead Distance | | | | | | | | | | | | | | | |
| Click to Finalize Measurements | | | | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between; align-items: center;"> Sendback Measurements <input type="button" value="Add SR Items"/> <input type="button" value="Add Parent Items"/> <input type="button" value="Add Non SR Item"/> <input type="button" value="Calculate Lead Charges"/> <input type="button" value="Quality Charges"/> <input type="button" value="Add Serviceable Item"/> <input type="button" value="Transfer Estimate"/> <input type="button" value="Finalize Measurements"/> </div> | | | | | | | | | | | | | | | |

- Click on Finalize Measurements button.
- After Finalization estimate will get forwarded from Section officer (Junior Engineer) to Subdivision Officer (Assistant Executive Engineer).
- Once estimate is finalized then user will not be allowed to perform any functionality like Enter Measurements, Edit Measurements or Delete Measurements.
- The process flow of Estimate begins from Junior Engineer Login -> Assistant Executive Engineer Login-> Estimator Login->Executive Engineer Login-> Superintendent Engineer Login-> Chief Engineer-> Engineer In Chief Login

4. By selecting [Estimates](#) -> [Estimate](#) -> [Used Estimates](#). displays Used Estimate Details Screen

[Best viewed in Internet Explorer 8+, Mozilla Firefox 36+, Google Chrome 37+]

You are here / Estimates / Estimate

Estimate Number: 213/891/1

Used Estimate Details

| Sr.No. | Estimate Description | Estimate For | Estimate Amount | Sr Year | View Items | Copy |
|--------|----------------------|--------------|-----------------|---------|------------|------|
| 1 | Test Estimate | 37 | 2,017.00 | Roads | | |

Click on the icon to view Measurement Details

Measurement Details For Estimate:- 213/891/1

| Sr. No. | Heading | SubHeading | Length | Breadth | Depth | Quantity |
|---------|---------|------------|--------|---------|-------|----------|
| 1 | | | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | | | 1.0 | 1.0 | 1.0 | 32.0 |
| 3 | | | 0.0 | 0.0 | 0.0 | 0.0 |
| 4 | | | 1.0 | 1.0 | 1.0 | 36.0 |
| 5 | | | 0.0 | 0.0 | 0.0 | 0.0 |

Back

- Click on View icon to see the measurement details for this Estimate.
- Click on Back button to go to Used Estimate Details Screen.
- Click on Copy icon to copy this estimate to another work which has no previous estimate present.

Search Work

Parent Work Number: 30

Parent Work Description: M/R to Rest Shed Buildings

Work Number: 30/5

Work Description: M/R to Rest Shed

Click on the icon to Search Work Number

Copy Estimate

Estimate Number *: 30/5

Estimate Description *: ROAD ESTIMATE

Estimate Date *: 09/05/2021

SR Year *: 2017

- Click on Search icon to search the Work Number.
- Enter Estimate Description.
- Select SR Year.
- Click on copy icon.
- Click on Cancel button to go to Used Estimate Details Screen

Copied Successfully

Estimate Number

Estimate Details

| Sr.No. | Estimate Description | Estimate For | Estimate Amount | SR Year | Edit | Delete | View & Add Items | Copy |
|----------------------|----------------------|--------------|-----------------|---------|------|--------|------------------|------|
| No Record To Display | | | | | | | | |

The below image shows the similar estimation as the copied one (eg. Copy 213/891/1 to 30/5).

Estimate Number

Estimate Details

| Sr.No. | Estimate Description | Estimate For | Estimate Amount | SR Year | Edit | Delete | View & Add Items | Copy |
|--------|----------------------|--------------|-----------------|---------|---|---|---|---|
| 1 | ROADS | Roads | 9,099.24 | 2017 |  |  |  |  |

5. By selecting [Estimates](#) -> [Estimate](#) -> [Recapitulation Entry](#) displays Recapitulation Entry Screen.

User can calculate Quality Control Charges, GST against the Estimate in Recapitulation Entry Screen.

- Search the Estimate Number.
- Enter the Contingency percentage.
- Enter Quality Control percentage.
- Click the check box to include GST and make changes if needed.
- Click on save button to add the charges to the total amount.
- Cancel button redirect the current screen to the View Recapitulation Details Screen.

Record Saved Successfully

Estimate Number: 30/1

View Recapitulation Details

| Sr. No. | Estimate Amount | GST Amount | Recapitulation Amount | Total Amount | Amount in Rs. | Edit | Delete |
|---------|-----------------|------------|-----------------------|--------------|---------------|------|--------|
| 1 | 99.72 | 12.09 | 1.24 | 112.93 | | | |

+ Add View All


Annotations: 'Click to Edit' points to the Edit icon, 'Click to delete' points to the Delete icon.






















- Click on the Add button to make new entry.
- Click on Delete icon to delete the entry.
- Click on the edit icon user to edit entries like Contingency, quality control and also can add GST.
- Click on Update to make Changes.


6. By selecting [Estimates](#) -> [Estimate](#) -> [Estimate Rate Analysis](#). Measurement Detail screen is displayed.



6.1 Edit Material Rates

Estimate Number 213/855/1 Q  **click to search Estimate No**

| Sr. No. | Item Description | SR Year | Unit | SR Unit Rate | Copy Analysis | Edit Material Rates | Enter Analysis |
|---------|--|---------|------------------|--------------|---|---|---|
| 1 | 4-Cement concrete (1:4:8) with 4 cm size hard granite metal | 2017 | Cum Meters | 0.00 |  |  |  |
| 2 | 43.5.1-900mm equilateral triangle | 2017 | Each | 0.00 |  |  |  |
| 3 | 6.1-Labour for fitting and fixing woven wire fencing with top line of barbed wire to the posts by means of staples and straining hooks. | 2017 | Meters | 0.00 |  |  |  |
| 4 | 6.2-Labour for fixing old sal bullah including cost of nails after cutting to required sizes. | 2017 | RM | 0.00 |  |  |  |
| 5 | 6.3-(e) 450mm dia R.C.C. pipe | 2017 | RM | 0.00 |  |  |  |
| 6 | 3.1-i) In area of light jungle (AR-2006,P No-196 | 2017 | Square Meters | 5.41 |  |  |  |
| 7 | 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 and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge per 100 cum. AR P NO- 01 | 2017 | Cubic Meters | 110.14 |  |  |  |

Click on the Icon to edit 



Material Rates can be changed as per the local market price for the prescribed materials by clicking on the edit icon which is highlighted in above picture.

The next Screen is Edit Material's Rate Screen.

Rates updated successfully.

| Item Details | |
|--|---|
| Fields marked with an asterisk * are required. | |
| Estimate Number | 213/855/1 |
| Item Code | 4 |
| To Item Description | Cement concrete (1:4:8) with 4 cm size hard granite metal |
| Item Unit | cum |

| Edit Material's Rate | | | | | | | |
|----------------------|--|------|-----------|----------|-----------------------|----------|-------------------------------------|
| Sr. No. | Item Description | Unit | Item Rate | Quantity | Percentage Considered | amount | Rate |
| 1 | Cement | qtl | 583.59 | 1.7200 | 100.00 | 1003.775 | <input type="text" value="583.59"/> |
| 2 | Screened and washed sharp sand for mortar | cum | 46.00 | 0.4800 | 100.00 | 22.080 | <input type="text" value="46.00"/> |
| 3 | Granite Stone broken metal 40mm. size- b) Hand broken. | cum | 544.00 | 0.9600 | 100.00 | 522.240 | <input type="text" value="544.00"/> |

click to save Changes   **Click to Cancel Changes**

- Enter local market rate in the Rate Field.
- Click on Update button to save particular item's changed Rate.
- Press Cancel button to go to Estimate Rate Analysis Screen.

6.2 Copy Analysis

| Estimate Number | | | | | | | |
|---------------------|--|---------|---------------|--------------|---------------|---------------------|----------------|
| 213/855/1 | | | | | | | |
| Measurement Details | | | | | | | |
| Sr. No. | Item Description | SR Year | Unit | SR Unit Rate | Copy Analysis | Edit Material Rates | Enter Analysis |
| 1 | 4-Cement concrete (1:4:8) with 4 cm size hard granite metal | 2017 | Cubic Meters | 0.00 | | | |
| 2 | 43.5.1-900mm equilateral triangle | 2017 | Each | 0.00 | | | |
| 3 | 6.1-Labour for fitting and fixing woven wire fencing with top line of barbed wire to the posts by means of staples and straining hooks. | 2017 | Meters | 0.00 | | | |
| 4 | 6.2-Labour for fixing old sal bullah including cost of nails after cutting to required sizes. | 2017 | RM | 0.00 | | | |
| 5 | 6.3-(e) 450mm dia R.C.C. pipe | 2017 | RM | 0.00 | | | |
| 6 | 3.1-l) In area of light jungle (AR-2006,P No-196 | 2017 | Square Meters | 5.41 | | | |
| 7 | 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 and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge per 100 cum. AR P NO- 01 | 2017 | Cubic Meters | 110.14 | | | |

Here any particular item rate of an estimate can be copied to this item with the help of copy icon.

Back

Click to go to Previous Screen

Copy Estimate Analysis Breakup

Fields marked with an asterisk * are required.

To Estimate Number: 213/855/1

To Item Code: 4

To Item Description: Cement concrete (1:4:8) with 4 cm size hard granite metal

Item Unit: cum

From Estimate Number *: 213/876/1

From Item *: 3-Providing 6mm thickness precast seal coat type B using

Click to Copy **Click to Clear the Fields**

- Select Estimate number.
- Select the item which you want to copy.
- Click on Copy button to Copy Estimate Analysis.
- Click Reset button to clear fields.
- Click on Back button to go to Estimate Analysis screen.

| Estimate Number | | | | | | | |
|---------------------|---|---------|--------------|--------------|---------------|---------------------|----------------|
| 213/855/1 | | | | | | | |
| Measurement Details | | | | | | | |
| Sr. No. | Item Description | SR Year | Unit | SR Unit Rate | Copy Analysis | Edit Material Rates | Enter Analysis |
| 1 | 4-Cement concrete (1:4:8) with 4 cm size hard granite metal | 2017 | Cubic Meters | 56.00 | | | |

We can see the SR unit rate copied from the Estimate Number that we had entered in 'Copy Estimate Analysis Breakup' Screen.

