

DOT Project Cost Estimates

---an easier approach

Oman Systems, Inc.

- Formerly large heavy/highway construction company
- Started developing software in 1992
- More DOT bid tabs than anyone
- Not focusing on Oman Systems today
- Focus on ways to help design engineers



P S & E for jobs

- Plan sheets
- Specifications
- Bid Package (estimate of costs)

Creating a Bid Package

- Get raw data from surveyors
- Determine what items to include
- Quantities to include
- Accurate pricing for each pay item

DOT Requirements

- AASHTO software
- Custom DOT software
- Spreadsheet or other formats



Source of historical bid tab prices

- Annual books (Hard Copy) from DOT
- Spread sheets from DOT
- Tables of data on Internet from DOT & other entities (pdf)
- Bid tab database programs from third parties

Database programs

- Several companies provide these database programs
- All somewhat similar:
 - ◆ Open database of pay items
 - ◆ Select the pay items needed
 - ◆ Load prices for the pay items
 - ◆ Export the project

Benefits of programs

- Can easily load prices based on historical bid tabs
- Estimate based on latest data
- No copy & paste from excel
- No using PDFs (enter by hand)
- Can use refined prices (region, quantity, etc)
- Quickly determine big ticket items

Some allow importing a spreadsheet

- Once spreadsheet is imported into the program then load prices for pay items

Data from spreadsheet

<u>PAY ITEM</u>	<u>PI_DESC</u>	<u>QUANTITY</u>	<u>UNIT</u>
201-A001	CLEARING AND GRUBBING	1	L.S.
201-B001	CLEARING AND GRUBBING	1	ACRE
202-A001	REMOVAL OF OBSTRUCTIONS	1	L.S.
202-B042	REMOVAL OF FLARED END SECTION, ALL SIZES	1	EACH
202-B076	REMOVAL OF TRAFFIC STRIPE	400	L.F.
202-B078	REMOVAL OF PAVEMENT, ALL TYPES AND DEPTHS	5517	S.Y.
202-B102	REMOVAL OF GUARD RAIL	200	L.F.
203-A003	UNCLASSIFIED EXCAVATION, FM, AH	6550	C.Y.
203-EX013	BORROW EXCAVATION, AH, FME, CLASS B7	57777	C.Y.
203-G004	EXCESS EXCAVATION, LVM, AH	10139	C.Y.
206-A001	STRUCTURE EXCAVATION	53	C.Y.
209-A004	GEOTEXTILE STABILIZATION, TYPE V, NON-WOVEN TOPSOIL FOR SLOPE TREATMENT, FROM RIGHT-OF- WA	6390	S.Y.
211-A001		40147	S.Y.
212-A001	LIGHT GROUND PREPARATION	20074	S.Y.
212-B001	STANDARD GROUND PREPARATION	40147	S.Y.
213-B001	COMBINATION FERTILIZER, 13-13-13	5	TON
213-C001	SUPERPHOSPHATE	4	TON
214-A001	SEEDING, BAHIA GRASS	207	LBS
214-A002	SEEDING, BERMUDA GRASS	166	LBS
214-A003	SEEDING, TALL FESCUE	62	LBS
214-A004	SEEDING, CRIMSON CLOVER	83	LBS
214-A014	SEEDING, BROWNTOP MILLET	83	LBS
214-A015	SEEDING, OATS	373	LBS
214-A017	SEEDING, RYE GRASS	104	LBS
215-A001	VEGETATIVE MATERIALS FOR MULCH	21	TON

New Project Window

New Project

Project Name

Project Location

Project Number

Play Item Database: Mississippi

Play Item Sort: Sort Code

Bid Date: 09/30/2009

Units of Measure

English

Metric

Save Cancel

Add Pay Items



The current project does not have any pay items.

Select Method to Add Pay Items:

- Import from State DOT Disk
- Import from OSI Letting Disk
- Batch Load Pay Items
- Load from Spreadsheet
- Load from Tabs Database

Go

Import from a Spreadsheet File



File Name: C:\Documents and Settings\John\Desktop\Bid-40



Column Layout

- | | | |
|---|----|--------|
| <input checked="" type="checkbox"/> Pay Item | 1 | ▲
▼ |
| <input checked="" type="checkbox"/> Description | 5 | ▲
▼ |
| <input checked="" type="checkbox"/> Quantity | 2 | ▲
▼ |
| <input checked="" type="checkbox"/> Unit | 3 | ▲
▼ |
| <input type="checkbox"/> Sort Code | 1 | ▲
▼ |
| <input type="checkbox"/> Unit Price | 14 | ▲
▼ |

File Type: Excel

Start on Row: 8

Import

Cancel

	PAY ITEM	Description	Quantity	Unit	Bid Price	Alternate #1	Alternate #2	Alternate #3	*CATEGORY*	Sort Code	Alternate	Bid Exter
1	105-01	CONSTRUCTION STAKES, LINES AND	1.00	L.S.	0.00	0.00	0.00	0.00	1	10		
2	201-01	CLEARING & GRUBBING	1.00	L.S.	0.00	0.00	0.00	0.00	1	20		
3	202-13	WATER WELL ABANDONMENT	1.00	EACH	0.00	0.00	0.00	0.00	1	30		
4	203-01	ROAD & DRAINAGE EXCAVATION (UNCL	1,319,698.00	M3	0.00	0.00	0.00	0.00	1	40		
5	203-03	BORROW EXCAVATION (UNCLASS)	118,885.00	M3	0.00	0.00	0.00	0.00	1	50		
6	203-04	PLACING AND SPREADING TOPSOIL	45,228.00	M3	0.00	0.00	0.00	0.00	1	60		
7	203-06	WATER	20,697.00	M3-L	0.00	0.00	0.00	0.00	1	1480		
8	203-10.18	GRADED SOLID ROCK (IN-PLACE)	22,713.00	TONN	0.00	0.00	0.00	0.00	1	70		
9	204-07	BEDDING MATERIAL (PIPE) CLASS B	1,160.00	M3	0.00	0.00	0.00	0.00	1	80		
10	204-08	FOUNDATION FILL MATERIAL	261.00	M3	0.00	0.00	0.00	0.00	1	90		
11	209-02.03	8" TEMPORARY SLOPE DRAIN PIPE	147.00	M	0.00	0.00	0.00	0.00	1	100		
12	209-02.05	12" TEMPORARY SLOPE DRAIN PIPE	1,902.00	M	0.00	0.00	0.00	0.00	1	110		
13	209-05	SEDIMENT REMOVAL	5,365.00	M3	0.00	0.00	0.00	0.00	1	120		
14	209-08.02	TEMPORARY SILT FENCE (WITH BACK	6,775.00	M	0.00	0.00	0.00	0.00	1	130		
15	209-08.03	TEMPORARY SILT FENCE (WITHOUT E	13,475.00	M	0.00	0.00	0.00	0.00	1	140		
16	209-09.02	FILTER BAGS	6.00	BAG	0.00	0.00	0.00	0.00	1	150		
17	209-10.01	TEMPORARY DEWATERING STRUCTU	928.00	M3	0.00	0.00	0.00	0.00	1	160		
18	209-10.20	SEDIMENT TRAP (36X18X4')	7,656.00	EACH	0.00	0.00	0.00	0.00	1	170		
19	209-20.03	POLYETHYLENE SHEETING (4 MIL)	118.00	M2	0.00	0.00	0.00	0.00	1	180		
20	209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE	5.00	EACH	0.00	0.00	0.00	0.00	1	190		
21	209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE	12.00	EACH	0.00	0.00	0.00	0.00	1	200		
22	708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	195.00	EACH	0.00	0.00	0.00	0.00	1	580		
23	709-05.06	MACHINED RIP-RAP (CLASS A-1)	370.00	TONN	0.00	0.00	0.00	0.00	1	590		
24	709-05.08	MACHINED RIP-RAP (CLASS B)	301.00	TONN	0.00	0.00	0.00	0.00	1	600		
25	709-05.09	MACHINED RIP-RAP (CLASS C)	86.00	TONN	0.00	0.00	0.00	0.00	1	610		
26	709-05.21	DUMPED RIP-RAP	7,552.00	TONN	0.00	0.00	0.00	0.00	1	620		
27	710-02	AGGREGATE UNDERDRAIN	13,075.00	M	0.00	0.00	0.00	0.00	1	630		
28	717-01	MOBILIZATION	1.00	L.S.	0.00	0.00	0.00	0.00	1	860		
29	303-01	MINERAL AGGREGATE, TYPE A BASE,	143,280.00	TONN	0.00	0.00	0.00	0.00	2	1490		
30	303-01.01	GRANULAR BACKFILL FOR STRUCTUF	3,183.00	TONN	0.00	0.00	0.00	0.00	2	210		
31	303-10.01	MINERAL AGGREGATE (SIZE 2)	2,912.00	TONN	0.00	0.00	0.00	0.00	2	220		
32	307-01.02	ASPHALT CEMENT (BPMB-HM) GRADIN	471.00	TONN	0.00	0.00	0.00	0.00	2	230		
33	307-01.03	AGGREGATE (BPMB-HM) GRADING A-S	13,970.00	TONN	0.00	0.00	0.00	0.00	2	240		
34	307-01.08	BIT PLANT MIX BASE (HM) GR B-MOD2	14,638.00	TONN	0.00	0.00	0.00	0.00	2	250		
35	402-01	BITUMINOUS MATERIAL (PC)	185.00	TONN	0.00	0.00	0.00	0.00	2	1500		
36	402-02	AGGREGATE FOR COVER MATERIAL (F	740.00	TONN	0.00	0.00	0.00	0.00	2	1510		
37	403-01	BITUMINOUS MATERIAL (TC)	11.00	TONN	0.00	0.00	0.00	0.00	2	260		
38	411-01.01	ASPHALT CEMENT (ACS) GRADING D	772.00	TONN	0.00	0.00	0.00	0.00	2	270		
39	411-01.02	MINERAL AGGREGATE (ACS) GRADING	8,942.00	TONN	0.00	0.00	0.00	0.00	2	280		
40	411-01.07	ASPHALTIC CONC.SURFACES(HM) GR.	5,244.00	TONN	0.00	0.00	0.00	0.00	2	290		
41	415-01.02	COLD PLANING BITUMINOUS PVMT	425.00	M2	0.00	0.00	0.00	0.00	2	300		

