

Material Coefficient Entry in WAMIS

Procedure for entering material coefficient:

1. Selecting material coefficient required option in awarding details: While entering awarding details, there option "Is Material Coefficient Required? ". By default value is "Yes". If selected "No" then user will not able enter material coefficient for items.

agreement type

Work Cost *	588,330.00
Quotation in Amount/Percentage *	<input type="radio"/> Amount(Rs.) <input checked="" type="radio"/> Percentage(%)
Quoted Amount	588330.00
Quoted % (Above/Below/At Par) *	<input checked="" type="radio"/> Above <input type="radio"/> Below <input type="radio"/> At Par
Quoted Percent	0.0
Final Quoted Amount	588330.00
Accepted Tender Other Than Lowest ?	<input checked="" type="radio"/> No <input type="radio"/> Yes
Whether Excess Involved ?	<input checked="" type="radio"/> No <input type="radio"/> Yes
Is Work Advance Applicable ? *	<input checked="" type="radio"/> No <input type="radio"/> Yes
Is Secure Advance Applicable ?	<input checked="" type="radio"/> No <input type="radio"/> Yes
Whether Negotiation Done ?	<input checked="" type="radio"/> No <input type="radio"/> Yes
Is Material Coefficient Required ?	<input type="radio"/> No <input checked="" type="radio"/> Yes
measurement type	<input checked="" type="radio"/> Abstract <input type="radio"/> Detail(E-MB)
Remarks	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

2. Screen for entering material coefficient: Go to Works ->Tendering -> Material Coefficient Entry. Search work by clicking search icon. To enter material coefficient click on pencil icon displayed in front item.

Search Work						
Parent Work Number	213/834		Search work from here			
Parent Work Description	Bridge Test For Royalty Calculation .					
Work Number	213/834/1					
Work Description	Bridge Test For Royalty Calculation .					
Material Coefficient Entry						
Sr. No.	Item Code	Item Description	Unit	Agreement Quantity	Enter Coefficient	View Entered Coefficient
1	2.3	Earth work in hard soil or gravelly soil inembankment, roads, etc. within 50m. initial lead and1.5m. initial lift including rough dressing andbreaking clods to maximum 5cm. to 7cm. and layingin layers not exceeding 0.3m. in depth and as perspecification approved by the department includingproper compaction with H.R.R. (sectionmeasurement to be taken in the finished compactedsection of the fill).	cum	5000.0000		
2	1	providing earth work excavation for foundation for the purpose building from existing GL to foundation bottom level(by machinary)	sqm	250.0000		
3	2	all chargers for doing pcc work for foundation	sqm	115.0000		
4	3	All chargers for doing formwork for rcc foundation	sqm	85.0000		
5	1.1	Earth work in ordinary soil within 50m, initial lead and 1.5m, initial lift including rougth 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.	cum	3000.0000		

- Entering material Coefficient for item: After clicking pencil icon, entry screen for material coefficient will be displayed. Enter coefficient in text box displayed in front of required material. After entering coefficient value for all required material and then click on "Save" button. For editing coefficient value follow same steps. Only non-zero coefficient values will be considered for royalty calculation.

You are here / Works / Tendering

BACK **Click here to go back.**

Search Work

Parent Work Number: 213/834

Parent Work Description: Bridge Test For Royalty Calculation .

Work Number: 213/834/1

Work Description: Bridge Test For Royalty Calculation .

Enter coefficient value here

Material Coefficient Details

Sr. No.	Item	Unit	Rate (in Rs.)	Coefficient
1	Cement	qtl	700.0	0.08
2	Laterite Stone	cum	137.2	0.05
3	Sand	cum	27.44	0.0
4	Moorum	cum	27.44	0.05
5	Quarry / Crusher Dust	cum	27.44	0.0
6	Stone Product	cum	98.78	0.07
7	Granite Product	cum	98.78	0.01
8	Basic cost of WBM GR-II metal	cum	580.0	0.0
9	Earth	cum	27.44	0.45

Save **Click here to save coefficients**

Activate Windows

- Displaying entered coefficient: Go to Works ->Tendering -> Material Coefficient Entry. Search for work. Click Icon in "View Entered Coefficient" column displayed in front of item. After clicking screen with list of entered coefficient will be displayed.

Entry of material coefficient disabled for item consumed in bill. To enable entry please delete item from bill.

Search Work

Parent Work Number: 213/834

Parent Work Description: Bridge Test For Royalty Calculation .

Work Number: 213/834/1

Work Description: Bridge Test For Royalty Calculation .

click here to display entered coefficients

Material Coefficient Entry

Sr. No.	Item Code	Item Description	Unit	Agreement Quantity	Enter Coefficient	View Entered Coefficient
1	2.3	Earth work in hard soil or gravelly soil inembankment, roads, etc. within 50m. initial lead and1.5m. initial lift including rough dressing andbreaking clods to maximum 5cm. to 7cm. and layingin layers not exceeding 0.3m. in depth and as perspecification approved by the department includingproper compaction with H.R.R. (sectionmeasurement to be taken in the finished compactedsection of the fill).	cum	5000.0000		
2	1	providing earth work excavation for foundation for the purpose building from existing GL to foundation bottom level(by machinery)	sqm	250.0000		
3	2	all chargers for doing pcc work for foundation	sqm	115.0000		
4	3	All chargers for doing formwork for rcc foundation	sqm	85.0000		
5	1.1	Earth work in ordinary soil within 50m, initial lead and 1.5m, initial lift including rougth 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.	cum	3000.0000		

Search Work

Parent Work Number: 213/833

Parent Work Description: Roads test for material coe

Work Number: 213/833/1

Work Description: Roads test for material coe.