6.3 Enter Analysis

| Estimate Number 213/876/1 | | | | | | | |
|---------------------------|---|---------|--------------|--------------|---------------|---------------------|----------------|
| Measurement Details | | | | | | | |
| Sr. No. | Item Description | SR Year | Unit | SR Unit Rate | Copy Analysis | Edit Material Rates | Enter Analysis |
| 1 | 1.1-(i) Girth from 300 mm to 600 mm AR 2006 P No 195 | 2017 | Each | 229.02 | | | |
| 2 | 3-R.C.C. work of M-15 grade with 20mm & down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 49 | 2017 | Cubic Meters | 3949.38 | | | |
| 3 | 4-R.C.C. work of M-20 grade with 20mm & down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 50 | 2017 | Cubic Meters | 4436.84 | | | |
| 4 | 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 cubiccentimeter in road embankment respectively up to 3m./more than 3m. high and top 0.5m. below subgradelevel, 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 upto 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. | 2017 | Cubic Meters | 0.00 | | | |



Click to Enter Analysis

6.3.1 Add Labour

Back

Rate Analysis : Zone -Northern Zone

| Item Code | Item Description | Item Unit | Update Misc Charges | | | |
|-----------|--|-----------|---------------------|--|--|--|
| 1.1 | (i) Girth from 300 mm to 600 mm AR 2006 P No 195 | each | Update Misc Charges | | | |

Items List

| Item | Unit | Quantity | Item Rate (Rs per unit)/Percent | Percentage Considered(%) | Amount (Rs) | remarks | sort |
|--|------|----------|---------------------------------|--------------------------|-------------|----------------------|------|
| [A] Labour (2) | | | | | | | |
| Mate | days | 0.024 | 348 | 100 | 8.352 | | 1 |
| Male mulia | days | 0.6 | 308 | 100 | 184.8 | Mulia unskilled f... | 2 |
| | | 0.624 | | | 193.15 | | |
| [E] Machinery (1) | | | | | | | |
| Tractor | hrs | 0.1 | 200.87 | 100 | 20.087 | | 3 |
| | | 0.1 | | | 20.09 | | |
| [G] SR (1) | | | | | | | |
| Ramming or rolling earth work with light H.R.R. inembankm... | cum | 10 | 0.0% | 100 | 0 | | 6 |
| | | 10 | | | 0 | | |
| [I] Misc (1) | | | | | | | |
| Overhead Charges | X | | 7.5% | 100 | 15.7776 | | 4 |

Page 1 of 1 Displaying 1 - 5 of 5

Grand Total (For 1.00 each):: 229.02
Unit Amount:: 229.02

Click on Add Labour

| | |
|--|--|
| Chapter:* Labour | Quantity:* 5 |
| Category:* Skilled | Percent To Be Considered:* 100 |
| Item:* [29] - Stone dresser/ Cutter (Second class) | Rate:* 398.00 |
| Remarks: _____ | |

Click to Save

- Select Labour chapter and its underlying category.
- Select item from the list which gets populated from Schedule Rate.
- Labour Rate gets auto populated in accordance to the Labour Published Date that is selected from Estimate Master.
- Enter Quantity.
- Percentage rate by default is 100 and can be changed.
- Click on Submit button to save the record.

Back

Rate Analysis : Zone -Northern Zone

| Item Code | Item Description | Item Unit | Update Misc Charges |
|-----------|--|-----------|--|
| 1.1 | (i) Girth from 300 mm to 600 mm AR 2006 P No 195 | each | <input type="button" value="Update Misc Charges"/> |

Items List

| <input type="checkbox"/> | Item | Unit | Quantity | Item Rate (Rs per unit)/Percent | Percentage Considered(%) | Amount (Rs) | remarks | sort | |
|--|--|------|----------|---------------------------------|--------------------------|-------------|----------------------|------|--|
| <input type="checkbox"/> [A] Labour (3) | | | | | | | | | |
| <input type="checkbox"/> | Mate | days | 0.024 | 348 | 100 | 8.352 | | 1 | |
| <input type="checkbox"/> | Male mulia | days | 0.6 | 308 | 100 | 184.8 | Mulia unskilled f... | 2 | |
| <input type="checkbox"/> | Stone dresser/ Cutter (Second class) | days | 5 | 398 | 100 | 1990 | | 7 | |
| | | | 5.624 | | | 2183.15 | | | |
| <input type="checkbox"/> [E] Machinery (1) | | | | | | | | | |
| <input type="checkbox"/> | Tractor | hrs | 0.1 | 200.87 | 100 | 20.087 | | 3 | |
| | | | 0.1 | | | 20.09 | | | |
| <input type="checkbox"/> [G] SR (1) | | | | | | | | | |
| <input type="checkbox"/> | Ramming or rolling earth work with light H.R.R. inembankm... | cum | 10 | 0.0% | 100 | 0 | | 6 | |
| | | | 10 | | | 0 | | | |
| <input type="checkbox"/> [I] Misc (1) | | | | | | | | | |
| <input type="checkbox"/> | Overhead Charges | X | | 7.5% | 100 | 15.7776 | | 4 | |
| | | | 0 | | | 15.78 | | | |

Page 1 of 1

Displaying 1 - 6 of 6

Grand Total (For 1.00 each):: 2219.02
Unit Amount:: 2219.02

-
-
-
-
-
-
-
-

| | |
|---|---|
| Chapter:* <input type="text"/> | Quantity:* <input type="text"/> |
| Category:* <input type="text"/> | Percent To Be Considered:* <input type="text"/> |
| Item:* <input type="text"/> | Rate:* <input type="text"/> |
| | Remarks: <input type="text"/> |

After submit Labour details is now visible in Rate Analysis Screen.

6.3.2 Add Labour Miscellaneous

Back

Rate Analysis : Zone -Northern Zone

| Item Code | Item Description | Item Unit | Update Misc Charges | | | |
|-----------|--|-----------|---------------------|--|--|--|
| 1.1 | (i) Girth from 300 mm to 600 mm AR 2006 P No 195 | each | Update Misc Charges | | | |

Items List

| Item | Unit | Quantity | Item Rate (Rs per unit)/Percent | Percentage Considered(%) | Amount (Rs) | remarks | sort |
|--|------|----------|---------------------------------|--------------------------|-------------|----------------------|------|
| [A] Labour (3) | | | | | | | |
| Mate | days | 0.024 | 348 | 100 | 8.352 | | 1 |
| Male mulia | days | 0.6 | 308 | 100 | 184.8 | Mulia unskilled f... | 2 |
| Stone dresser/ Cutter (Second class) | days | 5 | 398 | 100 | 1990 | | 7 |
| | | 5.624 | | | 2183.15 | | |
| [E] Machinery (1) | | | | | | | |
| Tractor | hrs | 0.1 | 200.87 | 100 | 20.087 | | 3 |
| | | 0.1 | | | 20.09 | | |
| [G] SR (1) | | | | | | | |
| Ramming or rolling earth work with light H.R.R. inembankm... | cum | 10 | 0.0% | 100 | 0 | | 6 |
| | | 10 | | | 0 | | |
| [I] Misc (1) | | | | | | | |
| Overhead Charges | X | | 7.5% | 100 | 15.7776 | | 4 |
| | | 0 | | | 15.78 | | |

Page 1 of 1 Displaying 1 - 6 of 6

Grand Total (For 1.00 each):: 2219.02
Unit Amount:: 2219.02

Click to Add Labour Miscellaneous

Chapter: * Contractor Profit
 Percentage / Amount ? : Percentage Amount
 Percentage/Amount: * 7.5
 Remarks:

Click to Save

- Select Labour item from the list against which the labour miscellaneous will be calculated.
- Select chapter from the list.
- Click on Percentage or Amount radio button.
- Enter Percentage or Amount in the Field according to selected radio button.
- Click on Submit to save.
- Click on Cancel button to not save unwanted changes.

Back

Rate Analysis : Zone -Northern Zone

| Item Code | Item Description | Item Unit | Update Misc Charges |
|-----------|--|-----------|--|
| 1.1 | (i) Girth from 300 mm to 600 mm AR 2006 P No 195 | each | <input type="button" value="Update Misc Charges"/> |

Items List

| <input type="checkbox"/> | Item | Unit | Quantity | Item Rate (Rs per unit)/Percen | Percentage Considered(%) | Amount (Rs) | remarks | sort | |
|---|--|------|----------|--------------------------------|--------------------------|-------------|----------------------|------|--|
| <input type="checkbox"/> [A] Labour (3) | | | | | | | | | |
| <input type="checkbox"/> | Mate | days | 0.024 | 348 | 100 | 8.352 | | 1 | |
| <input type="checkbox"/> | Male mulia | days | 0.6 | 308 | 100 | 184.8 | Mulia unskilled f... | 2 | |
| <input checked="" type="checkbox"/> | Stone dresser/ Cutter (Second class) | days | 5 | 398 | 100 | 1990 | | 7 | |
| | | | 5.624 | | | 2183.15 | | | |
| <input type="checkbox"/> [B] Misc. Labour (1) | | | | | | | | | |
| <input type="checkbox"/> | Contractor Profit | X | | 7.5% | 100 | 149.25 | | 8 | |
| | | | 0 | | | 149.25 | | | |
| <input type="checkbox"/> [E] Machinery (1) | | | | | | | | | |
| <input type="checkbox"/> | Tractor | hrs | 0.1 | 200.87 | 100 | 20.087 | | 3 | |
| | | | 0.1 | | | 20.09 | | | |
| <input type="checkbox"/> [G] SR (1) | | | | | | | | | |
| <input type="checkbox"/> | Ramming or rolling earth work with light H.R.R. inembankm... | cum | 10 | 0.0% | 100 | 0 | | 6 | |
| | | | 10 | | | 0 | | | |
| <input type="checkbox"/> [I] Misc (1) | | | | | | | | | |
| <input type="checkbox"/> | Overhead Charges | X | | 7.5% | 100 | 15.7776 | | 4 | |
| | | | 0 | | | 15.78 | | | |