Add Pay Items



The current project does not have any pay items.

Select Method to Add Pay Items:




- Import from State DOT Disk
- Import from OSI Letting Disk
- Batch Load Pay Items
- Load from Spreadsheet
- Load from Tabs Database

Go

Pay Item Selection							
File	Edit	Options	Help				
Pay Item	Description	Quantity	Units	Category	Alternat	Sort Code	
1	105-01	CONSTRUCTION STAKES, LINES AND	0.00	L.S.	0	0	
2	105-01.50	CONSTRUCTION LAYOUT	0.00	L.S.	0	0	
3	105-01.53	CNSTR STAKES LINES AND GRADES	0.00	L.S.	0	0	
4	105-04	RAILROAD FLAGGING	0.00	L.S.	0	0	
5	106-01	FIELD LABORATORY (TYPE A)	0.00	L.S.	0	0	
6	106-02	MATERIAL SAMPLING AND TESTING	0.00	L.S.	0	0	
7	109-10.01	TRAINEE	0.00	HOUR	0	0	
8	201-01	CLEARING & GRUBBING	0.00	L.S.	0	0	
9	201-01.02	CLEARING	0.00	ACRE	0	0	
10	201-01.03	CLEARING & GRUBBING	0.00	ACRE	0	0	
11	201-01.04	CLEARING AND GRUBBING	0.00	S.F.	0	0	
12	201-05.10	VEGETATION REMOVAL (TYPE 1)	0.00	SITE	0	0	
13	201-05.11	VEGETATION REMOVAL (TYPE 2)	0.00	SITE	0	0	
14	201-05.12	VEGETATION REMOVAL (TYPE A)	0.00	SITE	0	0	
15	201-05.13	VEGETATION REMOVAL (TYPE B)	0.00	SITE	0	0	
16	201-05.14	VEGETATION REMOVAL (TYPE C)	0.00	SITE	0	0	
17	201-05.15	VEGETATION REMOVAL (TYPE D)	0.00	SITE	0	0	
18	201-05.16	VEGETATION REMOVAL (TYPE E)	0.00	SITE	0	0	
19	201-05.17	VEGETATION REMOVAL (TYPE F)	0.00	SITE	0	0	
20	201-05.18	VEGETATION REMOVAL (TYPE G)	0.00	SITE	0	0	
21	201-05.19	VEGETATION REMOVAL (TYPE H)	0.00	SITE	0	0	
22	201-05.20	VEGETATION REMOVAL (TYPE I)	0.00	SITE	0	0	
23	201-05.21	VEGETATION REMOVAL (TYPE J)	0.00	SITE	0	0	
24	201-05.22	VEGETATION REMOVAL (TYPE K)	0.00	SITE	0	0	
25	201-05.23	VEGETATION REMOVAL (TYPE L)	0.00	SITE	0	0	
26	201-05.24	VEGETATION REMOVAL (TYPE M)	0.00	SITE	0	0	
27	201-07.01	REMOVAL OF BRUSH AND TREES	0.00	L.S.	0	0	
28	201-07.03	REMOVAL AND DISPOSAL OF BRUSH &	0.00	ACRE	0	0	
29	201-07.04	REMOVAL OF ROCK - CUTS	0.00	L.S.	0	0	
30	201-07.05	REMOVAL AND DISPOSAL OF BRUSH A	0.00	S.F.	0	0	
31	202-01	REMOVAL OF STRUCTURES AND OBS	0.00	L.S.	0	0	
32	202-01.50	REMOVAL STR AND OBSTRUCTIONS	0.00	EACH	0	0	
33	202-02	REMOVAL OF STRUCTURE COMPONENT	0.00	L.S.	0	0	

Add Quantity Needed

	Pay Item	Description	Quantity	Units	Category	Sort Code
1	00202012	REMOVAL OF BRIDGE RAILING	154.000	L.F.	13	1
2	00202024	REMOVAL OF CONCRETE MEDIAN BAF	236.000	L.F.	13	2
3	00202029	REMOVAL OF CONCRETE PAVEMENT,	41.000	S.Y.	13	3
4	00202035	REMOVAL OF CONCRETE RETAINING	5,000.000	L.F.	13	4
5	00202038	REMOVAL OF CONTINUOUSLY REINFC	600.000	S.Y.	13	5
6	213-D001	AMMONIUM NITRATE	14,228.000	TON	12	6
7	214-A004	SEEDING, CRIMSON CLOVER	19,533.000	LBS	12	8
8	214-A007	SEEDING, BERMUDAGRASS	17,332.000	ACRE	12	7
9	214-A016	SEEDING, OATS	159.000	LBS	12	9
10	666-B015	ELECTRIC CABLE, UNDERGROUND IN	2,104.000	L.F.	16	12
11	666-B019	ELECTRIC CABLE, UNDERGROUND IN	2,109.000	L.F.	16	11
12	666-B034	ELECTRIC CABLE, UNDERGROUND IN	3,578.000	L.F.	16	10
13	907-619-A1009	TEMPORARY TRAFFIC STRIPE (CONTII	2.000	MILE	9	13
14	907-619-A1009	TEMPORARY TRAFFIC STRIPE (CONTII	6,447.000	L.F.	9	14

