

The City of Des Moines, Washington
2018 Bond Quantity Worksheet (Effective April 2018) Update is based on BCI rates

Project _____ Date _____
 Site address _____ Building permit no. _____
 Plat name _____ ROW permit no. _____
 Land Use Action (LUA) File Number. _____

Use the costs shown to fill in the items for the project. Use a blank space to add items that are not listed in this worksheet. This form must be submitted with the plans for approval by the City. Compute the quantities and subtotals for each section and the total cost at the end of the worksheet. Sign and date the completed worksheet on the last page.

	Cost	Unit	Adjacent and off-site work		New ROW and on-site work	
			Quantity	Total	Quantity	Total
<u>ROAD AND DRAINAGE</u>						
Excavation & embankment (roadway only)	\$34.93	CY	_____	_____	_____	_____
Crushed rock base	\$32.95	CY	_____	_____	_____	_____
A.C. pavement	\$3.44	SF	_____	_____	_____	_____
Cement concrete curb/gutter	\$18.45	LF	_____	_____	_____	_____
Cement concrete sidewalk	\$23.73	LF	_____	_____	_____	_____
6" pipe	\$19.77	LF	_____	_____	_____	_____
12" pipe	\$28.34	LF	_____	_____	_____	_____
18" pipe	\$36.91	LF	_____	_____	_____	_____
24" pipe	\$48.11	LF	_____	_____	_____	_____
36" pipe	\$69.86	LF	_____	_____	_____	_____
CB Type I-L grates	\$1,845.28	EA	_____	_____	_____	_____
CB Type I grates	\$1,449.86	EA	_____	_____	_____	_____
CB Type II grates (48")	\$2,438.41	EA	_____	_____	_____	_____
CB Type II grates (54")	\$2,767.92	EA	_____	_____	_____	_____
Quarry spalls	\$26.36	CY	_____	_____	_____	_____
Rockery	\$34.93	SF	_____	_____	_____	_____
Retaining wall	\$ _____	SF	_____	_____	_____	_____
_____	\$ _____	_____	_____	_____	_____	_____
_____	\$ _____	_____	_____	_____	_____	_____
	Subtotal					
<u>UTILITIES</u>						
Street lights	\$1,449.86	EA	_____	_____	_____	_____
Trenching	\$17.13	LF	_____	_____	_____	_____
U.G. power conversion*	\$ _____	LS	_____	_____	_____	_____
U.G. phone conversion*	\$ _____	LS	_____	_____	_____	_____
U.G. cable TV conversion*	\$ _____	LS	_____	_____	_____	_____
_____	\$ _____	_____	_____	_____	_____	_____
	Subtotal					

* Estimate by the utility company (PSE, Qwest or Comcast) is required and is the applicant's responsibility to obtain.

	Cost	Unit	Quantity	Total	Quantity	Total
<u>TRAFFIC</u>						
Permanent signing	\$131.81	EA				
Channelization	\$ _____	LS				
Signalization	\$ _____	LS				
Traffic Control	\$1,383.96	DAY				
	\$ _____					
	Subtotal					

<u>TRAFFIC SIGNAL SYSTEM</u>						
Concrete Junction Box, Type 1	\$329.51	EA				
Concrete Junction Box, Type 2	\$461.32	EA				
Concrete Junction Box, Type 3	\$659.03	EA				
Conduit, 2" PVC Sch 80	\$26.36	LF				
Conduit, 3" PVC Sch 80	\$31.63	LF				
Conduit, 2" RMC	\$32.95	LF				
Conduit, 3" RMC	\$39.54	LF				
Loop Detector, Type 1	\$2,108.89	EA				
Loop Detector, Type 2	\$1,054.45	EA				
Service Panel	\$3,295.14	EA				
Luminaire Mast Arm	\$527.22	EA				
Luminaires	\$856.74	EA				
Signal Pole - Mast Arm	\$5,272.23	EA				
Signal Strain Pole	\$4,613.20	EA				
Signal Pole Installation	\$2,636.11	EA				
Signal Pole Foundation	\$3,954.17	EA				
PPB Post	\$527.22	EA				
PPB Post Installation	\$395.42	EA				
PPB Post Foundation	\$988.54	EA				
Controller Cabinet Complete	\$26,361.14	EA				
Controller Cabinet Installation	\$1,977.09	EA				
New Controller Foundation	\$3,295.14	EA				
Pole Mount Terminal Cabinet	\$790.83	EA				
Signal Heads (3-Sect, 8"12")	\$659.03	EA				
Pedestrian Head	\$1,054.45	EA				
Pedestrian Push Button	\$527.22	EA				
New Wiring (Including Labor)	\$13,180.57	LS				
Removal of Existing Equipment	\$2,636.11	LS				
	\$ _____					
	Subtotal					

	Cost	Unit	Quantity	Total	Quantity	Total
<u>DEVELOPMENT SERVICES</u>						
Ground cover	\$9.23	SF				
Trees	\$257.02	EA				
Shrubs	\$65.90	EA				
Screening/buffer	\$329.51	LF				
Fencing	\$18.45	LF				
Pedestrian pathway	\$ _____	LF				
SEPA conditions	\$ _____	LS				
Resolution conditions	\$ _____	LS				
	\$ _____					
		Subtotal				

<u>ENVIRONMENTALLY CRITICAL AREA MITIGATION</u>						
Trees	\$26.36	EA				
Shrubs	\$19.77	EA				
Decompacting till/hardpan (6")	\$2.37	CY				
Decompacting till/hardpan (12")	\$2.37	CY				
Fertilize slow rel tabs 30gm/tree	\$4.85	EA				
Hydroseeding	\$0.78	SY				
Vegetable compost del/spread	\$57.30	CY				
Topsoil, del/spread	\$54.04	CY				
Mulch	\$57.30	CY				
Wetland seed mix 3lb/1000 sq ft	\$114.87	LB				
Buffer seed mix 3lb/1000 sq ft	\$76.66	LB				
Emergent plugs	\$1.45	EA				
Emergent containers	\$1.99	EA				
	\$ _____					
	\$ _____					
		Subtotal				

<u>LAND CLEARING & EROSION CONTROL</u>						
Rock construction pad	\$2,372.50	LS				
Seeding	\$0.66	SY				
Silt fence	\$7.91	LF				
Jute mesh	\$9.23	SY				
Temporary sediment pond	\$ _____	EA				
Temporary pipe	\$ _____	LS				
	\$ _____					
	\$ _____					
		Subtotal				

