
BUILDSPACE PRO
TUTORIAL

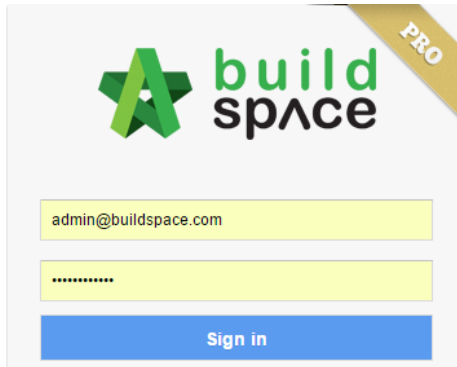
Contents

Administrator Guide	1
How to add new user	1
How to restrict other users from access to the modules	2
Library Manager	4
Resource Library	4
Schedule of Rates (Build-up Rate)	7
Project Builder	11
Create Project and add bills	11
Open a bill, key in elements & items	14
How to import BQ from Excel	16
Import Rate	22
Apply Mark Up Function	24
Project Analyser	25
Backup.....	27
Export Bills (Excel Format)	27
How to print out BQ.....	28
How to print project/tender summary	29
How to assign users to an existing project	30
Tendering Module.....	32
Search historical rate	32
Create Addendum	35
Tender Comparison & Rates Rationalization	38
Import/export contractor's rate	41
Post Contract Module	43
Publish to post contract	43
Progress Claim.....	44
Add New Claim Version.....	48
Variation Orders.....	51
Re-measurement / Final Account	56
Report	59

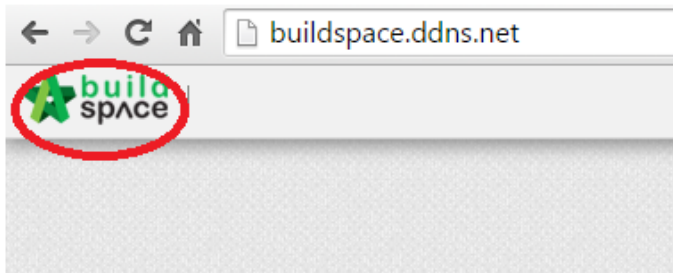
Administrator Guide

How to add new user

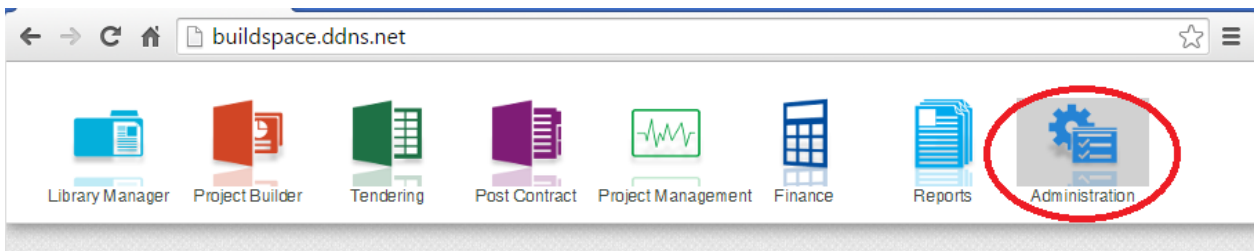
1. Login to BuildSpace.



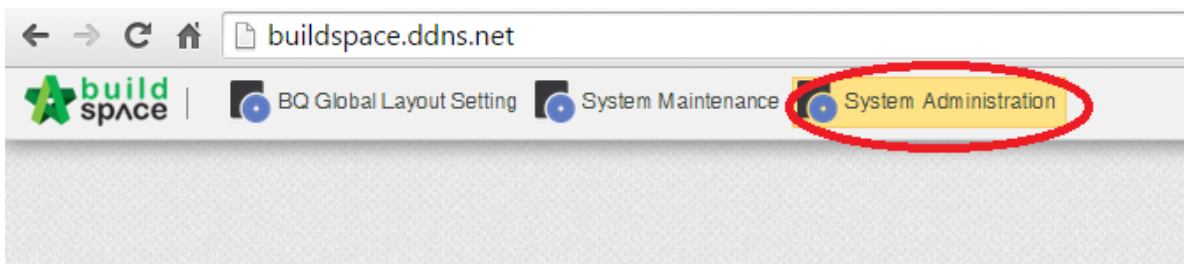
2. Click at “BuildSpace” logo.



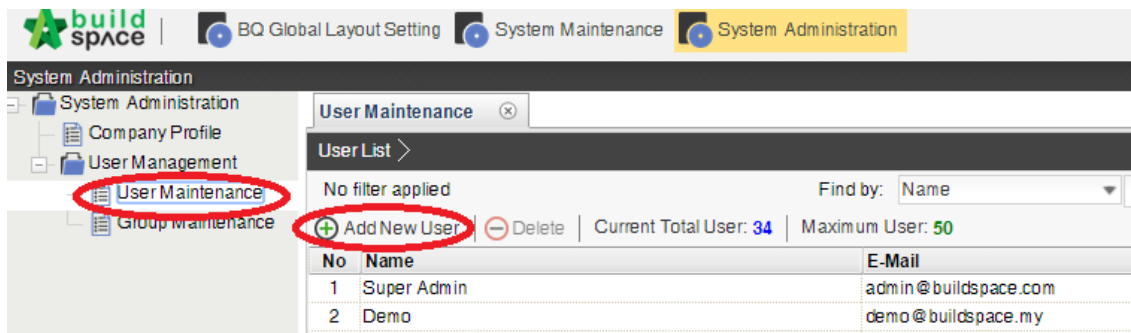
3. Click at “Administration” module.



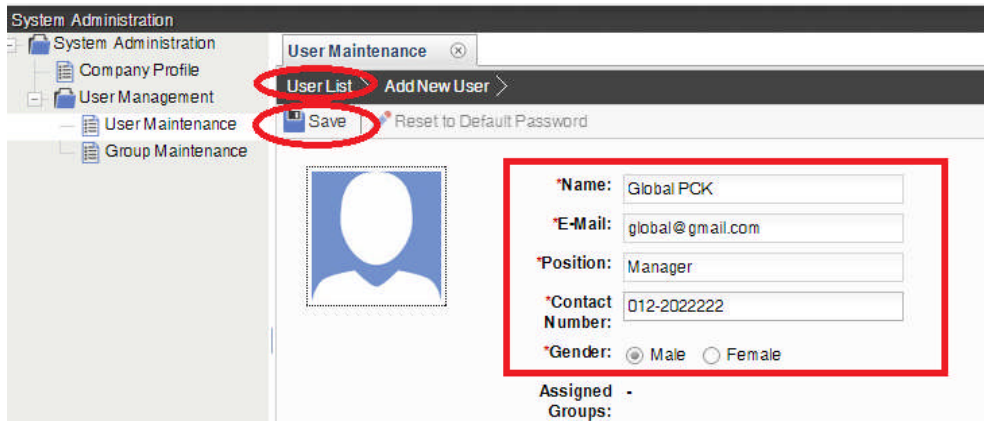
4. Click at “System Administration” menu.



5. Click at “User Maintenance” and then follow by “Add New User” to add more users.



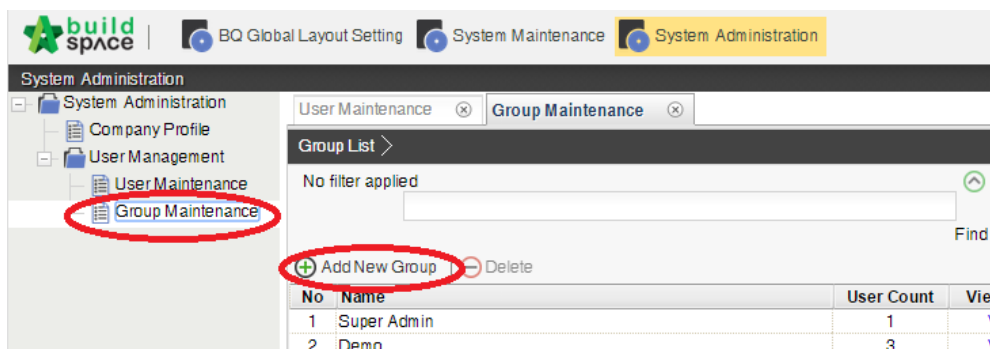
6. Fill up the compulsory fields and click “Save”. Then click at “User List” to repeat to add more users.



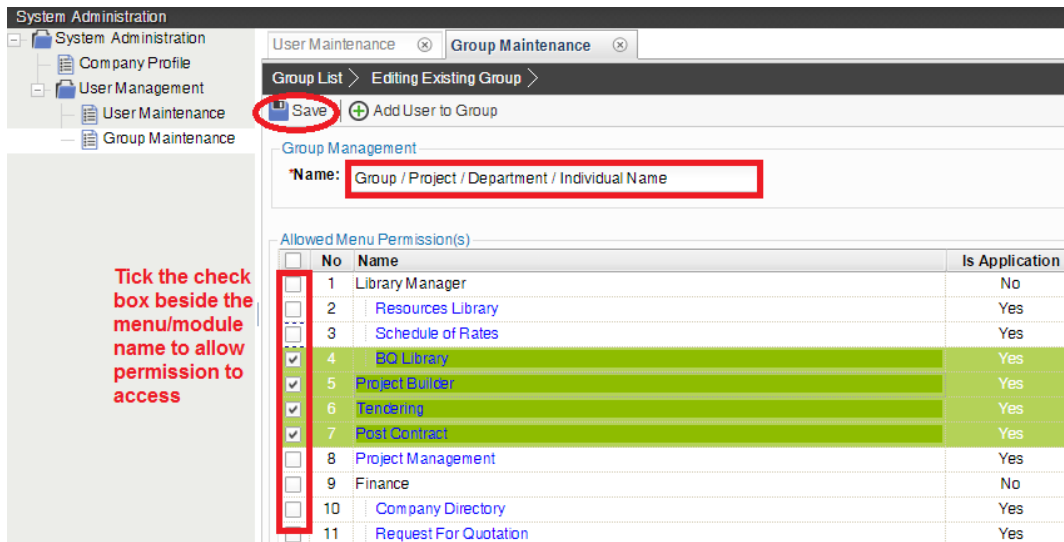
How to restrict other users from access to the modules

Note: The permission is set according to group basis. One group can be one user or more users.

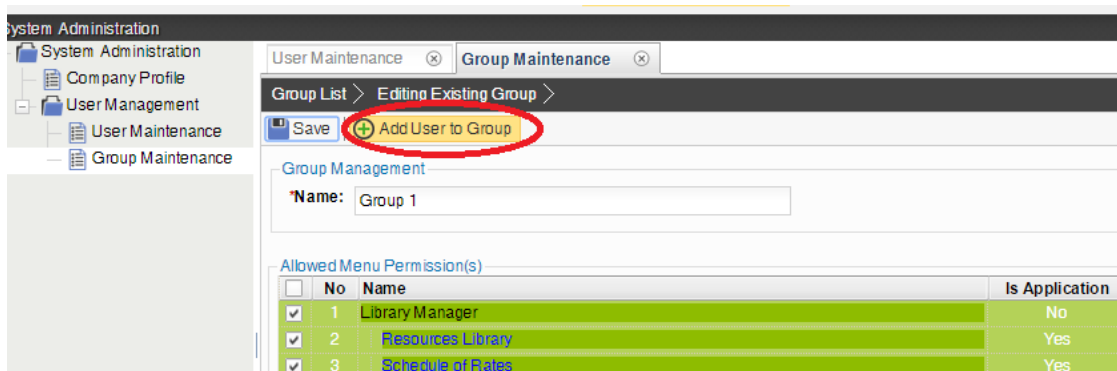
1. Double click at “Group Maintenance” and then click at “Add New Group”.



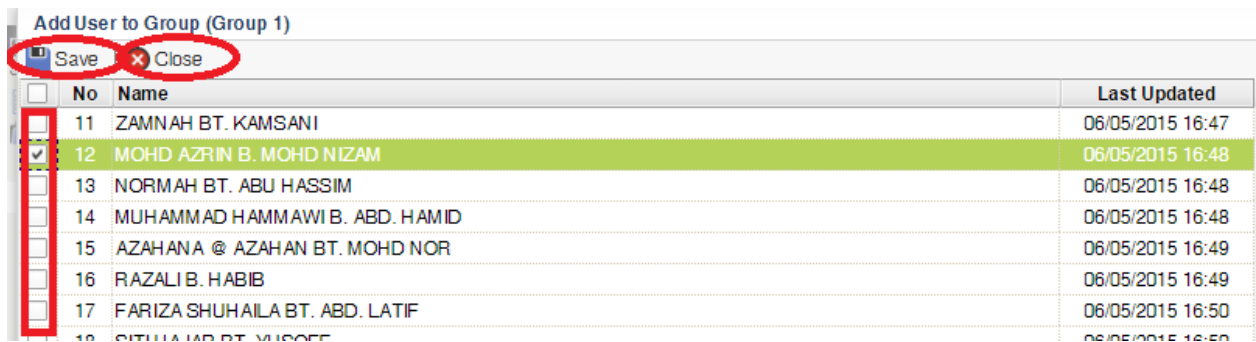
2. Type new group name (can be any name such as department or individual name if the group is assigning to one user) and assign access permission rights on the menus/modules.



3. Click on “Add User to Group” to assign user to this group.



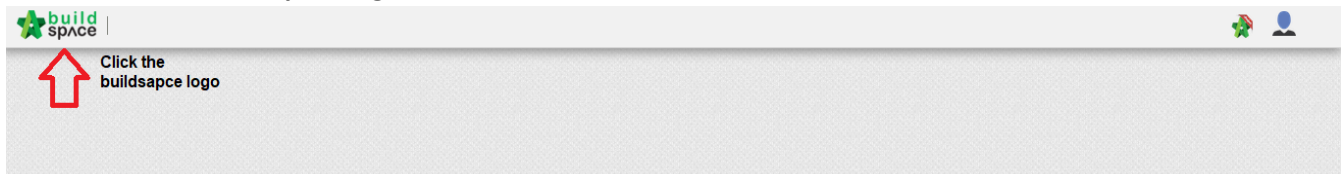
4. Can assign the user by tick at check box. After that click “Save” and then click “Close”.



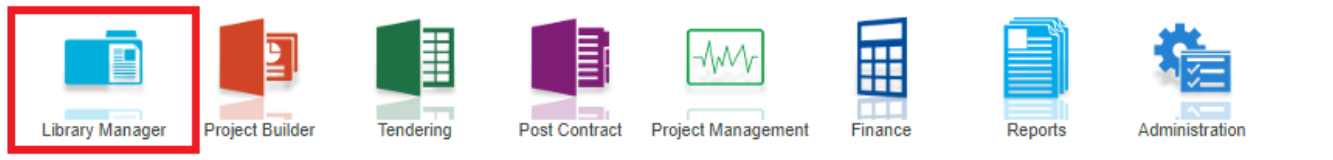
Library Manager

Resource Library

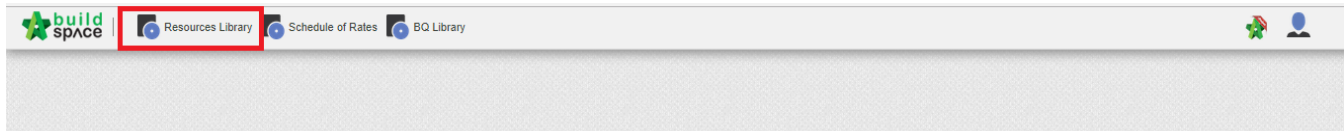
1. Click the **Buildspace logo**.



2. Select **Library Manager** to edit/record all costing for BQ preparation.



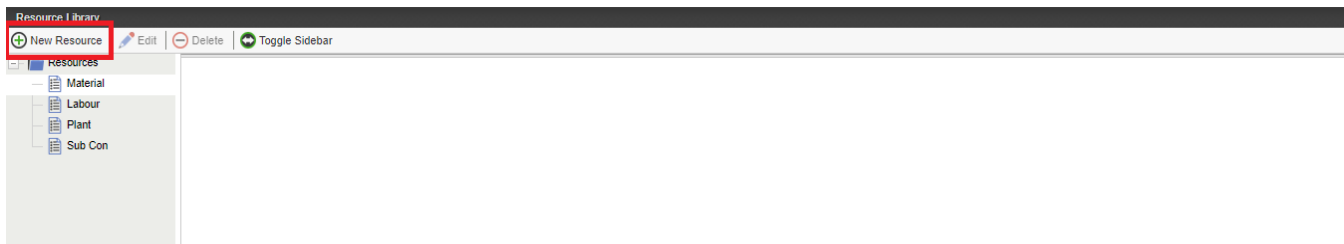
3. Click the **resources library** to key in the **rate** for **material, labour, plant and total sub**.



4. Double click the **resources (material, labour, plant & total sub)** and can view the **different type of resources**.



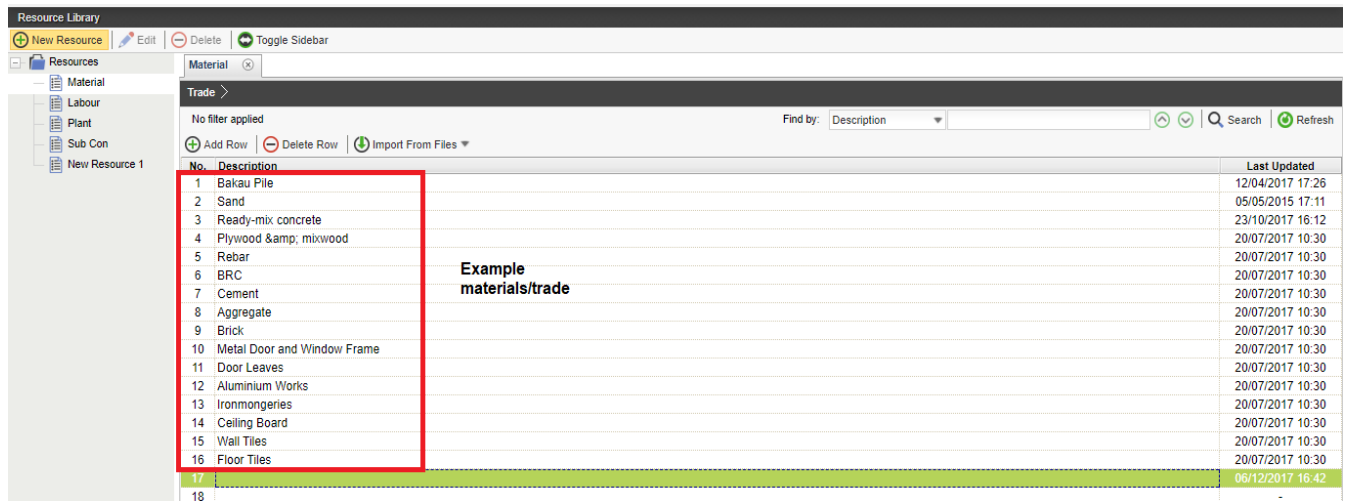
5. You can click the **new resources** to add the new resources



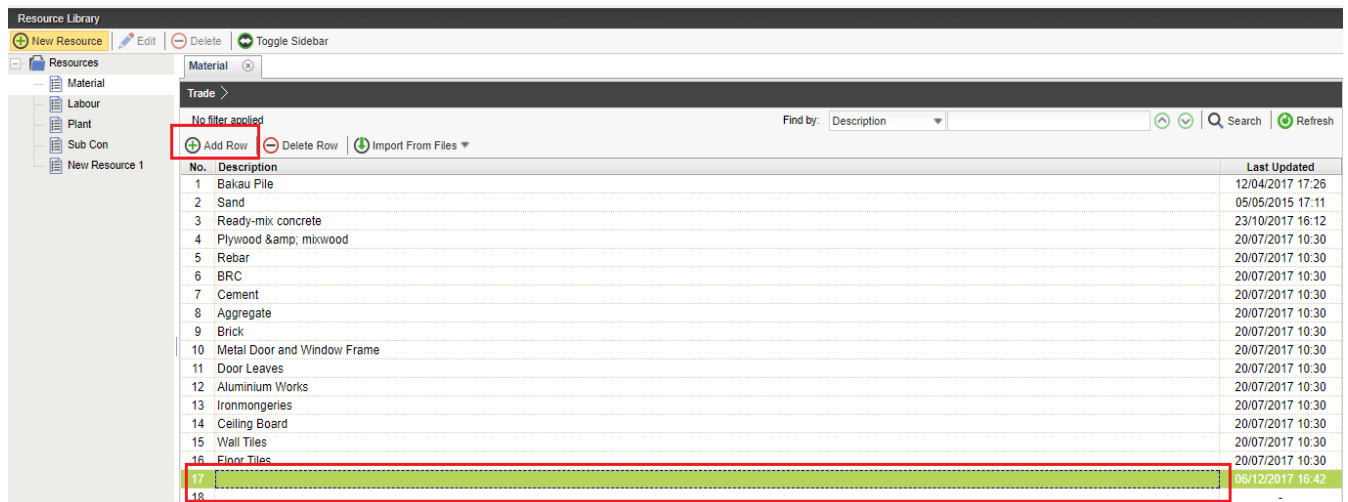
6. After added new resources, click the **edit to rename** the resources and **click delete to delete** the resources. Or **right click to edit and delete** the resources.



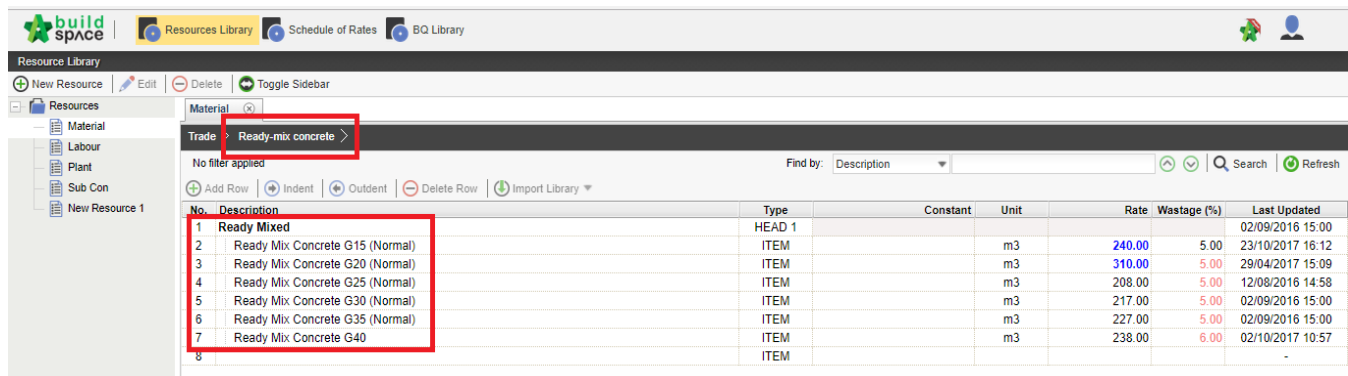
- Double click material, labour, plant and total sub to view the different of trade. (You can group your material type at this level. For example, Ready Mix Concrete, Sand, Rebar, etc)



- Click the **add row** to add the new row and **press enter** to key in the new trade and **press enter** to save.



- Examples, double click the trade and can see the different type of ready mix concrete. Click **add row** to add the new type, just **press enter** to key in and **press enter** to save.



10. Press enter to insert or edit the description, and then press enter again to save.

The screenshot shows the 'Resource Library' interface for 'Ready-mix concrete'. A table lists various concrete grades with their units and rates. Red boxes highlight the 'Unit' and 'Rate' columns, with annotations '1. Press enter to choose the unit' and '2. Press enter to key in the rate'. Another red box highlights the 'Wastage (%)' column with the annotation '3. Press enter to key in the % of wastage'.

