



BUILDSPACE EPROJECT

For Main Contractor

Filter Sub-Packages

Powered by:



GLOBAL PCK SOLUTIONS SDN BHD (973124-T)

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(BuildSpace Version 3.2)

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Contents

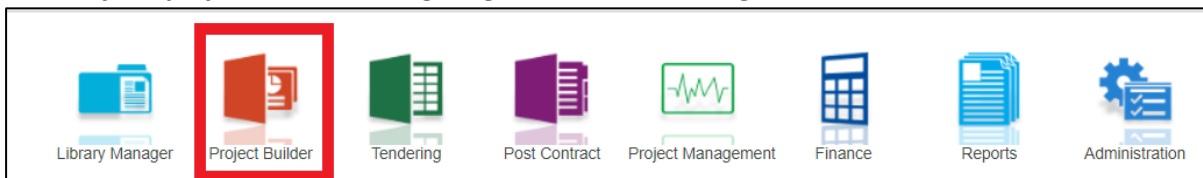
Filter Sub-Package	2
I. Resource Analysis.....	3
II. Schedule of Rates.....	7

Filter Sub-Package

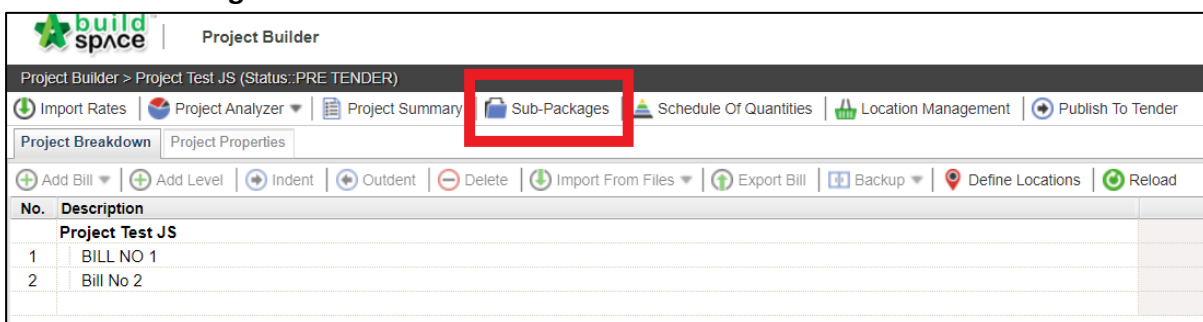
Notes: This function can be done either in Project Builder Module or Tendering Module.

1. Click at the **BuildSpace Logo** and choose “**Project Builder Module**”. Choose a project and double click project name to open the project.

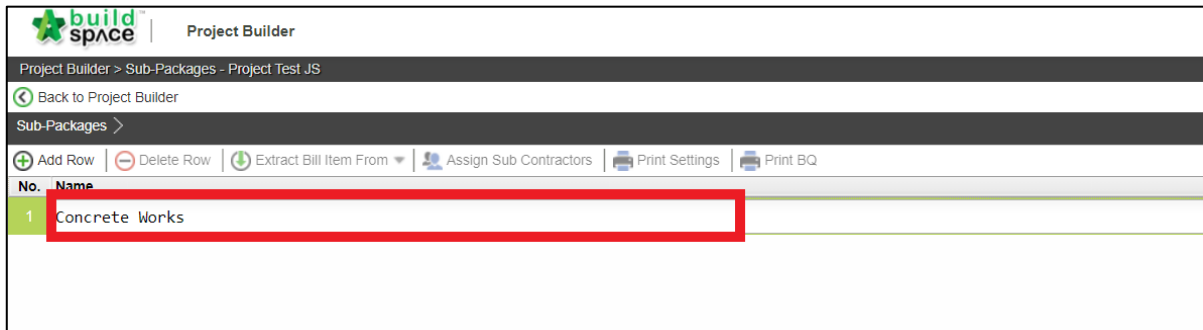
Notes: If the project is in Tendering Stage, choose “**Tendering Module**”