	PAY ITEM	Description	Quantity	Unit	Bid Price	Alternate #1	Alternate #2	Alternate #3	*CATEGORY*	Sort Code	Alternate	Bid Exter
1	105-01	CONSTRUCTION STAKES, LINES AND	1.00	L.S.	0.00	0.00	0.00	0.00	1	10		
2	201-01	CLEARING & GRUBBING	1.00	L.S.	0.00	0.00	0.00	0.00	1	20		
3	202-13	WATER WELL ABANDONMENT	1.00	EACH	0.00	0.00	0.00	0.00	1	30		
4	203-01	ROAD & DRAINAGE EXCAVATION (UNCL	1,319,698.00	M3	0.00	0.00	0.00	0.00	1	40		
5	203-03	BORROW EXCAVATION (UNCLASS)	118,885.00	M3	0.00	0.00	0.00	0.00	1	50		
6	203-04	PLACING AND SPREADING TOPSOIL	45,228.00	M3	0.00	0.00	0.00	0.00	1	60		
7	203-06	WATER	20,697.00	M3-L	0.00	0.00	0.00	0.00	1	1480		
8	203-10.18	GRADED SOLID ROCK (IN-PLACE)	22,713.00	TONN	0.00	0.00	0.00	0.00	1	70		
9	204-07	BEDDING MATERIAL (PIPE) CLASS B	1,160.00	M3	0.00	0.00	0.00	0.00	1	80		
10	204-08	FOUNDATION FILL MATERIAL	261.00	M3	0.00	0.00	0.00	0.00	1	90		
11	209-02.03	8" TEMPORARY SLOPE DRAIN PIPE	147.00	M	0.00	0.00	0.00	0.00	1	100		
12	209-02.05	12" TEMPORARY SLOPE DRAIN PIPE	1,902.00	M	0.00	0.00	0.00	0.00	1	110		
13	209-05	SEDIMENT REMOVAL	5,365.00	M3	0.00	0.00	0.00	0.00	1	120		
14	209-08.02	TEMPORARY SILT FENCE (WITH BACK	6,775.00	M	0.00	0.00	0.00	0.00	1	130		
15	209-08.03	TEMPORARY SILT FENCE (WITHOUT E	13,475.00	M	0.00	0.00	0.00	0.00	1	140		
16	209-09.02	FILTER BAGS	6.00	BAG	0.00	0.00	0.00	0.00	1	150		
17	209-10.01	TEMPORARY DEWATERING STRUCTL	928.00	M3	0.00	0.00	0.00	0.00	1	160		
18	209-10.20	SEDIMENT TRAP (36X18X4')	7,656.00	EACH	0.00	0.00	0.00	0.00	1	170		
19	209-20.03	POLYETHYLENE SHEETING (4 MIL)	118.00	M2	0.00	0.00	0.00	0.00	1	180		
20	209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE	5.00	EACH	0.00	0.00	0.00	0.00	1	190		
21	209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE	12.00	EACH	0.00	0.00	0.00	0.00	1	200		
22	708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	195.00	EACH	0.00	0.00	0.00	0.00	1	580		
23	709-05.06	MACHINED RIP-RAP (CLASS A-1)	370.00	TONN	0.00	0.00	0.00	0.00	1	590		
24	709-05.08	MACHINED RIP-RAP (CLASS B)	301.00	TONN	0.00	0.00	0.00	0.00	1	600		
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27	710-02	AGGREGATE UNDERDRAIN	13,075.00	M	0.00	0.00	0.00	0.00	1	630		
28	717-01	MOBILIZATION	1.00	L.S.	0.00	0.00	0.00	0.00	1	860		
29	303-01	MINERAL AGGREGATE, TYPE A BASE,	143,280.00	TONN	0.00	0.00	0.00	0.00	2	1490		
30	303-01.01	GRANULAR BACKFILL FOR STRUCTUF	3,183.00	TONN	0.00	0.00	0.00	0.00	2	210		
31	303-10.01	MINERAL AGGREGATE (SIZE 2)	2,912.00	TONN	0.00	0.00	0.00	0.00	2	220		
32	307-01.02	ASPHALT CEMENT (BPMB-HM) GRADIN	471.00	TONN	0.00	0.00	0.00	0.00	2	230		
33	307-01.03	AGGREGATE (BPMB-HM) GRADING A-S	13,970.00	TONN	0.00	0.00	0.00	0.00	2	240		
34	307-01.08	BIT PLANT MIX BASE (HM) GR B-MOD2	14,638.00	TONN	0.00	0.00	0.00	0.00	2	250		
35	402-01	BITUMINOUS MATERIAL (PC)	185.00	TONN	0.00	0.00	0.00	0.00	2	1500		
36	402-02	AGGREGATE FOR COVER MATERIAL (F	740.00	TONN	0.00	0.00	0.00	0.00	2	1510		
37	403-01	BITUMINOUS MATERIAL (TC)	11.00	TONN	0.00	0.00	0.00	0.00	2	260		
38	411-01.01	ASPHALT CEMENT (ACS) GRADING D	772.00	TONN	0.00	0.00	0.00	0.00	2	270		
39	411-01.02	MINERAL AGGREGATE (ACS) GRADING	8,942.00	TONN	0.00	0.00	0.00	0.00	2	280		
40	411-01.07	ASPHALTIC CONC.SURFACES(HM) GR.	5,244.00	TONN	0.00	0.00	0.00	0.00	2	290		
41	415-01.02	COLD PLANING BITUMINOUS PVMT	425.00	M2	0.00	0.00	0.00	0.00	2	300		

ITEM*		Quantity	Unit	Bid Price	Alternate #1	Count	Alternate #2	Count	Alternate #3	Count	*CATEGORY*	Sort O
1	CONST	1.00	L.S.	0.00	0.00	0	0.00	0	0.00	0	0	
1	CLEAR	1.00	L.S.	0.00	0.00	0	0.00	0	0.00	0	0	
3	WATER	1.00	EACH	0.00	0.00	0	0.00	0	0.00	0	0	
1	ROAD	319,698.00	M3	0.00	0.00	0	0.00	0	0.00	0	0	
3	BORROW EXCAVATION (UNCLASS)	118,885.00	M3	0.00	0.00	0	0.00	0	0.00	0	0	
4	PLACING AND SPREADING TOPSOIL	45,228.00	M3	0.00	0.00	0	0.00	0	0.00	0	0	
6	WATER	20,697.00	M3-L	0.00	0.00	0	0.00	0	0.00	0	0	
0.18	GRADED SOLID ROCK (IN-PLACE)	22,713.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
7	BEDDING MATERIAL (PIPE) CLASS B	1,160.00	M3	0.00	0.00	0	0.00	0	0.00	0	0	
8	FOUNDATION FILL MATERIAL	261.00	M3	0.00	0.00	0	0.00	0	0.00	0	0	
2.03	8" TEMPORARY SLOPE DRAIN PIPE	147.00	M	0.00	0.00	0	0.00	0	0.00	0	0	
2.05	12" TEMPORARY SLOPE DRAIN PIPE	1,902.00	M	0.00	0.00	0	0.00	0	0.00	0	0	
5	SEDIMENT REMOVAL	5,365.00	M3	0.00	0.00	0	0.00	0	0.00	0	0	
8.02	TEMPORARY SILT FENCE (WITH BACK	6,775.00	M	0.00	0.00	0	0.00	0	0.00	0	0	
8.03	TEMPORARY SILT FENCE (WITHOUT E	13,475.00	M	0.00	0.00	0	0.00	0	0.00	0	0	
9.02	FILTER BAGS	6.00	BAG	0.00	0.00	0	0.00	0	0.00	0	0	
0.01	TEMPORARY DEWATERING STRUCTL	928.00	M3	0.00	0.00	0	0.00	0	0.00	0	0	
0.20	SEDIMENT TRAP (36X18X4')	7,656.00	EACH	0.00	0.00	0	0.00	0	0.00	0	0	
0.03	POLYETHYLENE SHEETING (4 MIL)	118.00	M2	0.00	0.00	0	0.00	0	0.00	0	0	
0.41	CATCH BASIN FILTER ASSEMBLY(TYPE	5.00	EACH	0.00	0.00	0	0.00	0	0.00	0	0	
0.42	CATCH BASIN FILTER ASSEMBLY(TYPE	12.00	EACH	0.00	0.00	0	0.00	0	0.00	0	0	
1	MINERAL AGGREGATE, TYPE A BASE,	143,280.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
1.01	GRANULAR BACKFILL FOR STRUCTUF	3,183.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
0.01	MINERAL AGGREGATE (SIZE 2)	2,912.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
1.02	ASPHALT CEMENT (BPMB-HM) GRADIN	471.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
1.03	AGGREGATE (BPMB-HM) GRADING A-S	13,970.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
1.08	BIT PLANT MIX BASE (HM) GR B-MOD2	14,638.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
1	BITUMINOUS MATERIAL (PC)	185.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
2	AGGREGATE FOR COVER MATERIAL (F	740.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
1	BITUMINOUS MATERIAL (TC)	11.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
1.01	ASPHALT CEMENT (ACS) GRADING D	772.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
1.02	MINERAL AGGREGATE (ACS) GRADING	8,942.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
1.07	ASPHALTIC CONC.SURFACES(HM) GR.	5,244.00	TONN	0.00	0.00	0	0.00	0	0.00	0	0	
1.02	COLD PLANING BITUMINOUS PVMT	425.00	M2	0.00	0.00	0	0.00	0	0.00	0	0	
1.01	CLASS A CONCRETE	936.00	M3	0.00	0.00	0	0.00	0	0.00	0	0	
1.02	STEEL BAR REINFORCEMENT (ROADV	92,633.00	KG	0.00	0.00	0	0.00	0	0.00	0	0	
2.01	CLASS A CONCRETE (BOX BRIDGES)	1,137.00	M3	0.00	0.00	0	0.00	0	0.00	0	0	
2.02	STEEL BAR REINFORCEMENT (BOX BF	71,410.00	KG	0.00	0.00	0	0.00	0	0.00	0	0	
5.01	PORTLAND CEMENT GROUT	2.50	M3	0.00	0.00	0	0.00	0	0.00	0	0	
3.02	18" CONC PIPE CULVERT (CLASS III)	971.00	M	0.00	0.00	0	0.00	0	0.00	0	0	
5.02	24" CONCRETE PIPE CULVERT (CLASS	313.00	M	0.00	0.00	0	0.00	0	0.00	0	0	