No.	Description	Type	Constant	Unit	Rate	Wastage (%)	
1	Ready Mixed	HEAD 1					
2	Ready Mix Concrete G15 (Normal)	ITEM					02/09/2016 15:00
3	Ready Mix Concrete G20 (Normal)	ITEM					07/12/2017 09:52
4	Ready Mix Concrete G25 (Normal)	ITEM		m3	310.00		29/04/2017 15:09
5	Ready Mix Concrete G30 (Normal)	ITEM		m3	208.00		12/08/2016 14:58
6	Ready Mix Concrete G35 (Normal)	ITEM		m3	217.00		02/09/2016 15:00
7	Ready Mix Concrete G40	ITEM		m3	227.00		02/09/2016 15:00
8		ITEM		m3	238.00		02/10/2017 10:57

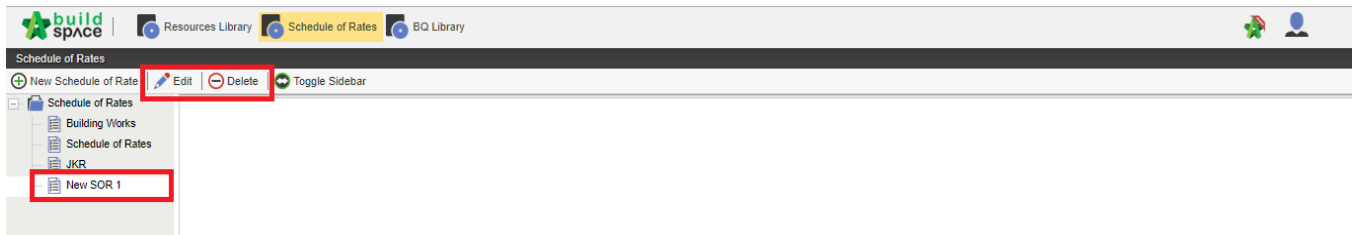
**The step used for material is similar step for labour, plant and total sub.*

Schedule of Rates (Build-up Rate)

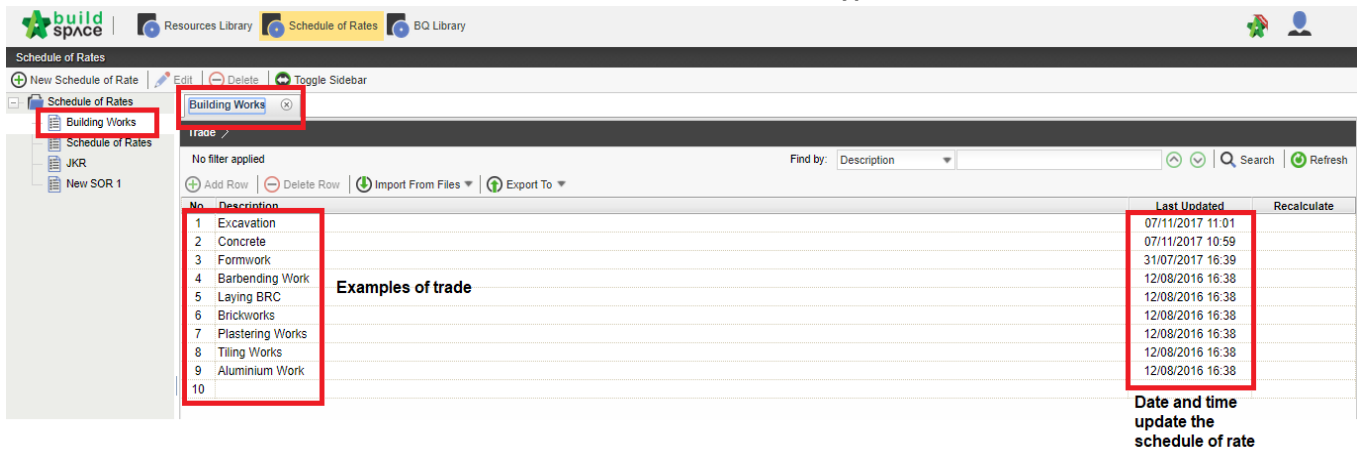
1. Click the **schedule of rate** to prepare the **build-up rate (BUR)**.
2. Click the **new schedule of rate** to **add the new schedule of rate**.



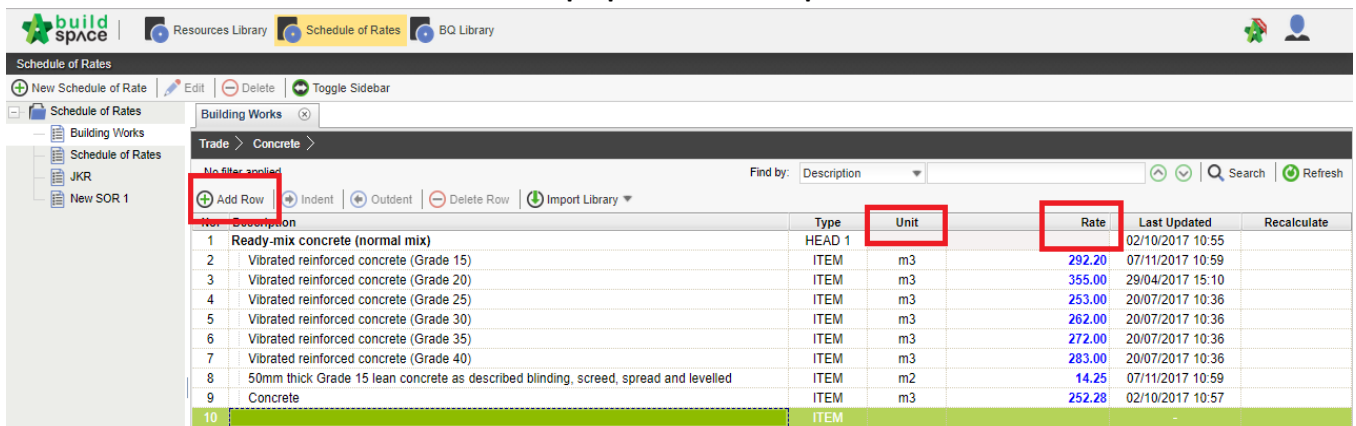
3. Click **edit** to **rename** the schedule of rate and can **click the delete** to delete the schedule of rate.



4. **Double click the schedule of rate** and can view the **different type** of trade.



5. **Double click the trade** and can view the **different types of trades**.
6. Examples: Concrete, **double click the concrete** and can view the different type of concrete.
7. Click **add row** to **add the new types**
8. **Double click the** at the **unit column** to **choose the unit**
9. **Double click** at the **rate column** to **prepare the Build Up Rate**.



10. Click add to select the resources category.

1. click the resources category to choose the category

2. After click the resources category, it can view the all resources depends on the library manager.

No.	Name	Action
1	Material	Add
2	Labour	Add
3	Plant	Add
4	Sub Con	Add
5	New Resource 1	Add

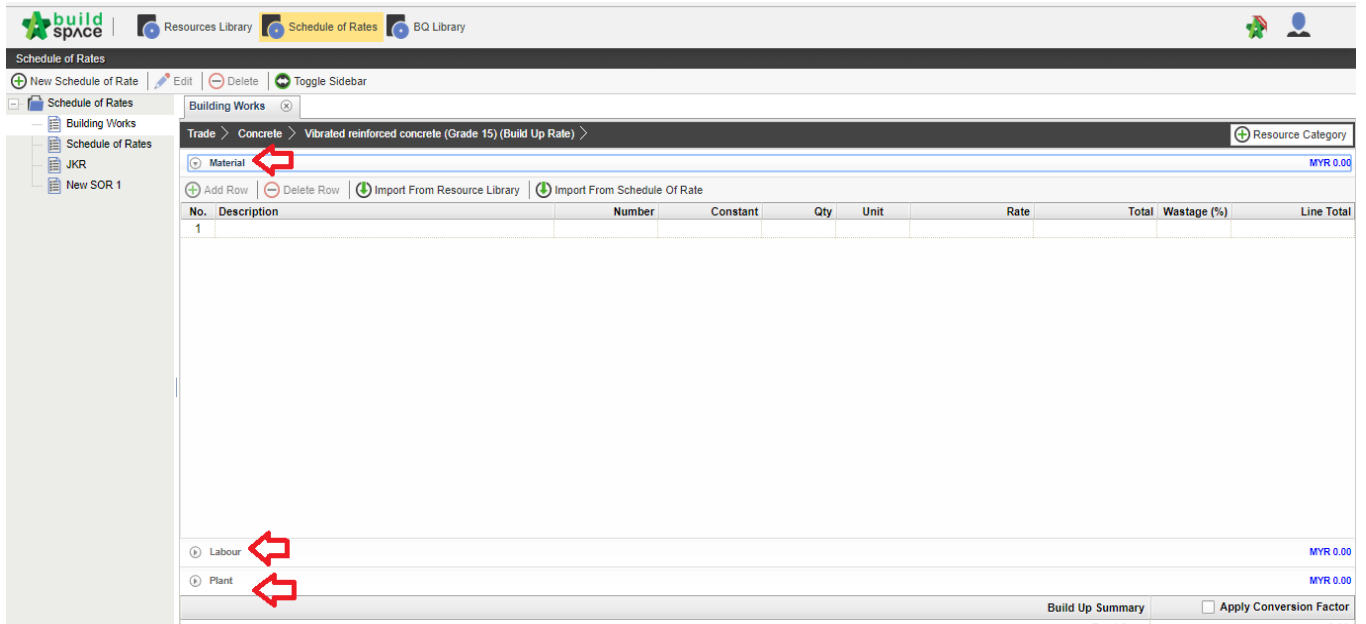
11. The examples of resources category used in the BUR vibrated reinforced concrete (Grade 15).

No.	Description	Number	Constant	Qty	Unit	Rate	Total	Wastage (%)	Line Total
1									

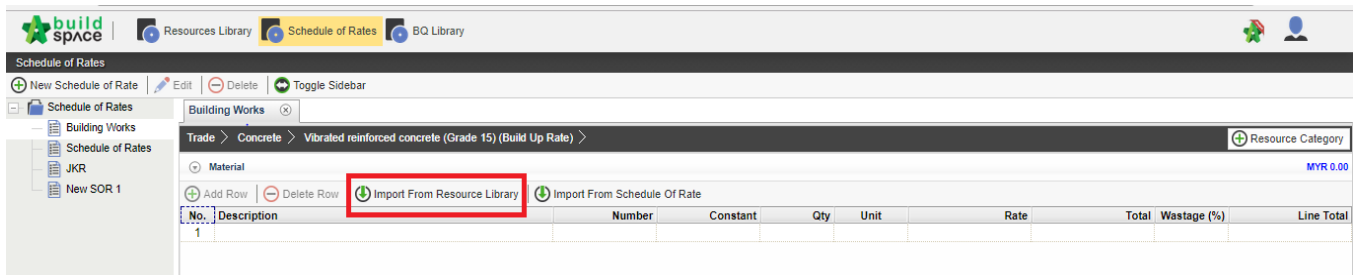
Build Up Summary Apply Conversion Factor

Total Cost	0.00
Mark Up (%)	0.00
Final Cost	0.00

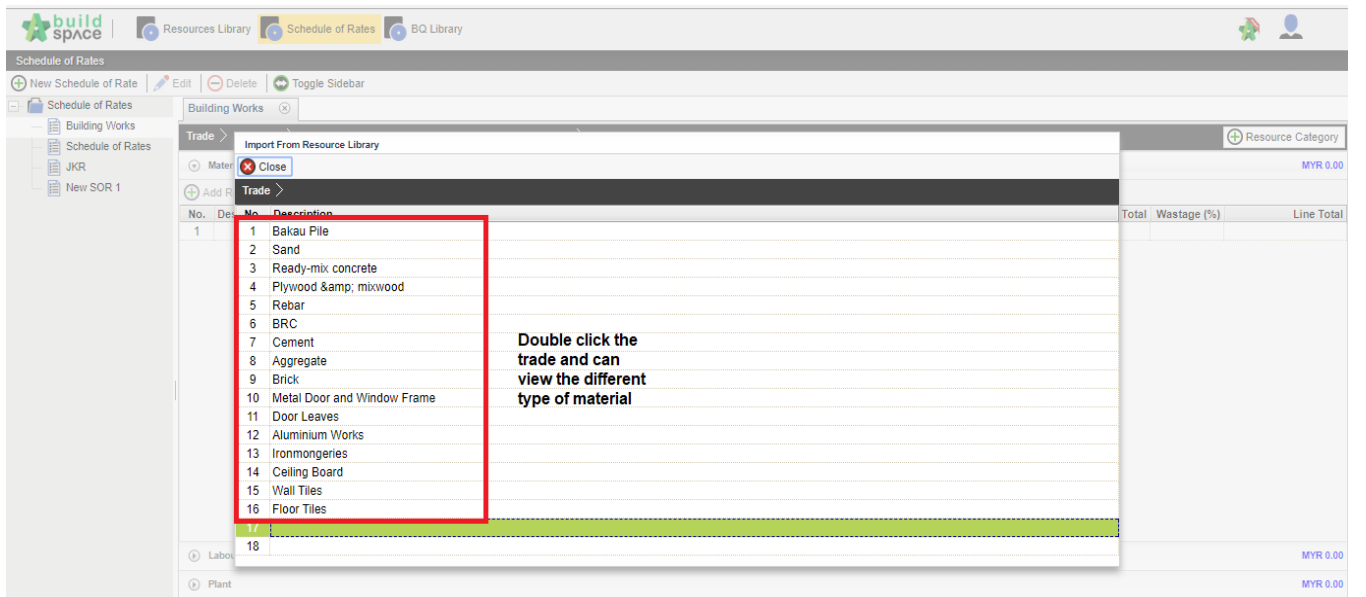
12. Resources will be categorized into different panels.



13. Click import from resources library



14. Choose type of trades which linked to resource library.



**The list of the trade is categorized based on resources category, for examples if import material rate from resource library, all resources with material rate will only listed from resource library.*

15. Select the material by tick at the small boxes.

No.	Description	Type	Constant	Unit	Rate	Wastage (%)
<input type="checkbox"/>	1 Ready Mixed	HEAD 1				
<input type="checkbox"/>	2 Ready Mix Concrete G15 (Normal)	ITEM				
<input type="checkbox"/>	3 Ready Mix Concrete G20 (Normal)	ITEM		m3	310.00	
<input type="checkbox"/>	4 Ready Mix Concrete G25 (Normal)	ITEM		m3	208.00	
<input type="checkbox"/>	5 Ready Mix Concrete G30 (Normal)	ITEM		m3	217.00	
<input type="checkbox"/>	6 Ready Mix Concrete G35 (Normal)	ITEM		m3	227.00	
<input type="checkbox"/>	7 Ready Mix Concrete G40	ITEM		m3	238.00	
<input type="checkbox"/>	8	ITEM				

16. Insert quantity based on each item. Total cost of the item will be calculated automatically once quantity and rate are inserted.

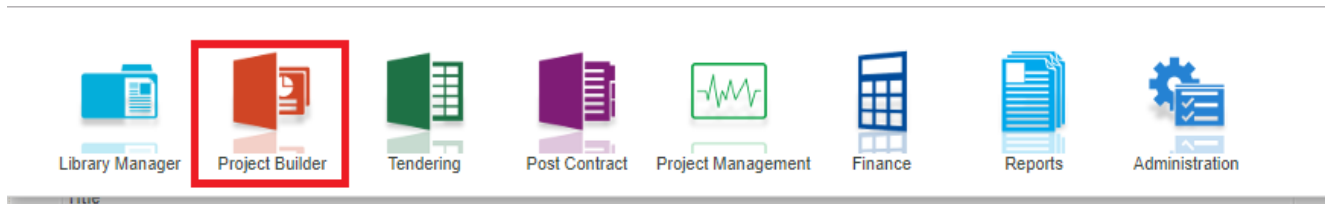
No.	Description	Number	Constant	Qty	Unit	Rate	Total	Wastage (%)
1	Ready Mix Concrete G20 (Normal)			1.00	m3	310.00	310.00	
2								

**The step is similar for labour, plant and total sub.*

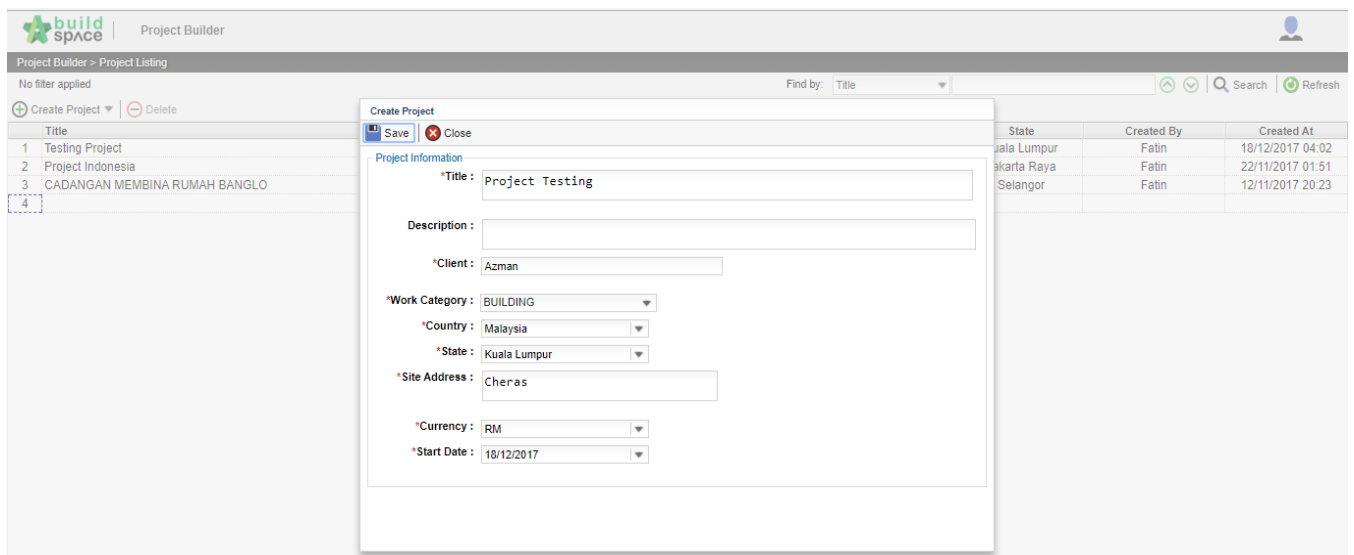
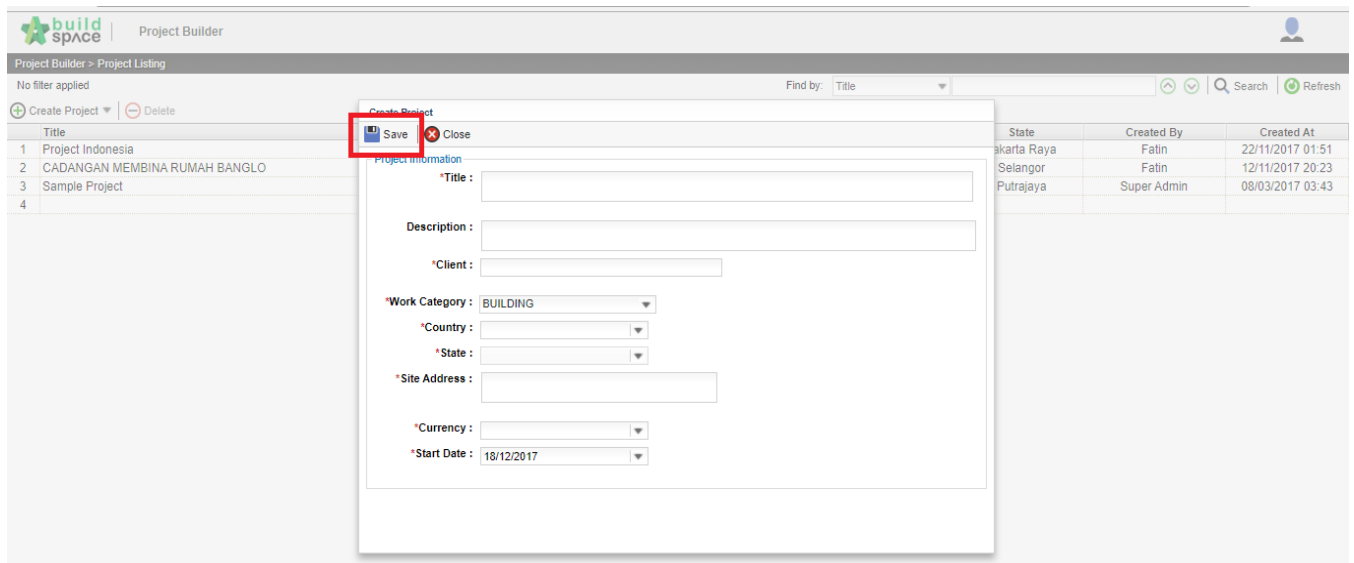
Project Builder

Create Project and add bills

1. Click the Buildspace logo and select **project builder**.



2. Click the create project and choose the **project information form** and insert project details. After that, click **Save**.