Page 1 of 1

Displaying 1 - 7 of 7

Grand Total (For 1.00 each):: 2368.27
Unit Amount:: 2368.27

| | | | | | | | |
|--|--|---|---|--|--|--|---|
| <input type="button" value="Add Labor"/> | <input type="button" value="Add Labor Miscellaneous"/> | <input type="button" value="Add Material"/> | <input type="button" value="Add Material Miscellaneous"/> | <input type="button" value="Add Machinery"/> | <input type="button" value="Add Machinery Miscellaneous"/> | <input type="button" value="Add SR Item"/> | <input type="button" value="Add Overhead Charges"/> |
| Chapter: * | <input type="text"/> | | | | | | |
| Percentage / Amount ?: | <input type="radio"/> Percentage | | | | | | |
| | <input type="radio"/> Amount | | | | | | |
| Percentage/Amount: * | <input type="text"/> | | | | | | |
| Remarks: | <input type="text"/> | | | | | | |

The contractor profit in labour miscellaneous is calculated with respect to the selected labour items i.e. 7.5% of 1990=149.25

6.3.3 Add Material

Back

Rate Analysis : Zone -Northern Zone

| Item Code | Item Description | Item Unit | Update Misc Charges | | | |
|-----------|--|-----------|---------------------|--|--|--|
| 1.1 | (i) Girth from 300 mm to 600 mm AR 2006 P No 195 | each | Update Misc Charges | | | |

Items List

| Item | Unit | Quantity | Item Rate (Rs per unit)/Percent | Percentage Considered(%) | Amount (Rs) | remarks | sort |
|---|------|----------|---------------------------------|--------------------------|-------------|----------------------|------|
| [A] Labour (3) | | | | | | | |
| <input type="checkbox"/> Mate | days | 0.024 | 348 | 100 | 8.352 | | 1 |
| <input type="checkbox"/> Male mulia | days | 0.6 | 308 | 100 | 184.8 | Mulia unskilled f... | 2 |
| <input checked="" type="checkbox"/> Stone dresser/ Cutter (Second class) | days | 5 | 398 | 100 | 1990 | | 7 |
| | | 5.624 | | | 2183.15 | | |
| [B] Misc. Labour (1) | | | | | | | |
| <input type="checkbox"/> Contractor Profit | X | | 7.5% | 100 | 149.25 | | 8 |
| | | 0 | | | 149.25 | | |
| [E] Machinery (1) | | | | | | | |
| <input type="checkbox"/> Tractor | hrs | 0.1 | 200.87 | 100 | 20.087 | | 3 |
| | | 0.1 | | | 20.09 | | |
| [G] SR (1) | | | | | | | |
| <input type="checkbox"/> Ramming or rolling earth work with light H.R.R. inembankm... | cum | 10 | 0.0% | 100 | 0 | | 6 |
| | | 10 | | | 0 | | |
| [I] Misc (1) | | | | | | | |
| <input type="checkbox"/> Overhead Charges | X | | 7.5% | 100 | 15.776 | | 4 |
| | | 0 | | | 15.78 | | |

Page 1 of 1 **Click to Add Material** Displaying 1 - 7 of 7

Grand Total (For 1.00 each):: 2368.27
Unit Amount:: 2368.27

| | |
|---|---|
| Chapter: * New Material | Quantity: * 10 |
| Category: * Material as per local market price | Percent To Be Considered: * 100 |
| Item: * [4] - Jhute rope 12mm dia including 5 wastage | Rate: * 500 |
| Remarks: _____ | |

Click to Save

- Select material chapter and its underlying category.
- Select Material item from the list which gets populated from Schedule of Rate.
- Enter Quantity.
- Percentage rate by default is 100 and can be changed.
- Material Rate gets populated as per schedule of rate.
- Click on Submit button to save the record.

6.3.4 Add Material Miscellaneous

Back

Rate Analysis : Zone -Northern Zone

| Item Code | Item Description | Item Unit | Update Misc Charges | |
|-----------|--|-----------|-------------------------------------|--|
| 1.1 | (i) Girth from 300 mm to 600 mm AR 2006 P No 195 | each | Update Misc Charges | |

Items List

| Item | Unit | Quantity | Item Rate (Rs per unit)/Perce | Percentage Considered(%) | Amount (Rs) | remarks | sort |
|--|------|----------|-------------------------------|--------------------------|-------------|----------------------|------|
| [A] Labour (3) | | | | | | | |
| Mate | days | 0.024 | 348 | 100 | 8.352 | | 1 |
| Male mulia | days | 0.6 | 308 | 100 | 184.8 | Mulia unskilled f... | 2 |
| Stone dresser/ Cutter (Second class) | days | 5 | 398 | 100 | 1990 | | 7 |
| | | 5.624 | | | 2183.15 | | |
| [B] Misc. Labour (1) | | | | | | | |
| Contractor Profit | X | | 7.5% | 100 | 149.25 | | 8 |
| | | 0 | | | 149.25 | | |
| [C] Material (1) | | | | | | | |
| Jhute rope 12mm dia including 5 wastage-Jhute rope 12m... | mtr | 10 | 500 | 100 | 5000 | | 9 |
| | | 10 | | | 5000 | | |
| [E] Machinery (1) | | | | | | | |
| Tractor | hrs | 0.1 | 200.87 | 100 | 20.087 | | 3 |
| | | 0.1 | | | 20.09 | | |
| [G] SR (1) | | | | | | | |
| Ramming or rolling earth work with light H.R.R. inembankm... | cum | 10 | 0.0% | 100 | 0 | | 6 |
| | | 10 | | | 0 | | |
| [I] Misc (1) | | | | | | | |
| Overhead Charges | X | | 7.5% | 100 | 15.7776 | | 4 |
| | | 0 | | | 15.78 | | |

Page 1 of 1 **Click on Material Miscellaneous** Displaying 1 - 8 of 8

Grand Total (For 1.00 each):: 7368.27
Unit Amount:: 7368.27

[Add Labor](#)
[Add Labor Miscellaneous](#)
[Add Material](#)
[Add Material Miscellaneous](#)
[Add Machinery](#)
[Add Machinery Miscellaneous](#)
[Add SR Item](#)
[Add Overhead Charges](#)

Chapter: *

Percentage / Amount ? : Percentage
 Amount

Percentage/Amount: *

Remarks:

- Select Material item from the material list against which the Material miscellaneous will be calculated.
- Select chapter from the list.
- Click on Percentage or Amount radio button.
- Enter Percentage or Amount in the Field according to the selected radio button.
- Click on Submit to save.
- By clicking Cancel button the data remains unchanged.

6.3.5 Add Machinery

Back

Rate Analysis : Zone -Northern Zone

| Item Code | Item Description | Item Unit | Update Misc Charges | |
|-----------|--|-----------|--|--|
| 1.1 | (i) Girth from 300 mm to 600 mm AR 2006 P No 195 | each | <input type="button" value="Update Misc Charges"/> | |

Items List

| <input type="checkbox"/> | Item | Unit | Quantity | Item Rate (Rs per unit)/Percen | Percentage Considered(%) | Amount (Rs) | remarks | sort | |
|---|--|------|----------|--------------------------------|--------------------------|-------------|----------------------|------|--|
| <input type="checkbox"/> [A] Labour (3) | | | | | | | | | |
| <input type="checkbox"/> | Mate | days | 0.024 | 348 | 100 | 8.352 | | 1 | |
| <input type="checkbox"/> | Male mulla | days | 0.6 | 308 | 100 | 184.8 | Mulia unskilled f... | 2 | |
| <input type="checkbox"/> | Stone dresser/ Cutter (Second class) | days | 5 | 398 | 100 | 1990 | | 7 | |
| | | | 5.624 | | | 2183.15 | | | |
| <input type="checkbox"/> [B] Misc. Labour (1) | | | | | | | | | |
| <input type="checkbox"/> | Contractor Profit | X | | 7.5% | 100 | 149.25 | | 8 | |
| | | | 0 | | | 149.25 | | | |
| <input type="checkbox"/> [C] Material (1) | | | | | | | | | |
| <input type="checkbox"/> | Jhute rope 12mm dia including 5 wastage-jhute rope 12m... | mtr | 10 | 500 | 100 | 5000 | | 9 | |
| | | | 10 | | | 5000 | | | |
| <input type="checkbox"/> [D] Misc. Material (1) | | | | | | | | | |
| <input type="checkbox"/> | Contractor Profit | X | | 7.5% | 100 | 375 | | 10 | |
| | | | 0 | | | 375 | | | |
| <input type="checkbox"/> [E] Machinery (1) | | | | | | | | | |
| <input type="checkbox"/> | Tractor | hrs | 0.1 | 200.87 | 100 | 20.087 | | 3 | |
| | | | 0.1 | | | 20.09 | | | |
| <input type="checkbox"/> [G] SR (1) | | | | | | | | | |
| <input type="checkbox"/> | Ramming or rolling earth work with light H.R.R. inembankm... | cum | 10 | 0.0% | 100 | 0 | | 6 | |
| | | | 10 | | | 0 | | | |
| <input type="checkbox"/> [I] Misc (1) | | | | | | | | | |
| <input type="checkbox"/> | Overhead Charges | X | | 7.5% | 100 | 15.776 | | 4 | |
| | | | 0 | | | 15.78 | | | |

Page 1 of 1 Displaying 1 - 9 of 9

Grand Total (For 1.00 each):: 7743.27
Unit Amount:: 7743.27

Chapter: *
Hire Charges Of Plants and Machinery

Category: *
Hire Charges Of Plants and Machinery

Item: *
[1.1] - Dozer D-50 -A 15 (Spreading)

Quantity: *
1

Percent To Be Considered: *
100

Rate: *
1592.17

Remarks:

Click On Add Machinery

Click to Submit

- Select machinery chapter and its underlying category.
- Select item from the list.
- Enter Quantity and Percentage.
- Click on submit button to save the record.
- Machinery Rate gets populated as per schedule of rate.