2. Click “**Sub-Packages**”

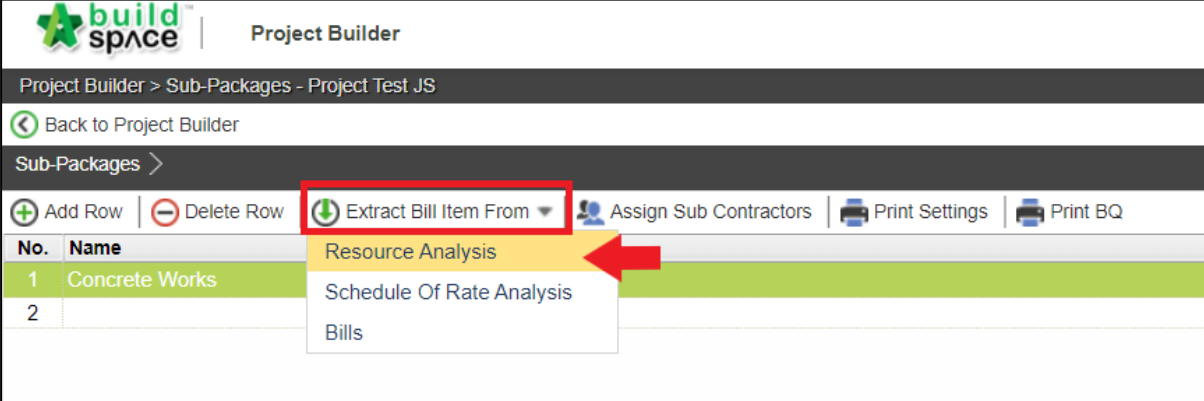


3. Key in sub-packages work by **press enter** to key in and **press enter** again to save.



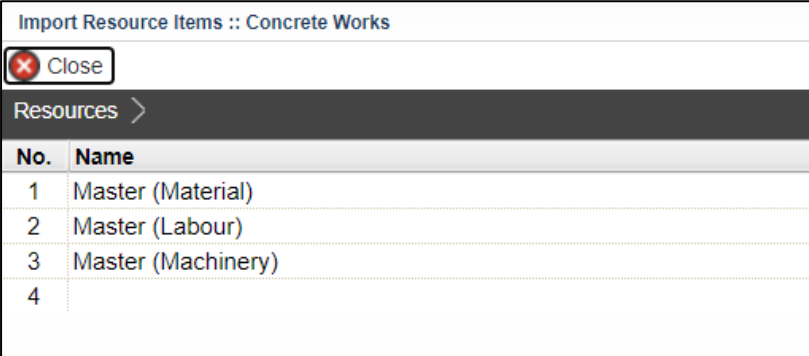
I. Resource Analysis

1. Click “Extract Bill Item From” and choose “Resource Analysis”.



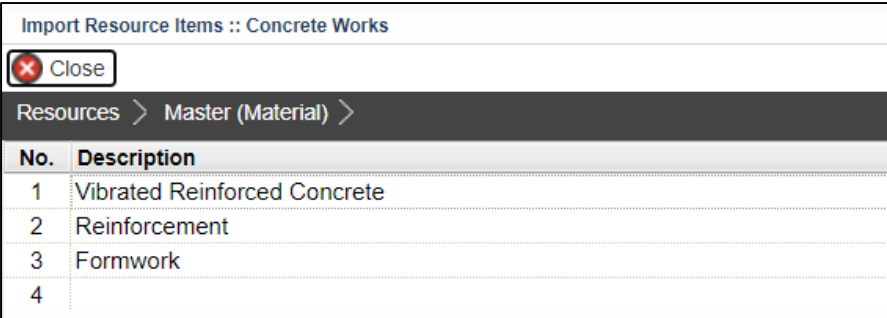
The screenshot shows the 'Project Builder' interface. At the top, there's a breadcrumb trail: 'Project Builder > Sub-Packages - Project Test JS'. Below this is a 'Back to Project Builder' link. The main section is titled 'Sub-Packages >'. There are several action buttons: '+ Add Row', '- Delete Row', 'Extract Bill Item From' (highlighted with a red box), 'Assign Sub Contractors', 'Print Settings', and 'Print BQ'. A dropdown menu is open from the 'Extract Bill Item From' button, showing three options: 'Resource Analysis' (highlighted in yellow), 'Schedule Of Rate Analysis', and 'Bills'. A red arrow points to the 'Resource Analysis' option. Below the dropdown is a table with columns 'No.' and 'Name'. The first row is '1 Concrete Works'.