3. The new project shown at the top level automatically.

Title	Country	State	Created By	Created At
1 Project Testing	Malaysia	Kuala Lumpur	Fatin	18/12/2017 04:11
2 Testing Project	Malaysia	Kuala Lumpur	Fatin	18/12/2017 04:02
3 Project Indonesia	Indonesia	Jakarta Raya	Fatin	22/11/2017 01:51
4 CADANGAN MEMBINA RUMAH BANGLO	Malaysia	Selangor	Fatin	12/11/2017 20:23
5				

4. Double click the project and can view same with the picture.

No.	Description	Original Amount	Total Markup (%)	Total Markup (RM)	Overall Total	% Project	Recalculate
	Project Testing						

5. Click at project name or blank row below it, and then click at “Add Bill”.

No.	Description	Original Amount	Total Markup (%)	Total Markup (MYR)	Overall Total	% Project	Recalculate
	Project ABCDE						

Click at project name of blank row below it

6. There’s three type of bills for you to select, select “Normal Bill”;

No.	Description	Original Amount	Total Markup (%)	Total Markup (MYR)	Overall Total	% Project	Recalculate
	Project ABCDE						

7. Key in bill name and click “Save”.

Add Bill

Save Close

Bill Information

*Name: Bill No. 1 Preliminaries

Description:

Bill Type: Standard

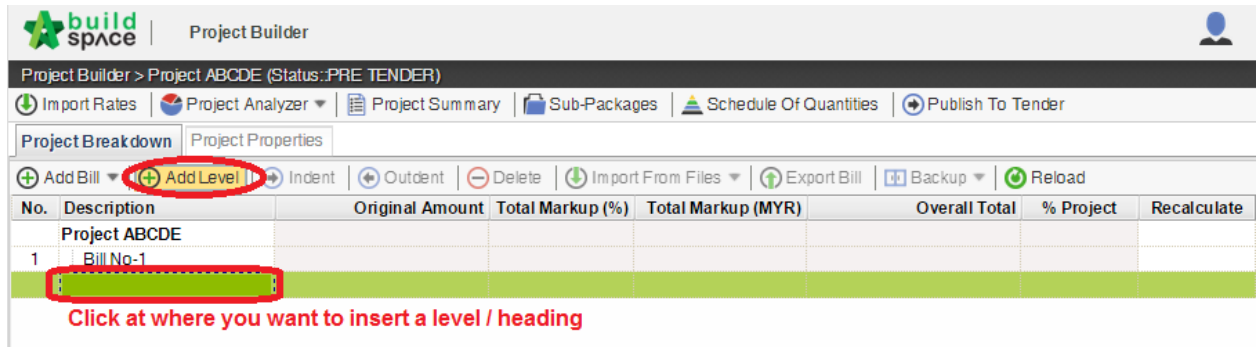
Bill with quantities and some items may set as provisional item

Unit Type: Metric

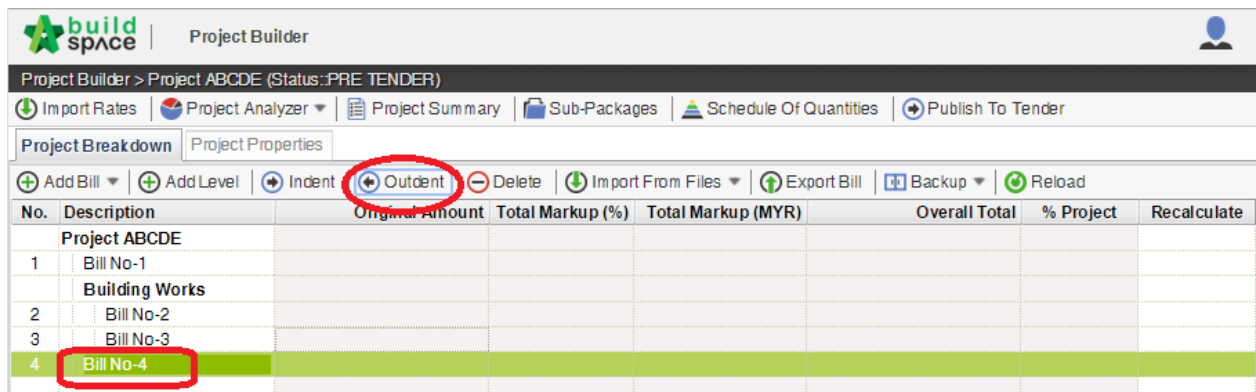
Build Up Qty Rounding: Round To The Nearest Whole Number

Build Up Rate Rounding: Return Exact Amount (2 decimal)

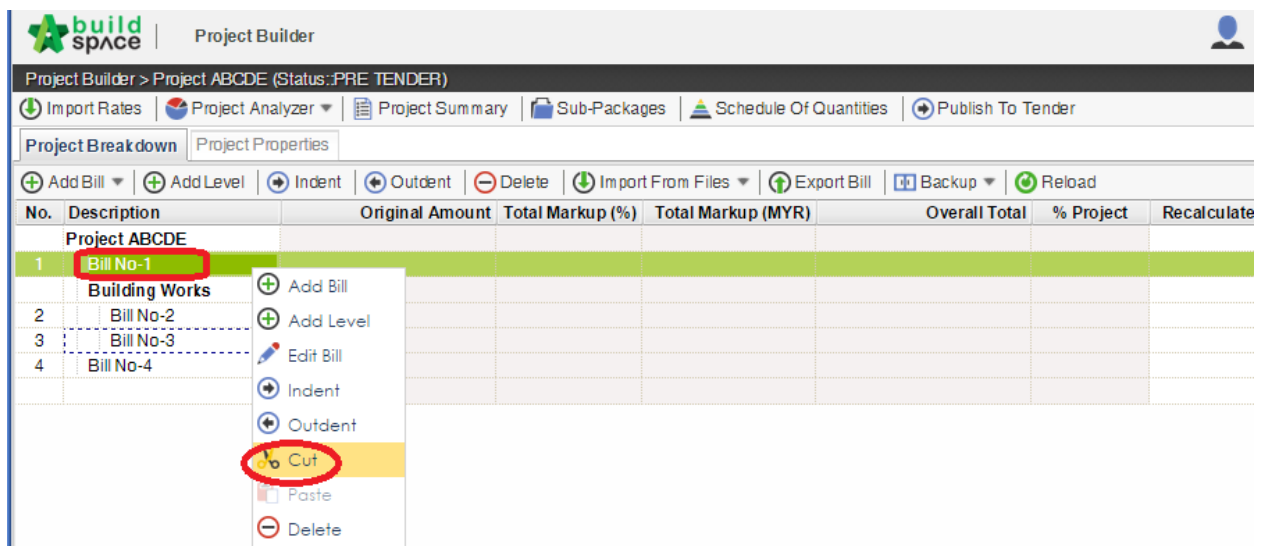
- Can add level if you want (to group bills with heading). Click at which row you want to insert heading and then click **“Add Level”**.



- Can indent/outdent bill under the **“Level”** description.



- Can cut & paste bill. Right click at a bill and select **“Cut”**. Then right click at the row that you want to paste and select **“Paste”** (it will paste above the selected row).



Open a bill, key in elements & items

7. **Double click** at a bill.

No.	Description	Original Amount	Total Markup (%)	Total Markup (MYR)	Overall Total	% Project
Project ABCDE						
1	Bill No-1					
Building Works						
2	Bill No-2					
3	Bill No-3					
4	Bill No-4					

8. Press “**Enter**” to key in element name and press “**Enter**” to save. Click at “**Project Breakdown**” to open other bills. **Double click** at element name to go to **item level**.

Note: You can use your keyboard's arrow key to move to other cell like Excel.

No	Description	% Job	Cost/m2	Total/Unit
1	Frame			
2	Upper Floor			

9. At item level, press “**Enter**” at all cells to edit and press “**Enter**” again to save.

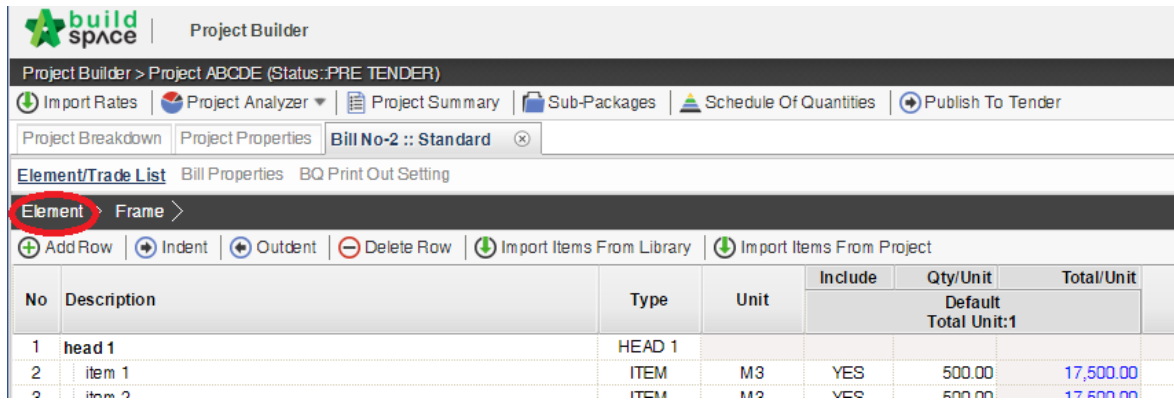
Note: You can use your keyboard's arrow key to move to other cell like Excel.

No	Description	Type	Unit	Include	Qty/Unit	Total/Unit	Rate
1	head 1	HEAD 1					
2	item 1	ITEM	M3	YES	500.00	17,500.00	35.00
3	item 2	ITEM	M3	YES	500.00	17,500.00	35.00
4	head 2	HEAD 2					
5	item a	ITEM	M3	YES	400.00	14,000.00	35.00
6	item b	ITEM	M3	YES	400.00	14,000.00	35.00
7		ITEM		YES			

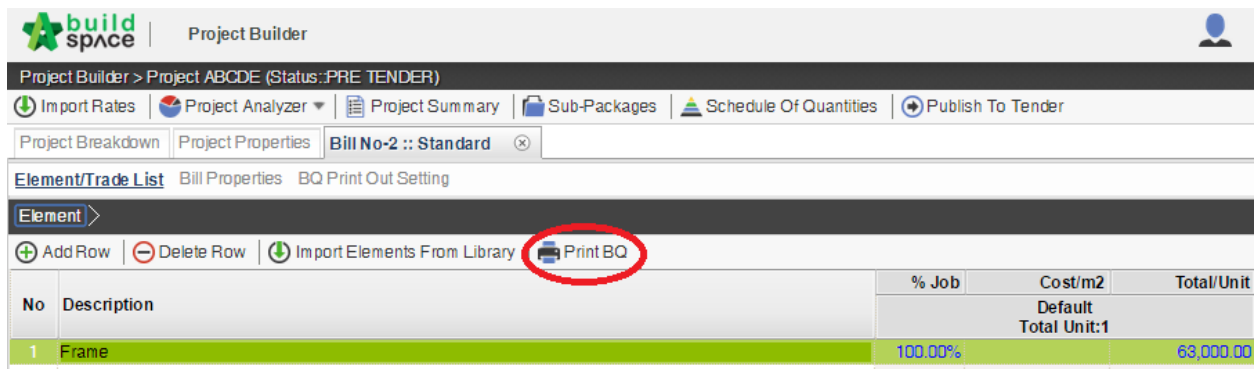
Press "Enter" to edit & press "Enter" to save all cells here.

Double click "Qty" & "Rate" cell to go to build up level.

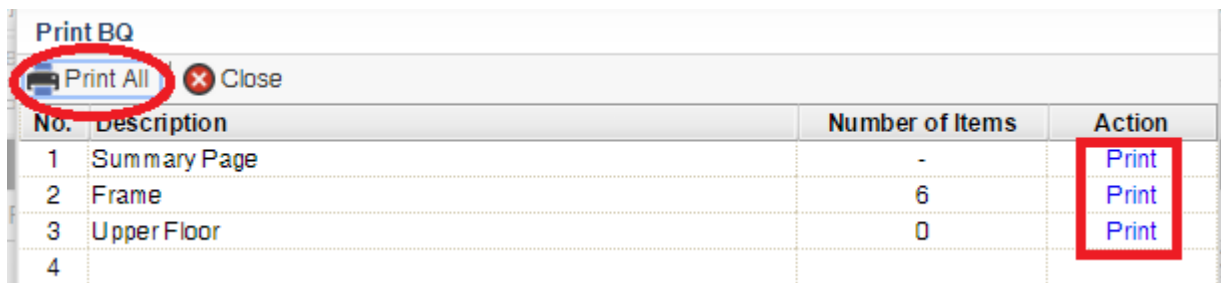
10. Click at “Element” to go back to element level to print BQ.



11. Click at “Print BQ”.



12. You have option to print by elements or print all.



Note: Please make sure your item descriptions in proper “**hierarchy**” (indent/outdent). It will affect the auto printing of continuous **HEADING** at next page.

How to import BQ from Excel

- Note:**
- You can import all sheets at the same time
 - Make sure you had unmerged all cells

1. Open Microsoft Excel BQ file. Delete headings and unnecessary descriptions.

	A	B	C	D	E	F	G
4							
5		Item	Delete these rows, no need these headings	Unit	Quantity	Rate	RM
6							
7							
8			Bill No. 3.1				
9			WORK BELOW GROUND FLOOR LEVEL				
10			Excavate oversite, commencing from platform level				
11							
12							
13							
14		A.	Not exceeding 250mm, to reduce level.	m ³	125	3.50	437.50

2. Then you will see like this and the description at **first row** will be imported as “**Element**” name in BuildSpace. Make sure the following;
 - a) Have a **blank row** between each item description
 - b) Unit, Qty & Rate are located at **same row** with item description

	A	B	C	D	E	F	G
1			WORK BELOW GROUND FLOOR LEVEL				
2							
3			Excavate oversite, commencing from platform level				
4							
5							
6		A.	Not exceeding 250mm, to reduce level.	m ³	125	3.50	437.50
7							
8			Excavate, commencing from reduce level.				
9							
10		B.	Maximum depth not exceeding 2.00m deep, for footings.	m ³	188	8.50	1,598.00
11							
12							
13		C.	Maximum depth not exceeding 2.00m but not exceeding 4.00 deep, for footings.	m ³	554	10.50	5,817.00
14							
15							
16		D.	Maximum depth not exceeding 1.00m deep, for ground beams	m ³	469	8.50	3,986.50
17							
18							
19		E.	Maximum depth not exceeding 1.00m deep, for trenches.	m ³	33	8.50	280.50
20							

c) Delete **page total** and description with “Cont’d” (because BuildSpace auto generate).

	A	B	C	D	E	F	G
1							
2	43	L.	Excavated materials	m ³	936	3.00	2,808.00
3	44						
4	45		Hardcore, consolidated and blinded to receive				
5	46		concrete				
6	47						
7	48	M.	150mm (consolidated thickness), under floor.	m ³	532	9.50	5,054.00
8	49						
9	50						
0	51				To Collection		33,560.00
1	52		PERPUSTAKAAN				
2	53		08/1409 - UiTM ARAU, PERLIS				
3	54			3.1/1			
4	55						
5	56		Work Below Ground Floor Level (Cont'd)				
6	57						
7	58		Damp proof membrane, well lapped in the joints				
8	59		and sealed with approved pressure sensitive tape,				
9	60		turned up against wall for at least the full thickness				
0	61		of floor (measured nett : allow for laps and turn				
1	62		up)				

d) Delete **collection page** and the rest of unnecessary descriptions.

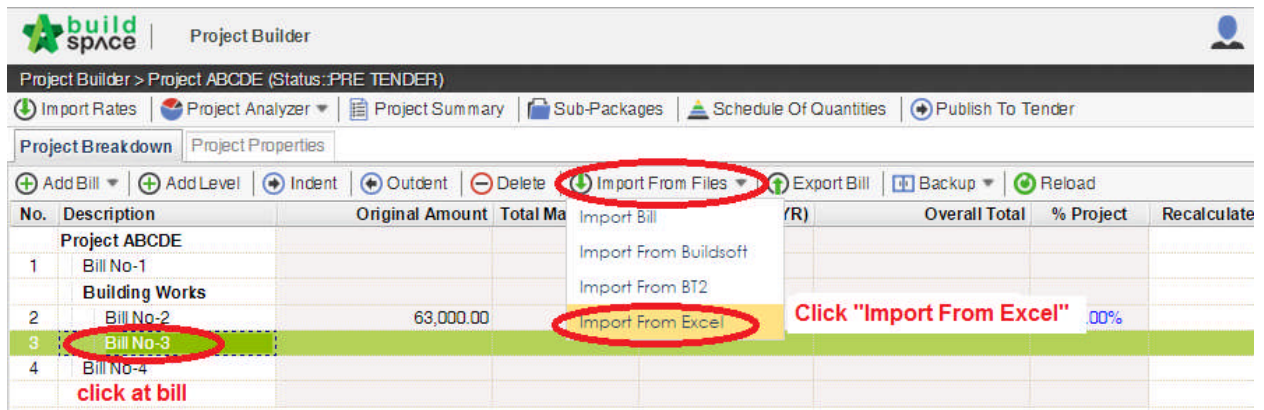
	A	B	C	D	E	F	G
346			Page No. 3.1/2				#REF!
347							
348			Page No. 3.1/3				#REF!
349							
350			Page No. 3.1/4				#REF!
351							
352			Page No. 3.1/5				#REF!
353							
354			Page No. 3.1/6				#REF!
355							
356			Page No. 3.1/7				7,961.00
357							
358							
359						RM	#REF!
360			Bill No. 3.1 - WORK BELOW GROUND FLOOR LEVEL				
361							
362			To Summary				
363							
364							

3. Repeat the above steps for other sheets and make sure each sheets have same position of Description, Unit, Qty & Rate such as if description at sheet 1 is located at column “C”, make sure description at other sheets also at column “C”.

	A	B	C	D	E	F	G
139							
140		M.	Reference No. B6 (weight 3.73kg per sq. m), in floors	m ²	314	17.68	5,551.52
141							
142							
143		N.	Reference No. A8 (weight 3.95kg per sq. m), in trench bases.	m ²	38	18.80	714.40
144							
145							
146		P.	Reference No. B7 (weight 4.53kg per sq. m), in trench wall	m ²	75	21.50	1,612.50
147							
148							
149							
150							
151							
152							

Make sure all sheets' description, unit, qty & rate are located at same column. For example, if description at this sheet is column "C", then make sure other sheet's description column also located at column "C".

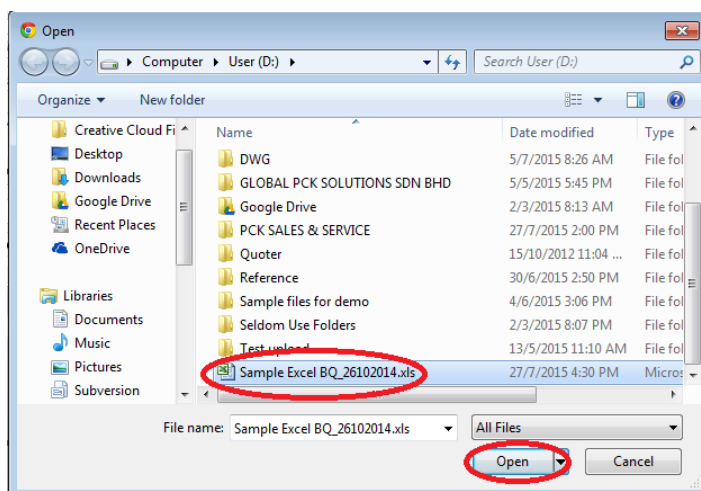
- After that save or save as the excel file. Open a project at **BuildSpace** and click at the bill that you want to import BQ into it. Then click at **"Import From Files"** icon and select **"Import From Excel"**.



- Click at **"Select File"**.



- Select excel file and click at **"Open"**.



7. Then the system will process and the following table will pop up. **Match the columns** by click at drop down arrow. Then click **“Import”**.

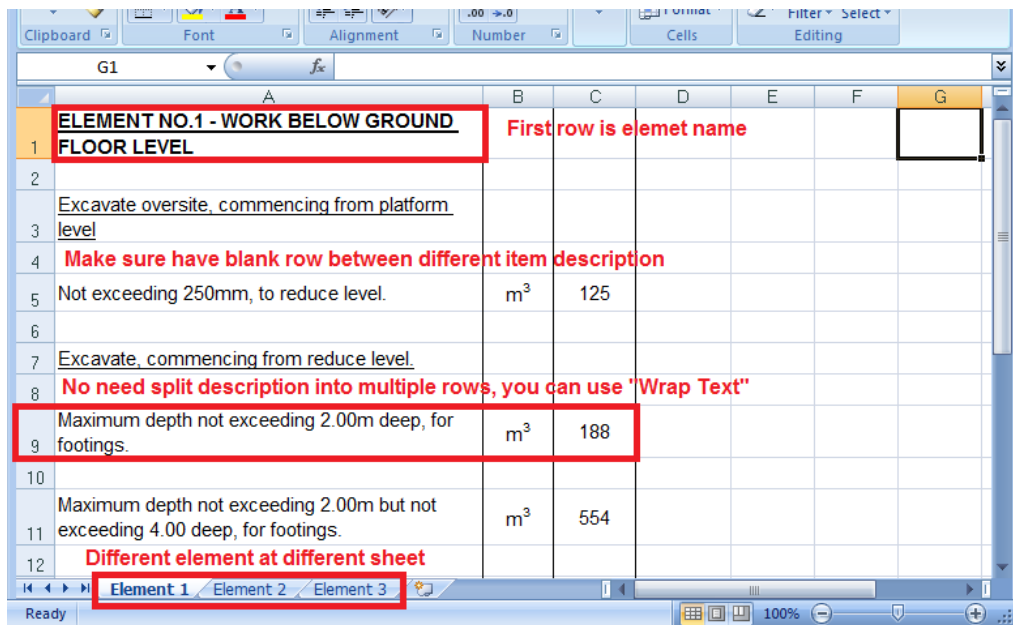
8. Then you can tick which element you want to import or tick all and select **“Rate”** and/or **“Quantity”** if you want to import with Rate or Quantity. After that click at **“Import”**.

No.	Description	Item Count	Error
1	WORK BELOW GROUND FLOOR LEVEL	126	0
2	FRAME	26	0
3	UPPER FLOORS	16	0
4	STAIRCASE, STEPS AND RAMP CONSTRUCTION	36	0

Note: You can continue prepare BQ in Excel format and Import into BuildSpace

Note: If you want to import from multi columns Excel BQ, please refer to <http://buildsoft.com.my/How%20to%20import%20multi%20columns%20Excel%20BQ.pdf>

9. If you use to prepare BQ in Excel format, you still can do that and you **no need** to prepare the following at your Excel BQ;
- Bill reference number
 - Page total
 - Collection page



10. Follow the **step 4 to 8** to import. After imported into BuildSpace, you need to change the **ITEM type** in BuildSpace by go to **item level** and press “**Enter**” at “Type” cell, then click at **drop down arrow** to select the type and press “**Enter**” again to save. Besides, you also need to double check the “**heading**” by **Indent** or **Outdent** the headings.

Note: You can use your keyboard’s arrow key to move to other cell like Excel.

No	Description	Type	Unit	Include	Qty/Unit	Total/Unit	Rate
20	Reinforced Concrete Step	HEAD 2					
21	Vibrated reinforced concrete Grade 35/20, as specified, in,	HEAD 2					
22	Step	ITEM	M3	YES	6.00	1,374.00	229.00
23	Hot rolled steel deformed reinforcement (High yield 60, minimum yield stress 460N per sq. mm)	HEAD 2					
24	8mm Diameter, in steps.	ITEM	KG	YES	80.00	320.00	4.00
25	12mm Diameter, in steps.	HEAD-N	KG	YES	869.00	3,476.00	4.00
26	Class F1 formwork finish, to,	ITEM					
27	Riser, not exceeding 250mm high.	ITEM-HE	M	YES	69.00	455.40	6.60
28	Sides of raking open edge of steps, exceeding 250mm but not exceeding 500mm high.	ITEM-PC	M	YES	1.00	13.20	13.20
29	Reinforced Concrete Step	ITEM-NL					
30	Vibrated reinforced concrete Grade 35/20, as specified, in,	ITEM-LS					
31	Ramps, exceeding 100mm but not exceeding 1500mm thick.	ITEM-LS%	M3	YES	1.00	229.00	229.00
32	Extra for ramp, for forming groove lines.	ITEM-LSX	M2	YES	6.00	206.10	34.35
33	Hot rolled steel deformed reinforcement (High yield 60, minimum yield stress 460N per sq. mm)	NOID					

11. The following shows the common item types that you need to change if you have;

- Rate Only item** – change item type to “**ITEM-RO**”
- Lump Sum item** – change item type to “**ITEM-LS**”
- Provisional SUM or PC SUM item** – change item type to “**ITEM-LSX**”
- Profit & Attendance item** – change item type to “**ITEM-LS%**”, then **double click** at “**Rate**” cell to key in your amount and click “**Save**”.

Lump Sum Percentage

Save Close

Rate and Percentage

*Amount : RM 1,000,000.00

*Percentage (%) : 0.00

Total : RM 0.00

- e) **Prime Cost Rate item** – change item type to “**ITEM-PC**”, then **double click** at “**Rate**” cell to key in your **supply rate** and click “**Save**”.

Prime Cost Rate

Save Close

Rate Per No.

*Supply Rate : RM 200

Wastage (%) : 0.000 RM 0.00

Labour For Installation : RM 0.00

Other Cost : RM 0.00

Profit (%) : 0.000 RM 0.00

Total : RM 200.00

- f) **Allow for any other item** to be keyed in by the contractor – change item type to “**ITEM-NL**”
- g) **For other item types, please visit**
<http://forum.buildspace.my/viewtopic.php?f=17&t=32>
- h) **Other tutorials** <http://forum.buildspace.my/viewforum.php?f=17>

Import Rate

Note: You need to setup own costing library at Library Manager module before using Import Rate function. Please refer [page 1](#) on how to setup costing library at Library Manager.

1. Click the import rate to import rate from Schedule of Rates.

The screenshot shows the 'Project Builder' interface. The 'Import Rates' menu item is highlighted with a red box. Below it, a table displays a list of construction items with their respective rates.