6.3.6 Add Machinery Miscellaneous

Back

Rate Analysis : Zone -Northern Zone

| Item Code | Item Description | Item Unit | Update Misc Charges | |
|-----------|--|-----------|---------------------|--|
| 1.1 | (i) Girth from 300 mm to 600 mm AR 2006 P No 195 | each | Update Misc Charges | |

Items List

| Item | Unit | Quantity | Item Rate (Rs per unit)/Percent | Percentage Considered(%) | Amount (Rs) | remarks | sort |
|--|------|----------|---------------------------------|--------------------------|-------------|----------------------|------|
| [A] Labour (3) | | | | | | | |
| Mate | days | 0.024 | 348 | 100 | 8.352 | | 1 |
| Male mulia | days | 0.6 | 308 | 100 | 184.8 | Mulia unskilled f... | 2 |
| Stone dresser/ Cutter (Second class) | days | 5 | 398 | 100 | 1990 | | 7 |
| | | 5.624 | | | 2183.15 | | |
| [B] Misc. Labour (1) | | | | | | | |
| Contractor Profit | X | | 7.5% | 100 | 149.25 | | 8 |
| | | 0 | | | 149.25 | | |
| [C] Material (1) | | | | | | | |
| Jhute rope 12mm dia including 5 wastage:Jhute rope 12m... | mtr | 10 | 500 | 100 | 5000 | | 9 |
| | | 10 | | | 5000 | | |
| [D] Misc. Material (1) | | | | | | | |
| Contractor Profit | X | | 7.5% | 100 | 375 | | 10 |
| | | 0 | | | 375 | | |
| [E] Machinery (2) | | | | | | | |
| Tractor | hrs | 0.1 | 200.87 | 100 | 20.087 | | 3 |
| Dozer D-50 -A 15-Dozer D-50 -A 15 (Spreading) | hrs | 1 | 1592.17 | 100 | 1592.17 | | 11 |
| | | 1.1 | | | 1612.26 | | |
| [G] SR (1) | | | | | | | |
| Ramming or rolling earth work with light H.R.R. inembankm... | cum | 10 | 0.0% | 100 | 0 | | 6 |
| | | 10 | | | 0 | | |
| [I] Misc (1) | | | | | | | |
| Overhead Charges | X | | 7.5% | 100 | 15.776 | | 4 |
| | | 0 | | | 15.78 | | |

Page 1 of 1 Displaying 1 - 10 of 10


Grand Total (For 1.00 each):: 9335.44
Unit Amount:: 9335.44


Chapter: *

Percentage / Amount ? : Percentage Amount

Percentage/Amount: *

Remarks:


 Click to add Machinery Miscellaneous Charge

Click to Submit 

- Select Machinery item from the list against which the Machinery miscellaneous will be calculated.
- Select chapter from the list.
- Click on Percentage or Amount radio button.
- Enter Percentage or Amount in the Field according to selected radio button.
- Click on Submit to save.
- Click on Cancel button to not save unwanted changes.

6.3.7 Add Overhead Charges

Back

Rate Analysis : Zone -Northern Zone

| Item Code | Item Description | Item Unit | Update Misc Charges | |
|-----------|--|-----------|--|--|
| 1.1 | (i) Girth from 300 mm to 600 mm AR 2006 P No 195 | each | <input type="button" value="Update Misc Charges"/> | |

Items List

| Item | Unit | Quantity | Item Rate (Rs per unit)/Percen | Percentage Considered(%) | Amount (Rs) | remarks | sort |
|---|------|----------|--------------------------------|--------------------------|-------------|----------------------|------|
| [A] Labour (3) | | | | | | | |
| <input type="checkbox"/> Mate | days | 0.024 | 348 | 100 | 8.352 | | 1 |
| <input type="checkbox"/> Male mulla | days | 0.6 | 308 | 100 | 184.8 | Mulla unskilled f... | 2 |
| <input type="checkbox"/> Stone dresser/ Cutter (Second class) | days | 5 | 398 | 100 | 1990 | | 7 |
| | | 5.624 | | | 2183.15 | | |
| [B] Misc. Labour (1) | | | | | | | |
| <input type="checkbox"/> Contractor Profit | X | | 7.5% | 100 | 149.25 | | 8 |
| | | 0 | | | 149.25 | | |
| [C] Material (1) | | | | | | | |
| <input type="checkbox"/> Jhute rope 12mm dia including 5 wastage-Jhute rope 12m... | mtr | 10 | 500 | 100 | 5000 | | 9 |
| | | 10 | | | 5000 | | |
| [D] Misc. Material (1) | | | | | | | |
| <input type="checkbox"/> Contractor Profit | X | | 7.5% | 100 | 375 | | 10 |
| | | 0 | | | 375 | | |
| [E] Machinery (2) | | | | | | | |
| <input type="checkbox"/> Tractor | hrs | 0.1 | 200.87 | 100 | 20.087 | | 3 |
| <input type="checkbox"/> Dozer D-50 -A 15-Dozer D-50 -A 15 (Spreading) | hrs | 1 | 1592.17 | 100 | 1592.17 | | 11 |
| | | 1.1 | | | 1612.26 | | |
| [F] Misc. Machinery (1) | | | | | | | |
| <input type="checkbox"/> Misc | X | | 2.0% | 100 | 31.8434 | | 12 |
| | | 0 | | | 31.84 | | |
| [G] SR (1) | | | | | | | |
| <input type="checkbox"/> Ramming or rolling earth work with light H.R.R. inembankm... | cum | 10 | 0.0% | 100 | 0 | | 6 |
| | | 10 | | | 0 | | |
| [I] Misc (1) | | | | | | | |
| <input type="checkbox"/> Overhead Charges | X | | 7.5% | 100 | 15.7776 | | 4 |
| | | 0 | | | 15.78 | | |

Page 1 of 1 Displaying 1 - 11 of 11


Grand Total (For 1.00 each):: 9367.28
Unit Amount: 9367.28


Chapter: *

Percentage / Amount ? : Percentage Amount

Percentage/Amount: *

Remarks:

 Click to Add OverHead Charge

Click To Submit 

- Select chapter from the list.
- Click on Percentage or Amount radio button.
- Enter Percentage or Amount in the Field according to selected radio button.
- Click on Submit to save.
- Click on Cancel button to not save unwanted changes.
- The Overhead Charges will be calculated on all Labour, Material and Machinery items present in the list.

Back

Rate Analysis : Zone -Northern Zone

| Item Code | Item Description | Item Unit | Update Misc Charges | |
|-----------|---|-----------|--|--|
| 1.1 | (I) Girth from 300 mm to 600 mm AR, 2006 P No 195 | each | <input type="button" value="Update Misc Charges"/> | |

Click

| Item | Unit | Quantity | Item Rate (Rs per unit)/Percent | Percentage Considered(%) | Amount (Rs) | remarks | sort |
|---|------|----------|----------------------------------|--------------------------|-------------|----------------------|------|
| [A] Labour (3) | | | | | | | |
| <input checked="" type="checkbox"/> Mate | days | 0.024 | 348 | 100 | 8.352 | | 1 |
| <input type="checkbox"/> Male mulia | days | 0.6 | <input type="text" value="398"/> | 100 | 184.8 | Mulia unskilled f... | 2 |
| <input type="checkbox"/> Stone dresser/ Cutter (Second class) | days | 5 | <input type="text" value="398"/> | 100 | 1990 | | 7 |
| | | 5.624 | | | 2183.15 | | |
| [B] Misc. Labour (1) | | | | | | | |
| <input type="checkbox"/> Contractor Profit | X | | 7.5% | 100 | 149.25 | | 8 |
| | | 0 | | | 149.25 | | |

Click to Edit Item

Click to Apply Changes

Click To Delete

- Select Item from the item list.
- Click on Update button to change selected item's rate.
- Click on Cancel button to not save unwanted changes.
- Any item can be removed with the help delete (⊗) Icon.
- Click on the 'Update Misc. Charges' button to update when any changes occurred in Miscellaneous Charges.
- Click on Back button to go to 'Estimate Rate Analysis' page.

7. Reports

By selecting [Estimates](#) -> [Reports](#), displays the reports like Detailed Report, Abstract Report...etc.



7.1. Detailed Estimate

By selecting [Estimates](#) -> [Reports](#) -> [Detailed Estimate](#), displays the “Detailed Estimate Report Screen”. This report screen is used to generate the detailed item wise calculation of the estimate.

Measurement Sheet

Estimate Number *

Show Export

Click to View Report
[Detailed Estimate](#)

Work Name : NA
 Office Name : Master Login (Current Division Office =Test Division) Estimate No. : 213/876/1

| Item Heading | Item Sub Heading | Typical | Unit | No. Of Items | Length | Breadth | Height/Depth | Quantity | Item Rate | Amount in Rs |
|--|------------------|---------|--------------|--------------|--------|---------|--------------|----------|-----------|--------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Item 1 (i) Girth from 300 mm to 600 mm AR 2006 P No 195 | | | | | | | | | | |
| inside wall | item1 | - | Each | 2.00 | 2.0000 | 2.0000 | 2.0000 | 16.0000 | | |
| Total : | | | | | | | | 16.0000 | 9849.80 | 157,596.80 |
| Item 2 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 upto 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. | | | | | | | | | | |
| inside wall | item1 | - | Cubic Meters | 3.00 | 4.0000 | 4.0000 | 3.0000 | 144.0000 | | |
| Total : | | | | | | | | 144.0000 | 0.00 | 0.00 |
| Item 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). AR-2006,P-01 | | | | | | | | | | |
| item new | item1 | .30*1 | Cubic Meters | - | - | - | - | 0.3000 | | |
| Total : | | | | | | | | 0.3000 | 99.55 | 29.86 |
| Grand Total Amount | | | | | | | | | | 157,626.66 |

- Click on Show button to view report.
- Click on Export button to download in pdf format.

7.2. Estimate Details

By selecting [Estimates -> Reports -> Estimate Details](#), displays the “Estimate Details Report Screen”. This report screen is used to generate the master data information of the estimate.