State Averages (ONE PI)
 Competitors Prices (ONE PI)
 State Averages (ALL)
 Competitors Prices (ALL)
 Non-Standard Item (ONE PI)

Load Tabs Prices



Load Prices into:

- Alternate #1 Alternate #2 Alternate #3

Select Contractor

Select Prices to Load

- All Prices Only Low Prices Low 2 Low 3

- All Prices County DOT Region:

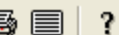
- All Dates Date Range

- All Jobs Specific Project

Project Size Range: From: To:

Pay Item Quantity Range

- Calc Std. Deviation Only Load Zero Priced Items



LINE ITEM*	Description	Quantity	Unit	Bid Price	State Averages	Alternate #2	Alternate #3	*CATEGORY*	Sort Code	Alternate	Bid Ex
1	CONSTRUCTION STAKES, LINES AND	1.00	L.S.	0.00	70,636.34	0.00	0.00	1	10		
1	CLEARING & GRUBBING	1.00	L.S.	0.00	142,849.13	0.00	0.00	1	20		
3	WATER WELL ABANDONMENT	1.00	EACH	0.00	1,870.45	0.00	0.00	1	30		
1	ROAD & DRAINAGE EXCAVATION (UNCLAS)	1,319,698.00	M3	0.00	4.44	0.00	0.00	1	40		
3	BORROW EXCAVATION (UNCLASS)	118,885.00	M3	0.00	4.17	0.00	0.00	1	50		
4	PLACING AND SPREADING TOPSOIL	45,228.00	M3	0.00	3.20	0.00	0.00	1	60		
6	WATER	20,697.00	M3-L	0.00	2.29	0.00	0.00	1	1480		
0.18	GRADED SOLID ROCK (IN-PLACE)	22,713.00	TONN	0.00	9.70	0.00	0.00	1	70		
7	BEDDING MATERIAL (PIPE) CLASS B	1,160.00	M3	0.00	31.50	0.00	0.00	1	80		
8	FOUNDATION FILL MATERIAL	261.00	M3	0.00	40.74	0.00	0.00	1	90		
2.03	8" TEMPORARY SLOPE DRAIN PIPE	147.00	M	0.00	27.29	0.00	0.00	1	100		
2.05	12" TEMPORARY SLOPE DRAIN PIPE	1,902.00	M	0.00	29.06	0.00	0.00	1	110		
5	SEDIMENT REMOVAL	5,365.00	M3	0.00	6.97	0.00	0.00	1	120		
8.02	TEMPORARY SILT FENCE (WITH BACK)	6,775.00	M	0.00	12.67	0.00	0.00	1	130		
8.03	TEMPORARY SILT FENCE (WITHOUT E)	13,475.00	M	0.00	5.49	0.00	0.00	1	140		
9.02	FILTER BAGS	6.00	BAG	0.00	599.09	0.00	0.00	1	150		
0.01	TEMPORARY DEWATERING STRUCTURE	928.00	M3	0.00	11.35	0.00	0.00	1	160		
0.20	SEDIMENT TRAP (36"X18"X4")	7,656.00	EACH	0.00	7.43	0.00	0.00	1	170		
0.03	POLYETHYLENE SHEETING (4 MIL)	118.00	M2	0.00	3.02	0.00	0.00	1	180		
0.41	CATCH BASIN FILTER ASSEMBLY(TYPE)	5.00	EACH	0.00	710.81	0.00	0.00	1	190		
0.42	CATCH BASIN FILTER ASSEMBLY(TYPE)	12.00	EACH	0.00	785.74	0.00	0.00	1	200		
2.01	MARKERS (CONCRETE R.O.W. POSTS)	195.00	EACH	0.00	103.35	0.00	0.00	1	580		
5.06	MACHINED RIP-RAP (CLASS A-1)	370.00	TONN	0.00	21.99	0.00	0.00	1	590		
5.08	MACHINED RIP-RAP (CLASS B)	301.00	TONN	0.00	26.81	0.00	0.00	1	600		
5.09	MACHINED RIP-RAP (CLASS C)	86.00	TONN	0.00	23.84	0.00	0.00	1	610		
5.21	DUMPED RIP-RAP	7,552.00	TONN	0.00	24.17	0.00	0.00	1	620		
2	AGGREGATE UNDERDRAIN	13,075.00	M	0.00	7.62	0.00	0.00	1	630		
1	MOBILIZATION	1.00	L.S.	0.00	84,685.53	0.00	0.00	1	860		
1	MINERAL AGGREGATE, TYPE A BASE,	143,280.00	TONN	0.00	12.31	0.00	0.00	2	1490		
1.01	GRANULAR BACKFILL FOR STRUCTURE	3,183.00	TONN	0.00	17.20	0.00	0.00	2	210		
0.01	MINERAL AGGREGATE (SIZE 2)	2,912.00	TONN	0.00	17.41	0.00	0.00	2	220		
1.02	ASPHALT CEMENT (BPMB-HM) GRADING	471.00	TONN	0.00	237.09	0.00	0.00	2	230		
1.03	AGGREGATE (BPMB-HM) GRADING A-S	13,970.00	TONN	0.00	25.59	0.00	0.00	2	240		
1.08	BIT PLANT MIX BASE (HM) GR B-MOD2	14,638.00	TONN	0.00	40.10	0.00	0.00	2	250		
1	BITUMINOUS MATERIAL (PC)	185.00	TONN	0.00	260.03	0.00	0.00	2	1500		
2	AGGREGATE FOR COVER MATERIAL (F)	740.00	TONN	0.00	16.91	0.00	0.00	2	1510		
1	BITUMINOUS MATERIAL (TC)	11.00	TONN	0.00	282.47	0.00	0.00	2	260		
1.01	ASPHALT CEMENT (ACS) GRADING D	772.00	TONN	0.00	255.64	0.00	0.00	2	270		
1.02	MINERAL AGGREGATE (ACS) GRADING	8,942.00	TONN	0.00	37.06	0.00	0.00	2	280		
1.07	ASPHALTIC CONC.SURFACES(HM) GR.	5,244.00	TONN	0.00	39.46	0.00	0.00	2	290		
1.02	COLD PLANING BITUMINOUS PAVT	425.00	M2	0.00	1.49	0.00	0.00	2	300		