2. You will see this pop out box as follows. **Double click** resources.



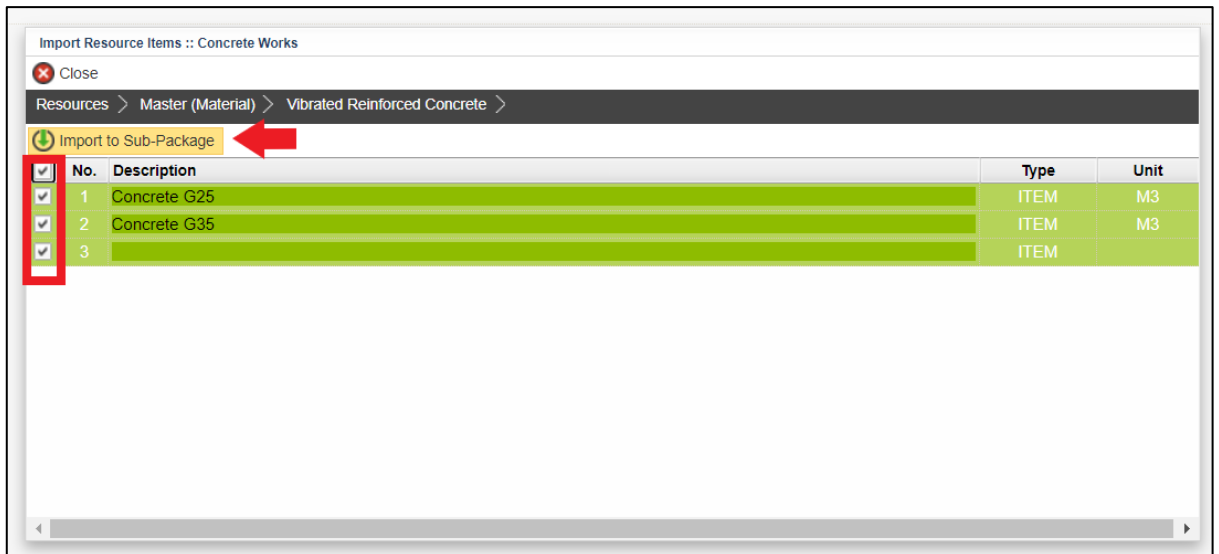
The screenshot shows a pop-up window titled 'Import Resource Items :: Concrete Works'. It has a 'Close' button with a red 'X' icon. Below the title bar is a 'Resources >' section. There is a table with columns 'No.' and 'Name'. The table contains four rows: '1 Master (Material)', '2 Master (Labour)', '3 Master (Machinery)', and '4'.

3. **Double click types of resources** (for example: Material) to go to the item level.



The screenshot shows the same pop-up window, but now it's at the 'Master (Material)' level. The breadcrumb trail is 'Resources > Master (Material) >'. The table has columns 'No.' and 'Description'. It contains four rows: '1 Vibrated Reinforced Concrete', '2 Reinforcement', '3 Formwork', and '4'.

4. Tick at the checkbox on which item to be imported to the sub package and click **"Import to Sub-Package"**. Then click **"Close"**



Import Resource Items :: Concrete Works

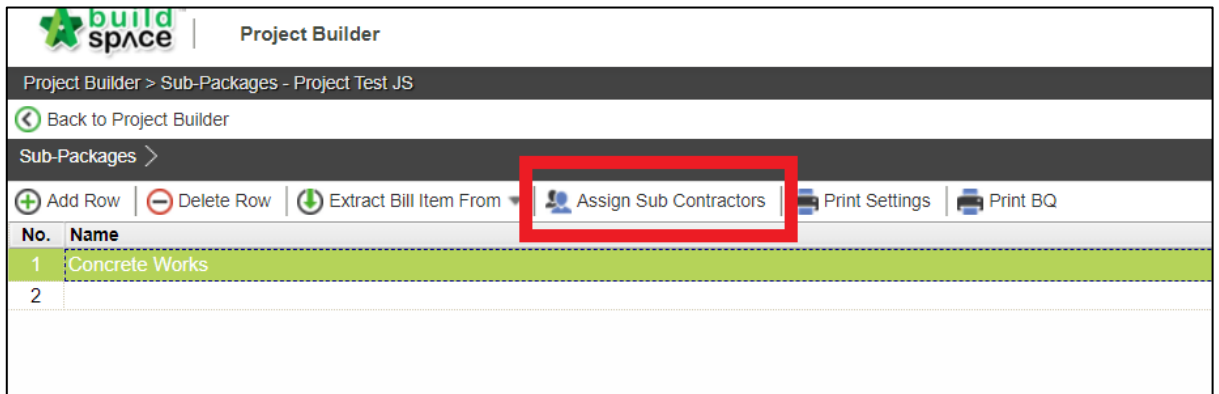
Close

Resources > Master (Material) > Vibrated Reinforced Concrete >

Import to Sub-Package

<input checked="" type="checkbox"/>	No.	Description	Type	Unit
<input checked="" type="checkbox"/>	1	Concrete G25	ITEM	M3
<input checked="" type="checkbox"/>	2	Concrete G35	ITEM	M3
<input checked="" type="checkbox"/>	3		ITEM	

