

Accepted
Placed

WASHINGTON BRICK, LIME & SEWER PIPE CO.
SPOKANE, WASH.

April 28th, 1919.

CITY OF MOSCOW, IDAHO.

We propose to sell you and by your acceptance hereon you agree to purchase from us and pay us for the following quantities and sizes of vitrified sewer pipe for the construction of the Sewage Disposal Works at Moscow, Idaho, for which bids were received March 19th, 1919, at the following prices, in carload shipments, f.o.b. cars factory, with freight allowed to Moscow, Idaho, and upon the terms and conditions stated herein.

Quantity	Size	Material	Price	Quantity	Size	Material	Price
5430	lin.ft.	24"	1.80	> 12	lin.ft.	22"	\$1.425
160	"	" 20"	1.25	> 670	"	" 15"	600 ✓ .78
> 800	"	" 18"	600 ✓	380	"	" 10"	
120	"	" 12"	.54				
2970	"	" 8"	.31	2780	"	" 6"	.19
120	"	" 4"	.125	> 5	"	" 18" 1/4 Bends	5.00
> 3	"	" 15" 1/4 Bends	3.03	> 6	"	" 20 to 15" Reducer	5.00
> 2	"	" 20x15" Single Tee	5.00	> 1	"	" 22x15 single tee	5.50
> 1	"	" 22 to 20" reducer	5.50	> 8	"	" 18 to 15 reducer	✓
> 4	"	" 15x8" single tee	3.03	> 4	"	" 18x8" single tee	
20	"	" 4" 1/4 Bend	.35	> 8	"	" 15 to 12" reducer	3.03
12	"	" 18x6" Single Ys	5.00	24	"	" 20x8 single Ys	5.00
3	"	" 18x8	"				
24	"	" 15x8	3.03	4	"	" 20x10" Double Tees	
16	"	" 15x6	3.03	8	"	" 12x6" Single Ys	2.16
12	"	" 12x6	"				
16	"	" 8 x 6	1.24	4	"	" 15 to 10" Reducers	
2	"	" 10x6	"	4	"	" 12 to 10 "	
24	"	" 10x8	"				

The foregoing quantities are in accordance with the Engineers estimate and may be increased not to exceed fifteen per cent, except by subsequent agreement, in the event that the amount of work to be done is increased by the Engineer or City, and may be decreased by an amount equal to any decrease made by engineer or city, or by their being legally or permanently enjoined or estopped from completing the

No. 1	11700 cu yds. Earth excavation and Backfill	.45	\$ 5265.00
No 2	20 " " Rock Excavation	6.66	132.20
No 3	2250 " " Embankment	.218	490.50
No 4	1275 " " Concrete	12.00	15300.00

Estimate on 5 cu, yds Concrete

Crushed rock	460 cu. yds	@ 2.20	\$ 10.12
Sand	230 " "	@ 1.70	3.91
Cement	6 Bbls	@ 3.00	18.00
Labor mixing		@ 1.25	6.25
Labor & Rumber forms		@ 2.50	12.50
Cartage		@ .25	1.25
Water		@ .25	1.25

\$ 53.28
60.00

90 c Bonds

No 5	5000# Reinforcing Steel, in place , per hund.	7.60	388.00
No. 6	750# Structuralsteel, in place " "	11.50	86.25
No. 7	4500 Cu yds Crushed Rock Filtering Material, Using crushed rock at site.		

Estimate on 50. cu yds.

6 men @ 4.00	\$ 24.00
2 " @ 5.00	10.00
Powder and Expense	10.00
Machinery	20.00
Fuel	10.00
Cartage	5.00
Cleaning and Water	5.00
Labor installing beds	50.00
Unexpected expense	10.00

\$ 144.00

90 c Bonds

160.00 3.20 14400.00

No. 8	0.5 M ft B.M. Lumber, Siphon Chamber Covers	43.60	21.80
No. 9	5180 lin. ft 24 inch vitrified Sewer Pipe in place		

Estimate 100 ft 24 inch pipe at

100 lin ft pipe @ 1.75	\$175.00
Drayage	5.00
Cartage	2.50
Cement	5.00
4 men laying	18.00
Water	.50

206.00

90 c Bonds

228.65 11810.40

No. 10	12 lin ft 22 inch vitrified Sewer Pipe, in place		
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Estimate 100 ft 22 inch pipe

100 ft pipe @ 1.40	\$140.00
Drayage	5.00
Cartage	2.50

No 2	20	"	"	Rock Excavation	6.66	132.20
No 3	2250	"	"	Embankment	.218	490.50
No 4	1275	"	"	Concrete	12.00	15300.00

Estimate on 5 cu, yds Concrete

Crushed rock	460	cu. yds	@	2.20	\$ 10.12
Sand	230	" "	@	1.70	3.91
Cement	6	Bbls	@	3.00	18.00
Labor mixing			@	1.25	6.25
Labor & Rumber forms			@	2.50	12.50
Cartage			@	.25	1.25
Water			@	.25	1.25

\$ 53.28

60.00

90 c Bonds

No 5	5000#	Reinforcing Steel, in place , per hund.	7.50	388.00
No. 6	750#	Structuralsteel, in place " "	11.50	86.25
No. 7	4500	Cu yds Crushed Rock Filtering Material, Using crushed rock at site.		

Estimate on 50. cu yds.