Copy Alt#1 to Bid

Copy Alt#2 to Bid

Copy Alt#3 to Bid

Compare Prices



Zero Prices



Load Pre-Defined Categories

✓ Show Number of Records Found



Show Standard Deviation

LINE ITEM*	Description	Quantity	Unit	Bid Price	State Averages	Count	Alternate #2	Count	Alternate #3	Count	*CATEGORY*	Sort O
1	CONSTRUCTION STAKES, LINES AND	1.00	L.S.	0.00	70,636.34	241	0.00	0	0.00	0	1	
1	CLEARING & GRUBBING	1.00	L.S.	0.00	142,849.13	278	0.00	0	0.00	0	1	
3	WATER WELL ABANDONMENT	1.00	EACH	0.00	1,870.45	13	0.00	0	0.00	0	1	
1	ROAD & DRAINAGE EXCAVATION (UNCLAS	1,319,698.00	M3	0.00	4.44	272	0.00	0	0.00	0	1	
3	BORROW EXCAVATION (UNCLASS)	118,885.00	M3	0.00	4.17	5	0.00	0	0.00	0	1	
4	PLACING AND SPREADING TOPSOIL	45,228.00	M3	0.00	3.20	98	0.00	0	0.00	0	1	
6	WATER	20,697.00	M3-L	0.00	2.29	312	0.00	0	0.00	0	1	
0.18	GRADED SOLID ROCK (IN-PLACE)	22,713.00	TONN	0.00	9.70	3	0.00	0	0.00	0	1	
7	BEDDING MATERIAL (PIPE) CLASS B	1,160.00	M3	0.00	31.50	173	0.00	0	0.00	0	1	
8	FOUNDATION FILL MATERIAL	261.00	M3	0.00	40.74	96	0.00	0	0.00	0	1	
2.03	8" TEMPORARY SLOPE DRAIN PIPE	147.00	M	0.00	27.29	41	0.00	0	0.00	0	1	
2.05	12" TEMPORARY SLOPE DRAIN PIPE	1,902.00	M	0.00	29.06	61	0.00	0	0.00	0	1	
5	SEDIMENT REMOVAL	5,365.00	M3	0.00	6.97	258	0.00	0	0.00	0	1	
8.02	TEMPORARY SILT FENCE (WITH BACK	6,775.00	M	0.00	12.67	260	0.00	0	0.00	0	1	
8.03	TEMPORARY SILT FENCE (WITHOUT E	13,475.00	M	0.00	5.49	209	0.00	0	0.00	0	1	
9.02	FILTER BAGS	6.00	BAG	0.00	599.09	177	0.00	0	0.00	0	1	
0.01	TEMPORARY DEWATERING STRUCTURE	928.00	M3	0.00	11.35	21	0.00	0	0.00	0	1	
0.20	SEDIMENT TRAP (36"X18"X4')	7,656.00	EACH	0.00	7.43	26	0.00	0	0.00	0	1	
0.03	POLYETHYLENE SHEETING (4 MIL)	118.00	M2	0.00	3.02	168	0.00	0	0.00	0	1	
0.41	CATCH BASIN FILTER ASSEMBLY(TYPE	5.00	EACH	0.00	710.81	53	0.00	0	0.00	0	1	
0.42	CATCH BASIN FILTER ASSEMBLY(TYPE	12.00	EACH	0.00	785.74	69	0.00	0	0.00	0	1	
2.01	MARKERS (CONCRETE R.O.W. POSTS)	195.00	EACH	0.00	103.35	121	0.00	0	0.00	0	1	
5.06	MACHINED RIP-RAP (CLASS A-1)	370.00	TONN	0.00	21.99	215	0.00	0	0.00	0	1	
5.08	MACHINED RIP-RAP (CLASS B)	301.00	TONN	0.00	26.81	140	0.00	0	0.00	0	1	
5.09	MACHINED RIP-RAP (CLASS C)	86.00	TONN	0.00	23.84	43	0.00	0	0.00	0	1	
5.21	DUMPED RIP-RAP	7,552.00	TONN	0.00	24.17	3	0.00	0	0.00	0	1	
2	AGGREGATE UNDERDRAIN	13,075.00	M	0.00	7.62	47	0.00	0	0.00	0	1	
1	MOBILIZATION	1.00	L.S.	0.00	84,685.53	755	0.00	0	0.00	0	1	
1	MINERAL AGGREGATE, TYPE A BASE,	143,280.00	TONN	0.00	12.31	482	0.00	0	0.00	0	2	
1.01	GRANULAR BACKFILL FOR STRUCTURE	3,183.00	TONN	0.00	17.20	98	0.00	0	0.00	0	2	
0.01	MINERAL AGGREGATE (SIZE 2)	2,912.00	TONN	0.00	17.41	247	0.00	0	0.00	0	2	
1.02	ASPHALT CEMENT (BPMB-HM) GRADING	471.00	TONN	0.00	237.09	15	0.00	0	0.00	0	2	
1.03	AGGREGATE (BPMB-HM) GRADING A-S	13,970.00	TONN	0.00	25.59	15	0.00	0	0.00	0	2	
1.08	BIT PLANT MIX BASE (HM) GR B-MOD2	14,638.00	TONN	0.00	40.10	316	0.00	0	0.00	0	2	
1	BITUMINOUS MATERIAL (PC)	185.00	TONN	0.00	260.03	318	0.00	0	0.00	0	2	
2	AGGREGATE FOR COVER MATERIAL (F	740.00	TONN	0.00	16.91	266	0.00	0	0.00	0	2	
1	BITUMINOUS MATERIAL (TC)	11.00	TONN	0.00	282.47	576	0.00	0	0.00	0	2	
1.01	ASPHALT CEMENT (ACS) GRADING D	772.00	TONN	0.00	255.64	188	0.00	0	0.00	0	2	
1.02	MINERAL AGGREGATE (ACS) GRADING	8,942.00	TONN	0.00	37.06	188	0.00	0	0.00	0	2	
1.07	ASPHALTIC CONC.SURFACES(HM) GR.	5,244.00	TONN	0.00	39.46	174	0.00	0	0.00	0	2	
1.02	COLD PLANING BITUMINOUS PVMT	425.00	M2	0.00	1.49	121	0.00	0	0.00	0	2	

Option to focus one pay item at a time

- See what prices would be in certain quantity range
- Eliminate high/low prices that may cause skewing

Load Tabs Prices



Load Prices into:

- State Averages Alternate #2 Alternate #3

Select Contractor

Select Prices to Load

- All Prices Only Low Prices Low 2 Low 3

- All Prices County DOT Region:

- All Dates Date Range

- All Jobs Specific Project

Project Size Range: From: To:

Pay Item Quantity Range

From: To:

Calc Std. Deviation

Select Items

Advanced

Load

Cancel

Select Pay Items [X]

Pay Item: 203-03 BORROW EXCAVATION (UNCLASS) M3

Pos	Bid Date	Bidder	Quantity	Bid Price	County	Job Num
1	12/03/2004	charles blalock & sons, inc	118,885.000	0.05	cocke, greene	CNC414
2	12/03/2004	charles blalock & sons, inc	101,444.970	5.04	meigs	CNC357
1	12/03/2004	j & m incorporated	101,444.970	3.92	meigs	CNC357
3	12/03/2004	simpson constr. co., inc	101,444.970	7.52	meigs	CNC357
2	12/03/2004	summers-taylor, inc.	118,885.000	3.00	cocke, greene	CNC414
3	12/03/2004	wright brothers construction...	118,885.000	1.96	cocke, greene	CNC414

Number of Items Found: 6.00 Selected Pay Items: 6.00 Strt. Avg. of Selected: 3.58
Average of All Pay Items: 3.43 Median Price: 3.92 Wtd. Avg. of Selected: 3.43
 Show Excluded Items on Report Standard Deviation: 0.00

Reset All Delete Item Preview Export Graph Load Median Load Strt Avg Load Wtd Avg Cancel

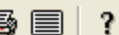
Select Pay Items

Pay Item: 203-03 BORROW EXCAVATION (UNCLASS) M3

Pos	Bid Date	Bidder	Quantity	Bid Price	County	Job Num
2	12/03/2004	charles blalock & sons, inc	101,444.970	5.04	meigs	CNC357
1	12/03/2004	j & m incorporated	101,444.970	3.92	meigs	CNC357
3	12/03/2004	simpson constr. co., inc	101,444.970	7.52	meigs	CNC357
2	12/03/2004	summers-taylor, inc.	118,885.000	3.00	cocke, greene	CNC414
3	12/03/2004	wright brothers construction...	118,885.000	1.96	cocke, greene	CNC414

Number of Items Found: 6.00 Selected Pay Items: 5.00 Strt. Avg. of Selected: 4.29
 Average of All Pay Items: 3.43 Median Price: 3.92 Wtd. Avg. of Selected: 4.17
 Show Excluded Items on Report Standard Deviation: 2.13

Reset All Delete Item Preview Export Graph Load Median Load Strt Avg Load Wtd Avg Cancel