5. Click **"Assign Sub Contractors"**.



Project Builder

Project Builder > Sub-Packages - Project Test JS

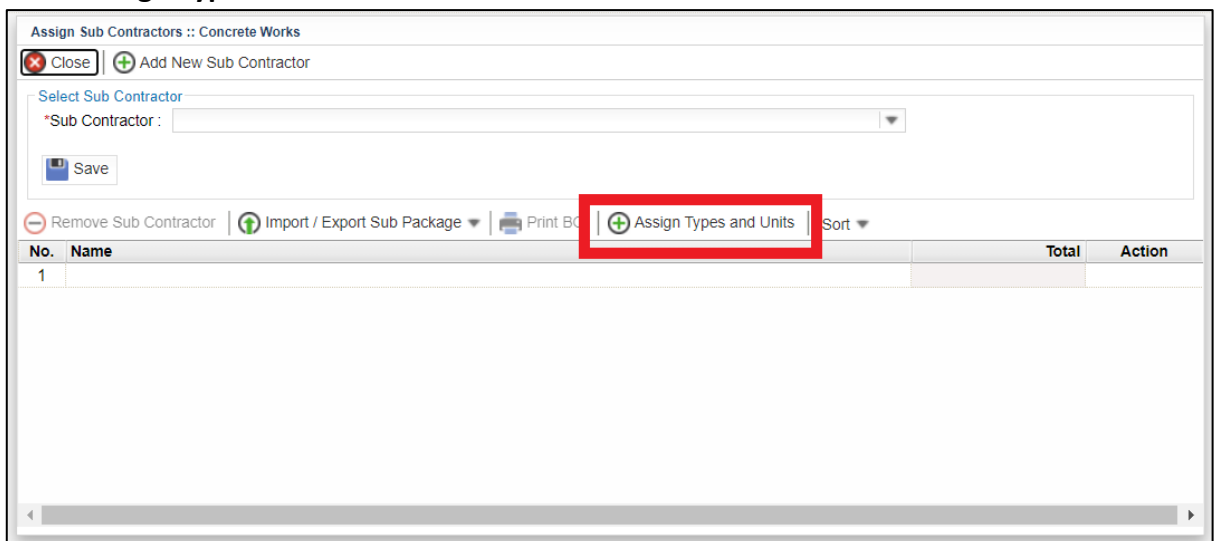
Back to Project Builder

Sub-Packages >

+ Add Row | - Delete Row | Extract Bill Item From | **Assign Sub Contractors** | Print Settings | Print BQ

No.	Name
1	Concrete Works
2	

6. Click **"Assign Type and Units"**



Assign Sub Contractors :: Concrete Works

Close | Add New Sub Contractor

Select Sub Contractor

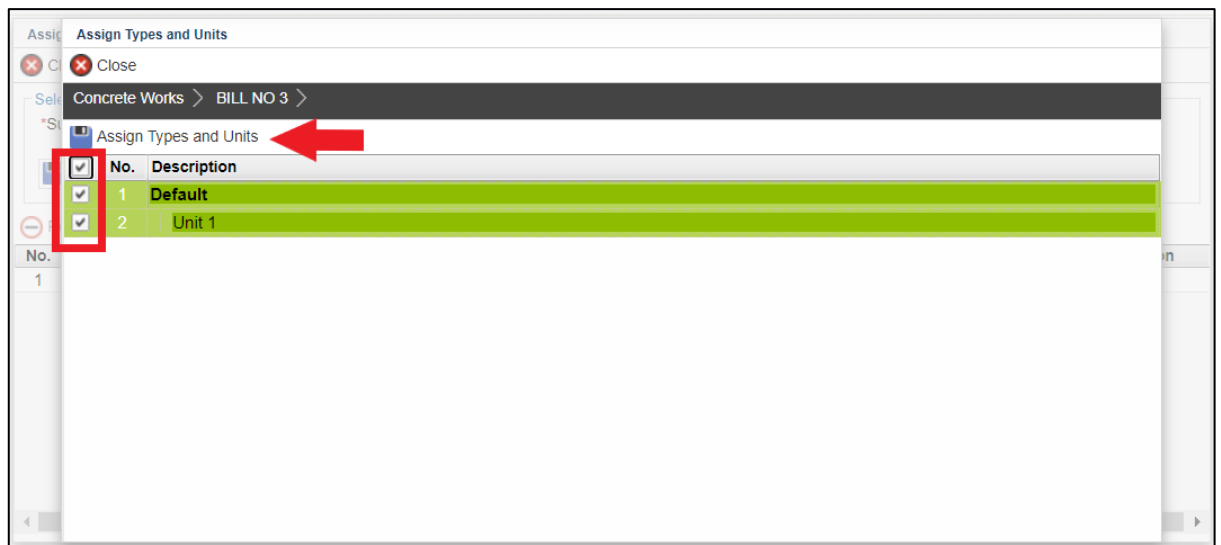
*Sub Contractor :