6 men @	4.00	\$ 24.00
2 " @	5.00	10.00
Powder and Expense		10.00
Machinery		20.00
Fuel		10.00
Cartage		5.00
Cleaning and Water		5.00
Labor installing beds		50.00
Unexpected expense		10.00

\$ 144.00

90 c Bonds

160.00

3.20

14400.00

No. 8	0.5	M ft B.M. Lumber, Siphon Chamber Covers	43.60	21.80
No. 9	5180	lin. ft 24 inch vitrified Sewer Pipe in place		

Estimate 100 ft 24 inch pipe at

100 lin ft pipe @	1.75	\$175.00
Drayage		5.00
Cartage		2.50
Cement		5.00
4 men laying		18.00
Water		.50

206.00

90 c Bonds

228.65

11810.40

No. 10	12	lin ft 22 inch vitrified Sewer Pipe, in place		
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Estimate 100 ft 22 inch pipe

100 ft pipe @	1.40	\$140.00
Drayage		5.00
Cartage		2.50
Cement		5.00

Laying 18.00
Water .50

\$ 171.00
189.80

\$ 22.77

90 c Bonds

No. 11 860 lin ft 20 in ch Vitrifid Sewer Pipe in place

Estimate of 100 ft 20 inch pipe

100 ft pipe @ 1.225 122.50
Drayage 5.00
Cartage 2.50
Cement 5.00
Laying 18.00
Wyes 7.00
Water .50

\$160.50
178.15

1532.09

90 c Bonds

No. 12 550 lin. ft 16 inch Vitrifid Sewer Pipe, in place

Estimate of 100 ft 16 inch pipe

100 ft. pipe @ .875 87.50
Drayage 5.00
Cartage 2.50
Cement 5.00
Laying 18.00
Wyes 8.25
Water .50

\$ 126.75
140.70

773.85

90 c Bonds

No 13 16 lin. ft 15 inch Vitrifid Sewer Pipe, in place

Estimate of 100 ft 15 inch pipe

100 ft pipe @ .7475 74.75
Drayage 5.00
Cartage 2.50
Cement 4.50
Laying 18.00
Water .50

\$ 105.25

116.82

18.69

90c Bonds

No. 14 300 lin. ft 12 inch Vitrifid Sewer Pipe, in place

Estimate of 100 ft 12 inch pipe

100 ft pipe @ .52 52.00
Drayage 3.00
Cartage 2.00
Cement 2.50
Water .25
Labor 10.00
Wyes 3.25

73.00

81.00

243.00

90 c Bonds

No 15 2050 lin. ft 8 inch Vitrifid Sewer Pipe, in place

Estimate of 100 ft 8 inch pipe

100 ft pipe @ .2925 29.25

No. 11 860 lin ft 20 in ch Vitrified Sewer Pipe in place

Estimate of 100 ft 20 inch pipe

100 ft pipe @ 1.225	122.50
Drayage	5.00
Cartage	2.50
Cement	5.00
Laying	18.00
Wyes	7.00
Water	.50
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	\$160.50
90 c Bonds	178.15

1532.09

No. 12 550 lin. ft 16 inch Vitrified Sewer Pipe, in place

Estimate of 100 ft 16 inch pipe

100 ft. pipe @ .875	87.50
Drayage	5.00
Cartage	2.50
Cement	5.00
Laying	18.00
Wyes	8.25
Water	.50
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	\$ 126.75
90 c Bonds	140.70

773.85

No 13 16 lin. ft 15 inch Vitrified Sewer Pipe, in place

Estimate of 100 ft 15 inch pipe

100 ft pipe @ .7475	74.75
Drayage	5.00
Cartage	2.50
Cement	4.50
Laying	18.00
Water	.50
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	\$ 105.25
90c Bonds	116.82

18.69

No. 14 300 lin. ft 12 inch Vitrified Sewer Pipe, in place

Estimate of 100 ft 12 inch pipe

100 ft pipe @ .52	52.00
Drayage	3.00
Cartage	2.00
Cement	2.50
Water	.25
Labor	10.00
Wyes	3.25
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	73.00
90 c Bonds	81.00

243.00

No 15 2050 lin. ft 8 inch Vitrified Sewer Pipe, in place

Estimate of 100 ft 8 inch pipe

100 ft pipe @ .2925	29.25
Drayage	2.00
Cartage	1.00
Cement	2.50
Labor	9.00
Wyes	.60
Water	.25
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	44.60

No. 16 170 lin. ft 6 inch Vitrifified Sewer Pipe, in place

Estimate 100 ft 6 inch pipe

100 ft pipe	@ .18	18.00
Drayage		1.00
Caratage		.75
Cement		2.50
Laying		8.00
		<u>30.25</u>
90 C Bonda		33.58

57.08

No. 17 120 lin. ft 4 inch Vitrifified Sewer Pipe, in place

Estimate 100 ft 4 inch pipe

100 ft pipe	@ .12	12.00
Drayage		.75
Caratage		
Cement		1.00
Laying		5.00
Elbows		2.00
		<u>20.75</u>
90 c Bonds		23.03

27.63

No. 18 200 lin ft 24 inch Split Vitrifified Sewer Pipe, in place

Estimate 100 ft 24 inch pipe

100 ft pipe	@ 1.05	105.00
Drayage		5.00
Caratage		2.50
Laying		18.00
Wyes and Water		72.00
		<u>202.50</u>
90 c Bonds		225.00

450.00

No. 19 220 lin ft 20 inch Split Vitrifified Sewer Pipe , in place

Estimate 100 ft 20 inch pipe

100 ft pipe	@ .875	87.50
Drayage		4.50
Caratage		2.50
Laying		18.00
Wyes and Water		25.50
		<u>138.00</u>
90 c Bonds		153.20

337.04

No. 20 2400 lin ft 12 inch Split Vitrifified Sewer Pipe, in place

Estaiante 100 ft 12 inch pipe

100 ft pipe	@ .3125	31.25
Drayage		1.50
Cartage		1.50
Labor & Laying		10.00
Wyes and Water		3.00
		<u>47.25</u>
90 c Bonds		52.45

1258.80