LINE ITEM*	Description	Quantity	Unit	Bid Price	State Averages	Alternate #2	Alternate #3	*CATEGORY*	Sort Code	Alternate	Bid Ex
1	CONSTRUCTION STAKES, LINES AND	1.00	L.S.	0.00	70,636.34	0.00	0.00	0	10		
1	CLEARING & GRUBBING	1.00	L.S.	0.00	142,849.13	0.00	0.00	0	20		
3	WATER WELL ABANDONMENT	1.00	EACH	0.00	1,870.45	0.00	0.00	0	30		
1	ROAD & DRAINAGE EXCAVATION (UNCLAS)	1,319,698.00	M3	0.00	4.44	0.00	0.00	0	40		
3	BORROW EXCAVATION (UNCLASS)	118,885.00	M3	0.00	4.17	0.00	0.00	0	50		
4	PLACING AND SPREADING TOPSOIL	45,228.00	M3	0.00	3.20	0.00	0.00	0	60		
6	WATER	20,697.00	M3-L	0.00	2.29	0.00	0.00	0	1480		
0.18	GRADED SOLID ROCK (IN-PLACE)	22,713.00	TONN	0.00	9.70	0.00	0.00	0	70		
7	BEDDING MATERIAL (PIPE) CLASS B	1,160.00	M3	0.00	31.50	0.00	0.00	0	80		
8	FOUNDATION FILL MATERIAL	261.00	M3	0.00	40.74	0.00	0.00	0	90		
2.03	8" TEMPORARY SLOPE DRAIN PIPE	147.00	M	0.00	27.29	0.00	0.00	0	100		
2.05	12" TEMPORARY SLOPE DRAIN PIPE	1,902.00	M	0.00	29.06	0.00	0.00	0	110		
5	SEDIMENT REMOVAL	5,365.00	M3	0.00	6.97	0.00	0.00	0	120		
8.02	TEMPORARY SILT FENCE (WITH BACK	6,775.00	M	0.00	12.67	0.00	0.00	0	130		
8.03	TEMPORARY SILT FENCE (WITHOUT E	13,475.00	M	0.00	5.49	0.00	0.00	0	140		
9.02	FILTER BAGS	6.00	BAG	0.00	599.09	0.00	0.00	0	150		
0.01	TEMPORARY DEWATERING STRUCTU	928.00	M3	0.00	11.35	0.00	0.00	0	160		
0.20	SEDIMENT TRAP (36"X18"X4")	7,656.00	EACH	0.00	7.43	0.00	0.00	0	170		
0.03	POLYETHYLENE SHEETING (4 MIL)	118.00	M2	0.00	3.02	0.00	0.00	0	180		
0.41	CATCH BASIN FILTER ASSEMBLY(TYPE	5.00	EACH	0.00	710.81	0.00	0.00	0	190		
0.42	CATCH BASIN FILTER ASSEMBLY(TYPE	12.00	EACH	0.00	785.74	0.00	0.00	0	200		
1	MINERAL AGGREGATE, TYPE A BASE,	143,280.00	TONN	0.00	12.31	0.00	0.00	0	1490		
1.01	GRANULAR BACKFILL FOR STRUCTUR	3,183.00	TONN	0.00	17.20	0.00	0.00	0	210		
0.01	MINERAL AGGREGATE (SIZE 2)	2,912.00	TONN	0.00	17.41	0.00	0.00	0	220		
1.02	ASPHALT CEMENT (BPMB-HM) GRADIN	471.00	TONN	0.00	237.09	0.00	0.00	0	230		
1.03	AGGREGATE (BPMB-HM) GRADING A-S	13,970.00	TONN	0.00	25.59	0.00	0.00	0	240		
1.08	BIT PLANT MIX BASE (HM) GR B-MOD2	14,638.00	TONN	0.00	40.10	0.00	0.00	0	250		
1	BITUMINOUS MATERIAL (PC)	185.00	TONN	0.00	260.03	0.00	0.00	0	1500		
2	AGGREGATE FOR COVER MATERIAL (F	740.00	TONN	0.00	16.91	0.00	0.00	0	1510		
1	BITUMINOUS MATERIAL (TC)	11.00	TONN	0.00	282.47	0.00	0.00	0	260		
1.01	ASPHALT CEMENT (ACS) GRADING D	772.00	TONN	0.00	255.64	0.00	0.00	0	270		
1.02	MINERAL AGGREGATE (ACS) GRADING	8,942.00	TONN	0.00	37.06	0.00	0.00	0	280		
1.07	ASPHALTIC CONC.SURFACES(HM) GR.	5,244.00	TONN	0.00	39.46	0.00	0.00	0	290		
1.02	COLD PLANING BITUMINOUS PVT	425.00	M2	0.00	1.49	0.00	0.00	0	300		
1.01	CLASS A CONCRETE	936.00	M3	0.00	473.64	0.00	0.00	0	310		
1.02	STEEL BAR REINFORCEMENT (ROADV	92,633.00	KG	0.00	1.51	0.00	0.00	0	320		
2.01	CLASS A CONCRETE (BOX BRIDGES)	1,137.00	M3	0.00	390.26	0.00	0.00	0	1460		
2.02	STEEL BAR REINFORCEMENT (BOX BF	71,410.00	KG	0.00	1.46	0.00	0.00	0	1470		
5.01	PORTLAND CEMENT GROUT	2.50	M3	0.00	276.99	0.00	0.00	0	330		
3.02	18" CONC PIPE CULVERT (CLASS III)	971.00	M	0.00	109.19	0.00	0.00	0	340		
5.02	24" CONCRETE PIPE CULVERT (CLASS	313.00	M	0.00	142.21	0.00	0.00	0	350		



LINE ITEM*	Description	Quantity	Unit	Bid Price	State Averages	Region 4 Avg	Alternate #3	*CATEGORY*	Sort Code	Alternate	Bid Ex
1	CONSTRUCTION STAKES, LINES AND	1.00	L.S.	0.00	70,636.34	31,781.67	0.00	0	10		
1	CLEARING & GRUBBING	1.00	L.S.	0.00	142,849.13	58,573.73	0.00	0	20		
3	WATER WELL ABANDONMENT	1.00	EACH	0.00	1,870.45	1,400.00	0.00	0	30		
1	ROAD & DRAINAGE EXCAVATION (UNCLAS)	1,319,698.00	M3	0.00	4.44	9.13	0.00	0	40		
3	BORROW EXCAVATION (UNCLASS)	118,885.00	M3	0.00	4.17	7.19	0.00	0	50		
4	PLACING AND SPREADING TOPSOIL	45,228.00	M3	0.00	3.20	3.70	0.00	0	60		
6	WATER	20,697.00	M3-L	0.00	2.29	2.67	0.00	0	1480		
0.18	GRADED SOLID ROCK (IN-PLACE)	22,713.00	TONN	0.00	9.70	0.00	0.00	0	70		
7	BEDDING MATERIAL (PIPE) CLASS B	1,160.00	M3	0.00	31.50	28.34	0.00	0	80		
8	FOUNDATION FILL MATERIAL	261.00	M3	0.00	40.74	46.32	0.00	0	90		
2.03	8" TEMPORARY SLOPE DRAIN PIPE	147.00	M	0.00	27.29	21.87	0.00	0	100		
2.05	12" TEMPORARY SLOPE DRAIN PIPE	1,902.00	M	0.00	29.06	62.75	0.00	0	110		
5	SEDIMENT REMOVAL	5,365.00	M3	0.00	6.97	16.05	0.00	0	120		
8.02	TEMPORARY SILT FENCE (WITH BACK)	6,775.00	M	0.00	12.67	19.24	0.00	0	130		
8.03	TEMPORARY SILT FENCE (WITHOUT E)	13,475.00	M	0.00	5.49	13.15	0.00	0	140		
9.02	FILTER BAGS	6.00	BAG	0.00	599.09	620.39	0.00	0	150		
0.01	TEMPORARY DEWATERING STRUCTURE	928.00	M3	0.00	11.35	47.96	0.00	0	160		
0.20	SEDIMENT TRAP (36"X18"X4')	7,656.00	EACH	0.00	7.43	60.56	0.00	0	170		
0.03	POLYETHYLENE SHEETING (4 MIL)	118.00	M2	0.00	3.02	2.74	0.00	0	180		
0.41	CATCH BASIN FILTER ASSEMBLY(TYPE)	5.00	EACH	0.00	710.81	748.44	0.00	0	190		
0.42	CATCH BASIN FILTER ASSEMBLY(TYPE)	12.00	EACH	0.00	785.74	911.11	0.00	0	200		
1	MINERAL AGGREGATE, TYPE A BASE,	143,280.00	TONN	0.00	12.31	18.17	0.00	0	1490		
1.01	GRANULAR BACKFILL FOR STRUCTURE	3,183.00	TONN	0.00	17.20	18.68	0.00	0	210		
0.01	MINERAL AGGREGATE (SIZE 2)	2,912.00	TONN	0.00	17.41	26.52	0.00	0	220		
1.02	ASPHALT CEMENT (BPMB-HM) GRADING	471.00	TONN	0.00	237.09	0.00	0.00	0	230		
1.03	AGGREGATE (BPMB-HM) GRADING A-S	13,970.00	TONN	0.00	25.59	0.00	0.00	0	240		
1.08	BIT PLANT MIX BASE (HM) GR B-MOD2	14,638.00	TONN	0.00	40.10	55.47	0.00	0	250		
1	BITUMINOUS MATERIAL (PC)	185.00	TONN	0.00	260.03	250.95	0.00	0	1500		
2	AGGREGATE FOR COVER MATERIAL (F)	740.00	TONN	0.00	16.91	26.75	0.00	0	1510		
1	BITUMINOUS MATERIAL (TC)	11.00	TONN	0.00	282.47	284.64	0.00	0	260		
1.01	ASPHALT CEMENT (ACS) GRADING D	772.00	TONN	0.00	255.64	406.28	0.00	0	270		
1.02	MINERAL AGGREGATE (ACS) GRADING	8,942.00	TONN	0.00	37.06	54.43	0.00	0	280		
1.07	ASPHALTIC CONC.SURFACES(HM) GR.	5,244.00	TONN	0.00	39.46	51.37	0.00	0	290		
1.02	COLD PLANING BITUMINOUS P/VT	425.00	M2	0.00	1.49	1.16	0.00	0	300		
1.01	CLASS A CONCRETE	936.00	M3	0.00	473.64	595.05	0.00	0	310		
1.02	STEEL BAR REINFORCEMENT (ROADWAY)	92,633.00	KG	0.00	1.51	3.11	0.00	0	320		
2.01	CLASS A CONCRETE (BOX BRIDGES)	1,137.00	M3	0.00	390.26	425.32	0.00	0	1460		
2.02	STEEL BAR REINFORCEMENT (BOX BR)	71,410.00	KG	0.00	1.46	1.55	0.00	0	1470		
5.01	PORTLAND CEMENT GROUT	2.50	M3	0.00	276.99	229.98	0.00	0	330		
3.02	18" CONC PIPE CULVERT (CLASS III)	971.00	M	0.00	109.19	118.39	0.00	0	340		
5.02	24" CONCRETE PIPE CULVERT (CLASS	313.00	M	0.00	142.21	139.90	0.00	0	350		