No	Description	Type	Unit	Include	Qty/Unit Default Total Unit:1	Total/Unit	Rate
1	Excavate, get out, remove surplus excavated materials off site	HEAD 1					
2	Oversite excavation, to reduce level, 150mm deep.	ITEM	M2	YES	567.00	2,126.25	3.75
3	Excavate, get out, part return, fill in and ram, remove surplus excavated materials, deposit, spread and level where directed within the site	HEAD 1					
4	Not exceeding 1.50m deep, for pile caps.	ITEM	M3	YES	64.00	960.00	15.00
5	Not exceeding 1.00m deep, for ground beams.	ITEM	M3	YES	61.00	915.00	15.00
6	Hardcore, consolidated and blinded to receive concrete	HEAD 1					
7	150mm (Consolidated thickness), under floors.	ITEM	M2	YES	567.00	4,677.75	8.25
8	Damp proof membrane, well lapped in the joints and sealed with approved pressure sensitive tape, turned up against wall for at least the full thickness of floor (measured nett allow for laps and turn up)	HEAD 1					
9	Single layer 0.25mm thick (heavy duty) polythene sheet vapour barrier, under floors.	ITEM	M2	YES	567.00	1,701.00	3.00
10	Concrete Grade 15, as specified, in,	HEAD 1					
11	50mm Blinding, under pile caps.	ITEM	M2	YES	29.00	314.65	10.85
12	50mm Blinding, under ground beams.	ITEM	M2	YES	97.00	1,052.45	10.85
13	50mm Blinding, under floors.	ITEM	M2	YES	567.00	6,151.95	10.85
14	Vibrated reinforced concrete Grade 30, as specified, in,	HEAD 1					
15	Pile caps	ITEM	M3	YES	20.00	4,840.00	242.00
16	Column stumps (Provisional)	ITEM	M3	YES	9.00	2,178.00	242.00
17	Ground Beams	ITEM	M3	YES	56.00	13,552.00	242.00
18	125mm Thick floors.	ITEM	M2	YES	89.00	2,692.25	30.25
19	150mm Thick floors.	ITEM	M2	YES	478.00	17,351.40	36.30

2. Double click to choose type of Schedule of Rates (Upper panel) and type of bills (Lower panel).

The screenshot shows the 'Project Builder' interface with two panels highlighted by red boxes. The top panel is titled 'Schedule of rate depends on the schedule of rate at the library manager' and the bottom panel is titled 'The project need to used import rate'.

Schedule of Rates Panel:

No.	Title
1	JKR
2	Master Rates
3	M&E SOR
4	

Sample Project Panel:

No.	Description	Bill Type
1	BILL NO.1 -GENERAL CONDITIONS & PRELIMINARIES	Preliminary
2	BILL NO.2 - PILING WORKS	Standard but Provisional
Building Works		
3	BILL NO.3 - MULTI TYPES	Standard
4	BILL NO.4 - SINGLE TYPE	Standard
5	BILL NO.5 - PROVISIONAL SUM	Prime Cost & Provisional

Project Builder

Project Builder > Import Rates - Sample Project

Back to Project Builder

Schedule of Rates

No filter applied Find by: Title Search Refresh

No.	Title	Bill Type
1	JKR	Preliminary
2	Master Rates	Standard but Provisional
3	M&E SOR	Standard
4		Standard
5		Prime Cost & Provisional

Double click the which schedule of rate to used the rate

Sample Project

No filter applied Find by: Description Search Refresh

No.	Description	Bill Type
1	BILL NO.1 -GENERAL CONDITIONS & PRELIMINARIES	Preliminary
2	BILL NO.2 - PILING WORKS	Standard but Provisional
3	Building Works	Standard
4	BILL NO.3 - MULTI TYPES	Standard
5	BILL NO.4 - SINGLE TYPE	Prime Cost & Provisional
5	BILL NO.5 - PROVISIONAL SUM	Prime Cost & Provisional

Double click the bill and can view the element have in the bill

3. Tick at the small boxes (at left hand side) to select items for import rate, and then click the **Import**.

Project Builder

Project Builder > Import Rates - Sample Project

Back to Project Builder

Schedule of Rates > Master Rates > Vibrated Reinforced Concrete

No filter applied Find by: Description Search Refresh

No.	Description	Type	Unit	Rate	Import Rate
1	Concrete grade 15 (50mm thk lean concrete)	ITEM	M3	10.44	Import
2	Concrete grade 15 (75mm thk lean concrete)	ITEM	M3	13.66	Import
3	Sample Concrete Grade 15	ITEM	M3	163.75	Import
4	Concrete Grade 15	ITEM	M3	163.75	Import
5	Concrete grade 20	ITEM	M3	256.45	Import
6	Concrete grade 25	ITEM	M3	235.85	Import
7	Concrete grade 30	ITEM	M3	241.00	Import
8	Concrete grade 35	ITEM	M3	269.84	Import
9	Concrete grade 40	ITEM	M3	281.17	Import
10	Concrete grade 45	ITEM	M3	292.50	Import
11	Sample Grade 20	ITEM	M3	256.45	Import

Sample Project > BILL NO.3 - MULTI TYPES > Bill No. B.3/1 - WORK BELOW GROUND FLOOR LEVEL

No filter applied Find by: Description Search Refresh

No.	Description	Type	Unit	Rate
<input type="checkbox"/>	6 150mm (Consolidated thickness), under ground beam.	ITEM	M2	8.25
<input type="checkbox"/>	7 Damp proof membrane, well lapped in the joints and sealed with approved pressure sensitive tape, turned up against wall for at least the full thickness of floor (measured nett allow for laps and turn up)	HEAD 1		
<input type="checkbox"/>	8 Single layer 0.25mm thick (heavy duty) polythene sheet vapour barrier, under raft foundation.	ITEM	M2	3.00
<input type="checkbox"/>	9 Single layer 0.25mm thick (heavy duty) polythene sheet vapour barrier, under ground beam.	ITEM	M2	3.00
<input type="checkbox"/>	10 Concrete Grade 15, as specified, in,	HEAD-N 1		
<input checked="" type="checkbox"/>	11 50mm Blinding, under raft foundation.	ITEM	M2	10.85
<input type="checkbox"/>	12 50mm Blinding, under ground beam.	ITEM	M2	10.85
<input type="checkbox"/>	13 Vibrated reinforced concrete Grade 30, as specified, in,	HEAD 1		
<input type="checkbox"/>	14 Raft foundations.	ITEM	M3	242.00
<input type="checkbox"/>	15 Ground beam	ITEM	M3	242.00
<input type="checkbox"/>	16 Hot rolled steel deformed reinforcement (Mild Steel, minimum yield stress 250N per sq. mm)	HEAD 1		

4. Once clicked **Import**, imported rate will be shown in green colour (linked to Schedule of Rates).

Project Builder | Project Builder

Project Builder > Import Rates - Sample Project

Back to Project Builder

Schedule of Rates > Master Rates > Vibrated Reinforced Concrete >

No filter applied

No.	Description	Type	Unit	Rate	Import Rate
1	Concrete grade 15 (50mm thk lean concrete)	ITEM	M3	10.44	Import
2	Concrete grade 15 (75mm thk lean concrete)	ITEM	M3	13.66	Import
3	Sample Concrete Grade 15	ITEM	M3	163.75	Import
4	Concrete Grade 15	ITEM	M3	163.75	Import
5	Concrete grade 20	ITEM	M3	256.45	Import
6	Concrete grade 25	ITEM	M3	235.85	Import
7	Concrete grade 30	ITEM	M3	241.00	Import
8	Concrete grade 35	ITEM	M3	269.84	Import
9	Concrete grade 40	ITEM	M3	281.17	Import
10	Concrete grade 45	ITEM	M3	292.50	Import
11	Sample Grade 20	ITEM	M3	256.45	Import

Sample Project > BILL NO 3 - MULTI TYPES > Bill No. B.3/1 - WORK BELOW GROUND FLOOR LEVEL >

No filter applied

No.	Description	Type	Unit	Rate
6	150mm (Consolidated thickness), under ground beam.	ITEM	M2	8.25
7	Damp proof membrane, well lapped in the joints and sealed with approved pressure sensitive tape, turned up against wall for at least the full thickness of floor (measured nett allow for laps and turn up)	HEAD 1		
8	Single layer 0.25mm thick (heavy duty) polythene sheet vapour barrier, under raft foundation.	ITEM	M2	3.00
9	Single layer 0.25mm thick (heavy duty) polythene sheet vapour barrier, under ground beam.	ITEM	M2	3.00
10	Concrete Grade 15, as specified, in,	HEAD-N 1		
11	50mm Blinding, under raft foundation.	ITEM	M2	10.44
12	50mm Blinding, under ground beam.	ITEM	M2	10.44
13	Vibrated reinforced concrete Grade 30, as specified, in,	HEAD 1		
14	Raft foundations.	ITEM	M3	242.00
15	Ground beam	ITEM	M3	242.00
16	Hot rolled steel deformed reinforcement (Mild Steel, minimum yield stress 250N per sq. mm)	HEAD 1		

The import rate in green colour when they used import rate

Apply Mark Up Function

1. To active Mark-Up function, click **bill properties** and click the icon at the **action column**. Then change “No” to “Yes” in **Enable** column.

Project Builder | Project Builder

Project Builder > Project Testing (Status: PRE TENDER)

Import Rates | Project Analyzer | Project Summary | Sub-Packages | Schedule Of Quantities | Location Management | Publish To Tender

Project Breakdown | Project Properties | BILL NO 3 - Multi Type :: Standard

Element/Trade List | Bill Properties | BQ Print Out Setting

Bill Information

Title: BILL NO 3 - Multi Type

Description:

Rate Rounding Options: Return Exact Amount (2 decimal)

Qty Rounding Options: Round To The Nearest Whole Number

Unit Type: Metric

Bill Type: Standard

Markup Settings

No.	Name	Enable	Action	Rounding Options	Action
1	Element Markup	NO		Options	
2	Item Markup	NO		Return Exact Amount (2 decimal)	

Click this icon to edit

Project Builder | Project Builder

Project Builder > Project Testing (Status: PRE TENDER)

Import Rates | Project Analyzer | Project Summary | Sub-Packages | Schedule Of Quantities | Location Management | Publish To Tender

Project Breakdown | Project Properties | BILL NO 3 - Multi Type :: Standard

Element/Trade List | Bill Properties | BQ Print Out Setting

Element

Add Row | Delete Row | Import Elements From Library | Print BQ

m2	Total/Unit	% Job	Cost/ft2	Total/Unit	% Job	Cost/ft2	Total/Unit	Grand Total	Markup (%)	Markup (RM)	Total (%) Markup	Total (RM) Markup	Overall Total After Markup	% Job
Lot	Intermediate Lot			End Lot					Element Markup			(Item Element) Markup Summary		
tit:1														

Column markup for element and items already active

Project Analyser

1. Click the project analyser to view the **resources and schedule of rates analysis.**

Project Builder

Project Builder > Sample Project (Status: PRF TENDER)

Import Rates **Project Analyser** Project Summary Sub-Packages Schedule Of Quantities Location Management Publish To Tender

Project Breakdown Project Properties

Add Bill Add Level Indent Outdent Delete Import From Files Export Bill Backup Define Locations Reload

No.	Description	Original Amount	Total Markup (%)	Total Markup (RM)	Overall Total	% Project	Recalculate
Sample Project							
1	BILL NO.1 -GENERAL CONDITIONS & PRELIMINARIES	852,500.00			852,500.00	2.55%	
2	BILL NO.2 - PILING WORKS	1,179,754.88			1,179,754.88	3.53%	
Building Works							
3	BILL NO.3 - MULTI TYPES	11,433,793.70			11,433,793.70	34.17%	
4	BILL NO.4 - SINGLE TYPE	3,365,002.93			3,365,002.93	10.06%	
5	BILL NO.5 - PROVISIONAL SUM	16,626,000.00			16,626,000.00	49.69%	

2. The view when select schedule of rate analysis.

Project Builder

Project Builder > Project Analyser - Sample Project

Back to Project Builder

Schedule Of Rates

No.	Name	Total Cost
1	JKR	2,015,672.00
2	Master Rates List the schedule of rate used the rate	197,055.00
3	UNSORTED	9,471,584.51
4		

3. The view when select resources analysis.

Project Builder

Project Builder > Project Analyser - Sample Project

Back to Project Builder

Resources

No.	Description	Total Cost
1	Materials Divided in the material, labour and plant	1,808,668.85
2	Labour	95,805.95
3	Plant	113,470.68
4		

Project Builder

Project Builder > Project Analyser - Sample Project

Back to Project Builder

Schedule Of Rates > Master Rates

No.	Description	Total Cost
1	Vibrated Reinforced Concrete Double click and can view the item	197,055.00
2		

4. Double click into resources and schedule of rate analysis.
5. Item Mark Up able to insert in Schedule of Rates analysis by pressing Enter and insert manually.
(Note: To apply mark up by trade, make sure you had activated the markup function for the specific bill, please refer to page 17 (Apply Mark Up Function) for more details.)

Project Builder

Project Builder > Project Analyser - Sample Project

Back to Project Builder

Schedule Of Rates > Master Rates > Vibrated Reinforced Concrete

No.	Description	Unit	Rate	Item Markup (%)	Total Qty	Total Cost
1	Concrete grade 15 (50mm thk lean concrete)	M3	10.44		18,875.00	197,055.00
2						

- Press enter at the **total qty** to **change the quantity**, double click at the rate and can view the build-up rate and press enter at the column rate to change the rate.

build space | Project Builder 👤

Project Builder > Project Analyzer - Sample Project

🔍 Back to Project Builder

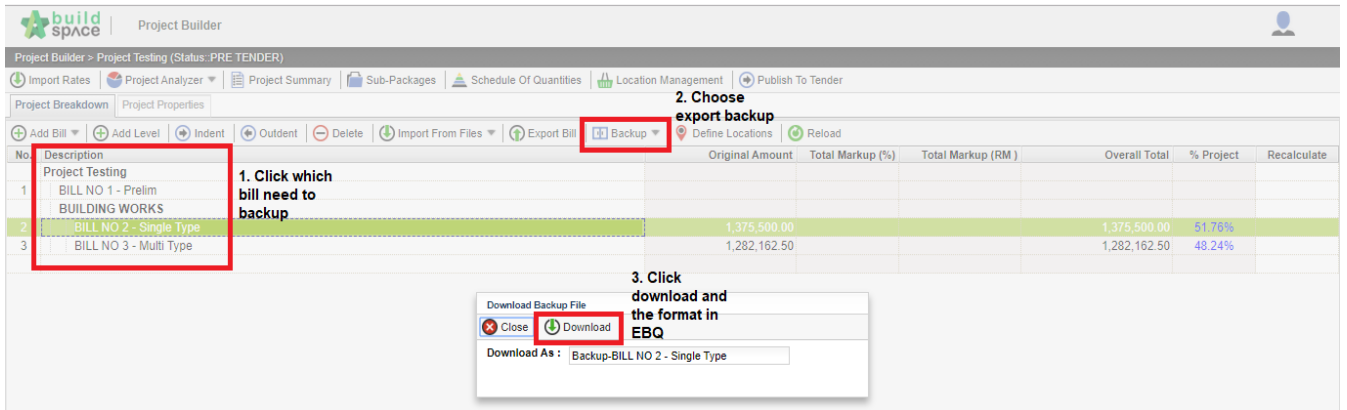
Schedule Of Rates > JKR > Concretor > Concrete grade 20P (1:2.4-20mm gauge granite) as specified i...

No.	Description	Unit	Total Qty	Rate	Total	Item Markup (%)
1	BILL NO.4 - SINGLE TYPE > Bill No. B.4/2 - FRAME					
2	Hot rolled steel reinforcement (Mild steel, minimum yield stress 250N per sq. mm)					
3	10mm Diameter, in roof beam (link).	KG	56.00	178.00	9,968.00	10.00%
4	Hot rolled steel deformed reinforcement (High Yield 60, minimum yield stress 460N per sq. mm)					
5	25mm Diameter, in column.	KG	657.00	178.00	116,946.00	10.00%
6	20mm Diameter, in column.	KG	1,054.00	178.00	187,612.00	10.00%
7	16mm Diameter, in column.	KG	3,080.00	178.00	548,240.00	10.00%
8	12mm Diameter, in column.	KG	376.00	178.00	66,928.00	10.00%
9	25mm Diameter, in floor beam.	KG	804.00	178.00	143,112.00	10.00%
10	20mm Diameter, in floor beam.	KG	971.00	178.00	172,838.00	10.00%
11	16mm Diameter, in floor beam.	KG	1,429.00	178.00	254,362.00	10.00%
12	12mm Diameter, in floor beam.	KG	105.00	178.00	18,690.00	10.00%
13	20mm Diameter, in roof beam.	KG	905.00	178.00	161,090.00	10.00%
14	16mm Diameter, in roof beam.	KG	624.00	178.00	111,072.00	10.00%
15	12mm Diameter, in roof beam.	KG	331.00	178.00	58,918.00	10.00%
16	Sawn formwork, to,					
17	Sides of columns.	M2	452.00	178.00	80,456.00	10.00%
18	Sides and soffit of floor beams.	M2	292.00	178.00	51,976.00	10.00%
19	Sides and soffit of roof beams.	M2	188.00	178.00	33,464.00	10.00%
20						

Backup

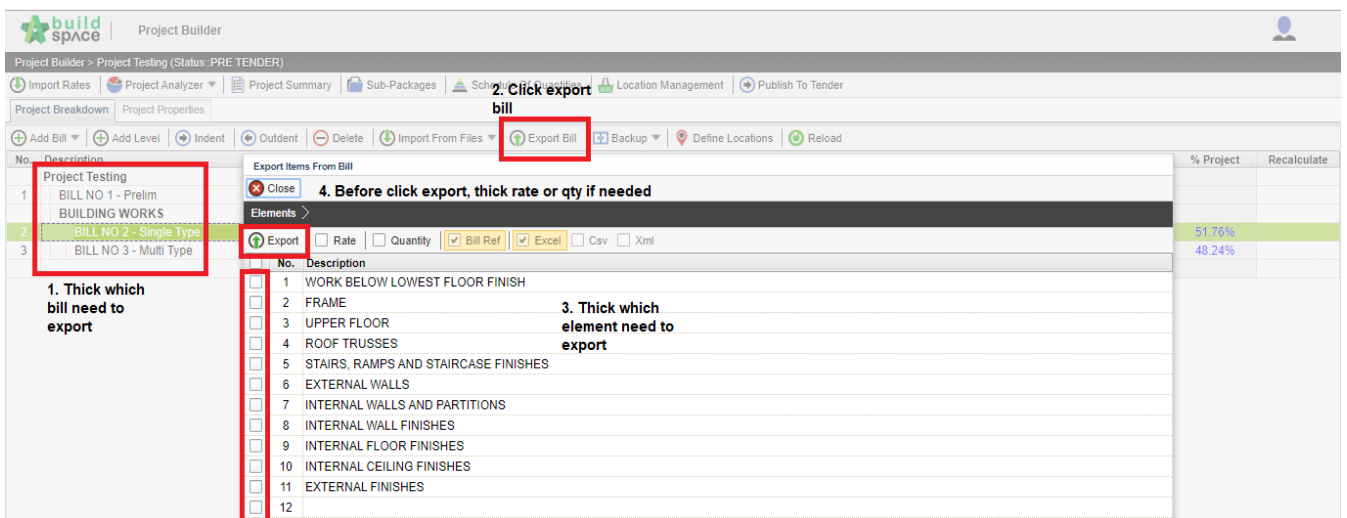
Note: You can back up your BQ in ebq format (which only can be opened by Buildspace Pro)

1. For **backup** the BQ file, follow the sequence in this picture.

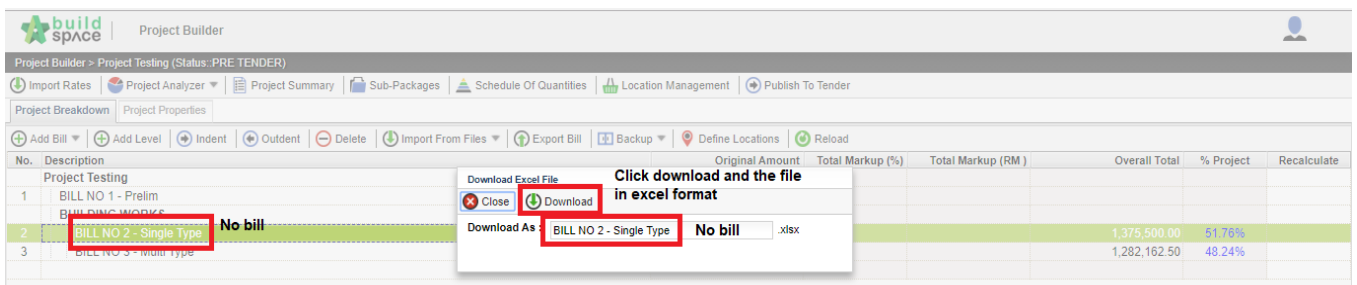


Export Bills (Excel Format)

1. The purpose of **Export Bill** is similar with the Backup. Export Bill is in excel format however Backup is in the EBQ format.
2. You can tick to import Rate/Quantity together.



3. Choose which element to export before download.



How to print out BQ

Note: You can print out the BQ by bills

- To print the BQ, double click at the bill that you want to print, then click **Print BQ**. (*Print BQ button is located at Element Level*)

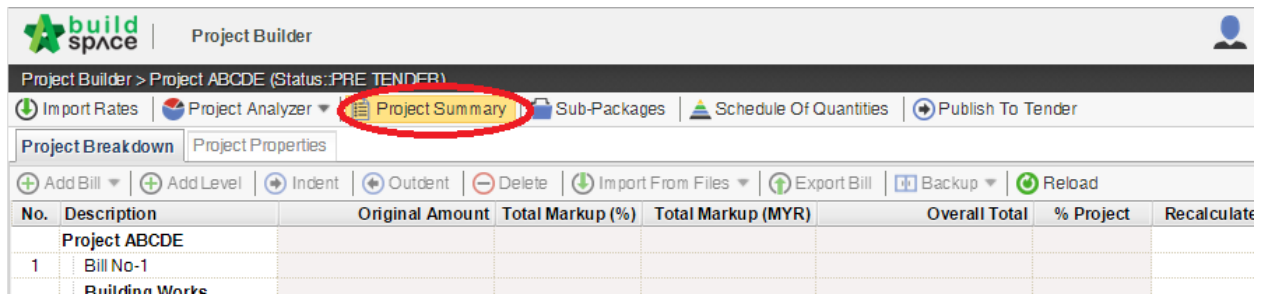
The screenshot shows the 'Project Builder' interface for 'Project Testing (Status: PRE TENDER)'. The 'Element' level is selected, and the 'Print BQ' button is highlighted with a red box. Below the button is a table with columns: No, Description, % Job, Cost/m2, Total/Unit, % Job, Cost/ft2, Total/Unit, % Job, Cost/ft2, Total/Unit. The first row shows '1 WORK BELOW LOWEST FLOOR FINISH' with values: 100.00%, 65,500.00, 100.00%, 57,312.50, 100.00%, 70,412.50.

You can either print all or print by specific element.

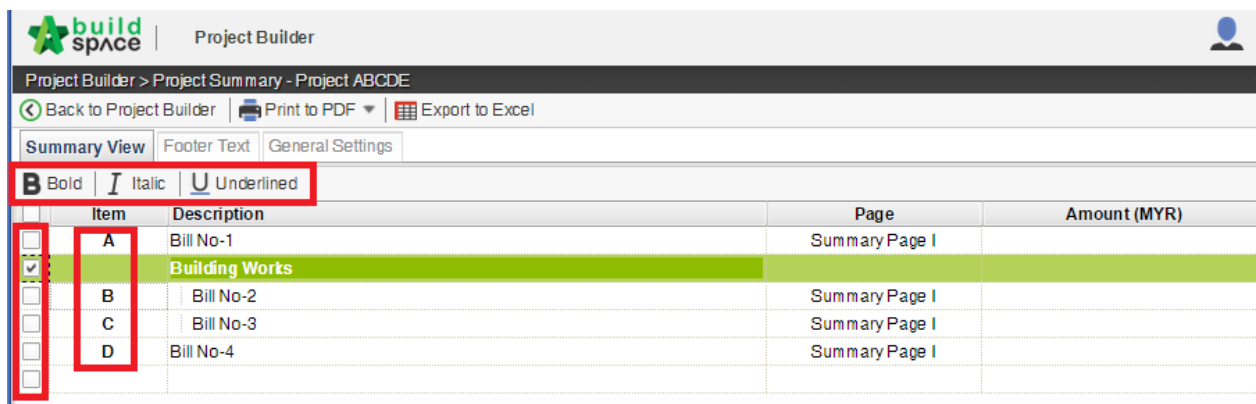
The screenshot shows the 'Project Builder' interface with the 'Print BQ' dialog box open. The dialog box has a title bar 'Print BQ' and a subtitle 'All elements'. It contains a table with columns: No, Description, Number of Items, and Action. The 'Print All' button is highlighted with a red box. The 'Action' column contains 'Print' buttons for each row, which are also highlighted with a red box. The background shows the same table as the previous screenshot, but with the 'Print BQ' dialog box overlaid.