Estimate Details Report

Estimate Number * 213/876/1 Search Estimate No

Show Export

Click to view Report

Estimate Details Report

Office Name : [Master Login \(Current Division Office =Test Division\)](#)

| <u>Sr. No.</u> | <u>Estimate Number</u> | <u>Design and Scope</u> | <u>Estimate For</u> | <u>Estimate Date</u> | <u>SR Year</u> | <u>Amount</u> |
|----------------|------------------------|--------------------------------|---------------------|----------------------|----------------|---------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | 213/876/1 | DESIGN OF A ROAD AND THE SCOPE | Roads | 05-May-2021 | 2017 | 156,066.05 |

[Section Officer](#)
[Master Login \(Current Division\)](#)

[Sub Division Officer](#)
[Master Login \(Current Division\)](#)

[Executive Engineer](#)
[Master Login \(Current Division\)](#)

- Click on Show button to view report.
- Click on Export button to download in pdf format.

7.3. Rate Analysis

By selecting [Estimates](#) -> [Reports](#) -> [Rate Analysis](#), displays the “Rate Analysis Report Screen”. This report screen is used to generate the detailed Rate Analysis for all Labour, Material and Machinery related Schedule of Rate items.

Rate Analysis

Estimate Number * 213/876/1 Search Estimate No

Show Export Click to Download

Click to view

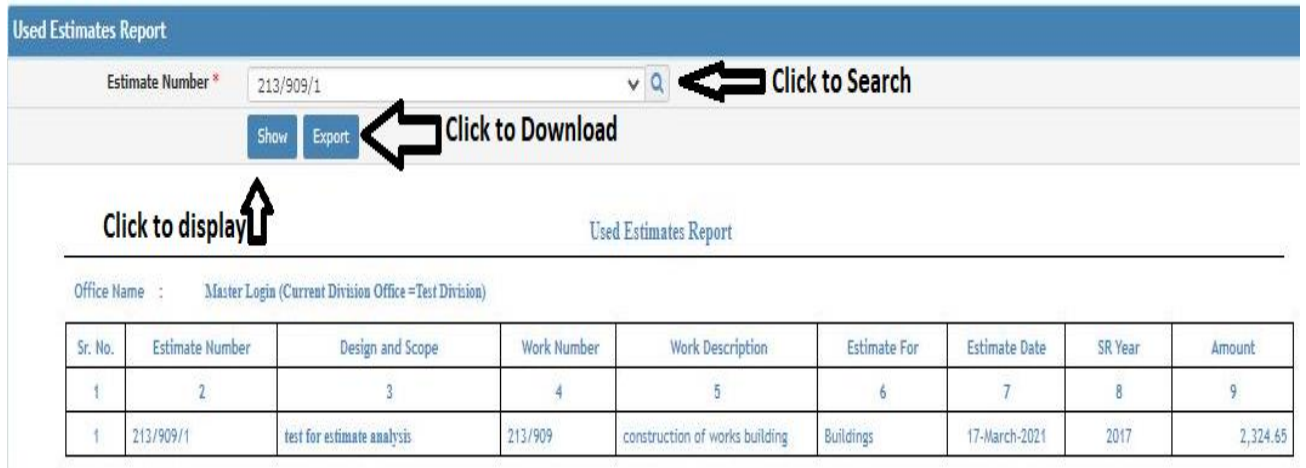
ANALYSIS OF RATES

| Work Name : | | NA | | | | | |
|--|-----------|------------------|------|----------------|----------|--------------|----------------|
| Office Name : | | NA | | Estimate No. : | | NA | |
| Sr.No. | Item Code | Item Description | Unit | Rate Rs. | Quantity | % Considered | Amount (Rs.) |
| Chapter : Earthwork | | | | | | | |
| Category : Earthwork | | | | | | | |
| SR Code : 1.3 | | | | | | | |
| Description : Earth work in ordinary soil in embankment, roads,etc. within 50m. initial lead and 1.5m. | | | | | | | Unit : cum |
| (a) Labour | | | | | | | |
| 1 | 58 | Male mulia | days | 308.00 | 16.0000 | 100.00 | 4928.00 |
| 2 | 59 | Female mulia | days | 308.00 | 16.0000 | 100.00 | 4928.00 |
| Total: | | | | | | | 9856.00 |
| Grand Total (for 100.00 cum.): | | | | | | | 9856.00 |
| Unit Total (a): | | | | | | | 98.56 |
| Total Lead Charges (b): | | | | | | | 0.00 |
| Total Royalty Charges (c): | | | | | | | 0.00 |
| Total d = (a+b+c): | | | | | | | 98.56 |
| Add Cess e = @1% on (a+b+c) | | | | | | | 0.99 |

- Click on Show button to view report.
- Click on Export button to download in pdf format.

7.4. Used Estimates

By selecting [Estimates](#) -> [Reports](#) -> [Used Estimates](#), displays the “Used Estimates Report Screen”. This report screen is used to generate the master data information of the estimate.



The screenshot shows the 'Used Estimates Report' interface. At the top, there is a search bar for 'Estimate Number *' with the value '213/909/1' and a search icon. An arrow points to the search icon with the text 'Click to Search'. Below the search bar are two buttons: 'Show' and 'Export'. An arrow points to the 'Export' button with the text 'Click to Download'. Below the buttons, there is a 'Click to display' annotation with an arrow pointing to the 'Show' button. The main content area displays the report title 'Used Estimates Report' and the office name 'Master Login (Current Division Office = Test Division)'. Below this is a table with the following data:

| Sr. No. | Estimate Number | Design and Scope | Work Number | Work Description | Estimate For | Estimate Date | SR Year | Amount |
|---------|-----------------|----------------------------|-------------|--------------------------------|--------------|---------------|---------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 213/909/1 | test for estimate analysis | 213/909 | construction of works building | Buildings | 17-March-2021 | 2017 | 2,324.65 |

- Click on Show button to view report.
- Click on Export button to download in pdf format.

7.5. Lead Statement

By selecting [Estimates](#) -> [Reports](#) -> [Lead Statement](#), displays the “Lead Statement Report Screen”. This report screen is used to generate the detailed list of the materials utilized in the work along with its lead cost, distance and rate.

Lead Statement

Estimate Number * **Click to Search Estimate No**

Click to Download

Click to View Report

| | | | |
|---------------|----------------------------|----------------|-----------|
| Work Name : | 213/891-Road Work Test- Na | | |
| Office Name : | Test Division | Estimate No. : | 213/891/1 |

| Sr No | Name of the Materials | Quarry Name | Unit | Lead | Lead Cost | Basic Rate | Total |
|-------|-----------------------|-------------|------|--------|-----------|------------|-----------|
| 1 | Steel a) Mild Steel | Rourkela | qtl | 200.00 | 1580.57 | 54483.87 | 56,064.44 |

Junior Engineer Assistant Executive Engineer Executive Engineer

Test SubDivision Test Division Test Division

- Click on Show button to view report.
- Click on Export button to download in pdf format.


7.6. General Abstract

By selecting [Estimates -> Reports ->General Abstract](#), displays the “General Abstract Report Screen”.This report screen is used to generate the Abstract category list along with the calculation of Contingency, Quality Control and GST charges.

General Abstract Report

Estimate Number * **Click to Search**

Click to Download

Click to View Report 

General Abstract

| | | | |
|---------------|----|----------------|----|
| Work Name : | NA | | |
| Office Name : | NA | Estimate No. : | NA |

| Sr No. | Part Name | Amount (Rs) |
|--------------------------------|--|-------------|
| 1 | H.P.C Culvert - 300mm Single Row | 157,596.80 |
| 2 | H.P.C Culvert - 900mm four Row | 0.00 |
| 3 | Slab Culvert - 2.0 m x 2.5m R.C.C SLAB 1Span | 29.86 |
| Total Cost | | 157,626.66 |
| Add for Contingency @ 0.0% | | 0.00 |
| Add for Quality Control @ 0.0% | | 0.00 |
| Grand Total | | 157,626.66 |
| Add for GST @ 0.0% | | 0.00 |
| Say | | 157,626.66 |

Junior Engineer Assistant Executive Engineer Executive Engineer

- Click on Show button to view report.
- Click on Export button to download in pdf format.

Estimate Process Flow

1. Section Officer (Junior Engineer) Measurement Screen

After logging in Section Officer clicks on Estimate Module ESTIMATES => Estimate => Measurements

IMPORTANT/PLEASE NOTE:

1. Please Click on Calculate Lead Charges button before Finalizing the estimate to update the lead charges.
2. Please Add Lead Coefficient and Estimate Distance for Calculation of Lead Charges.
3. Once estimate is finalized, No. changes can be done.
4. The Total Amount shown below does not include regularization charges.
5. Scale Charges deduct from rate proposed. To calculate SCADA Charges checked the checkbox and set percent at last of list.
6. After finalizer, you cannot transfer estimate.