Column Headings



Use this screen to enter custom column headings for the alternate prices columns.

Alternate #1:

Alternate #2:

Alternate #3:

Bid Price:

Clear

Save

Selection Criteria



Pay Item Search Criteria

Quantity Factors

Percent Under Quantity:



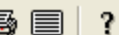
Percent Over Quantity:



Lump Sum Items

Minimum Project Size:

Maximum Project Size:



LINE ITEM*	Description	Quantity	Unit	Bid Price	State Averages	Region 4 Avg	Parameters	*CATEGORY*	Sort Code	Alternate	Bid Ext
1	CONSTRUCTION STAKES, LINES AND	1.00	L.S.	0.00	70,636.34	31,781.67	22,223.94	1	10		
1	CLEARING & GRUBBING	1.00	L.S.	0.00	142,849.13	58,573.73	41,907.32	1	20		
3	WATER WELL ABANDONMENT	1.00	EACH	0.00	1,870.45	1,400.00	2,315.00	1	30		
1	ROAD & DRAINAGE EXCAVATION (UNCLAS)	1,319,698.00	M3	0.00	4.44	9.13	2.35	1	40		
3	BORROW EXCAVATION (UNCLASS)	118,885.00	M3	0.00	4.17	7.19	5.49	1	50		
4	PLACING AND SPREADING TOPSOIL	45,228.00	M3	0.00	3.20	3.70	2.83	1	60		
6	WATER	20,697.00	M3-L	0.00	2.29	2.67	2.20	1	1480		
0.18	GRADED SOLID ROCK (IN-PLACE)	22,713.00	TONN	0.00	9.70	0.00	9.70	1	70		
7	BEDDING MATERIAL (PIPE) CLASS B	1,160.00	M3	0.00	31.50	28.34	31.37	1	80		
8	FOUNDATION FILL MATERIAL	261.00	M3	0.00	40.74	46.32	40.15	1	90		
2.03	8" TEMPORARY SLOPE DRAIN PIPE	147.00	M	0.00	27.29	21.87	25.98	1	100		
2.05	12" TEMPORARY SLOPE DRAIN PIPE	1,902.00	M	0.00	29.06	62.75	30.20	1	110		
5	SEDIMENT REMOVAL	5,365.00	M3	0.00	6.97	16.05	4.90	1	120		
8.02	TEMPORARY SILT FENCE (WITH BACK)	6,775.00	M	0.00	12.67	19.24	13.06	1	130		
8.03	TEMPORARY SILT FENCE (WITHOUT E)	13,475.00	M	0.00	5.49	13.15	4.93	1	140		
9.02	FILTER BAGS	6.00	BAG	0.00	599.09	620.39	547.64	1	150		
0.01	TEMPORARY DEWATERING STRUCTURE	928.00	M3	0.00	11.35	47.96	16.68	1	160		
0.20	SEDIMENT TRAP (36X18X4')	7,656.00	EACH	0.00	7.43	60.56	4.63	1	170		
0.03	POLYETHYLENE SHEETING (4 MIL)	118.00	M2	0.00	3.02	2.74	2.96	1	180		
0.41	CATCH BASIN FILTER ASSEMBLY(TYPE)	5.00	EACH	0.00	710.81	748.44	759.50	1	190		
0.42	CATCH BASIN FILTER ASSEMBLY(TYPE)	12.00	EACH	0.00	785.74	911.11	879.70	1	200		
2.01	MARKERS (CONCRETE R.O.W. POSTS)	195.00	EACH	0.00	103.35	90.01	104.56	1	580		
5.06	MACHINED RIP-RAP (CLASS A-1)	370.00	TONN	0.00	21.99	30.60	28.56	1	590		
5.08	MACHINED RIP-RAP (CLASS B)	301.00	TONN	0.00	26.81	30.08	28.08	1	600		
5.09	MACHINED RIP-RAP (CLASS C)	86.00	TONN	0.00	23.84	30.30	35.43	1	610		
5.21	DUMPED RIP-RAP	7,552.00	TONN	0.00	24.17	0.00	24.17	1	620		
2	AGGREGATE UNDERDRAIN	13,075.00	M	0.00	7.62	18.85	6.86	1	630		
1	MOBILIZATION	1.00	L.S.	0.00	84,685.53	73,836.65	31,240.55	1	860		
1	MINERAL AGGREGATE, TYPE A BASE,	143,280.00	TONN	0.00	12.31	18.17	11.25	2	1490		
1.01	GRANULAR BACKFILL FOR STRUCTURE	3,183.00	TONN	0.00	17.20	18.68	17.18	2	210		
0.01	MINERAL AGGREGATE (SIZE 2)	2,912.00	TONN	0.00	17.41	26.52	15.46	2	220		
1.02	ASPHALT CEMENT (BPMB-HM) GRADING	471.00	TONN	0.00	237.09	0.00	236.45	2	230		
1.03	AGGREGATE (BPMB-HM) GRADING A-S	13,970.00	TONN	0.00	25.59	0.00	25.51	2	240		
1.08	BIT PLANT MIX BASE (HM) GR B-MOD2	14,638.00	TONN	0.00	40.10	55.47	36.91	2	250		
1	BITUMINOUS MATERIAL (PC)	185.00	TONN	0.00	260.03	250.95	245.14	2	1500		
2	AGGREGATE FOR COVER MATERIAL (F)	740.00	TONN	0.00	16.91	26.75	16.42	2	1510		
1	BITUMINOUS MATERIAL (TC)	11.00	TONN	0.00	282.47	284.64	281.73	2	260		
1.01	ASPHALT CEMENT (ACS) GRADING D	772.00	TONN	0.00	255.64	406.28	224.49	2	270		
1.02	MINERAL AGGREGATE (ACS) GRADING	8,942.00	TONN	0.00	37.06	54.43	31.78	2	280		
1.07	ASPHALTIC CONC.SURFACES(HM) GR.	5,244.00	TONN	0.00	39.46	51.37	40.38	2	290		
1.02	COLD PLANING BITUMINOUS PAVT	425.00	M2	0.00	1.49	1.16	12.38	2	300		

Project Category Database

File Edit Window Help



	Category	Description
1	1	Grading/Clearing
2	2	Asphalt
3	3	Storm Water
4	4	Guardrail
5	5	Traffic Control
6	6	Utilities/Electrical
7	7	Grassing

Category Totals



Category	Bid Price	State Avera...	Region 4 Avg	Parameters
Grading/Clearing	0.00	7,776,284.44	14,666,880.34	4,918,427.20
Asphalt	0.00	3,725,400.02	4,691,642.43	3,454,732.68
Storm Water	0.00	1,759,097.97	2,074,174.79	1,672,664.33
Guardrail	0.00	264,396.69	313,179.51	278,467.91
Traffic Control	0.00	163,650.44	168,513.02	154,436.81
Utilities/Electrical	0.00	128,430.24	0.00	128,430.24
Grassing	0.00	590,240.50	835,597.11	545,042.32
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TOTAL	0.00	14,407,500.30	22,749,987.20	11,152,201.49