How to print project/tender summary

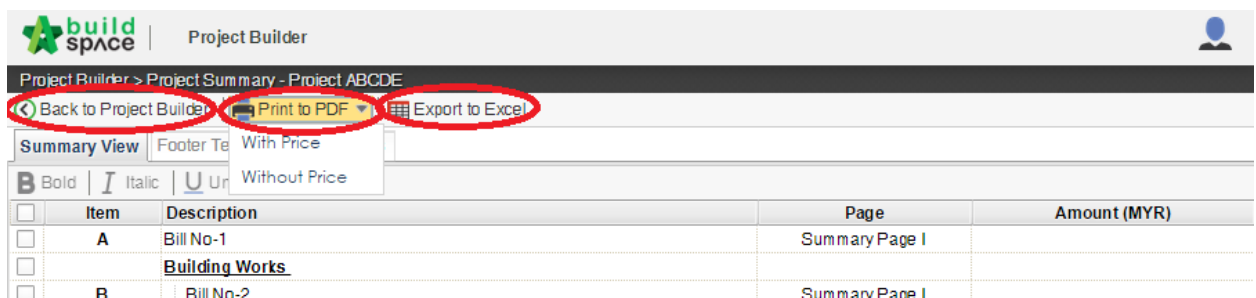
1. Click at “Project Summary”.



2. Can **tick** at check box to format the font type and **press enter** at the cell at “Item” column to key in numbering or any text like “A, B, C”. Then **press enter** again to finish editing.

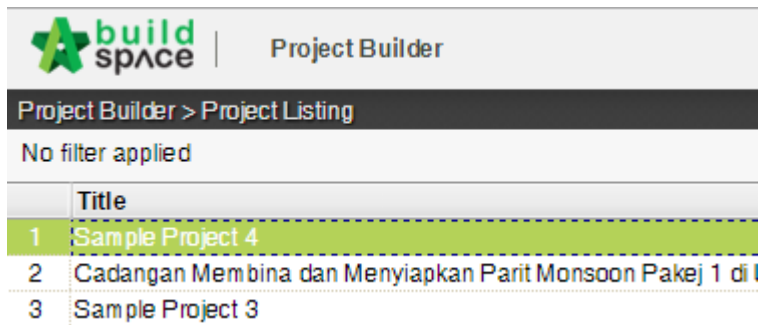


3. Click on “Back to Project Builder” to go back to your project. Click “Print to PDF” to printout your tender summary or click “Export to Excel” to export your tender summary to Microsoft Excel.

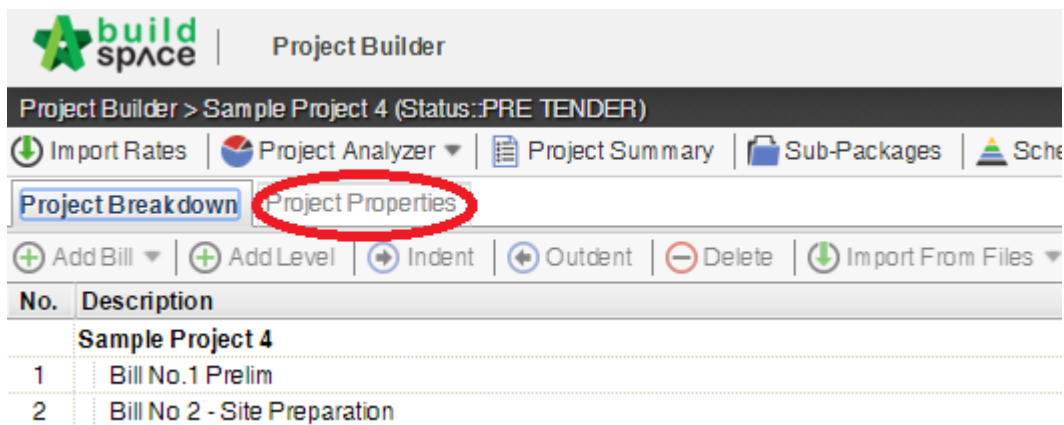


How to assign users to an existing project

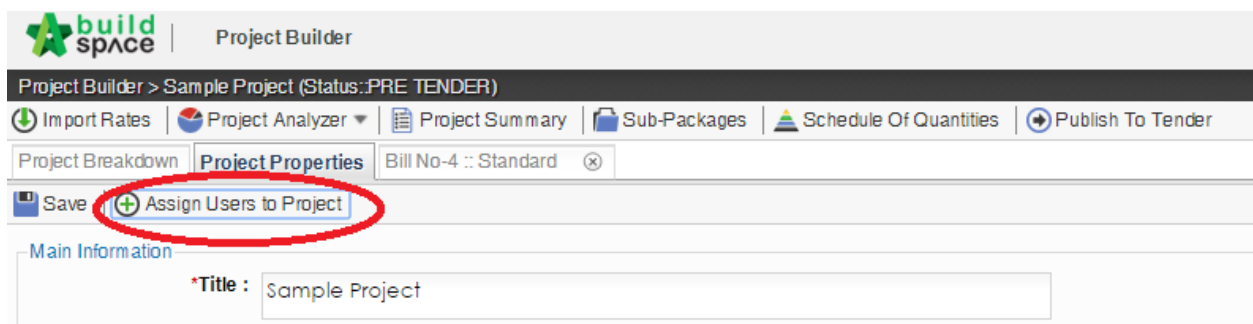
1. Double click to open a project.



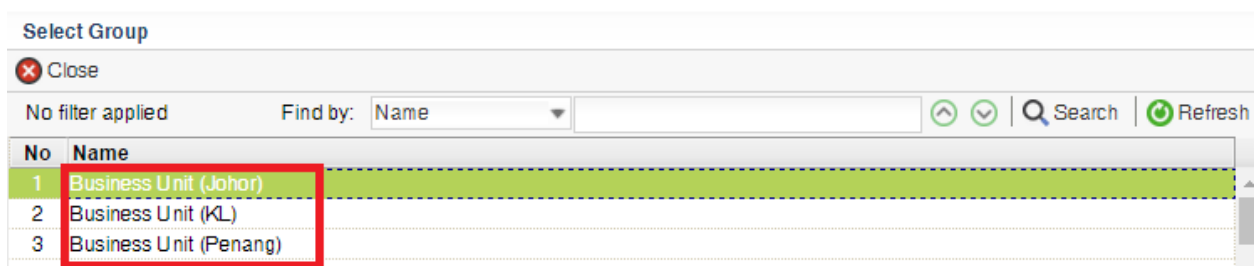
2. Click at "Project Properties" tab.



3. Click at "Add Users to Project".



4. Double click to select a group.



5. Then **tick** to select users and click **“Save”**. You also can set the users as **“Admin”** for this project which they can **share the project with other users** as well and also can **publish the project to tendering or post contract modules**.

Assign Users to Project (Sample Project)

Close Save Select Group Click here to select other group

Business Unit (Johor)

No filter applied Find by: Name Search Refresh

No	Name	Email	Admin
<input checked="" type="checkbox"/>	1 Alibaba	alibaba@buildspace.my	NO
<input type="checkbox"/>	2 Global PCK	global@gmail.com	NO
<input type="checkbox"/>	3		

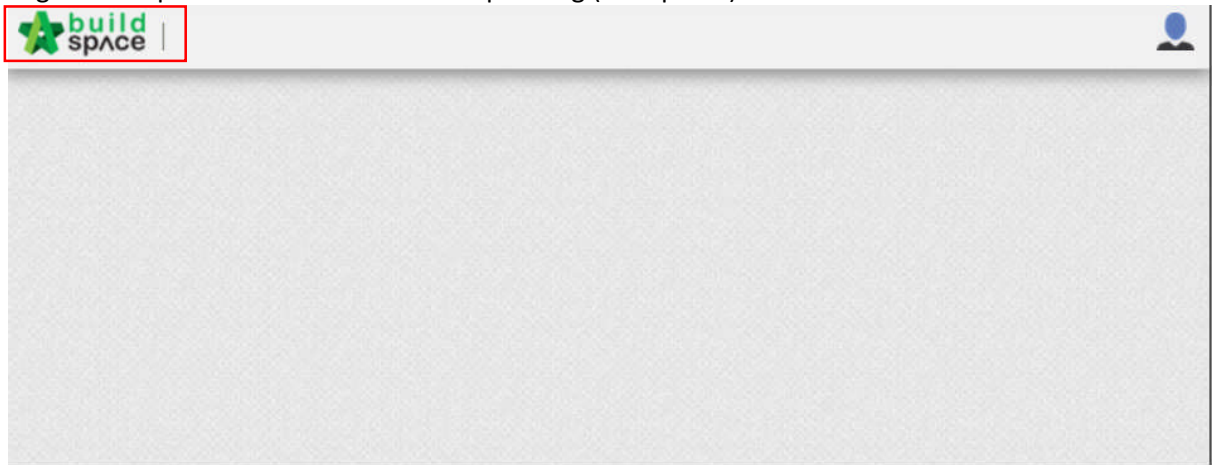
Tick to select users

Click here to set user as Admin for this project if you want

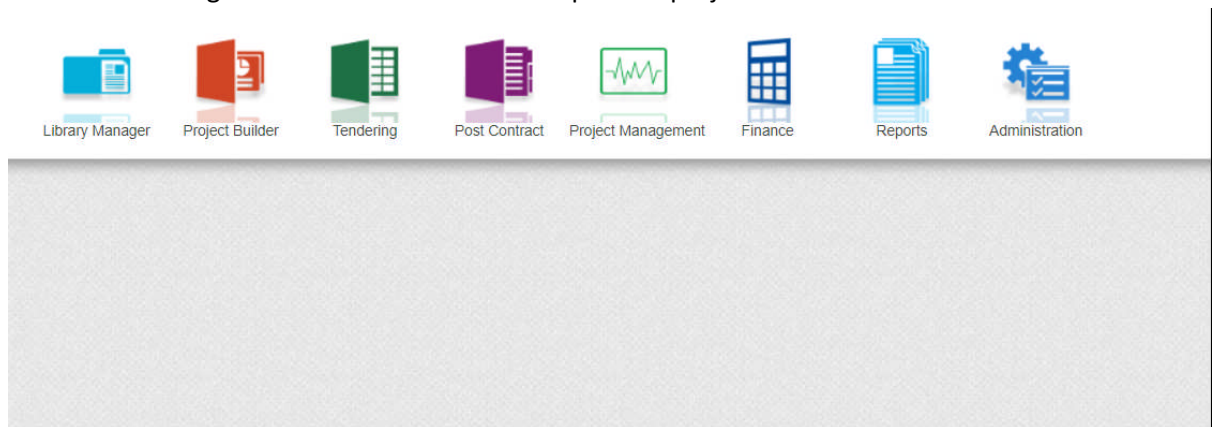
Tendering Module

Search historical rate

1. Log in Buildspace Pro and click on Buildspace log (at Top Left)



2. Click at Tendering module and double click to open the project



	Title	Country	State	Status	Created At
1	Project Testing 1	Malaysia	Pulau Pinang	Tendering	13/12/2017 02:05
2	Sample Tendering Proejct	Malaysia	Kedah	Tendering	16/12/2015 08:49
3					

- Select the bill and double click into the element

build space | Tendering

Tendering > View Tenderers - Project Testing 1

Back To Tendering | Tenderer Setting | Print Estimation BQ

Bills >

No.	Description	Amount	Alibaba Construction Sdn Bhd	ABC Snd Bhd
Project Testing 1		883,048.68	444,000.00	370,000.00
1	Bill No 1 - Preliminaries	100,000.00		
Building Works				
2	Bill No 2 - Block A	320,131.25	444,000.00	370,000.00
3	Bill No 3 - Shopping Mall	462,917.43		

build space | Tendering

Tendering > View Tenderers - Project Testing 1

Back To Tendering | Tenderer Setting | Print Estimation BQ

Bills > Bill No 2 - Block A >

No	Description	Grand Total	Alibaba Construction Sdn Bhd	ABC Snd Bhd
1	WORK BELOW LOWEST FLOOR FINISH	320,131.25	444,000.00	370,000.00
2	FRAME			
3	UPPER FLOOR			
4	ROOF TRUSSES			
5	STAIRS, RAMPS AND STAIRCASE FINISHES			
6	EXTERNAL WALLS			
7	INTERNAL WALLS AND PARTITIONS			
8	INTERNAL WALL FINISHES			
9	INTERNAL FLOOR FINISHES			
10	INTERNAL CEILING FINISHES			
11	EXTERNAL FINISHES			
12				

- Once clicked into the element, a list of items will be shown with description. A column of historical rate also shown on the page along with unit, rate, grand total etc.

erers - Project Testing 1

Tenderer Setting | Print Estimation BQ

Block A > WORK BELOW LOWEST FLOOR FINISH >

Description	Type	Unit	Grand Total Qty	Rate	Grand Total	Historical Rate
Plain In-Situ Concrete Grade 15 as specified						
In apron slab	HEAD 1					
In ground slab	HEAD 2					
In ramp	HEAD 2					
Not exceeding 100mm thick	ITEM	M3	370.00	163.75	60,587.50	
Not exceeding 100mm thick, laid to slope not exceeding 15 degree from horizontal	ITEM	M3	450.00			
Not exceeding 100mm thick, laid to slope exceeding 15 degree from horizontal	ITEM	M3	240.00	163.75	39,300.00	
100mm - 150mm Thick	ITEM	M3	230.00	163.75	37,662.50	
100mm - 150mm Thick; laid to slope not exceeding 15 degree from horizontal	ITEM	M3	600.00	163.75	98,250.00	
100mm - 150mm Thick; laid to slope exceeding 15 degree from horizontal	ITEM	M3	360.00	163.75	58,950.00	
150mm - 300mm Thick	ITEM	M3	155.00	163.75	25,381.25	
	ITEM					

- Select an item and double click onto historical rate to search historical rate based on the selected item.

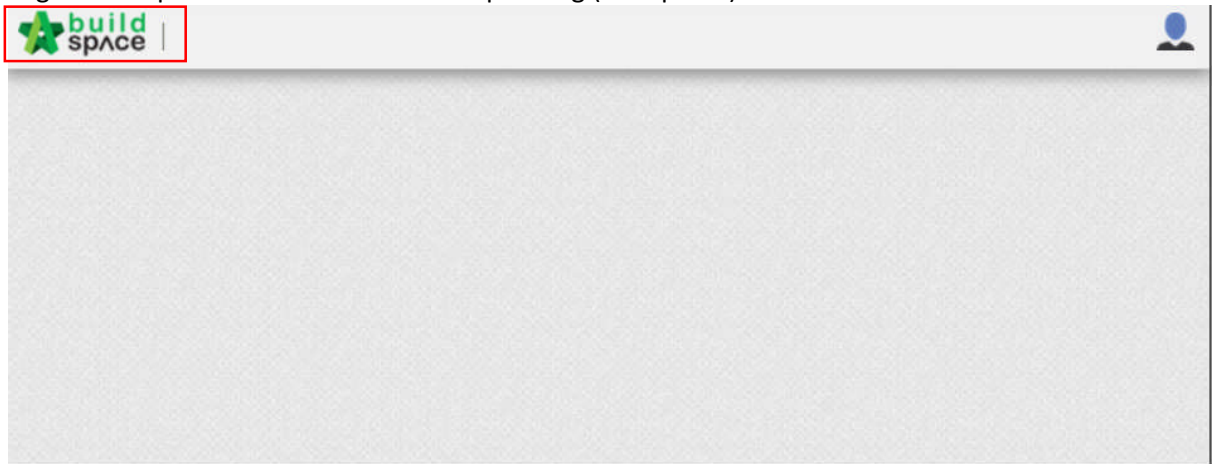
No	Bill Ref	Description	Type	Unit	Grand Total Qty	Rate	Grand Total	Historical Rate
1		Plain In-Situ Concrete Grade 15 as specified	HEAD 1					
2		In apron slab	HEAD 2					
3		In ground slab	HEAD 2					
4		In ramp	HEAD 2					
5	1/1* A	Not exceeding 100mm thick	ITEM	M3	370.00	163.75	60,587.50	
6	1/1* B	Not exceeding 100mm thick; laid to slope not exceeding 15 degree from horizontal	ITEM	M3	450.00			
7		Not exceeding 100mm thick; laid to slope not exceeding 15 degree from horizontal	ITEM	M3				
8	1/1* C	Not exceeding 100mm thick; laid to slope exceeding 15 degree from horizontal	ITEM	M3	240.00	163.75	39,300.00	
9	1/1* D	100mm - 150mm Thick	ITEM	M3	230.00	163.75	37,662.50	
10	1/1* E	100mm - 150mm Thick; laid to slope not exceeding 15 degree from horizontal	ITEM	M3	600.00	163.75	98,250.00	
11	1/1* F	100mm - 150mm Thick; laid to slope exceeding 15 degree from horizontal	ITEM	M3	380.00	163.75	58,950.00	
12	1/1* G	150mm - 3000mm Thick	ITEM	M3	155.00	163.75	25,381.25	
13			ITEM					

- A list of historical rates will be shown based on previous project with similar item.

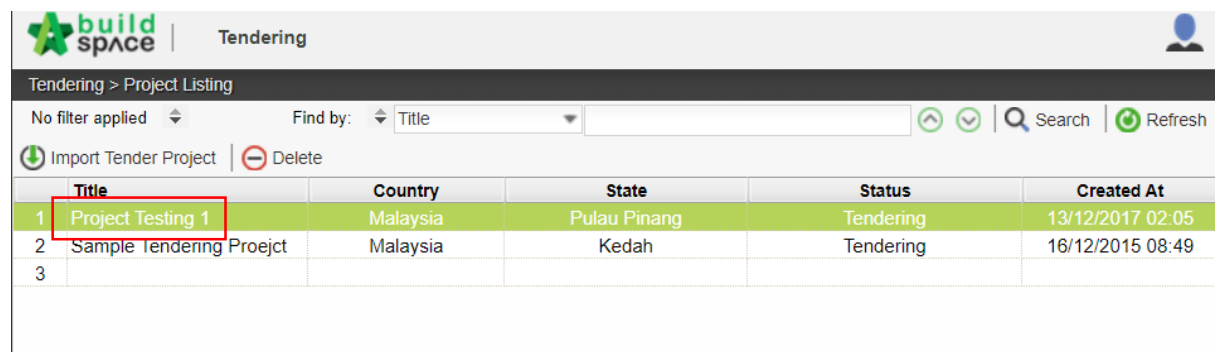
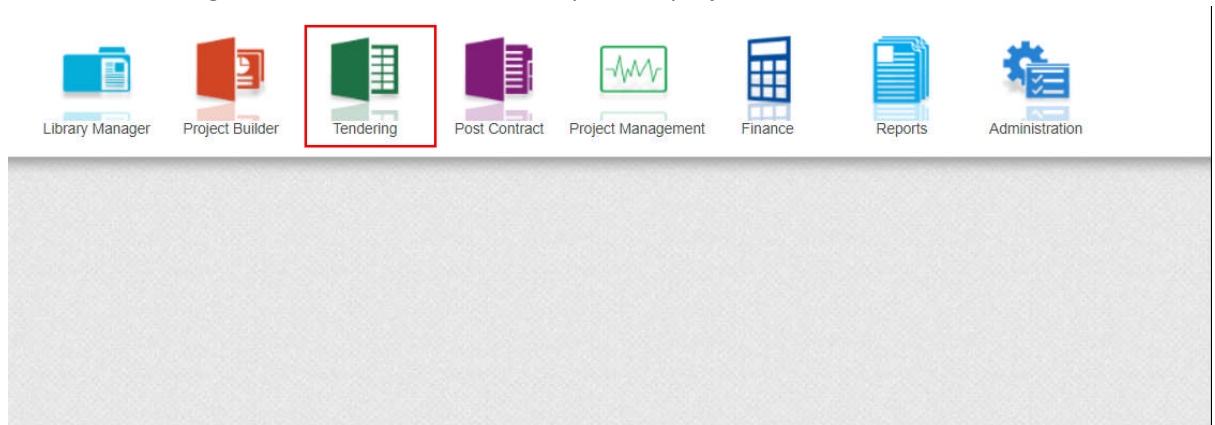
Search Historical Rate					
Close					
Project Title	Bill Item Desc	Not exceeding 100mm thick		Search	Save
Description	Type	Unit	Rate	Published Date	
Sample Project 4					
Bill No. 2 > WORK BELOW LOWEST FLOOR FINISH					
Not exceeding 100mm thick	ITEM	M3	200.00	06/12/2017	
Sample Project 3					
Bill 2 > WORK BELOW LOWEST FLOOR FINISH					
Not exceeding 100mm thick	ITEM	M3	300.00	06/12/2017	
Sample Project 2					
Bill No. 3 > CONCRETE WORK					
Not exceeding 100mm thick	ITEM-P	M3	102.00	07/12/2017	
Not exceeding 100mm thick	ITEM	M3		07/12/2017	
Not exceeding 100mm thick; laid to slope not exceeding 15 degree from horizontal	ITEM	M3		07/12/2017	
Not exceeding 100mm thick; laid to slope exceeding 15 degree from horizontal	ITEM	M3		07/12/2017	
Not exceeding 100mm thick; laid on hardcore	ITEM	M3		07/12/2017	
Not exceeding 100mm thick; laid on hardcore to slope not exceeding 15 degree from horizontal	ITEM	M3		07/12/2017	
Not exceeding 100mm thick; laid on hardcore to slope exceeding 15 degree from horizontal	ITEM	M3		07/12/2017	
Not exceeding 100mm thick	ITEM	M3		07/12/2017	
Not exceeding 100mm thick; laid to slope not exceeding 15 degree from horizontal	ITEM	M3		07/12/2017	
Not exceeding 100mm thick; laid to slope exceeding 15 degree from horizontal	ITEM	M3		07/12/2017	
Not exceeding 100mm thick	ITEM	M3		07/12/2017	
Project M&E					
Bill No-3 > WORK BELOW GROUND FLOOR LEVEL					
Blinding, not exceeding 100mm thick, under footings.	ITEM	M3	198.00	28/11/2017	
Blinding, not exceeding 100mm thick, under ground beams	ITEM	M3	198.00	28/11/2017	
Blinding, not exceeding 100mm thick, under ground floors.	ITEM	M3	198.00	28/11/2017	
Blinding, not exceeding 100mm thick, under trenches.	ITEM	M3	198.00	28/11/2017	
Blinding, under aprons not exceeding 100mm thick.	ITEM	M3	198.00	28/11/2017	
Blinding, under porch not exceeding 100mm thick.	ITEM	M3	198.00	28/11/2017	
Blinding, under ramps not exceeding 100mm thick.	ITEM	M3	198.00	28/11/2017	

Create Addendum

1. Log in Buildspace Pro and click on Buildspace log (at Top Left)



2. Click at Tendering module and double click to open the project



The screenshot shows the 'Tendering' module interface. At the top, the 'buildspace' logo and the word 'Tendering' are visible. Below the header, there is a navigation bar with 'Tendering > Project Listing'. A search bar contains 'No filter applied' and 'Find by: Title'. There are also 'Import Tender Project', 'Delete', 'Search', and 'Refresh' buttons. Below the search bar is a table with the following data:

	Title	Country	State	Status	Created At
1	Project Testing 1	Malaysia	Pulau Pinang	Tendering	13/12/2017 02:05
2	Sample Tendering Proejct	Malaysia	Kedah	Tendering	16/12/2015 08:49
3					

3. Select Project Addendum.

Tendering > Project Testing (Status::TENDERING)

Export Project | Project Analyzer | Sub-Packages | Schedule Of Quantities | Push To Post Contract

Project Breakdown | Project Properties | **Project Addendum** | Bill No 2 :: Standard

Import Rates | View Tenderers | Project Summary | Export Bill | Export Backup | Log | Reload

No.	Description
Project Testing	
1	Bill No 1
Building Works	
2	Bill No 2

4. Click at “Add Addendum” to create new addendum version. Once created, new addendum will be shown with status “In Progress” and the status of previous addendum version will be moved to “Locked” automatically.

build space | Tendering

Tendering > Project Testing (Status::TENDERING)

Export Project | Project Analyzer | Sub-Packages | Schedule Of Quantities | Push To Post Contract

Project Breakdown | Project Properties | **Project Addendum**

Project Addendum

+ Add Addendum

No.	Project Revision	Export	Current Printing Revision	Status	Updated At	Action
1	Original Bill	Export	Print This Revision	Locked	18 Dec 2017	-
2	Addendum 1	Export	✓	In Progress	18 Dec 2017	Edit

5. Click at “Project Breakdown” and access to BQ to issue addendum.

build space | Tendering

Tendering > Project Testing (Status::TENDERING)

Export Project | Project Analyzer | Sub-Packages | Schedule Of Quantities | Push To Post Contract

Project Breakdown | Project Properties | Project Addendum

Project Addendum

+ Add Addendum

No.	Project Revision	Export	Current Printing Revision	Status	Updated At	Action
1	Original Bill	Export	Print This Revision	Locked	18 Dec 2017	-
2	Addendum 1	Export	✓	In Progress	18 Dec 2017	Edit

build space | Tendering

Tendering > Project Testing (Status::TENDERING)

Export Project | Project Analyzer | Sub-Packages | Schedule Of Quantities | Push To Post Contract

Project Breakdown | Project Properties | Project Addendum | Bill No 2 :: Standard

Import Rates | View Tenderers | Project Summary | Export Bill | Export Backup | Log | Reload

No.	Description	Original Amount	Total Markup (%)
Project Testing			
1	Bill No 1		
Building Works			
2	Bill No 2	1,892,102.87	

- Once selected the BQ, double click into the element and select the item to do addendum.