Save

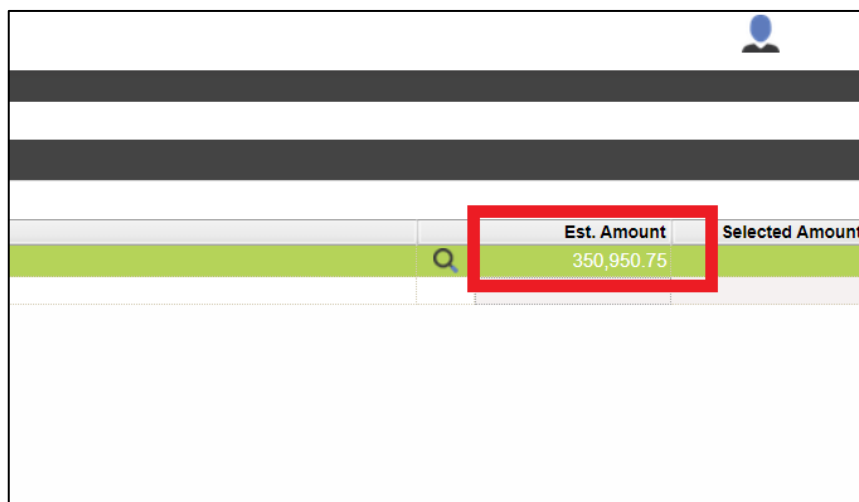
- Remove Sub Contractor | Import / Export Sub Package | Print BQ | **Assign Types and Units** | Sort

No.	Name	Total	Action
1			

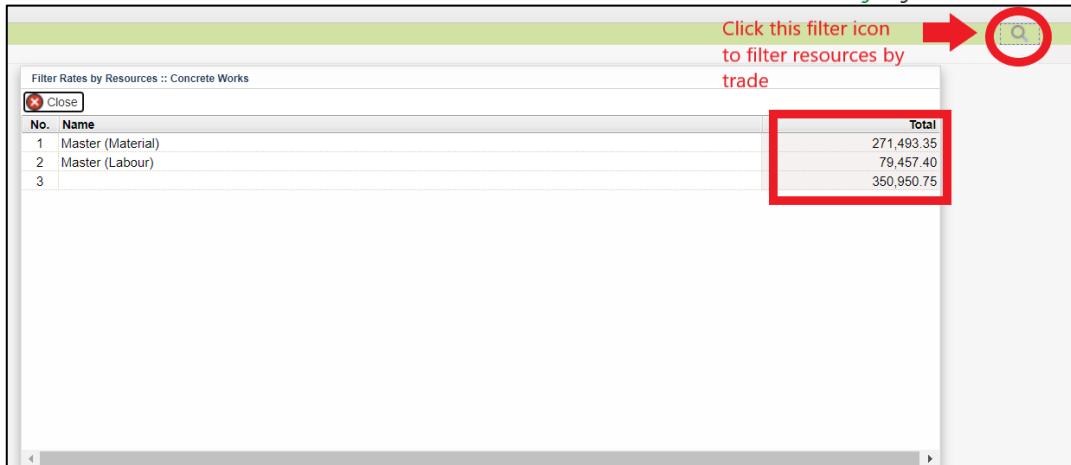
- Double click Bill > Element to go to Item level. Tick at the check box on the particular BQ items and click **“Assign Type and Units”**. Then click **“Close”**.



