

The City of Des Moines, Washington

2023 Bond Quantity Worksheet (Effective June 2023) 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. Sign and date the completed worksheet on the last page.

ROAD AND DRAINAGE	Cost	Unit	Adjacent and off-site work		New ROW and on-site work	
			Quantity	Total	Quantity	Total
Excavation & embankment (roadway only)	\$49.01	CY				
Crushed rock base	\$46.24	CY				
A.C. pavement	\$4.83	SF				
Cement concrete curb/gutter	\$25.89	LF				
Cement concrete sidewalk	\$33.29	LF				
6" pipe	\$27.74	LF				
12" pipe	\$39.77	LF				
18" pipe	\$51.79	LF				
24" pipe	\$67.51	LF				
36" pipe	\$98.03	LF				
CB Type I-L grates	\$2,589.42	EA				
CB Type I grates	\$2,034.54	EA				
CB Type II grates (48")	\$3,421.73	EA				
CB Type II grates (54")	\$3,884.13	EA				
Quarry spalls	\$36.99	CY				
Rockery	\$49.01	SF				
Retaining wall		SF				
Subtotal				\$ -		\$ -
UTILITIES						
Street lights	\$2,034.54	EA				
Trenching	\$24.04	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.

TRAFFIC	Cost	Unit	Adjacent and off-site work		New ROW and on-site work	
			Quantity	Total	Quantity	Total
Permanent signing	\$184.96	EA				
Channelization		LS				
Signalization		LS				
Traffic Control	\$1,942.06	DAY				
Subtotal				\$ -		\$ -
TRAFFIC SIGNAL SYSTEM						
Concrete Junction Box, Type 1	\$462.40	EA				
Concrete Junction Box, Type 2	\$647.35	EA				
Concrete Junction Box, Type 3	\$924.79	EA				
Conduit, 2" PVC Sch 80	\$36.99	LF				
Conduit, 3" PVC Sch 80	\$44.39	LF				
Conduit, 2" RMC	\$46.24	LF				
Conduit, 3" RMC	\$55.49	LF				
Loop Detector, Type 1	\$2,959.33	EA				
Loop Detector, Type 2	\$1,479.67	EA				
Service Panel	\$4,623.96	EA				
Luminaire Mast Arm	\$739.83	EA				
Luminaires	\$1,202.23	EA				
Signal Pole - Mast Arm	\$7,398.33	EA				
Signal Strain Pole	\$6,473.54	EA				
Signal Pole Installation	\$3,699.17	EA				
Signal Pole Foundation	\$5,548.75	EA				
PPB Post	\$739.83	EA				
PPB Post Installation	\$554.88	EA				
PPB Post Foundation	\$1,387.19	EA				
Controller Cabinet Complete	\$36,991.67	EA				
Controller Cabinet Installation	\$2,774.38	EA				
New Controller Foundation	\$4,623.96	EA				
Pole Mount Terminal Cabinet	\$1,109.75	EA				
Signal Heads (3-Sect, 8"12")	\$924.79	EA				
Pedestrian Head	\$1,479.67	EA				
Pedestrian Push Button	\$739.83	EA				
New Wiring (Including Labor)	\$18,495.84	LS				
Removal of Existing Equipment	\$3,699.17	LS				
Subtotal				\$ -		\$ -

DEVELOPMENT SERVICES	Cost	Unit	Adjacent and off-site work		New ROW and on-site work	
			Quantity	Total	Quantity	Total
Ground cover	\$12.95	SF				
Trees	\$360.67	EA				
Shrubs	\$92.48	EA				
Screening/buffer	\$462.40	LF				
Fencing	\$25.89	LF				
Pedestrian pathway		LF				
SEPA conditions		LS				
Resolution conditions		LS				
Subtotal				\$ -		\$ -
ENVIRONMENTALLY CRITICAL AREA MITIGATION						
Trees	\$36.99	EA				
Shrubs	\$27.74	EA				
Decompacting till/hardpan (6")	\$3.33	CY				
Decompacting till/hardpan (12")	\$3.33	CY				
Fertilize slow rel tabs 30gm/tree	\$6.81	EA				
Hydroseeding	\$1.09	SY				
Vegetable compost del/spread	\$80.40	CY				
Topsoil, del/spread	\$75.83	CY				
Mulch	\$80.40	CY				
Wetland seed mix 3lb/1000 sq ft	\$161.19	LB				
Buffer seed mix 3lb/1000 sq ft	\$107.57	LB				
Emergent plugs	\$2.03	EA				
Emergent containers	\$2.79	EA				
Subtotal				\$ -		\$ -
LAND CLEARING & EROSION CONTROL						
Rock construction pad	\$3,329.25	LS				
Seeding	\$0.92	SY				
Silt fence	\$11.10	LF				
Jute mesh	\$12.95	SY				
Temporary sediment pond		EA				
Temporary pipe		LS				
Subtotal				\$ -		\$ -

DETENTION & CONVEYANCE	Cost	Unit	Adjacent and off-site work		New ROW and on-site work	
			Quantity	Total	Quantity	Total
Pond excavation and spillway	\$12.95	CY				
Access road	\$4.62	SF				
Tank (48")	\$122.07	LF				
Tank (60")	\$157.21	LF				
Control structure (54")	\$4,634.32	EA				
Oil/Water separator	\$7,213.38	EA				
CB Type I & Grate	\$2,034.54	EA				
CB Type I-L & Grate	\$1,849.58	EA				
CB Type II & Grate (48")	\$3,329.25	EA				
CB Type II & Grate (54")	\$3,884.13	EA				
12" Outfall	\$49.94	LF				
18" Outfall	\$61.04	LF				
Quarry spalls	\$38.84	CY				
Energy dissipater		LS				
Infiltration trench	\$38.84	LF				
Flow spreader	\$38.84	LF				
Trash racks	\$554.88	EA				
Subtotal				\$ -		\$ -
Total Costs				\$ -		\$ -
Clearing & Grubbing (1% of Total Cost)				\$ -		\$ -
Mobilization (10% of Total Cost)				\$ -		\$ -
Total Cost before Contingency				\$ -		\$ -
Contingency (25% of Total Cost)				\$ -		\$ -
OTHER MITIGATION FEES						
Type II Landscaping	\$110.66	SF				
Tree Removal / Replacement	\$750.00	EA				
GRAND TOTAL				\$ -		\$ -

Upon completion and acceptance of the bonded item, ninety percent (90%) of the bond will be released to the owner. The remaining ten percent (10%) will be held for a period of one year for maintenance purposes.

Signature of Owner/Agent

Company Name

Phone Number

Transportation and Engineering Approval

Surface Water Management Approval

Development Services Approval