The screenshot shows the 'Element/Trade List' in the BuildSpace Tendering software. The element selected is '1 WORK BELOW GROUND FLOOR LEVEL', which is highlighted in green. The list includes the following items and their percentages:

No	Description	% Job
1	WORK BELOW GROUND FLOOR LEVEL	24.47%
2	FRAME	13.04%
3	UPPER FLOORS	8.21%
4	STAIRCASE, STEPS AND RAMP CONSTRUCTION	1.89%
5	STRUCTURAL WALLS	2.03%
6	ROOF FINISHES AND RAINWATER GOODS	6.98%
7	EXTERNAL WALLS, DOORS AND WINDOWS	11.02%
8	PARTITIONS, DOOR AND WINDOW	6.19%

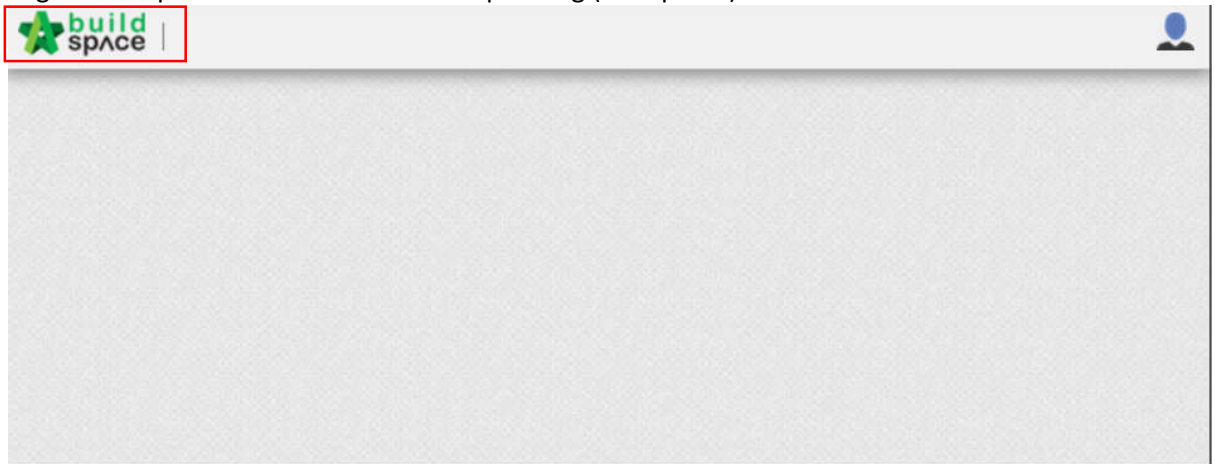
- Click at the item and right click > copy > paste. A new copied item is highlighted with colour. By now the item with highlighted colour can input different quantity. On the other hand, right click at previous item and click remove the item, but the item will not be removed however a “cut through” mark will appear in the content.

The screenshot shows a detailed view of the 'WORK BELOW GROUND FLOOR LEVEL' element. The table below lists the items with their descriptions, types, units, and quantities.

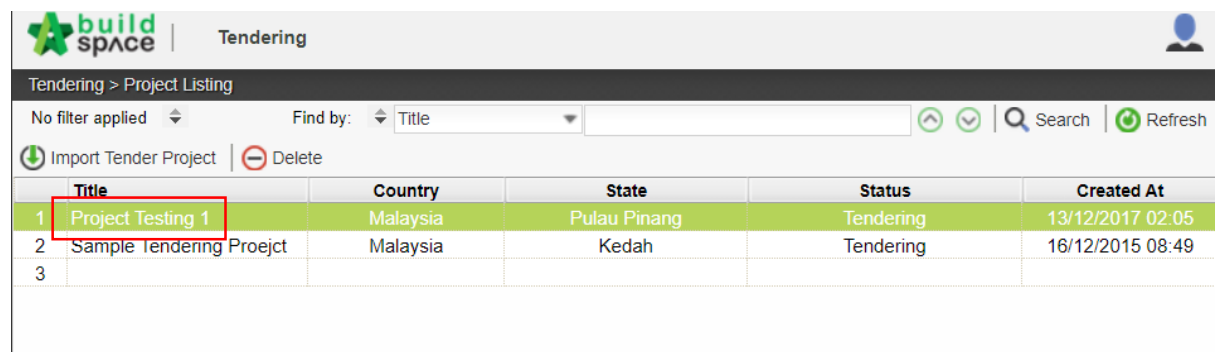
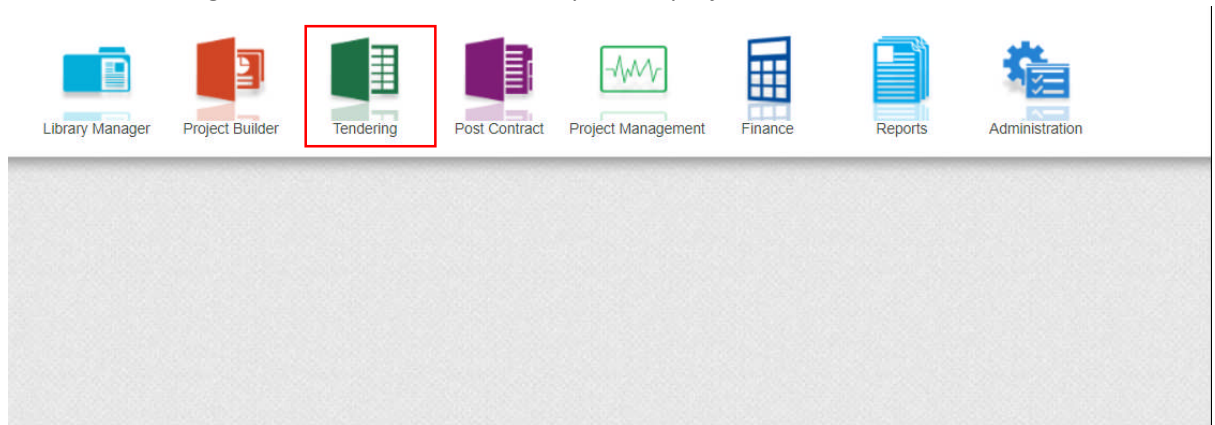
No	Description	Type	Unit	Include	Qty/Unit	Default	Total Unit	Rate
1	Excavate oversite, commencing from platform level	HEAD 1						
2	Not exceeding 250mm, to reduce level.	ITEM	M3	YES	125.00		437.50	3.5
3	Excavate, commencing from reduce level.	HEAD 2						
4	Maximum depth not exceeding 2.00m deep, for footings.	ITEM	M3	YES	188.00		1,598.00	8.5
5	Maximum depth not exceeding 2.00m but not exceeding 4.00 deep, for footings.	ITEM	M3	YES	554.00		5,817.00	10.5
6	Maximum depth not exceeding 1.00m deep, for ground beams.	ITEM	M3	YES	225.00		1,700.00	8.5
7	Maximum depth not exceeding 1.00m deep, for ground beams.	ITEM	M3	YES				
8	Maximum depth not exceeding 1.00m deep, for trenches.	ITEM	M3	YES	33.00		280.50	8.5
9	Earthfilling materials from selected excavated materials, filling up.	HEAD 2						
10	Filling to excavation, deposited and consolidated.	ITEM	M3	YES	433.00		5,196.00	12.0
11	Concrete Grade 18/20, as specified, in.	HEAD 2						
12	Blinding, not exceeding 100mm thick, under footings.	ITEM	M3	YES	19.00		3,420.00	180.0
13	Blinding, not exceeding 100mm thick, under ground beams.	ITEM	M3	YES	5.00		900.00	180.0
14	Blinding, not exceeding 100mm thick, under ground floors.	ITEM	M3	YES	23.00		4,140.00	180.0
15	Blinding, not exceeding 100mm thick, under trenches.	ITEM	M3	YES	2.00		360.00	180.0
16	Disposal off site, including paying all dues	HEAD 2						
17	Excavated materials	ITEM	M3	YES	936.00		2,808.00	3.0
18	Hardcore, consolidated and blinded to receive concrete	HEAD 2						
19	150mm (consolidated thickness), under floor.	ITEM	M3	YES	532.00		5,054.00	9.5
20	Damp proof membrane, well lapped in the joints and sealed with approved pressure sensitive tape, turned up against wall for at least the full thickness of floor (measured nett - allow for laps and turn up)	HEAD 2						
21	Single layer 0.25mm thick polythene vapour barrier, under floor slab.	ITEM	M3	YES	532.00		1,383.20	2.6
22	Vibrated reinforced concrete Grade 35/20, as specified, in.	HEAD 2						
23	Pad footing	ITEM	M3	YES	303.00		69,387.00	229.0
24	Column stumps. (Provisional)	ITEM	M3	YES	6.00		1,374.00	229.0
25	Ground balance.	ITEM	M3	YES	46.00		10,534.00	229.0

Tender Comparison & Rates Rationalization

1. Log in Buildspace Pro and click on Buildspace log (at Top Left)



2. Click at Tendering module and double click to open the project



	Title	Country	State	Status	Created At
1	Project Testing 1	Malaysia	Pulau Pinang	Tendering	13/12/2017 02:05
2	Sample Tendering Proejct	Malaysia	Kedah	Tendering	16/12/2015 08:49
3					

3. Click at “View Tenderer”

The screenshot shows the 'Tendering' page for 'Project Testing 1 (Status: TENDERING)'. The 'View Tenderers' button is highlighted with a red box. Below the navigation bar is a table with columns: No., Description, Original Amount, Total Markup (%), and Total Markup (RM).

No.	Description	Original Amount	Total Markup (%)	Total Markup (RM)
Project Testing 1				
1	Bill No 1 - Preliminaries	100,000.00		
Building Works				
2	Bill No 2 - Block A	280,831.25		
3	Bill No 3 - Shopping Mall	462,917.43		

4. Click at “Tenderer Setting”

The screenshot shows the 'Tendering > View Tenderers - Project Testing 1' page. The 'Tenderer Setting' button is highlighted with a red box. Below the navigation bar is a table with columns: No., Description.

No.	Description
Project Testing 1	
1	Bill No 1 - Preliminaries
Building Works	
2	Bill No 2 - Block A
3	Bill No 3 - Shopping Mall

5. Click at “Add New Contractor” to assign new contractor company or click at the arrow button logo to assign existing contractor. Once selected the contractor, click “Save”. Selected contractors will be listed on the table below.

The screenshot shows the 'Assign Contractors :: Project Testing 1' dialog box. The 'Add New Contractor' button is highlighted with a red box. Below the 'Select Contractor' dropdown is a 'Save' button. At the bottom, there is a table of assigned contractors.

Show	No.	Name	Original Total	Adjusted Total	Action
Diff: 0.00					
<input type="checkbox"/>	1	Alibaba Construction Sdn Bhd			Select
<input type="checkbox"/>	2	Global PCK Development Sdn Bhd			Select
<input type="checkbox"/>	3				

- Select the contractor and tick in the “**Show**” column which allows the consultant to view and compare the contractor’s rate in BQ.

Assign Contractors :: Project Testing 1

Close Add New Contractor

Select Contractor

*Contractor :

Save

Remove Import Contractor's Rate Export Contractor's Rate Log Refresh Print Contractor's Rate Sort

Show	No.	Name	Original Total	Adjusted Total	Action
<input checked="" type="checkbox"/>	1	Alibaba Construction Sdn Bhd			Select
<input checked="" type="checkbox"/>	2	Global PCK Development Sdn Bhd			Select
<input type="checkbox"/>	3				

- Consultant able to compare tender price from selected contractors.

build space | Tendering

Tendering > View Tenderers - Project Testing 1

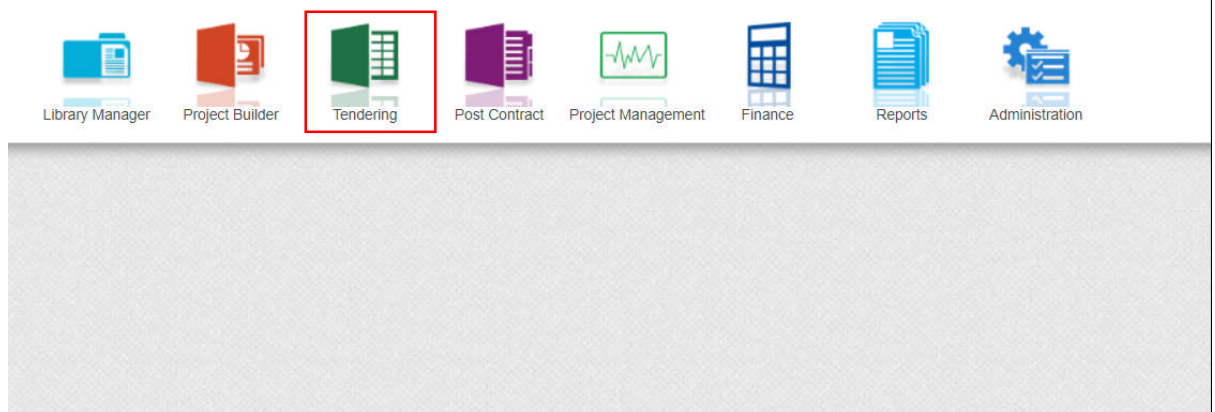
Back To Tendering Tenderer Setting Print Estimation BQ

Bills >

No.	Description	Amount	Alibaba Construction Sdn Bhd	Global PCK Development Sdn B...
Project Testing 1		843,748.68		
1	Bill No 1 - Preliminaries	100,000.00		
Building Works				
2	Bill No 2 - Block A	280,831.25	885,350.00	901,560.00
3	Bill No 3 - Shopping Mall	462,917.43	1,214,550.00	1,292,100.00

Import/export contractor's rate

1. Click at Tendering module and double click to open the project



build space | Tendering

Tendering > Project Listing

No filter applied Find by: Title Search Refresh

Import Tender Project Delete

	Title	Country	State	Status	Created At
1	Project Testing 1	Malaysia	Pulau Pinang	Tendering	13/12/2017 02:05
2	Sample tendering Proejct	Malaysia	Kedah	Tendering	16/12/2015 08:49
3					

2. Click at "View Tenderer"

build space | Tendering

Tendering > Project Testing 1 (Status: TENDERING)

Export Project Project Analyzer Sub-Packages Schedule Of Quantities Push To Post Contract

Project Breakdown Project Properties Project Addendum

Import Rates View Tenderers Project Summary Export Bill Export Backup Log Reload

No.	Description	Original Amount	Total Markup (%)	Total Markup (RM)
Project Testing 1				
1	Bill No 1 - Preliminaries	100,000.00		
Building Works				
2	Bill No 2 - Block A	280,831.25		
3	Bill No 3 - Shopping Mall	462,917.43		

3. Click at “Tenderer Setting”

The screenshot shows the Buildspace Tendering interface. At the top, there is a navigation bar with the Buildspace logo and the word 'Tendering'. Below this, a breadcrumb trail reads 'Tendering > View Tenderers - Project Testing 1'. A secondary navigation bar contains three buttons: 'Back To Tendering', 'Tenderer Setting' (highlighted with a red box), and 'Print Estimation BQ'. Below the navigation is a 'Bills >' section, followed by a table with columns 'No.' and 'Description'. The table lists three bills under the heading 'Project Testing 1':

No.	Description
Project Testing 1	
1	Bill No 1 - Preliminaries
Building Works	
2	Bill No 2 - Block A
3	Bill No 3 - Shopping Mall

4. Select the contractor and click “Export Contractor’s Rate”. The exported excel file will be sent to contractors to fill in the rate, then import the contractor’s rate into Buildspace Pro.

The screenshot shows the 'Assign Contractors :: Project Testing 1' interface. At the top, there are buttons for 'Close' and 'Add New Contractor'. Below is a 'Select Contractor' section with a dropdown menu for '*Contractor:' and a 'Save' button. A secondary navigation bar contains several buttons: 'Remove', 'Import Contractor's Rate', 'Export Contractor's Rate' (highlighted with a red box), 'Log', 'Refresh', and 'Print Contractor's Rate'. Below this is a table with columns 'Show', 'No.', 'Name', 'Original Total', 'Adjusted Total', and 'Action'. The table lists three contractors:

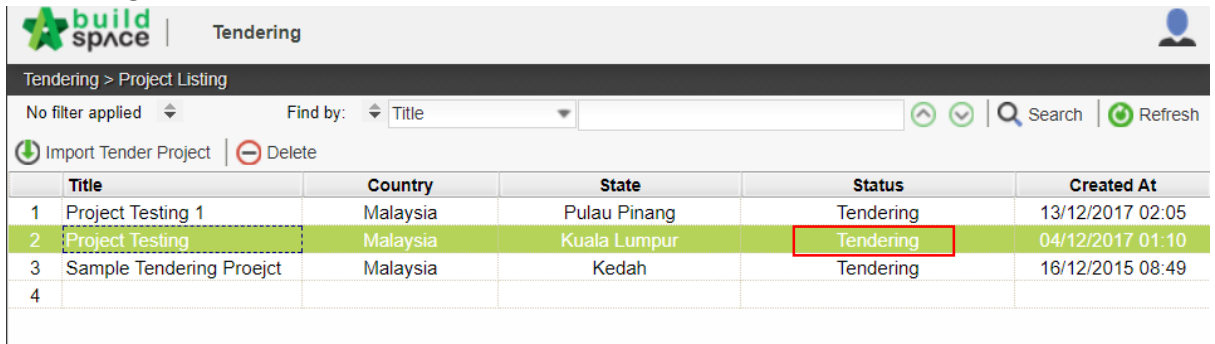
Show	No.	Name	Original Total	Adjusted Total	Action
<input checked="" type="checkbox"/>	1	Alibaba Construction Sdn Bhd	2,099,900.00		Select
<input checked="" type="checkbox"/>	2	Global PCK Development Sdn Bhd	2,193,660.00		Select
<input type="checkbox"/>	3				

Below the table, there is a summary row with 'Diff: 0.00' and a 'Sort' dropdown menu.

Post Contract Module

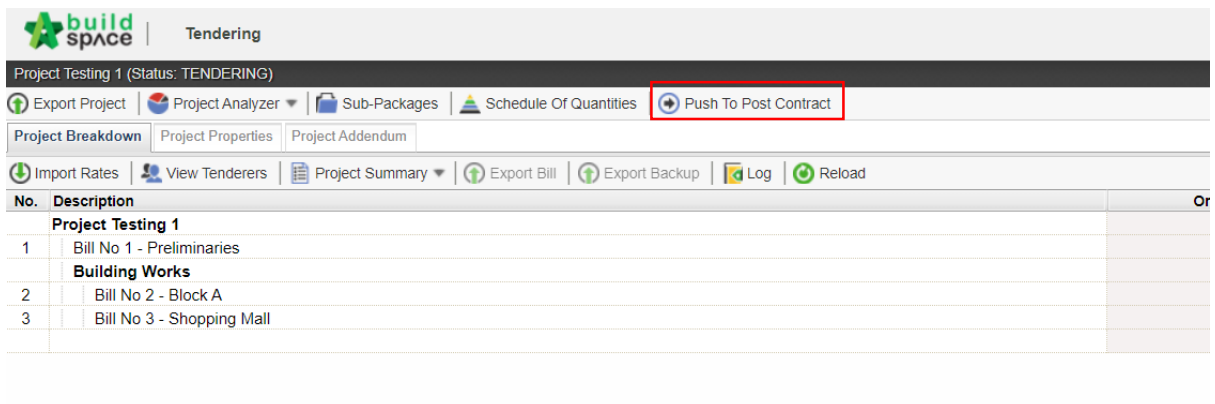
Publish to post contract

1. Go to Tendering module and double click into the project. Ensure the project status is **“Tendering”**.



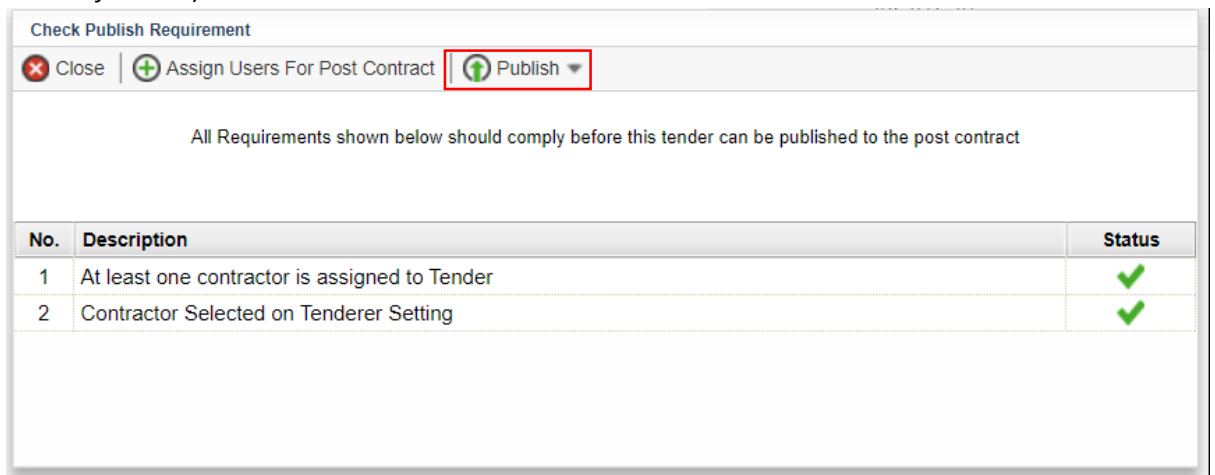
	Title	Country	State	Status	Created At
1	Project Testing 1	Malaysia	Pulau Pinang	Tendering	13/12/2017 02:05
2	Project Testing	Malaysia	Kuala Lumpur	Tendering	04/12/2017 01:10
3	Sample Tendering Proejct	Malaysia	Kedah	Tendering	16/12/2015 08:49
4					

2. Click at **“Push to Post Contract”**.



No.	Description	
Project Testing 1		
1	Bill No 1 - Preliminaries	
Building Works		
2	Bill No 2 - Block A	
3	Bill No 3 - Shopping Mall	

3. Click **“Publish”** and choose Normal/New Post Contract (*Note: New Post Contract entitled with Letter of Award*).

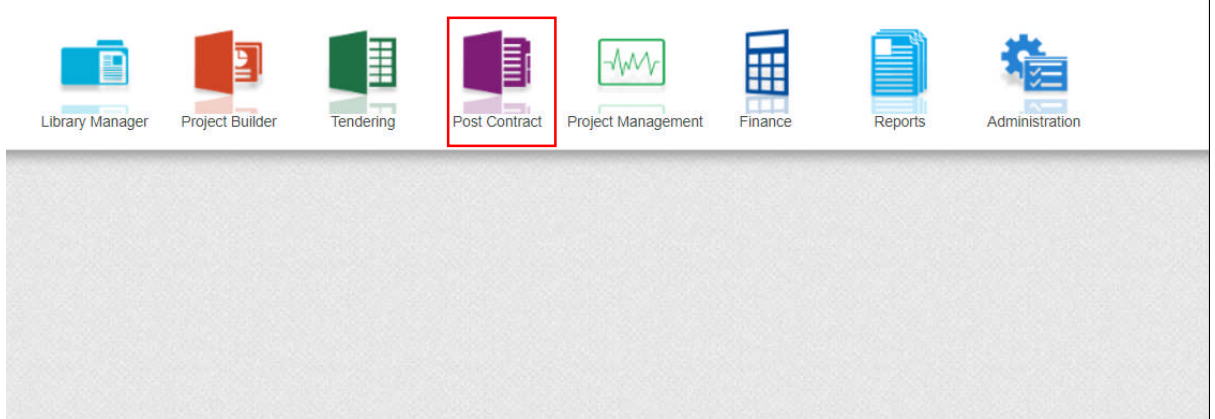


No.	Description	Status
1	At least one contractor is assigned to Tender	✓
2	Contractor Selected on Tenderer Setting	✓

**Once published, the project will no longer listed in Tendering Module and it will moves to Post Contract Module.*

Progress Claim

1. Go to Buildspace Pro and access to Post Contract module.



2. Double click to select a project with status "Post Contract".

The screenshot shows the 'Post Contract' module interface. At the top, there is a 'build space' logo and the text 'Post Contract'. Below this is a breadcrumb 'Post Contract > Project Listing'. A search bar contains 'No filter applied' and 'Find by: Title'. A table lists projects with columns for Title, Country, State, Status, and Created At. The first row, 'Project Testing 1', is highlighted with a red box, and its 'Status' is also highlighted with a red box.