- System will auto calculate the **“Estimated Amount”** based on the imported resources rate.



- Click the **filter icon** to view cost breakdown for each resource. Then click **“Close”**



10. Double click the Work category > Bill > Element to go to the **BQ Item level**. From here you can view the composite rate populated from the Resource Analysis.

Project Builder > Sub-Packages - Project Test JS

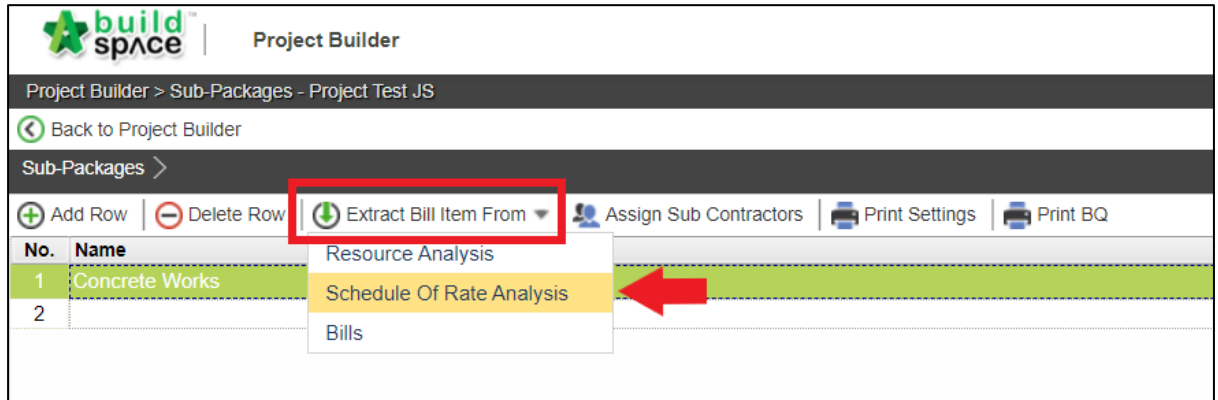
Back to Project Builder

Sub-Packages > Concrete Works > BILL NO 3 > FRAME >

No	Description	Unit	Total Qty	Est. Rate	Est. Amount
1	Reinforced Concrete Frame				
2	Vibrated reinforced concrete Grade 25, as specified, in,				
3	Columns.	M3	58.00	260.90	15,132.20
4	Beams.	M3	101.00	260.90	26,350.90
5	Roof beams.	M3	50.00	260.90	13,045.00
6	Hot rolled steel reinforcement (Mild steel, minimum yield stress 250N per sq. mm)				
7	10mm Diameter, in beams. (Stirrups)	KG	4,061.00	3.84	15,594.24
8	10mm Diameter, in roof beams. (Stirrups)	KG	1,271.00	3.84	4,880.64
9	Hot rolled steel deformed reinforcement (High yield 60, minimum yield stress 460N per sq. mm)				
10	25mm diameter, in columns.	KG	935.00	3.55	3,319.25
11	20mm diameter, in columns.	KG	429.00	3.55	1,522.95
12	16mm diameter, in columns.	KG	6,122.00	3.55	21,733.10
13	12mm diameter, in columns.	KG	5,484.00	3.78	20,729.52
14	10mm diameter, in columns.(Link)	KG	2,303.00	3.78	8,705.34
15	25mm diameter, in beams.	KG	6,289.00	3.55	22,325.95
16	20mm diameter, in beams.	KG	2,136.00	3.55	7,582.80
17	16mm diameter, in beams.	KG	1,888.00	3.55	6,702.40
18	12mm diameter, in beams.	KG	1,765.00	3.78	6,671.70
19	20mm diameter, in roof beams.	KG	152.00	3.55	539.60
20	16mm diameter, in roof beams.	KG	328.00	3.55	1,164.40
21	12mm diameter, in roof beams.	KG	889.00	3.78	3,360.42
22	Class F1 formwork finish, to,				
23	Sides of columns.	M2	621.00	33.00	20,493.00
24	Sides and soffit of beams	M2	1,010.00	33.00	33,330.00
26					