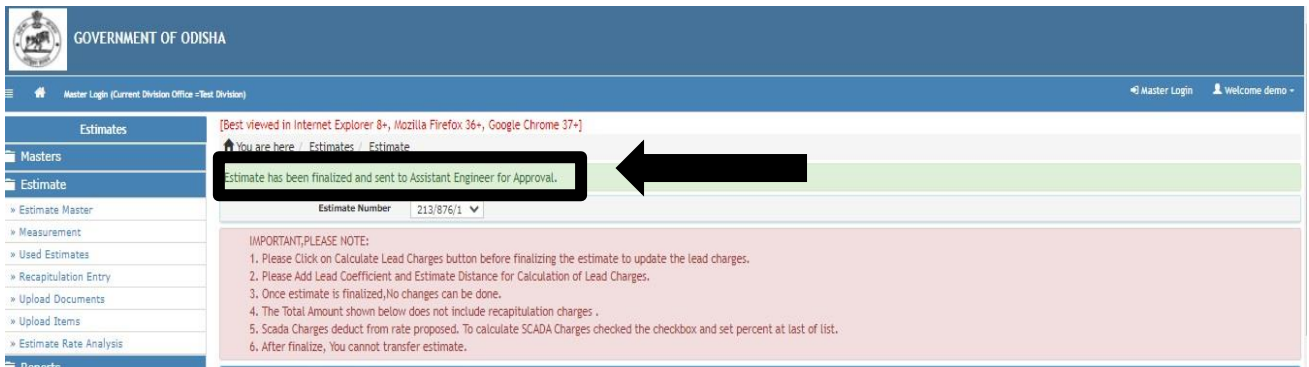
| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Item Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
|---------|-----------|----------------|--|--------------|-------------------|--------------|----------|---------------|---------------------|----------|--------------------|-------------------|-------------------|--------------------------|--------|
| 1 | 1.00 | Site Clearance | 1-Cutting of trees, including cutting of stumps, branches and removal of stumps, roots, stacking of servicable material with all lifts and up to a lead of 1000 metres and earth filling in the depression (if). | | | 1.00 1.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑️ |
| 2 | 1.01 | Site Clearance | 1-1 to Grch from 300 mm to 600 mm AR 2006 P No 195 | Cash | | 1.01 1.01 | 16.0 | 9,849.80 | 157,596.80 | 1 | + | ≡ | ✎ | + | 🗑️ |
| 3 | 4.00 | R.C.C. Works | 3-R.C.C. work of M-15 grade with 20mm B down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 49 | Cubic Meters | | 4.00 4.00 | 0.0 | 5,968.47 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑️ |
| 4 | 5.00 | R.C.C. Works | 4-R.C.C. work of M-20 grade with 20mm B down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 50 | Cubic Meters | | 5.00 5.00 | 0.0 | 41,554.52 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑️ |
| 5 | 6.00 | Earthwork | 1-Earth work in ordinary soil | | | 6.00 6.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑️ |
| 6 | 6.01 | Earthwork | 1-4 Earth work in ordinary soil in embankment, roads, etc. maximum laboratory dry density not less than 1.44gms./1.52gms./1.35gms. pi | Cubic Meters | | 6.01 6.01 | 144.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑️ |
| 7 | 6.02 | Earthwork | 1-3 Earth work in ordinary soil in embankment, roads, etc. within 50m, initial lead and 1.5m. | Cubic Meters | | 6.02 6.02 | 0.3 | 99.55 | 29.86 | 1 | + | ≡ | ✎ | + | 🗑️ |
| 8 | 7.00 | Non-SR | 10-LABOUR FOR SHIFTING HOUSE HOLD MATERIAL (Non SR) | Numbers | | 7.00 7.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑️ |
| 9 | 0 | | Quality Charges | | | 0 | | | 0.00 | 1 | + | ≡ | ✎ | + | 🗑️ |
| 10 | 0 | | Royalty Charges | | | 0 | | | 6,160.00 | 1 | + | ≡ | ✎ | + | 🗑️ |
| 11 | 0 | | Servicable Cost | | | 0 | | | 0.00 | 1 | + | ≡ | ✎ | + | 🗑️ |
| | | | | | | | | | Total Amount : | | | | | | |
| | | | | | | | | | GST Charges (12%) : | | | | | | |
| | | | | | | | | | | | | | | | |

Buttons at the bottom: Add SR Items, Add Parent Items, Add Non SR Item, Calculate Lead Charges, Quality Charges, Add Servicable Item, Transfer Estimate, Finalize Measurements, Sendback Measurements.

- Since the Estimate is prepared by Section Officer so, initially Section Officer finalizes the Estimate data.
- Now Section Officer will finalize the Estimate by clicking “Finalize measurements”.

Buttons at the bottom: Add SR Items, Add Parent Items, Add Non SR Item, Calculate Lead Charges, Quality Charges, Add Servicable Item, Transfer Estimate, **Finalize Measurements**.

- Finalisation Button is at the bottom of measurement table.
- After section officer finalize the estimate, it gets forwarded to sub division officer.



A message will get displayed as shown above in the Fig. as **“Estimate has been finalized and sent to Sub-Division Officer”**.

2. Sub-division officer(Assistant Executive Engineer) Measurement Screen:

After logging in Sub-Division Officer clicks on Estimate Module **ESTIMATES => Estimate=> Measurements.**

| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
|---------|-----------|----------------|--|--------------|-------------------------------------|--------------|----------|---------------|------------|----------|--------------------|-------------------|-------------------|--------------------------|--------|
| 1 | 1.00 | Site Clearance | 1-Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression/pit. | -- | <input checked="" type="checkbox"/> | 1.00 1.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 2 | 1.01 | Site Clearance | 1.1-(i) Girth from 300 mm to 600 mm AR 2006 P No 195 | Each | <input checked="" type="checkbox"/> | 1.01 1.01 | 16.0 | 9,849.80 | 157,596.80 | 1 | + | ≡ | ✎ | + | 🗑 |
| 3 | 4.00 | R.C.C. Works | 3-R.C.C. work of M-15 grade with 20mm 6 down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 49 | Cubic Meters | <input checked="" type="checkbox"/> | 4.00 4.00 | 0.0 | 5,968.47 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 4 | 5.00 | R.C.C. Works | 4-R.C.C. work of M-20 grade with 20mm 6 down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 50 | Cubic Meters | <input checked="" type="checkbox"/> | 5.00 5.00 | 0.0 | 41,554.52 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 5 | 6.00 | Earthwork | 1-Earth work in ordinary soil | -- | <input checked="" type="checkbox"/> | 6.00 6.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 6 | 6.01 | Earthwork | 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. pi | Cubic Meters | <input checked="" type="checkbox"/> | 6.01 6.01 | 144.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 7 | 6.02 | Earthwork | 1.3-Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. | Cubic Meters | <input checked="" type="checkbox"/> | 6.02 6.02 | 0.3 | 99.55 | 29.86 | 1 | + | ≡ | ✎ | + | 🗑 |
| 8 | 7.00 | Non-SR | 10-LABOUR FOR SHIFTING HOUSE HOLD MATERIAL (Non SR) | Numbers | <input checked="" type="checkbox"/> | 7.00 7.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 9 | 0 | | Quality Charges | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 10 | 0 | | Royalty Charges | | <input checked="" type="checkbox"/> | 0 | | | 6,160.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 11 | 0 | | Serviceable Cost | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |


Total Amount : 150066.05
GST Charges (12%) : 18727.93
174793.98

- Sub-Division Officer Login screen is same as Section Officer Screen. Here Sub-Division Officer can now Add, Edit, Delete and customizes any data in the measurement screen.
- After Sub-Division Officer verifies the data in measurements field He / She can now finalize the current data available at his/her Login which will further gets forward to Estimator.

- Sub-Division Officer also have an option of sending back the estimate to previous level i.e Section Officer.

| | | |
|---------------------|--------------------|--|
| 120006.05 | DELETE All Items : | |
| Total Amount : | 156066.05 | |
| GST Charges (12%) : | 18727.93 | |
| | 174793.98 | |

Add Lead Distance [A](#)


GOVERNMENT OF ODISHA

[Master Login](#) (Current Division Office -Test Division)

[Master Login](#)
Welcome demo

Estimates

[Estimate](#)

- » Measurement
- » Estimate Details

[Reports](#)

[Best viewed in Internet Explorer 8+, Mozilla Firefox 36+, Google Chrome 37+]

You are here / Estimates / Estimate

Estimate has been finalized and sent to Estimator for Approval.

Estimate Number

IMPORTANT,PLEASE NOTE:
 1. Please Click on Calculate Lead Charges button before finalizing the estimate to update the lead charges.
 2. Please Add Lead Coefficient and Estimate Distance for Calculation of Lead Charges.
 3. Once estimate is finalized,No changes can be done.
 4. The Total Amount shown below does not include recapitulation charges .
 5. Scada Charges deduct from rate proposed. To calculate SCADA Charges checked the checkbox and set percent at last of list.
 6. After finalize, You cannot transfer estimate.

Transferred message will be displayed once it gets finalized from Sub-Division Officer as **“Estimate has been finalised and sent to Estimator”**

OR

If Sub-Division Officer sends back to the previous level the message displays as **“Estimate has been sent back to Section office”**

3. Estimator Measurement Screen:

After logging in Estimator clicks on Estimate Module **ESTIMATES => Estimate=> Measurements**

IMPORTANT PLEASE NOTE:

- Please Click on Calculate Lead Charges button before finalizing the estimate to update the lead charges.
- Please Add Lead Coefficients and Estimate Distance for Calculation of Lead Charges.
- Once estimate is finalized, No charges can be done.
- The Total amount shown below does not include recapitulation charges.
- Scada Charges deduct from rate proposed. To calculate SCADA Charges checked the checkbox and set percent at last of list.
- After finalize, You cannot transfer estimate.

| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
|---------|-----------|----------------|---|--------------|-------------------------------------|--------------|----------|---------------|------------|----------|--------------------|-------------------|-------------------|--------------------------|--------|
| 1 | 1.00 | Site Clearance | 1-Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression/pt. | ... | <input checked="" type="checkbox"/> | 1.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | ✕ |
| 2 | 1.01 | Site Clearance | 1.1-(i) Garth from 300 mm to 600 mm AR 2006 P No 195 | Each | <input checked="" type="checkbox"/> | 1.01 | 18.0 | 9,849.80 | 157,296.80 | 1 | + | ≡ | ✎ | + | ✕ |
| 3 | 4.00 | R.C.C. Works | 3-R.C.C. work of M-15 grade with 20mm Ø down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 49 | Cubic Meters | <input checked="" type="checkbox"/> | 4.00 | 0.0 | 5,968.47 | 0.00 | 1 | + | ≡ | ✎ | + | ✕ |
| 4 | 5.00 | R.C.C. Works | 4-R.C.C. work of M-20 grade with 20mm Ø down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 50 | Cubic Meters | <input checked="" type="checkbox"/> | 5.00 | 0.0 | 41,354.52 | 0.00 | 1 | + | ≡ | ✎ | + | ✕ |
| 5 | 6.00 | Earthwork | 1-Earth work in ordinary soil | ... | <input checked="" type="checkbox"/> | 6.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | ✕ |
| 6 | 6.01 | Earthwork | 1.4 Earth work in ordinary soil in embankment onroad, etc. maximum laboratory dry density not less than 1.44gms./1.52gms./1.65gms. pt | Cubic Meters | <input checked="" type="checkbox"/> | 6.01 | 144.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | ✕ |
| 7 | 6.02 | Earthwork | 1.3 Earth work in ordinary soil in embankment, road, etc. within 50m. initial lead and 1.5m. | Cubic Meters | <input checked="" type="checkbox"/> | 6.02 | 0.3 | 99.55 | 29.86 | 1 | + | ≡ | ✎ | + | ✕ |
| 8 | 7.00 | Non-SR | 10-LABOUR FOR SHIFTING HOUSE HOLD MATERIAL (Non SR) | Numbers | <input checked="" type="checkbox"/> | 7.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | ✕ |
| 9 | 0 | | Quality Charges | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ≡ | ✎ | + | ✕ |
| 10 | 0 | | Royalty Charges | | <input checked="" type="checkbox"/> | 0 | | | 6,160.00 | 1 | + | ≡ | ✎ | + | ✕ |
| 11 | 0 | | Serviceable Cost | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ≡ | ✎ | + | ✕ |