Title	Country	State	Status	Created At
1 Project Testing 1	Malaysia	Pulau Pinang	Post Contract	13/12/2017 02:05
2				

3. Double click to select a bill to perform progress claim.

The screenshot shows the 'Post Contract' module interface for a specific project. The breadcrumb is 'Post Contract > Project Testing 1 (Status::POST CONTRACT)'. There are tabs for 'Project Breakdown', 'Project Properties', and 'Claim Revision::Version 1'. Below the tabs are several action buttons: 'Re-Measure Provisional', 'Location Management', 'Define Locations', 'Sub-Packages', and 'Reload'. A table shows bill details with columns for No., Description, Overall Total, %, and Amount. The third row, 'Bill No 3 - Shopping Mall', is highlighted with a green background and a red box around the description.

No.	Description	Overall Total	%	Amount
	Project Testing 1			
1	Bill No 1 - Preliminaries			
	Building Works			
2	Bill No 2 - Block A	885,350.00		
3	Bill No 3 - Shopping Mall	1,214,550.00		
	VARIATION ORDER			
	MATERIAL ON SITE			

- Select Type/Unit to perform progress claim. User able to rename type or unit by inserting in "Rename Description" column.

build space | Post Contract

Post Contract > Project Testing 1 (Status::POST CONTRACT)

Project Breakdown | Project Properties | Claim Revision::Version 1 | Bill No 3 - Shopping Mall :: Standa...

Type / Unit >

No.	Description	Rename Description	Amount	%	Amount
			Up To Date Claim		
1	Unit 1		1,214,550.00		

- Select element and perform progress claim by inserting percentage or amount of work done in Up to Date Claim column.

build space | Post Contract

Post Contract > Project Testing 1 (Status::POST CONTRACT)

Project Breakdown | Project Properties | Claim Revision: Version 1 | Bill No 2 - Standard

Type / Unit > Default - Unit 1 >

Apply to other unit

No.	Description	Total	%	Amount	%	Amount	%	Amount
			Previous Claim	Current Claim	Up To Date Claim			
1	WORK BELOW GROUND FLOOR LEVEL	456,034.93						
2	FRAME	245,782.80						
3	UPPER FLOORS	155,280.59						
4	STAIRCASE, STEPS AND RAMP CONSTRUCTION	35,702.50						
5	STRUCTURAL WALLS	38,334.00						
6	ROOF FINISHES AND RAINWATER GOODS	132,152.90						
7	EXTERNAL WALLS, DOORS AND WINDOWS	208,566.54						
8	PARTITIONS, DOOR AND WINDOW	117,054.61						
9	EXTERNAL WALL FINISHES	45,296.40						
10	INTERNAL WALL FINISHES	114,584.00						
11	FLOOR FINISHES	185,850.40						
12	STAIRCASE, STEPS, RAMP FINISHES AND BALLUSTRADES	29,921.30						
13	CEILING FINISHES	86,384.40						
14	SUNDRIES	11,918.90						
15	SANITARY FITTINGS	20,586.00						
16								

6. Double click into an element to perform progress claim based on items.

No.	Description	Total	% Previous Claim	Amount	% Current Claim	Amount	% Up To Date Claim	Amount
	WORK BELOW GROUND FLOOR LEVEL	456,034.93						
2	FRAME	246,782.80						
3	UPPER FLOORS	155,280.69						
4	STAIRCASE, STEPS AND RAMP CONSTRUCTION	35,702.50						
5	STRUCTURAL WALLS	39,324.00						
6	ROOF FINISHES AND RAINWATER GOODS	132,152.90						
7	EXTERNAL WALLS, DOORS AND WINDOWS	208,586.54						
8	PARTITIONS, DOOR AND WINDOW	117,054.61						
9	EXTERNAL WALL FINISHES	45,256.40						
10	INTERNAL WALL FINISHES	114,594.00						
11	FLOOR FINISHES	186,650.40						
12	STAIRCASE, STEPS, RAMP FINISHES AND BALUSTRADES	29,921.30						
13	CEILING FINISHES	89,384.40						
14	SUNDRIES	11,918.90						
15	SANITARY FITTINGS	20,586.00						
16								

7. Insert percentage or amount of workdone based on each item to perform progress claim

No.	Description	Qty	Unit	Rate	Total	% Previous Claim	Amount	% Current Claim	Amount	% Up To Date Claim	Qty	Amount
1	Excavate oversite, commencing from platform level											
2	Not exceeding 250mm, to reduce level.	125.00	M3	3.50	437.50			10.00%	43.75	10.00%	12.50	43.75
3	Excavate, commencing from reduce level.											
4	Maximum depth not exceeding 2.00m deep, for footings.	188.00	M3	8.50	1,598.00			20.00%	319.60	20.00%	37.60	319.60
5	Maximum depth not exceeding 2.00m but not exceeding 4.00 deep, for footings.	554.00	M3	10.50	5,817.00			20.00%	1,163.40	20.00%	110.80	1,163.40
6	Maximum depth not exceeding 1.00m deep, for ground beams	200.00	M3	8.50	1,700.00			20.00%	340.00	20.00%	40.00	340.00
7	Maximum depth not exceeding 1.00m deep, for trenches	33.00	M3	8.50	280.50			20.00%	56.10	20.00%	6.60	56.10
8	Earthfilling materials from selected excavated materials, filling up.											
9	Filling to excavation, deposited and consolidated.	50.00	M3	12.00	600.00			25.00%	150.00	25.00%	12.50	150.00
10	Concrete Grade 15/20, as specified, in.											
11	Blinding, not exceeding 100mm thick, under footings.	19.00	M3	180.00	3,420.00			30.00%	1,026.00	30.00%	5.70	1,026.00
12	Blinding, not exceeding 100mm thick, under ground beams	6.00	M3	180.00	900.00			16.00%	136.00	16.00%	0.76	136.00
13	Blinding, not exceeding 100mm thick, under ground floors.	23.00	M3	180.00	4,140.00			15.00%	621.00	15.00%	3.45	621.00
14	Blinding, not exceeding 100mm thick, under trenches.	2.00	M3	180.00	360.00			20.00%	72.00	20.00%	0.40	72.00
15	Disposal off site, including paying all dues											
16	Excavated materials	936.00	M3	3.00	2,808.00			40.00%	1,123.20	40.00%	374.40	1,123.20
17	Hardcore, consolidated and blinded to receive concrete											
18	150mm (consolidated thickness), under floor.	532.00	M3	9.50	5,054.00							
19	Damp proof membrane, well lapped in the joints and sealed with approved pressure sensitive tape, turned up against wall for at least the full thickness of floor (measured nett - allow for laps and turn up)											
20	Single layer 0.25mm thick polythene vapour barrier, under floor slab.	532.00	M3	2.60	1,383.20							
21	Vibrated reinforced concrete Grade 35/20, as specified, in.											
22	Pad footing	303.00	M3	229.00	69,387.00							
23	Column slumps, (Provisional)	6.00	M3	229.00	1,374.00							
24	Ground beams	46.00	M3	229.00	10,534.00							
25	Trench bases, exceeding 100mm but not exceeding 150mm thick	5.00	M3	229.00	1,145.00							
26	Trench walls, exceeding 100mm but not exceeding 150mm thick	9.00	M3	229.00	2,061.00							
27	Trench slab, exceeding 100mm but not exceeding 150mm thick	88.00	M3	229.00	20,152.00							
28	Hot rolled steel reinforcement (Mild steel, minimum yield stress 250N per sq. mm)											
29	10mm Diameter, in ground beams (straps)	1,153.00	KG	4.00	4,612.00							
30	Hot rolled steel deformed reinforcement (High yield 60, minimum yield stress 460N											

8. After insert all progress claim, click at “Project Breakdown”.

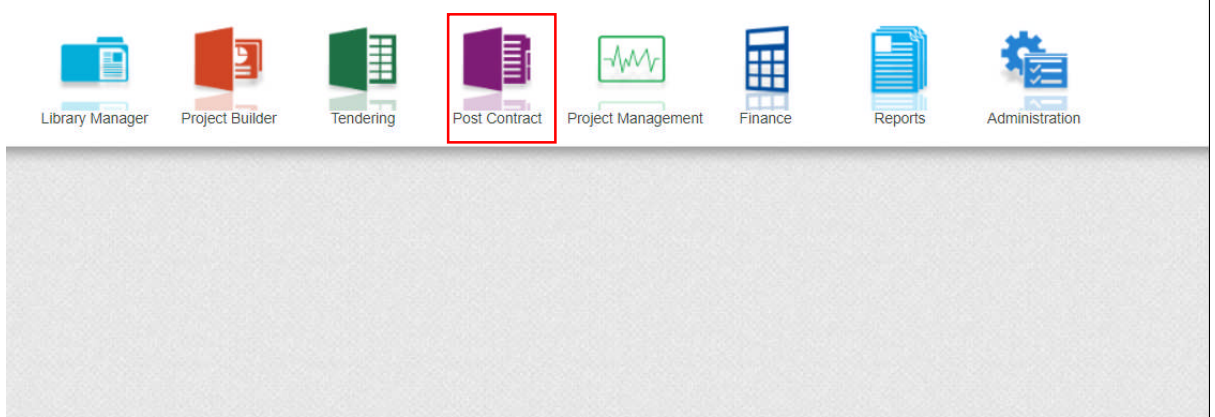
No.	Description	Qty	Unit	Rate	Total	% Previous Claim	Amount	% Current Claim	Amount	%
1	Excavate oversite, commencing from platform level									
2	Not exceeding 250mm, to reduce level.	125.00	M3	3.50	437.50			10.00%	43.75	10.00%
3	Excavate, commencing from reduce level.									
4	Maximum depth not exceeding 2.00m deep, for footings.	188.00	M3	8.50	1,598.00			20.00%	319.60	20.00%
5	Maximum depth not exceeding 2.00m but not exceeding 4.00 deep, for footings.	554.00	M3	10.50	5,817.00			20.00%	1,163.40	20.00%
6	Maximum depth not exceeding 1.00m deep, for ground beams	200.00	M3	8.50	1,700.00			20.00%	340.00	20.00%
7	Maximum depth not exceeding 1.00m deep, for trenches.	33.00	M3	8.50	280.50			20.00%	56.10	20.00%
8	Earthfilling materials from selected excavated materials, filling up.									
9	Filling to excavation, deposited and consolidated.	50.00	M3	12.00	600.00			25.00%	150.00	25.00%
10	Concrete Grade 15/20, as specified, in.									
11	Blinding, not exceeding 100mm thick, under footings.	19.00	M3	180.00	3,420.00			30.00%	1,026.00	30.00%
12	Blinding, not exceeding 100mm thick, under ground beams	5.00	M3	180.00	900.00			15.00%	135.00	15.00%
13	Blinding, not exceeding 100mm thick, under ground floors.	23.00	M3	180.00	4,140.00			15.00%	621.00	15.00%
14	Blinding, not exceeding 100mm thick, under trenches.	2.00	M3	180.00	360.00			20.00%	72.00	20.00%
15	Disposal off site, including paying all dues									
16	Excavated materials	936.00	M3	3.00	2,808.00			40.00%	1,123.20	40.00%
17	Hardcore, consolidated and blinded to receive concrete									
18	150mm (consolidated thickness), under floor	532.00	M3	9.50	5,054.00					
19	Damp proof membrane, well lapped in the joints and sealed with approved pressure sensitive tape, turned up against wall for at least the full thickness of floor (measured nett : allow for laps and turn up)									
20	Single layer 0.25mm thick polythene vapour barrier, under floor slab.	532.00	M3	2.60	1,383.20					
21	Vibrated reinforced concrete Grade 35/20, as specified, in.									
22	Pad footing	303.00	M3	229.00	69,387.00					
23	Column/stumps (Provisional)	6.00	M3	229.00	1,374.00					

9. Click “Reload” to view the overall progress claim percentage and amount.

No.	Description	Overall Total	% Up To Date Claim	Amount
	Project Testing			
1	Bill No 1			
	Building Works			
2	Bill No 2	1,885,220.37	0.27%	5,050.05
	VARIATION ORDER			
	MATERIAL ON SITE			

Add New Claim Version

1. Go to Buildspace Pro and access to Post Contract module.



2. Double click to select a project with status “Post Contract”.

build space | Post Contract

Post Contract > Project Listing

No filter applied Find by: Title Search Refresh

Title	Country	State	Status	Created At
Project Testing 1	Malaysia	Pulau Pinang	Post Contract	13/12/2017 02:05
2				

3. Click “Claim Revision”

build space | Post Contract

Post Contract > Project Testing (Status::POST CONTRACT)

Project Breakdown Project Properties Claim Revision:Version 1 Bill No 2 :: Standard

Re-Measure Provisional Location Management Define Locations Sub-Packages Reload

No.	Description	Overall Total	%	Amount
	Project Testing			
1	Bill No 1			
	Building Works			
2	Bill No 2	1,885,220.37	0.27%	5,050.05
	VARIATION ORDER			
	MATERIAL ON SITE			

- Click at action logo and change the current progress claim status from “In Progress” to “Locked”.

The screenshot shows the 'build space' interface for 'Post Contract'. The breadcrumb trail is 'Post Contract > Project Testing (Status::POST CONTRACT)'. The active tab is 'Claim Revision::Version 1'. Under the 'Claim Revision' section, there is a table with the following data:

No.	Claim Version	Current Viewing Claim	Status	Updated At	Action
1	Version No. 1	✓	In Progress	19 Dec 2017	

The screenshot shows the 'build space' interface for 'Post Contract'. The breadcrumb trail is 'Post Contract > Project Testing (Status::POST CONTRACT)'. The active tab is 'Claim Revision::Version 1'. Under the 'Claim Revision' section, there is a table with the following data:

No.	Claim Version	Current Viewing Claim	Status	Updated At	Action
1	Version No. 1	✓	Locked	19 Dec 2017	

- Click “Add New Claim” to create new claim version. After that click “Project Breakdown” to perform new progress claim.


The screenshot shows the 'build space' interface for 'Post Contract'. The breadcrumb trail is 'Post Contract > Project Testing (Status::POST CONTRACT)'. The active tab is 'Claim Revision::Version 2'. Under the 'Claim Revision' section, there is a table with the following data:

No.	Claim Version	Current Viewing Claim	Status	Updated At	Action
1	Version No. 1	View This Revision	Locked	19 Dec 2017	-
2	Version No. 2	✓	In Progress	19 Dec 2017	

6. Select Bill > Type/Unit > Element to perform progress claim based on items. (Note: Amount of previous claim will moved to Previous Claim column)

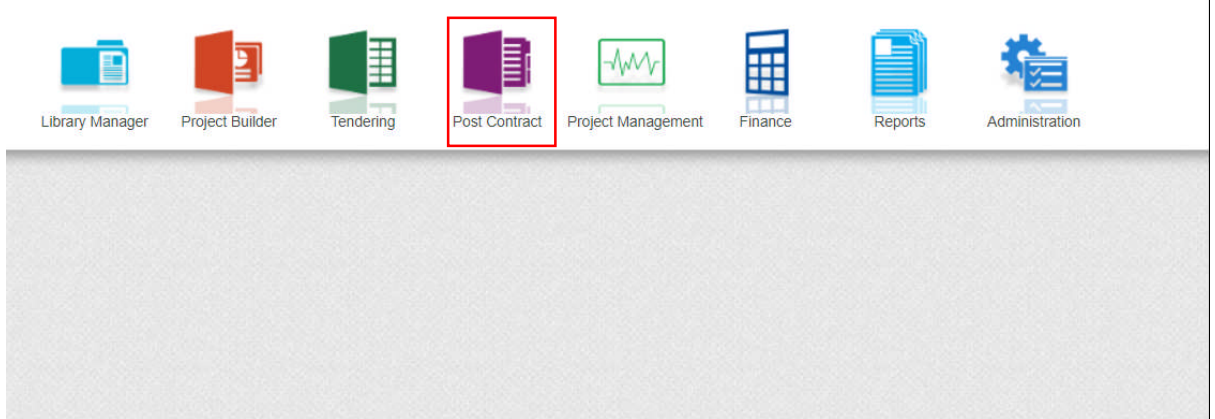
No.	Description	Qty	Unit	Rate	Total	% Previous Claim	Amount	% Current Claim	Amount	% Up To Date Claim	Qty	Am
1	Excavate oversite, commencing from platform level											
2	Not exceeding 250mm, to reduce level	125.00	M3	3.50	437.50	10.00%	43.75	20.00%	87.50	30.00%	37.50	13
3	Excavate, commencing from reduce level.											
4	Maximum depth not exceeding 2.00m deep, for footings	188.00	M3	8.50	1,598.00	20.00%	319.60	15.00%	239.70	35.00%	85.90	55
5	Maximum depth not exceeding 2.00m but not exceeding 4.00 deep, for footings	554.00	M3	10.50	5,817.00	20.00%	1,163.40	15.00%	872.55	35.00%	193.90	2,03
6	Maximum depth not exceeding 1.00m deep, for ground beams	200.00	M3	8.50	1,700.00	20.00%	340.00	15.00%	255.00	35.00%	70.00	59
7	Maximum depth not exceeding 1.00m deep, for trenches	33.00	M3	8.50	280.50	20.00%	56.10	15.00%	42.08	35.00%	11.55	9
8	Earthfilling materials from selected excavated materials, filling up.											
9	Filling to excavation, deposited and consolidated	50.00	M3	12.00	600.00	25.00%	150.00	30.00%	180.00	55.00%	27.50	33
10	Concrete Grade 15/20, as specified, in.											
11	Blinding, not exceeding 100mm thick, under footings	19.00	M3	180.00	3,420.00	30.00%	1,026.00	20.00%	684.00	50.00%	9.50	1,71
12	Blinding, not exceeding 100mm thick, under ground beams	5.00	M3	180.00	900.00	15.00%	135.00	40.00%	90.00	55.00%	9.75	48
13	Blinding, not exceeding 100mm thick, under ground floors	23.00	M3	180.00	4,140.00	15.00%	621.00	50.00%	2,070.00	65.00%	14.95	2,69
14	Blinding, not exceeding 100mm thick, under trenches	2.00	M3	180.00	360.00	20.00%	72.00	30.00%	108.00	50.00%	1.00	18
15	Disposal off site, including paying all dues											
16	Excavated materials	936.00	M3	3.00	2,808.00	40.00%	1,123.20	50.00%	1,404.00	90.00%	842.40	2,52
17	Hardcore, consolidated and blinded to receive concrete											
18	150mm (consolidated thickness), under floor	532.00	M3	9.50	5,054.00							
19	Damp proof membrane, well lapped in the joints and sealed with approved pressure sensitive tape, turned up against wall for at least the full thickness of floor (measured nett - allow for laps and turn up)											
20	Single layer 0.25mm thick polythene vapour barrier, under floor slab	532.00	M3	2.80	1,383.20							
21	Vibrated reinforced concrete Grade 35/20, as specified, in.											
22	Pad footing	303.00	M3	229.00	69,387.00							
23	Column stamps (Provisional)	6.00	M3	229.00	1,374.00							
24	Ground beams	48.00	M3	229.00	10,534.00							
25	Trench bases, exceeding 100mm but not exceeding 150mm thick	5.00	M3	229.00	1,145.00							
26	Trench walls, exceeding 100mm but not exceeding 150mm thick	9.00	M3	229.00	2,061.00							
27	Trench slab, exceeding 100mm but not exceeding 150mm thick	88.00	M3	229.00	20,152.00							
28	Hot rolled steel reinforcement (Mild steel, minimum yield stress 250N per sq. mm)											
29	10mm Diameter, in ground beams (stirrups)	1,153.00	KG	4.00	4,612.00							
30	Hot rolled steel deformed reinforcement (High yield 60, minimum yield stress 460N											

Note: User able to view the previous claim by click at "View This Revision". However, user is not allowed to edit any content from previous claim version.

No.	Claim Version	Current Viewing Claim	Status	Updated At	Action
1	Version No. 1	View This Revision	Locked	19 Dec 2017	-
2	Version No. 2	✓	In Progress	19 Dec 2017	

Variation Orders

1. Go to Buildspace Pro and access to Post Contract module.



2. Double click to select a project with status "Post Contract".

build space | Post Contract

Post Contract > Project Listing

No filter applied Find by: Title Search Refresh

Title	Country	State	Status	Created At
1 Project Testing 1	Malaysia	Pulau Pinang	Post Contract	13/12/2017 02:05
2				

3. Double click at "Variation Order".

build space | Post Contract

Post Contract > Project Testing (Status::POST CONTRACT)

Project Breakdown Project Properties Claim Revision::Version 2 Bill No 2 :: Standard VARIATION ORDER

Re-Measure Provisional Location Management Define Locations Sub-Packages Reload

No.	Description	Overall Total	%	Amount
	Project Testing			
1	Bill No 1 Building Works			
2	Bill No 2	1,885,220.37	0.27%	5,050.05
	VARIATION ORDER			
	MATERIAL ON SITE			

- Insert title of Variation Orders by pressing “Enter” on keyboard. (For example: Variation Orders 1). After that, double click in and perform Variation Orders.

The screenshot shows the 'build space' software interface for a 'Post Contract' project. The breadcrumb trail is 'Post Contract > Project Testing (Status: POST CONTRACT)'. The current view is 'Variation Orders'. Below the breadcrumb trail, there are navigation tabs: 'Project Breakdown', 'Project Properties', 'Claim Revision.:Version 2', 'Bill No 2.: Standard', and 'VARIATION ORDER'. The 'Variation Orders' section has a sub-menu arrow and two actions: '+ Add Row' and '- Delete Row'. A table with the following columns is displayed: 'No.', 'Description', 'Omission', 'Addition', 'Nett Omission/Addition', 'Up To Date Claim', 'Status', and 'Updated At'. The first row has 'No.' 1 and 'Description' 'Variation Orders 1', with a status of 'PENDING' and an update time of '19/12/2017 22:27'. The second row is empty.