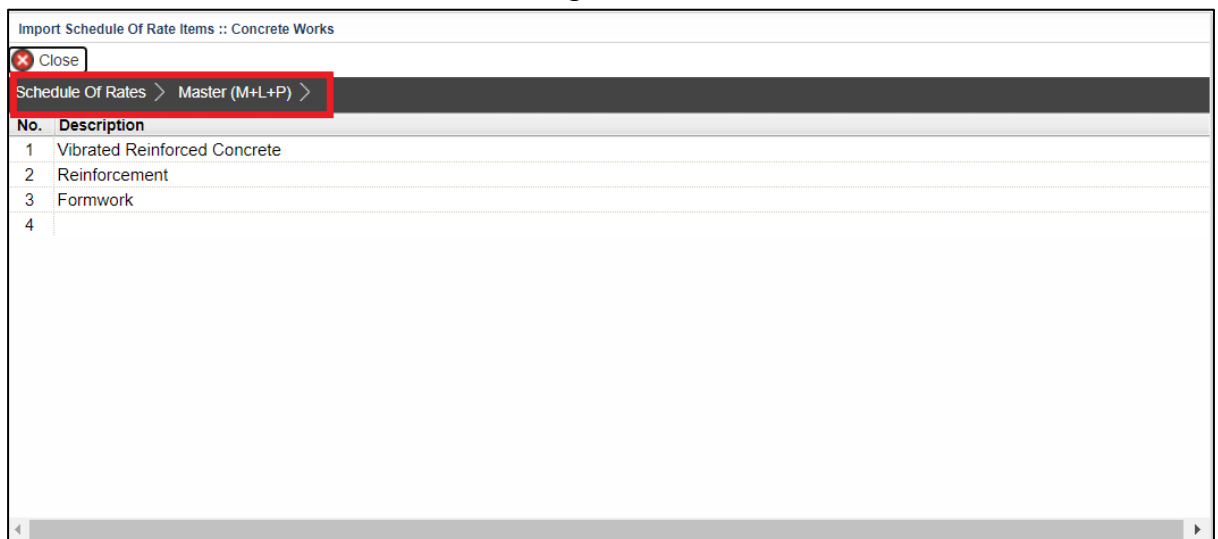
II. Schedule of Rates

1. Single click on the work category and click **“Extract Bill Item From”**. Choose **“Schedule of Rates”**.



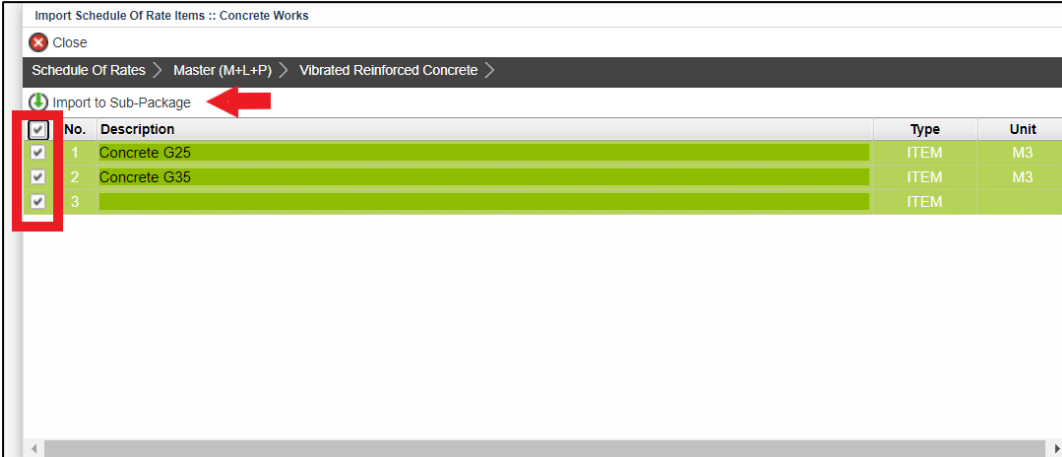
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2. **Double Click** Schedule of Rates > Trades to go to Item level.



The screenshot shows a window titled 'Import Schedule Of Rate Items :: Concrete Works'. At the top left is a 'Close' button. Below it is a breadcrumb trail: 'Schedule Of Rates > Master (M+L+P) >' (highlighted with a red box). Below the breadcrumb is a table with two columns: 'No.' and 'Description'. The first three rows are: '1 Vibrated Reinforced Concrete', '2 Reinforcement', and '3 Formwork'. The fourth row is empty. At the bottom of the window is a scrollbar.

- At item level, **tick** at the check box to select item. Then, click **“Import to Sub-Package”**. Then click **“Close”**.