Summary Totals:

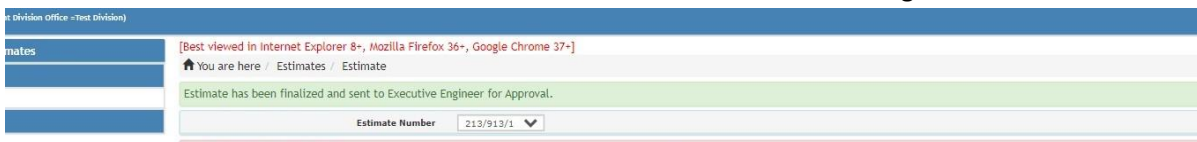
| | |
|---------------------|-----------|
| Total Amount : | 156066.05 |
| GST Charges (12%) : | 18727.93 |
| | 174793.98 |

- The Estimator Login screen displays the same as Sub-Division Officer Screen. Here Estimator can now Add, Edit, Delete and customizes any data in the measurement screen.
- After Estimator verifies the data in measurements field he / she can now finalize the current data available at his/her Login which will further gets forward to Division Officer (Executive Engineer).
Or else if it's needed to send back the estimate to the Sub Division he/she can simply click on Sendback Measurements.

| | |
|---------------------|-----------|
| Total Amount : | 156066.05 |
| GST Charges (12%) : | 18727.93 |
| | 174793.98 |

Buttons: Add SR Items, Add Parent Items, Add Non SR Item, Calculate Lead Charges, Quality Charges, Add Serviceable Item, Transfer Estimate, **Finalize Measurements**, **Sendback Measurements**

Finalize Button and send back button for Estimator as shown in the Fig. above.



The above Fig. shown is the message popped after Estimator finalizes the measurements as **“Estimate has been Finalised and sent to Executive Engineer”**

4. Division Officer(Executive Engineer Measurement) Screen:

After Logging in Executive Engineer clicks on Estimate Module as follows ESTIMATES => Estimate=> Measurements.

The screenshot displays the 'Estimate' module interface. At the top, there is a navigation menu with 'Estimate' selected. Below the menu, there is a header area with the text 'You are here / Estimates / Estimate' and a dropdown menu for 'Estimate Number' set to '213/176/1'. A prominent red box contains an 'IMPORTANT PLEASE NOTE' with six instructions regarding the calculation and finalization of estimates. The main part of the screen is a table titled 'Measurement Details' with columns for Sr. No., Order No., Chapter Name, Item Description, Unit, Edit Items Details, Order Number, Quantity, Rate Proposed, Amount, Sub Item, Enter Measurements, View Measurements, Edit Measurements, Add Material Coefficient, and Delete. The table lists 11 items, including Site Clearance, R.C.C. Works, Earthwork, and Non-SR items. At the bottom right, there is a summary table showing 'Total Amount : 156066.05', 'GST Charges (12%) : 18727.93', and a total of 174793.98. Below the table, there are several buttons: 'Add SR Item', 'Add Parent Item', 'Add Non SR Item', 'Calculate Lead Charges', 'Quality Charges', 'Add Serviceable Item', 'Transfer Estimate', 'Finalize Measurements', and 'Sendback Measurements'.

| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
|---------|-----------|----------------|--|--------------|-------------------------------------|--------------|----------|---------------|------------|----------|--------------------|-------------------|-------------------|--------------------------|--------|
| 1 | 1.00 | Site Clearance | 1-Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression (lit). | -- | <input checked="" type="checkbox"/> | 1.00 1.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ↗ | + | 🗑 |
| 2 | 1.01 | Site Clearance | 1.1-(i) Girth from 300 mm to 600 mm AR 2006 P No 195 | Each | <input checked="" type="checkbox"/> | 1.01 1.01 | 14.0 | 9,849.80 | 137,596.80 | 1 | + | ≡ | ↗ | + | 🗑 |
| 3 | 4.00 | R.C.C. Works | 3-R.C.C. work of M-15 grade with 20mm 8 down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 49 | Cubic Meters | <input checked="" type="checkbox"/> | 4.00 4.00 | 0.0 | 5,968.47 | 0.00 | 1 | + | ≡ | ↗ | + | 🗑 |
| 4 | 5.00 | R.C.C. Works | 4-R.C.C. work of M-20 grade with 20mm 8 down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 50 | Cubic Meters | <input checked="" type="checkbox"/> | 5.00 5.00 | 0.0 | 41,554.52 | 0.00 | 1 | + | ≡ | ↗ | + | 🗑 |
| 5 | 6.00 | Earthwork | 1-Earth work in ordinary soil. | -- | <input checked="" type="checkbox"/> | 6.00 6.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ↗ | + | 🗑 |
| 6 | 6.01 | Earthwork | 1.6 Earth work in ordinary soil in embankment, roads, etc. maximum laboratory dry density not less than 1.4Mgms./1.52gms./1.65gms./ft | Cubic Meters | <input checked="" type="checkbox"/> | 6.01 6.01 | 144.0 | 0.00 | 0.00 | 1 | + | ≡ | ↗ | + | 🗑 |
| 7 | 6.02 | Earthwork | 1.3 Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. | Cubic Meters | <input checked="" type="checkbox"/> | 6.02 6.02 | 0.3 | 99.55 | 29.86 | 1 | + | ≡ | ↗ | + | 🗑 |
| 8 | 7.00 | Non-SR | 10-LABOUR FOR SHIFTING HOUSE HOLD MATERIAL (Non SR) | Numbers | <input checked="" type="checkbox"/> | 7.00 7.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ↗ | + | 🗑 |
| 9 | 0 | | Quality Charges | | <input checked="" type="checkbox"/> | 0 | | 0.00 | 0.00 | 1 | + | ≡ | ↗ | + | 🗑 |
| 10 | 0 | | Royalty Charges | | <input checked="" type="checkbox"/> | 0 | | 6,140.00 | 6,140.00 | 1 | + | ≡ | ↗ | + | 🗑 |
| 11 | 0 | | Serviceable Cost | | <input checked="" type="checkbox"/> | 0 | | 0.00 | 0.00 | 1 | + | ≡ | ↗ | + | 🗑 |

- The Executive Engineer Login screen displays Estimate after searching the respective work no. Here Executive Engineer can now Add, Edit, Delete and customize any data in the measurement Data.

- After Executive Engineer Customizes the data in measurements field He / She can now have three options available at his/her level.

- Whether He/ She wants to transfer the Estimate to Circle Office which is Superintendent Engineer by Clicking Transfer Estimate.

OR

- If He / she wants to finalize the Estimate within him/her then simply by clicking the Finalize button available at the bottom of Estimate table the estimate gets finalized.

OR

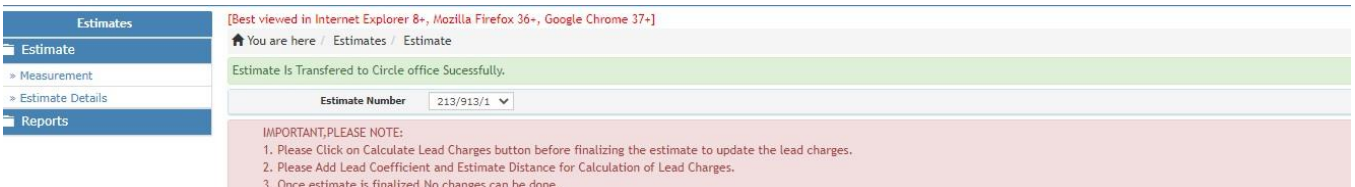
- If He/she wants to send back the estimate to previous authority then by clicking Send back Estimate it goes backward to the Estimator.

- Once Estimate gets finalized or gets transferred Executive Engineer cannot customize the measurement data.



The above figure shows the Options available for Executive Engineer whether to transfer or finalize or Send back.

- If the Executive Engineer Transfers the estimate then it will get transferred to Superintendent Engineer.



