

DACW66-02-B-0003 Gravity Flow Culvert Replacement No. 2, New Madrid, MO			
Quantities Last Updated: (Amendments-none)			1/15/02 9:12 AM
Item	Quantity Calculations Description For Lump Sum Items	Estimated Quantity	U/M
1	Mobilization & Demobilization	1	LS
2	Environmental Protection	1	LS
3	Dewatering	1	LS
3a	14" diameter deep wells	6	EA.
3b	Temporary Sheet Piling Wall	1	LS
3ba	Steel Sheet Piling	10,785	S.F.
3bb	Struts & Walers	11,200	LB.
4	Demolition	1	LS
4a	Gate & Lift Assembly	1	EA.
4b	Concrete Outlet Structure	1	EA.
5	Clearing & Grubbing	1	LS
5a	Clearing	1.2	AC
6	Excavation	2,670	C.Y.
7	Pervious Backfill	74	C.Y.
8	Impervious Backfill	660	C.Y.
9	Compacted Fill	590	C.Y.
10	Wall Drain	1	LS
10a	4" Perforated Drain Pipe	22	LF
10b	4" NonPerforated Drain Pipe	14	LF
10c	Filter Fabric	410	S.F.
10d	Gravel Filter	8	C.Y.
10e	4" Flap Gate w/ Screen	2	EA.
11	Aggregate Surfacing	1	LS
11a	Aggregate Surfacing	20	C.Y.
12	Riprap "R90"	700	TON
13	Turfing	1	LS
13a	Turfing	0.3	AC
14	Reinforced Concrete Culvert Pipe, 30" Diameter	1	LS
14a	Reinforced Concrete Culvert Pipe, 30" Diameter	193	LF
15	Geotextile (Filter Fabric)	1	LS
15a	Geotextile (Filter Fabric)	5,400	S.F.
16	Concrete Cradle	1	LS
16a	Concrete	14	C.Y.
16b	Forming	280	S.F.
17	Cast-in-Place Concrete	1	LS
17a	Pier 1	1	LS
17aa	Concrete	3	C.Y.
17ab	Reinforcing	276	LB.
17ac	Formwork	83	S.F.
17b	Abutment	1	LS
17ba	Concrete	3	C.Y.
17bb	Reinforcing	259	LB.
17bc	Formwork	86	S.F.
17c	Outlet Structure	1	LS
17ca	Concrete	62	C.Y.
17cb	Reinforcing	7,010	LB.
17cc	Formwork	1,025	S.F.

18	Sluice Gate & Gate Lift Assembly	1	LS
19	Steel Sheet Piling Type PS-27.5	1	LS
19a	Steel Sheet Piling Type PS-27.5	108	S.F.
20	Pressure Grouting	1	LS
20a	Pressure Grouting	13	C.Y.
21	Structural Steel and Miscellaneous Metals	1	LS
21a	Pier 1	510	LB.
21b	Bridge	2,890	LB.
21c	Security Gate	495	LB.
21d	Grating	1,360	LB.
21e	Railing	1,175	LB.

It is to be expressly understood that the accuracy of these estimates is in no way warranted and that the furnishing of this information to a bidder will not relieve him of his responsibility to estimate the quantities involved. It is further to be expressly understood that in no case will such estimate be used as a basis of claim against the Government.