Material Coefficient Details

Sr. No.	Item	Unit	Rate (in Rs.)	Coefficient
1	Cement	qtl	700.0	0.08
2	Laterite Stone	cum	180.0	0.5
3	Sand	cum	35.0	0.1
4	Quarry / Crusher Dust	cum	35.0	0.6
5	Granite Product	cum	130.0	0.8

- Calculation of royalty: While entering recovery for bill, select transaction type as "Royalty". Total royalty amount as per entered coefficient will be calculated by system. Select & click on save.

Bill Recoveries

(5(A) and 5(B) Recoveries should be added prior to 8(B) Recoveries)
Fields marked with an asterisk * are required.

RA Bill Number *

Recovery Type *

Recovery Column 5(A) 5(B) 8(A) 8(B)

Select Recovery (Bill Amount : Rs. 42375.00) Amount in

Sr. No.	Select	Dependent On	Class / Range	Recovery	Amount	Remark
1	<input checked="" type="radio"/>	-	-	56250.23 Rs.	<input type="text" value="56250.23"/>	
2	<input type="radio"/>	-	-	56250.23 Rs.	<input type="text" value="56250.23"/>	

Save Cancel

- Disabled entering material coefficient: Entry of material coefficient will be disabled if coefficient is entered for item & it is consumed in bill. To enable entry please delete the item first from bill.

Entry of material coefficient disabled for item consumed in bill. To enable entry please delete item from bill.

Search Work

Parent Work Number

Parent Work Description Roads test for material coe. by ssatalekar

Work Number 213/833/1

Work Description Roads test for material coe. by ssatalekar

Material Coefficient Entry Amount in Rs.

Sr. No.	Item Code	Item Description	Unit	Agreement Quantity	Enter Coefficient	View Entered Coefficient
1	2	Providing & applying tack coat coat with 60/70 penetration grade of bitumen using bitumen pressure distributor at the rate of 0.20 kg per sqm including cost, conveyance & any other taxes of materials and cost of all labour, T&P articles required for the work etc. all complete as per the specification and direction of Engineer-in-charge.	sqm	1837.5000	<input type="text" value=""/>	<input type="button" value=""/>
2	4	Providing 6mm thick pre-coated seal coat type-B using 0.06cum of 6 mm size and down graded chips as per sieve analysis for 10sqm with 6.8K.g. of bitumen etc. complete to required line, level & grade including cost conveyance royalty of materials, hire charges of PRR, hot mix plant, tar boiler and labour T&P etc. complete as per specification & direction of the Engineer-in-charge.	sqm	1837.5000	<input type="text" value=""/>	<input type="button" value=""/>
3	3	Cement concrete (1:3:6) with 4 Cm. size hard granite metal	cum	200.0000	<input type="text" value=""/>	<input type="button" value=""/>
4	14	Filling in foundation and plinth with excavated materials, moorum including watering and ramming as directed by the Engineer-in-charge.	cum	100.0000	<input type="text" value=""/>	<input type="button" value=""/>
5	18	Extra lift of 1.5m of part thereof over initial lift of 1.5m for turfing.	sqm	100.0000	<input type="text" value=""/>	<input type="button" value=""/>
6	3	Extra lift of 1.5m of part thereof over initial lift of 1.5m for turfing.	--	1.0000	<input type="text" value=""/>	<input type="button" value=""/>

Some entries disabled as item consumed in bill.

7. Royalty calculation report: Go to Billing -> Reports -> Royalty Calculation. Select work & bill no. Click on "Show" to display report. Click on "Export" to download Pdf of report.

Royalty Calculation Report	
Work Number *	213/833/1 - Roads test for material coe. by ssatalekar
Bill Number *	2
<input type="button" value="Show"/> <input type="button" value="Export"/>	

Royalty Calculation

Name Of Work : Roads test for material coe. by ssatalekar

Work Number : 213/833/1 Bill No : 2 Bill Date : 08-05-2020

Sr.No	Item Description	Executed Qty.	Unit	Coeff.	Total
1	<u>Providing 6mm thick precast seal coat type-B using 0.06cum of 6 mm size and down graded chips as per sieve analysis for 10sqm with 6.8K. g. of bitumen etc. complete to required line, level & grade including cost conveyance royalty of materials, hire charges of PRR, hot mix plant, tar boiler and labour T&P etc. complete as per specification & direction of the Engineer-in-charge.</u>	500.00	sqm	-	-
1.1	<u>Cement</u>	-	qtl	0.0800	40.00
1.2	<u>Moorum</u>	-	cum	0.0500	25.00
1.3	<u>Quarry / Crusher Dust</u>	-	cum	0.0500	25.00
1.4	<u>Granite Product</u>	-	cum	0.0800	40.00
1.5	<u>Laterite Stone</u>	-	cum	0.0700	35.00
2	<u>Cement concrete (1:3:6) with 4 Cm. size hard granite metal</u>	100.00	cum	-	-
2.1	<u>Cement</u>	-	qtl	0.0500	5.00

Activate
Go to Sett