The above Fig. shows a message pop up after EE finalizes the Estimate to Superintendent Engineer which is the circle office as

“Estimate is transferred to Circle office successfully”

5. Circle Officer (Superintendent Engineer) Measurement Screen:

After Logging in Superintendent Engineer clicks on Estimate Module as follows **ESTIMATES => Estimate=> Measurements.**

| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
|---------|-----------|----------------|---|--------------|-------------------------------------|--------------|----------|---------------|------------|----------|--------------------|-------------------|-------------------|--------------------------|--------|
| 1 | 1.00 | Site Clearance | 1-Cutting of trees, including cutting of stunks, branches and removal of stumps, roots, stacking of serviceable material with all site and up to a lead of 1000 metres and earth filling in the depression/pit. | -- | <input checked="" type="checkbox"/> | 1.00 1.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✓ | + | ⊗ |
| 2 | 1.01 | Site Clearance | 1.1-(i) Garb from 300 mm to 600 mm AR 2006 P No 195 | Each | <input checked="" type="checkbox"/> | 1.01 1.01 | 16.0 | 9,849.80 | 157,596.80 | 1 | + | ≡ | ✓ | + | ⊗ |
| 3 | 4.00 | R.C.C. Works | 3.R.C.C. work of M-15 grade with 20mm & down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 49 | Cubic Meters | <input checked="" type="checkbox"/> | 4.00 4.00 | 0.0 | 5,968.47 | 0.00 | 1 | + | ≡ | ✓ | + | ⊗ |
| 4 | 5.00 | R.C.C. Works | 4.R.C.C. work of M-20 grade with 20mm & down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 50 | Cubic Meters | <input checked="" type="checkbox"/> | 5.00 5.00 | 0.0 | 41,554.52 | 0.00 | 1 | + | ≡ | ✓ | + | ⊗ |
| 5 | 6.00 | Earthwork | 1-Earth work in ordinary soil | -- | <input checked="" type="checkbox"/> | 6.00 6.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✓ | + | ⊗ |
| 6 | 6.01 | Earthwork | 1.4-Earth work in ordinary soil in embankment, roads, etc. maximum Laboratory dry density not less than 1.44gms./1.52gms./1.65gms. pt | Cubic Meters | <input checked="" type="checkbox"/> | 6.01 6.01 | 144.0 | 0.00 | 0.00 | 1 | + | ≡ | ✓ | + | ⊗ |
| 7 | 6.02 | Earthwork | 1.3-Earth work in ordinary soil in embankment, roads, etc. within 50m. Initial lead and 1.5m. | Cubic Meters | <input checked="" type="checkbox"/> | 6.02 6.02 | 0.3 | 99.55 | 29.86 | 1 | + | ≡ | ✓ | + | ⊗ |
| 8 | 7.00 | Non-SR | 10 LABOUR FOR SHIFTING HOUSE HOLD MATERIAL (Non SR) | Numbers | <input checked="" type="checkbox"/> | 7.00 7.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✓ | + | ⊗ |
| 9 | 0 | | Quality Charges | | <input checked="" type="checkbox"/> | 9 | | 0.00 | 0.00 | 1 | + | ≡ | ✓ | + | ⊗ |
| 10 | 0 | | Royalty Charges | | <input checked="" type="checkbox"/> | 10 | | 6,140.00 | 0.00 | 1 | + | ≡ | ✓ | + | ⊗ |
| 11 | 0 | | Serviceable Cost | | <input checked="" type="checkbox"/> | 11 | | 0.00 | 0.00 | 1 | + | ≡ | ✓ | + | ⊗ |

15886.85 Delete All Items:

Total Amount: 156066.05
GST Charges (12%): 18722.93
174793.98

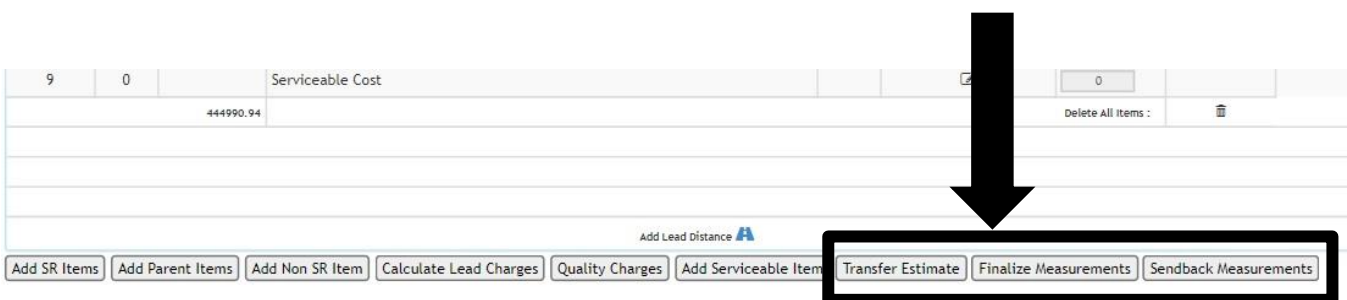
- The Superintendent Engineer Login screen displays Measurement data after searching the respective work no. Here Superintendent Engineer can now Add, Edit, Delete and customize any data in the measurement Data.
- After Superintendent Engineer verifies the data in measurements field He / She can now have three options enabled within the user Id.
 1. Whether He/ She wants to transfer the Estimate to the Controlling office which is Chief Engineer or EIC by Clicking Transfer Estimate.

OR

 2. If He / she wants to finalize the Estimate within him/her then simply by clicking the Finalize button available at the bottom of Measurement Data table the estimate gets finalized.

OR

 3. If He/she wants to send back the Estimate to Division Office authority then by clicking Send back measurement it goes backward to the previous level.
- The process flow is same as Executive Engineer.
- Once the Estimate gets finalized or gets transferred Superintendent Engineer cannot customize the data on his/her login



The above figure shows the Options available for Superintendent Engineer whether to transfer or finalize or Send back.

6. Chief Engineer Measurement Screen:

After Logging in chief Engineer clicks on Estimate Module as follows ESTIMATES => Estimate=> Measurements

The screenshot displays the 'Estimate' module interface. At the top, there is a navigation menu with 'Estimate', 'Measurement', 'Estimate Details', and 'Reports'. The main content area shows an 'Estimate Number' of 213/876/1. Below this is an 'IMPORTANT PLEASE NOTE' section with six instructions regarding lead charges, finalization, and SCADA charges. The central part of the screen is a table titled 'Measurement Details' with columns for Sr. No., Order No., Chapter Name, Item Description, Unit, Edit Items Details, Order Number, Quantity, Rate Proposed, Amount, Sub Item, Enter Measurements, View Measurements, Edit Measurements, Add Material Coefficient, and Delete. The table contains 11 rows of measurement items, including site clearance, R.C.C. works, earthwork, and quality charges. At the bottom right, there is a summary table showing 'Total Amount: 156066.05', 'GST Charges (12%): 18727.93', and a total of 174793.98. A row of buttons at the very bottom includes 'Add SR Items', 'Add Parent Items', 'Add Non SR Item', 'Calculate Lead Charges', 'Quality Charges', 'Add Serviceable Item', 'Transfer Estimate', 'Finalize Measurements', and 'SendBack Measurements'.

| Sr. No. | Order No. | Chapter Name | Item Description | Unit | Edit Items Details | Order Number | Quantity | Rate Proposed | Amount | Sub Item | Enter Measurements | View Measurements | Edit Measurements | Add Material Coefficient | Delete |
|---------|-----------|----------------|--|--------------|-------------------------------------|--------------|----------|---------------|------------|----------|--------------------|-------------------|-------------------|--------------------------|--------|
| 1 | 1.00 | Site Clearance | 1-Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression/pit. | -- | <input checked="" type="checkbox"/> | 1.00 1.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 2 | 1.01 | Site Clearance | 1.1-(i) Garth from 300 mm to 600 mm AR 2006 P No 195 | Each | <input checked="" type="checkbox"/> | 1.01 1.01 | 16.0 | 9,849.80 | 157,596.80 | 1 | + | ≡ | ✎ | + | 🗑 |
| 3 | 4.00 | R.C.C. Works | 3-R.C.C. work of M-15 grade with 20mm 6 down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 49 | Cubic Meters | <input checked="" type="checkbox"/> | 4.00 4.00 | 0.0 | 5,968.47 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 4 | 5.00 | R.C.C. Works | 4-R.C.C. work of M 20 grade with 20mm 6 down grade size black hard granite (crusher broken) chips including hoisting and laying. AR 2006 P No 50 | Cubic Meters | <input checked="" type="checkbox"/> | 5.00 5.00 | 0.0 | 41,554.52 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 5 | 6.00 | Earthwork | 1-Earth work in ordinary soil | -- | <input checked="" type="checkbox"/> | 6.00 6.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 6 | 6.01 | Earthwork | 1.4-Earth work in ordinary soil in embankment, and roads, etc. maximum laboratory dry density not less than 1.44gms./1.52gms./1.05gms. pi | Cubic Meters | <input checked="" type="checkbox"/> | 6.01 6.01 | 144.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 7 | 6.02 | Earthwork | 1.3-Earth work in ordinary soil in embankment, roads,etc. within 50m. initial lead and 1.5m. | Cubic Meters | <input checked="" type="checkbox"/> | 6.02 6.02 | 0.3 | 99.55 | 29.86 | 1 | + | ≡ | ✎ | + | 🗑 |
| 8 | 7.00 | Non-SR | 10-LABOUR FOR SHIFTING HOUSE HOLD MATERIAL (Non SR) | Numbers | <input checked="" type="checkbox"/> | 7.00 7.00 | 0.0 | 0.00 | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 9 | 0 | | Quality Charges | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 10 | 0 | | Royalty Charges | | <input checked="" type="checkbox"/> | 0 | | | 6,160.00 | 1 | + | ≡ | ✎ | + | 🗑 |
| 11 | 0 | | Serviceable Cost | | <input checked="" type="checkbox"/> | 0 | | | 0.00 | 1 | + | ≡ | ✎ | + | 🗑 |

- The Chief Engineer Login screen displays Measurement data after searching the respective work no. Here Chief Engineer can now Add, Edit, Delete and customize any data in the measurement Data.
- After Chief Engineer verifies the data in measurements field He / She can now have three options enabled within the user Id.

1. Whether He/ She wants to forward the Estimate to the higher level which is EIC by Clicking Transfer Estimate.

OR

2. If He / she wants to finalize the Estimate within him/her then simply by clicking the Finalize button available at the bottom of Measurement Screen table the estimate gets finalized.

OR

3. If He/she wants to send back the estimate to Circle Office then by clicking Send back Estimate it goes backward to the Superintendent Engineer.

1. He / she wants to finalize the Estimate within him/her then simply by clicking the finalize button available at the bottom of Estimate table the estimate gets finalized.

OR

2. If He/she wants to send back the estimate to Superintendent Engineer then by clicking Send back Estimate it goes back to the Circle Office.
- The process flow ends and the estimate gets Finalized.