No.	Description	Omission	Addition	Nett Omission/Addition	Up To Date Claim	Status	Updated At
1	Variation Orders 1					PENDING	19/12/2017 22:27
2							

- Select at the column and then click “Omit from Bills”.

The screenshot shows the 'build space' software interface for a 'Post Contract' project. The breadcrumb trail is 'Post Contract > Project Testing (Status: POST CONTRACT)'. The current view is 'Variation Orders > Variation Orders 1'. Below the breadcrumb trail, there are navigation tabs: 'Project Breakdown', 'Project Properties', 'Claim Revision.:Version 2', 'Bill No 2.: Standard', and 'VARIATION ORDER'. The 'Variation Order Items' section has a sub-menu arrow and two actions: '+ Add Row' and '- Delete Row'. A table with the following columns is displayed: 'No', 'Bill Ref', 'Total Unit', 'Description', 'Type', and 'Unit'. The first row has 'No' 1, 'Type' 'ITEM', and 'Unit' is empty. The 'Omit From Bills' button is highlighted with a red box.

No	Bill Ref	Total Unit	Description	Type	Unit
1				ITEM	

6. Select Bill / Unit / Element and then tick to select item for Variation Orders. After that click "Import"

Omit From Bills

Bills > Bill No 2 > Unit 1 > WORK BELOW GROUND FLOOR LEVEL >

Close Import

Bill Ref	Description	Type	Unit	Qty	Rate
	Excavate oversite, commencing from platform level	HEAD 1			
<input checked="" type="checkbox"/>	1/1 A Not exceeding 250mm, to reduce level.	ITEM	M3	125.00	3.50
<input type="checkbox"/>	Excavate, commencing from reduce level.	HEAD 2			
<input checked="" type="checkbox"/>	1/1 B Maximum depth not exceeding 2.00m deep, for footings.	ITEM	M3	188.00	8.50
<input checked="" type="checkbox"/>	1/1 C Maximum depth not exceeding 2.00m but not exceeding 4.00 deep, for footings.	ITEM	M3	554.00	10.50
<input checked="" type="checkbox"/>	1/1 D Maximum depth not exceeding 1.00m deep, for ground beams	ITEM	M3	200.00	8.50
<input checked="" type="checkbox"/>	1/1 E Maximum depth not exceeding 1.00m deep, for trenches.	ITEM	M3	33.00	8.50
<input type="checkbox"/>	Earthfilling materials from selected excavated materials, filling up.	HEAD 2			
<input type="checkbox"/>	1/1 F Filling to excavation, deposited and consolidated.	ITEM	M3	50.00	12.00
<input type="checkbox"/>	Concrete Grade 15/20, as specified, in,	HEAD 2			
<input type="checkbox"/>	1/1 G Blinding, not exceeding 100mm thick, under footings.	ITEM	M3	19.00	180.00
<input type="checkbox"/>	1/1 H Blinding, not exceeding 100mm thick, under ground beams	ITEM	M3	5.00	180.00
<input type="checkbox"/>	1/1 J Blinding, not exceeding 100mm thick, under ground floors.	ITEM	M3	23.00	180.00
<input type="checkbox"/>	1/1 K Blinding, not exceeding 100mm thick, under trenches.	ITEM	M3	2.00	180.00
<input type="checkbox"/>	Disposal off site, including paying all dues	HEAD 2			
<input type="checkbox"/>	1/1 L Excavated materials	ITEM	M3	936.00	3.00
<input type="checkbox"/>	Hardcore, consolidated and blinded to receive concrete	HEAD 2			
<input type="checkbox"/>	1/1 M 150mm (consolidated thickness) under floor	ITEM	M3	532.00	9.50

7. Insert new quantity based on items that omitted from bills. Net Omission/Addition will also have generated when new quantity inserted.

build space Post Contract

Post Contract > Project Testing (Status: POST CONTRACT)

Project Breakdown Project Properties Claim Revision: Version 2 Bill No 2 - Standard VARIATION ORDER

Variation Orders > Variation Orders 1 >

Variation Order Items Claim Revision

Variation Order Items

Add Row Indent Outdent Delete Row Omit From Bills

Bill Ref	Total Unit	Description	Type	Unit	Rate	Qty Omission	Total	Qty Addition	Total	Nett Omission/Addition
		Excavate oversite, commencing from platform level	HEAD 1							
1/1 A	1	Not exceeding 250mm, to reduce level.	ITEM	M3	3.50	125.00	437.50	150.00	525.00	87.50
		Excavate, commencing from reduce level.	HEAD 1							
1/1 B	1	Maximum depth not exceeding 2.00m deep, for footings.	ITEM	M3	8.50	188.00	1,598.00	200.00	1,700.00	102.00
1/1 C	1	Maximum depth not exceeding 2.00m but not exceeding 4.00 deep, for footings.	ITEM	M3	10.50	554.00	5,817.00	550.00	5,775.00	(42.00)
1/1 D	1	Maximum depth not exceeding 1.00m deep, for ground beams	ITEM	M3	8.50	200.00	1,700.00	220.00	1,870.00	170.00
1/1 E	1	Maximum depth not exceeding 1.00m deep, for trenches.	ITEM	M3	8.50	33.00	280.50	30.00	255.00	(25.50)

8. After omitted all variation orders items, click “**Variation Orders**” and change the status from “**Pending**” to “**Approved**” by pressing Enter and select the status.

build space | Post Contract

Post Contract > Project Testing (Status::POST CONTRACT)

Project Breakdown | Project Properties | Claim Revision::Version 2 | Bill No 2 :: Standard | **VARIATION ORDER**

Variation Orders > Variation Orders 1 >

Variation Order Items | Claim Revisions

Variation Order Items >

+ Add Row | + Indent | + Outdent | - Delete Row | - Omit From Bills

No	Bill Ref	Total Unit	Description	Type	Unit
1			Excavate oversite, commencing from platform level	HEAD 1	
2	1/1 A	1	Not exceeding 250mm, to reduce level.	ITEM	M3
3			Excavate, commencing from reduce level.	HEAD 1	
4	1/1 B	1	Maximum depth not exceeding 2.00m deep, for footings.	ITEM	M3
5	1/1 C	1	Maximum depth not exceeding 2.00m but not exceeding 4.00 deep, for footings.	ITEM	M3
6	1/1 D	1	Maximum depth not exceeding 1.00m deep, for ground beams	ITEM	M3
7	1/1 E	1	Maximum depth not exceeding 1.00m deep, for trenches.	ITEM	M3
8				ITEM	

build space | Post Contract

Post Contract > Project Testing (Status::POST CONTRACT)

Project Breakdown | Project Properties | Claim Revision::Version 2 | Bill No 2 :: Standard | **VARIATION ORDER**

Variation Orders >

+ Add Row | - Delete Row

No.	Description	Omission	Addition	Nett Omission/Addition	Up To Date Claim	Status	Updated At
1	Variation Orders 1	9,833.00	10,125.00	292.00		APPROVED	19/12/2017 22:45
2							

9. Click “Project Breakdown” and click “Reload” to view the total amount of Variation Orders.

build space | Post Contract

Post Contract > Project Testing (Status::POST CONTRACT)

Project Breakdown | Project Properties | Claim Revision::Version 2 | Bill No 2 :: Standard | VARIATION ORDER

Variation Orders >

+ Add Row | - Delete Row

No.	Description	Omission	Addition	Nett Omission/Addition	Up To Date Claim	Status	Updated At
1	Variation Orders 1	9,833.00	10,125.00	292.00		APPROVED	19/12/2017 22:45
2							-

build space | Post Contract

Post Contract > Project Testing (Status::POST CONTRACT)

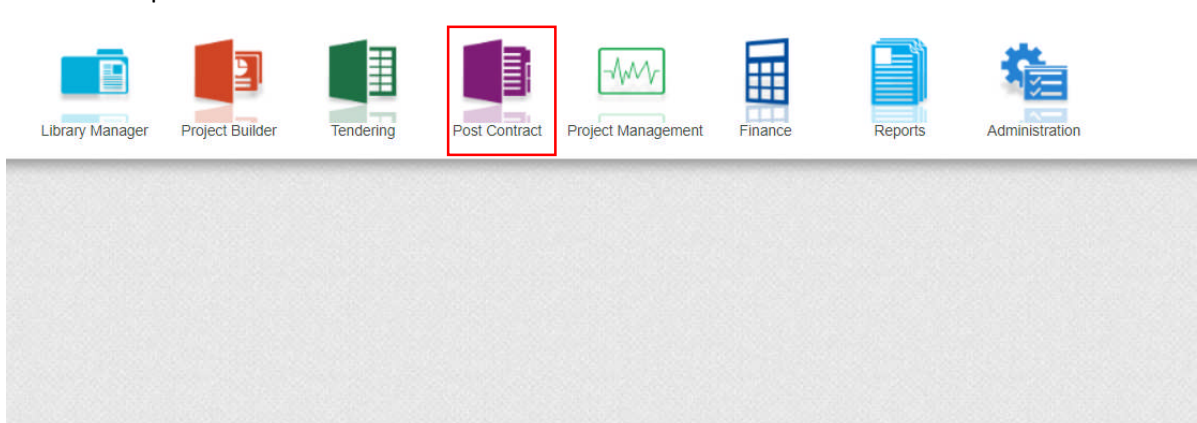
Project Breakdown | Project Properties | Claim Revision::Version 2 | Bill No 2 :: Standard | VARIATION ORDER

Re-Measure Provisional | Location Management | Define Locations | Sub-Packages | Reload

No.	Description	Overall Total	%	Up To Date C
	Project Testing			
1	Bill No 1			
	Building Works			
2	Bill No 2	1,885,220.37	0.60%	
	VARIATION ORDER	292.00		
	MATERIAL ON SITE			

Re-measurement / Final Account

1. Go to Buildspace Pro and access to Post Contract module.



2. Double click to select a project with status "Post Contract".

The screenshot shows the 'Post Contract > Project Listing' page. At the top, there is a search bar with 'Find by: Title' and a search icon. Below the search bar is a table with the following data:

Title	Country	State	Status	Created At
1 Project Testing 1	Malaysia	Pulau Pinang	Post Contract	13/12/2017 02:05
2				

3. Click "Re-Measure Provisional" and select All Items-Selected Item(s) or Provisional Items.
(Note: "All Items" is for all bill items, "Provisional Item" is for provisional bill & provisional items (ITEM-P) on normal bill)

The screenshot shows the 'Post Contract > Project Testing (Status: POST CONTRACT)' page. At the top, there is a navigation bar with 'Project Breakdown', 'Project Properties', and 'Claim Revision::Version 2'. Below the navigation bar is a table with the following data:

No.	Description	Overall Total	%	Amount
Project Testing				
1	Bill No 1			
	Building Works			
2	Bill No 2	1,885,220.37	0.60%	11,352.88
VARIATION ORDER		292.00		
MATERIAL ON SITE				

4. Double click and select bill & unit & element.

build space | Post Contract 👤

Post Contract > Re-Measure Provisional (All Items) - Project Testing

⏪ Back to Post Contract

Bill >

No.	Bill	Omission	Addition	Nett Omission/Addition
1	Bill No 1			
2	Bill No 2	1,885,220.37		(1,885,220.37)
3				

build space | Post Contract 👤

Post Contract > Re-Measure Provisional (All Items) - Project Testing

⏪ Back to Post Contract

Bill > Bill No 2 >

No.	Description	Total Units	Omission	Addition	Nett Omission/Addition
1	Default	1.00	1,885,220.37		(1,885,220.37)
2					

build space | Post Contract 👤

Post Contract > Re-Measure Provisional (All Items) - Project Testing

⏪ Back to Post Contract

Bill > Bill No 2 > Default >

No.	Description	Omission	Addition	Nett Omission/Addition
1	WORK BELOW GROUND FLOOR LEVEL	456,034.93		(456,034.93)
2	FRAME	246,782.80		(246,782.80)
3	UPPER FLOORS	155,280.69		(155,280.69)
4	STAIRCASE, STEPS AND RAMP CONSTRUCTION	35,702.50		(35,702.50)
5	STRUCTURAL WALLS	38,334.00		(38,334.00)
6	ROOF FINISHES AND RAINWATER GOODS	132,152.90		(132,152.90)
7	EXTERNAL WALLS, DOORS AND WINDOWS	208,566.54		(208,566.54)
8	PARTITIONS, DOOR AND WINDOW	117,054.61		(117,054.61)
9	EXTERNAL WALL FINISHES	45,256.40		(45,256.40)
10	INTERNAL WALL FINISHES	114,594.00		(114,594.00)
11	FLOOR FINISHES	186,650.40		(186,650.40)
12	STAIRCASE, STEPS, RAMP FINISHES AND BALUSTRADES	29,921.30		(29,921.30)
13	CEILING FINISHES	86,384.40		(86,384.40)
14	SUNDRIES	11,918.90		(11,918.90)
15	SANITARY FITTINGS	20,586.00		(20,586.00)
16				

- Insert new quantity based on each item. Net Omission/Addition also listed in the column after new quantity inserted. After that, click at "Bill".

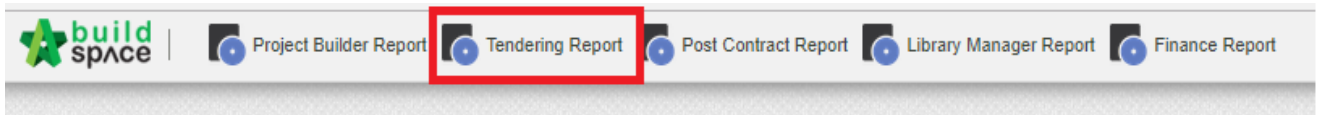
No.	Description	Type	Unit	Rate	Qty/Unit Omission	Total/Unit	Qty/Unit Addition	Total/Unit	Nett Omission/Addition
1	Excavate oversite, commencing from platform level	HEAD 1							
2	Not exceeding 250mm, to reduce level	ITEM	M3	3.50	125.00	437.50	150.00	525.00	87.50
3	Excavate, commencing from reduce level.	HEAD 2							
4	Maximum depth not exceeding 2.00m deep, for footings.	ITEM	M3	8.50	188.00	1,598.00	100.00	850.00	(748.00)
5	Maximum depth not exceeding 2.00m deep, for footings.	ITEM	M3	10.50	554.00	5,817.00	700.00	7,350.00	1,533.00
6	Maximum depth not exceeding 1.00m deep, for ground beams	ITEM	M3	8.50	200.00	1,700.00	400.00	3,400.00	1,700.00
7	Maximum depth not exceeding 1.00m deep, for trenches	ITEM	M3	8.50	33.00	280.50	50.00	425.00	144.50
8	Earthfilling materials from selected excavated materials, filling up.	HEAD 2							
9	Filling to excavation, deposited and consolidated.	ITEM	M3	12.00	50.00	600.00	100.00	1,200.00	600.00
10	Concrete Grade 15/20, as specified, in.	HEAD 2							
11	Blinding, not exceeding 100mm thick, under footings.	ITEM	M3	180.00	19.00	3,420.00	100.00	18,000.00	14,580.00
12	Blinding, not exceeding 100mm thick, under ground beams	ITEM	M3	180.00	5.00	900.00	10.00	1,800.00	900.00
13	Blinding, not exceeding 100mm thick, under ground floors.	ITEM	M3	180.00	23.00	4,140.00	15.00	2,700.00	(1,440.00)
14	Blinding, not exceeding 100mm thick, under trenches.	ITEM	M3	180.00	2.00	360.00	2.00	360.00	
15	Disposal off site, including paying all dues	HEAD 2							
16	Excavated materials	ITEM	M3	3.00	938.00	2,808.00	400.00	1,200.00	(1,608.00)
17	Hardcore, consolidated and blinded to receive concrete	HEAD 2							
18	150mm (consolidated thickness) under floor	ITEM	M3	9.50	532.00	5,054.00	700.00	6,650.00	1,596.00
19	Damp proof membrane, well lapped in the joints and sealed with approved pressure sensitive tape, turned up against wall for at least the full thickness of floor (measured nett : allow for laps and turn up)	HEAD 2							
20	Single layer 0.25mm thick polythene vapour barrier, under floor slab.	ITEM	M3	2.60	532.00	1,383.20	1,000.00	2,600.00	1,216.80
21	Vibrated reinforced concrete Grade 35/20, as specified, in.	HEAD 2							
22	Fad footing	ITEM	M3	228.00	303.00	69,387.00	600.00	137,400.00	68,013.00
23	Column stumps (Provisional)	ITEM	M3	228.00	8.00	1,374.00	5.00	1,145.00	(229.00)
24	Ground beams	ITEM	M3	228.00	46.00	10,534.00	50.00	11,450.00	916.00
25	Trench bases, exceeding 100mm but not exceeding 150mm thick	ITEM	M3	228.00	5.00	1,145.00	50.00	13,740.00	10,305.00
26	Trench walls, exceeding 100mm but not exceeding 150mm thick	ITEM	M3	228.00	9.00	2,061.00	50.00	11,879.00	9,348.00
27	Trench slab, exceeding 100mm but not exceeding 150mm thick.	ITEM	M3	228.00	88.00	20,152.00	500.00	114,500.00	94,348.00
28	Hot rolled steel reinforcement (Mild steel, minimum yield stress 250N per sq. mm)	HEAD 2							
29	10mm Diameter, in ground beams (stirrups)	ITEM	KG	4.00	1,153.00	4,612.00			(4,612.00)
30	Hot rolled steel deformed reinforcement (High yield 60, minimum yield stress 460N per sq. mm)	HEAD 2							
31	16mm Diameter, in footings	ITEM	KG	4.00	18,987.00	75,948.00			(75,948.00)
32	12mm Diameter, in footings	ITEM	KG	4.00	5,638.00	22,552.00			(22,552.00)

- Total Net Omission/Addition will be listed based on each bill.

No.	Bill	Omission	Addition	Nett Omission/Addition
1	Bill No 1			
2	Bill No 2	1,885,220.37	336,745.00	(1,548,475.37)
3				

Report

1. Click the Buildspace logo and select **Report module**, after that choose the sub module **Tendering Report**.



2. Double click the project title to view the all bills within its project.

The screenshot shows the 'Project Listing' table. The first row, 'Project Testing', is highlighted with a red box. A red arrow points to the text 'Double click the title project' next to it. The table has columns for Title, Country, State, Status, and Created At.

Title	Country	State	Status	Created At
1 Project Testing	Malaysia	Kuala Lumpur	Tendering	18/12/2017 04:11
2 Project Kuala Lumpur	Malaysia	Kuala Lumpur	Tendering	12/12/2017 23:43
3 Sample Project 3	Indonesia	Jakarta Raya	Post Contract	06/12/2017 01:55
4 Project ABCD	Malaysia	Kuala Lumpur	Post Contract	24/11/2017 03:00
5 Project ABCD	Malaysia	Kuala Lumpur	Post Contract	23/11/2017 22:21
6 Sample Project	Indonesia	Jakarta Raya	Post Contract	22/11/2017 03:22
7 Project ABC	Malaysia	Selangor	Post Contract	17/11/2017 01:58
8 CADANGAN MEMBINA RUMAH BANGLO	Malaysia	Selangor	Participated	12/11/2017 21:32

3. Click **Print Summary** and choose print or export.

The screenshot shows the 'Project Analyzer' view for 'Project Testing'. The 'Print Summary' button is highlighted with a red box. A dialog box titled 'Project Estimate Summary (Auto)' is open, showing options for 'Print' and 'Export To Excel'. The 'Print' button is also highlighted with a red box. The dialog box contains the following text:

1. Click print summary to print summary

2. Choose to export to excel or print in pdf format

Print Page Title: Project Estimate Summary (Auto)

*Description Type: Full Description
 One Line Description

*Price Display Format: 1,000.00 1,000,00

*Print Without Cents:

4. Click the **View Tenderers**.

The screenshot shows the 'View Tenderers' view for 'Project Testing'. The 'View Tenderers' button is highlighted with a red box. The table below shows the project breakdown with columns for No., Description, Original Amount, Total Markup (%), Total Markup (RM), Overall Total, and % Project.

No.	Description	Original Amount	Total Markup (%)	Total Markup (RM)	Overall Total	% Project
1	BILL NO 1 - Prelim					
	BUILDING WORKS					
2	BILL NO 2 - Single Type	1,375,500.00			1,375,500.00	51.76%
3	BILL NO 3 - Multi Type 1	1,282,162.50			1,282,162.50	48.24%
4	BILL NO 4 - Multi Type 2					

The screenshot shows the 'View Tenderers' view for 'Project Testing'. The 'Tenderer Setting' button is highlighted with a red box. A dialog box titled 'Assign Contractors :: Project Testing' is open, showing a list of contractors and their rates. The 'Tenderer Setting' button is also highlighted with a red box. The dialog box contains the following text:

1. Click to view all contractor submit the tender rate

2. Thick in the box which contractor need to view the comparison rate

3. Thick which bill

Assign Contractors :: Project Testing

No.	Name	Original Total	Adjusted Total
1	Company A	1,072,000.00	1,072,000.00
2	Contractor 1	1,400,000.00	
3	Contractor 2	1,240,000.00	
4			

5. Click **Summary** and choose **summary (selected tenderer)**, and then click **print**.
6. The **red colour** represents **higher BQ rate** and the **green** represents **lower BQ rate** based on several tenderers' rate.

Summary (All Tenderers) (Lowest to Highest)

No	Description	Estimate	Company A	Contractor 2	Contractor 1
1	Project Testing	2,657,662.50	1,072,000.00	1,240,000.00	1,400,000.00
2	BILL NO 1 - Prelim				
3	BUILDING WORKS				
4	BILL NO 2 - Single Type	1,375,500.00	1,072,000.00	1,240,000.00	1,400,000.00
5	BILL NO 3 - Multi Type 1	1,282,162.50			
6	BILL NO 4 - Multi Type 2				
7					

Print or export to excel format

Summary (All Tenderers) (Lowest to Highest)

Print Page Title: Summary (All Tenderers) (Lowest to Highest)

Description Type: Full Description One Line Description

Price Display Format: 1,000.00 1,000.00

Print Without Cents:

- Click **summary** and choose **summary with revision (all tenderers)**.

Summary With Revisions (All Tenderers) (Lowest to Highest)

No	Description	Grand Total	Grand Total	Grand Total	Grand Total
		Estimate	Company A	Contractor 2	Contractor 1
1	Project Testing	2,657,662.50	1,072,000.00	1,240,000.00	1,400,000.00
2	BILL NO 1 - Prelim				
3	BUILDING WORKS				
4	BILL NO 2 - Single Type	1,375,500.00	1,072,000.00	1,240,000.00	1,400,000.00
5	BILL NO 3 - Multi Type 1	1,282,162.50			
6	BILL NO 4 - Multi Type 2				
7					

Summary With Revisions (All Tenderers) (Lowest to Highest)

Export To Excel

Print Page Title: Summary With Revisions (All Tenderers) (Lowest to Highest)

Description Type: Full Description One Line Description

Price Display Format: 1,000.00 1,000.00

Print Without Cents:

- Double click the bill to view the element and double click the element to view the item.
- Click print the **item rate**, **item total** or **item rate and total** for all contractor.

Tendering Report > View Tenderers - Project Testing

Back To Tendering Report Tenderer Setting

Bill > BILL NO 2 - Single Type > WORK BELOW LOWEST FLOOR FINISH >

Item Rate Item Total Item Rate & Total

No	Bill Ref	Description	Type	Unit	Grand Total Qty	Rate	Grand Total	Rate	Grand Total	Rate
1		Plain In-Situ Concrete Grade 15 as specified	HEAD 1							
2		In ground slab	HEAD 2							
3	1/1 A	Not exceeding 100mm thick	ITEM	M3	2,000.00	163.75	327,500.00	100.00	200,000.00	180.00
4	1/1 B	Not exceeding 100mm thick; laid to slope not exceeding 15 degree from horizontal	ITEM	M3	2,400.00	163.75	393,000.00	80.00	192,000.00	150.00
5	1/1 C	Not exceeding 100mm thick; laid to slope exceeding 15 degree from horizontal	ITEM	M3	4,000.00	163.75	655,000.00	170.00	680,000.00	170.00
6			ITEM							