Import Schedule Of Rate Items :: Concrete Works

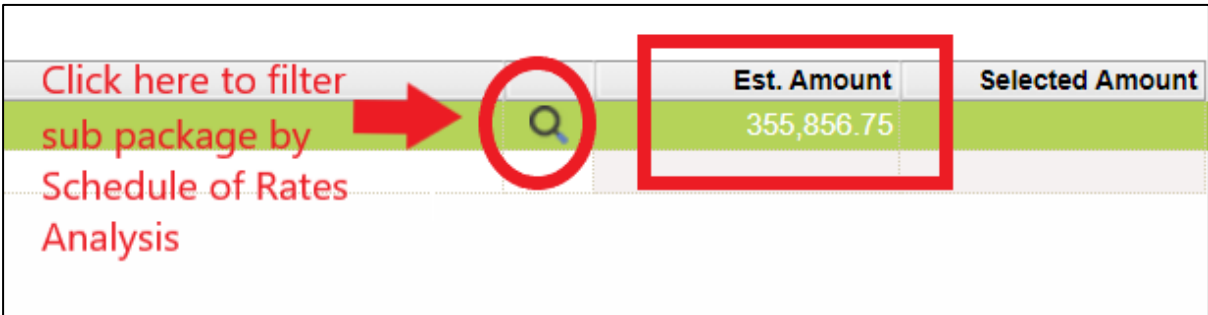
Close

Schedule Of Rates > Master (M+L+P) > Vibrated Reinforced Concrete >

Import to Sub-Package

No.	Description	Type	Unit
1	Concrete G25	ITEM	M3
2	Concrete G35	ITEM	M3
3		ITEM	

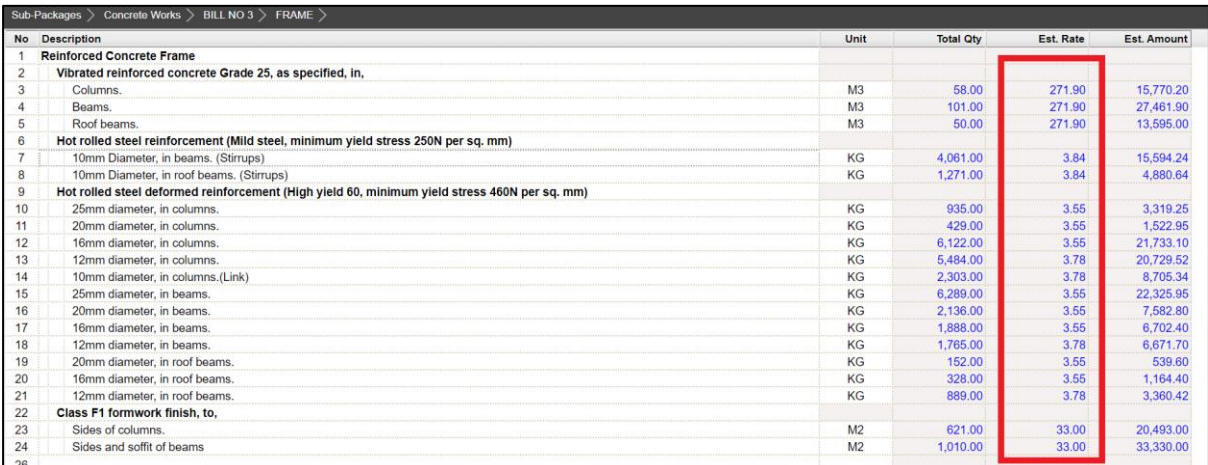
- System will auto calculate the **“Estimated Amount”**. To filter sub package, click the **filter icon**.



Click here to filter sub package by Schedule of Rates Analysis

Est. Amount	Selected Amount
355,856.75	

- Double click the Work category > Bill > Element to go to the **BQ Item level**. From here you can view the composite rate populated from the Schedule of Rates Analysis.



No	Description	Unit	Total Qty	Est. Rate	Est. Amount
1	Reinforced Concrete Frame				
2	Vibrated reinforced concrete Grade 25, as specified, in,				
3	Columns.	M3	58.00	271.90	15,770.20
4	Beams.	M3	101.00	271.90	27,461.90
5	Roof beams.	M3	50.00	271.90	13,595.00
6	Hot rolled steel reinforcement (Mild steel, minimum yield stress 250N per sq. mm)				
7	10mm Diameter, in beams. (Stirrups)	KG	4,061.00	3.84	15,594.24
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