

Using the Excel file “LS Calculation Template” Per a Contract Only

Before using the template, make sure you get the estimate done in Oman, and the first three columns **Quantity**, **Unit** and **Unit Price** are filled.

- When it is done, click on the corner of the page, then on **Ctrl + C**, this would copy all data in the screen.

PAY ITEM	Description	Quantity	Unit	Unit Price	Extension	Comparison #1	Comparison #2	Comparison #3	Sector
105-06845	CONSTRUCTION ENGINEERING	1.00	L.S.	21,699.91	21,699.91	21,699.91	19,022.26	14,825.95	10
109-08359	LIQUIDATED DAMAGES	1.00	\$	1.00	1.00	1.00	1.00	1.00	10
109-08360	CONTRACT LIENS	1.00	\$	1.00	1.00	1.00	1.00	1.00	10

- Back to the Excel template and click on “**Oman Result**” sheet, then click on the button “**Paste Data from Oman**”.

PAY ITEM	Description	Quantity	Unit	Unit Price	Put x to Select

- Only green columns are editable.

PAY ITEM	Description	Quantity	Unit	Unit Price	Put x to Select	Unit Price After	Enter LS %
105-06845	CONSTRUCTION ENGINEERING	1	L.S.	\$24,269.77		\$24,269.77	
110-01001	MOBILIZATION AND DEMOBILIZATION	1	L.S.	\$104,232.24		\$104,232.24	
201-52370	CLEARING RIGHT OF WAY	1.00	L.S.	\$47,271.03		\$47,271.03	
202-02240	PAVEMENT REMOVAL	10,050.00	S.Y.	\$7.51		\$7.51	
202-51328	PRESENT STRUCTURE, REMOVE PORTIONS	1	L.S.	\$949,288.28		\$949,288.28	
202-51330	PRESENT STRUCTURE, REMOVE	1.00	L.S.	\$65,079.96		\$65,079.96	
202-74035	SIGN, REMOVE	20.00	EACH	\$82.19		\$82.19	
202-74055	OVERHEAD SIGN STRUCTURE ROX TRUSS	5.00	EACH	\$3,035.57		\$3,035.57	

The above data is already filled in the Excel template sample (LS_Calculation_(Sample).xslm)

Notice that the bid history prices found in Oman for the top 2 L.S. Items:

- MOBILIZATION AND DEMOBILIZATION \$24,269.77
- CONSTRUCTION ENGINEERING \$104,232.24

If you decide to use percentage instead of the above unit prices, then both items should be removed from the total amount:

The original contract amount from Oman was: \$15,346,414.94

The amount of the selected LS Items above to be removed: \$128,502.01

New Contract Amount without the LS Items above: \$15,217,912.93

Any percentage applied should be on the new contract amount without the selected LS items. See next page for steps.

Selecting LS Items:

Using the same data from the sample file, put an “x’ next to the LS item to select it, and the percentage value to be applied such as 4% and 3%.

PAY ITEM	Description	Quantity	Unit	Unit Price	Put x to Select	Unit Price After	Enter LS %	New Unit Price
105-06845	CONSTRUCTION ENGINEERING	1	L.S.	\$24,269.77	x		4.0%	\$608,716.52
110-01001	MOBILIZATION AND DEMOBILIZATION	1	L.S.	\$104,232.24	x		3.0%	\$456,537.39
201-52370	CLEARING RIGHT OF WAY	1.00	L.S.	\$47,271.03		\$47,271.03		
202-02240	PAVEMENT REMOVAL	10,050.00	S.Y.	\$7.51		\$7.51		
202-51328	PRESENT STRUCTURE, REMOVE PORTIONS	1	L.S.	\$949,288.28		\$949,288.28		
202-51330	PRESENT STRUCTURE, REMOVE	1.00	L.S.	\$65,079.96		\$65,079.96		

Notice that 4% and 3% are applied to the new contract amount of \$15,217,912.93.

Summary Sheet

Make sure to click on refresh to get the latest calculations.

Contract Data			
Estimator:	MO	Contract No.:	R-12345
Letting:	12/02/12	District:	C
Description:	Testing		

LS Items Selected				
Item NO	Item description	Old Price	% used	New price
105-06845	CONSTRUCTION ENGINEERING	\$24,269.77	4.0%	\$608,716.52
110-01001	MOBILIZATION AND DEMOBILIZATION	\$104,232.24	3.0%	\$456,537.39
2	Items Selected	\$128,502.01		\$1,065,253.91
				\$ Changes: \$936,751.90

Original Amount From Oman Before any changes	\$15,346,414.94
Original Amount of Selected LS Items	\$128,502.01
Original Contract Amount - Selected LS Items Above	\$15,217,912.93

Refresh Data

# of Selected LS Items:	2
# of Non Selected LS Items:	9
# of All LS Items above:	11
# of All Other Items	167
Number Of pay Items in this Contract	178

Result Summary

Total Amount of Selected LS Items:	\$1,065,253.91	6.5%
Total Amount of Other LS Items:	\$2,017,411.68	12.4%
Amount of None LS Items:	\$13,200,501.25	81.1%
Grand Total	\$16,283,166.84	
% Contingency	2%	\$325,663.34
% Others	1%	\$162,831.67
		\$16,771,661.84

You can also add Contingency or any other percentage to the whole contract in this sheet.