Print

Graph

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PRICING REPORT

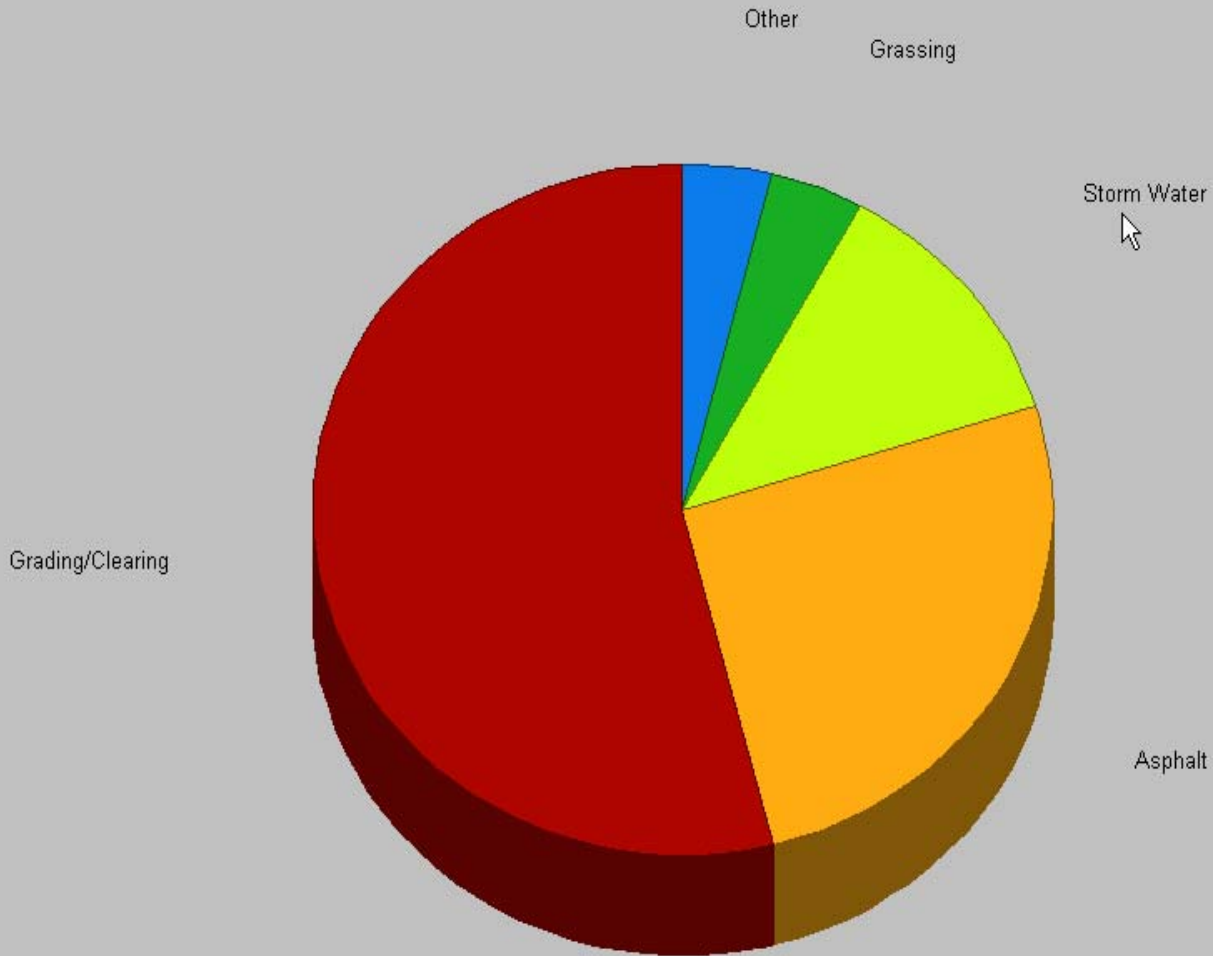
Project: **CNC414**
Location: **COCKE, GREENE**

Job Number: **CNC414**
Bid Date: **12/03/2004**

SortCd	Cat	Pay Item	Description	Quantity	Unit	state averages	Extension	region 4 avg	Extension
10	1	105-01	construction stakes, lines and grade	1.000	L.S.	66,164.36	66,164.36	27,043.43	27,043.43
20	1	201-01	clearing & grubbing	1.000	L.S.	132,717.12	132,717.12	64,604.02	64,604.02
30	1	202-13	water well abandonment	1.000	EACH	1,887.50	1,887.50	1,600.00	1,600.00
40	1	203-01	road & drainage excavation (unclass)	1,319,698.000	M3	4.25	5,608,716.50	7.16	9,449,037.68
50	1	203-03	borrow excavation (unclass)	118,885.000	M3	5.08	603,935.80	6.02	715,687.70
60	1	203-04	placing and spreading topsoil	45,228.000	M3	3.33	150,609.24	3.39	153,322.92
1480	1	203-06	water	20,697.001	M3-L	1.85	38,289.45	2.93	60,642.21
70	1	203-10.18	graded solid rock (in-place)	22,713.000	TONN	8.00	181,704.00	0.00	0.00
80	1	204-07	bedding material (pipe) class b	1,160.000	M3	30.58	35,472.80	23.92	27,747.20
90	1	204-08	foundation fill material	261.000	M3	36.91	9,633.51	46.35	12,097.35
100	1	209-02.03	8" temporary slope drain pipe	147.000	M	27.54	4,048.38	32.81	4,823.07
110	1	209-02.05	12" temporary slope drain pipe	1,902.000	M	26.73	50,840.46	55.10	104,800.20
120	1	209-05	sediment removal	5,365.000	M3	5.75	30,848.75	11.13	59,712.45
130	1	209-08.02	temporary silt fence (with backing)	6,775.000	M	12.14	82,248.50	15.30	103,657.50
140	1	209-08.03	temporary silt fence (without backing)	13,475.000	M	5.86	78,963.50	11.68	157,388.00
150	1	209-09.02	filter bags	6.000	BAG	559.36	3,356.16	530.30	3,181.80
160	1	209-10.01	temporary dewatering structure	928.000	M3	7.83	7,266.24	65.40	60,691.20
170	1	209-10.20	sediment trap (36"x18"x4')	7,656.000	EACH	5.67	43,409.52	78.33	599,694.48
180	1	209-20.03	polyethylene sheeting (4 mil)	118.000	M2	3.11	366.98	2.42	285.56
190	1	209-40.41	catch basin filter assembly(type 1)	5.000	EACH	667.08	3,335.40	575.38	2,876.90
200	1	209-40.42	catch basin filter assembly(type 2)	12.000	EACH	745.19	8,942.28	615.00	7,380.00
580	1	708-02.01	markers (concrete r.o.w. posts)	195.000	EACH	94.49	18,425.55	90.69	17,684.55
590	1	709-05.06	machined rip-rap (class a-1)	370.000	TONN	21.15	7,825.50	27.79	10,282.30
600	1	709-05.08	machined rip-rap (class b)	301.000	TONN	25.46	7,663.46	29.89	8,996.89
610	1	709-05.09	machined rip-rap (class c)	86.000	TONN	21.91	1,884.26	31.38	2,698.68
620	1	709-05.21	dumped rip-rap	7,552.000	TONN	20.00	151,040.00	0.00	0.00
630	1	710-02	aggregate underdrain	13,075.000	M	7.46	97,539.50	15.38	201,093.50
860	1	717-01	mobilization	1.000	L.S.	66,949.03	66,949.03	51,940.25	51,940.25
GRADING/CLEARING SUBTOTALS							7,494,083.75		11,908,969.84
							53.4%		60.8%
1490	2	303-01	mineral aggregate, type a base, gra	143,280.000	TONN	12.31	1,763,776.80	17.36	2,487,340.80
210	2	303-01.01	granular backfill for structures	3,183.000	TONN	17.70	56,339.10	20.35	64,774.05
220	2	303-10.01	mineral aggregate (size 2)	2,912.000	TONN	16.39	47,727.68	24.05	70,033.60



Categories for CNC414



Prices

- Bid Prices
- State Average
- Region 4 Average
- Parameters

Show

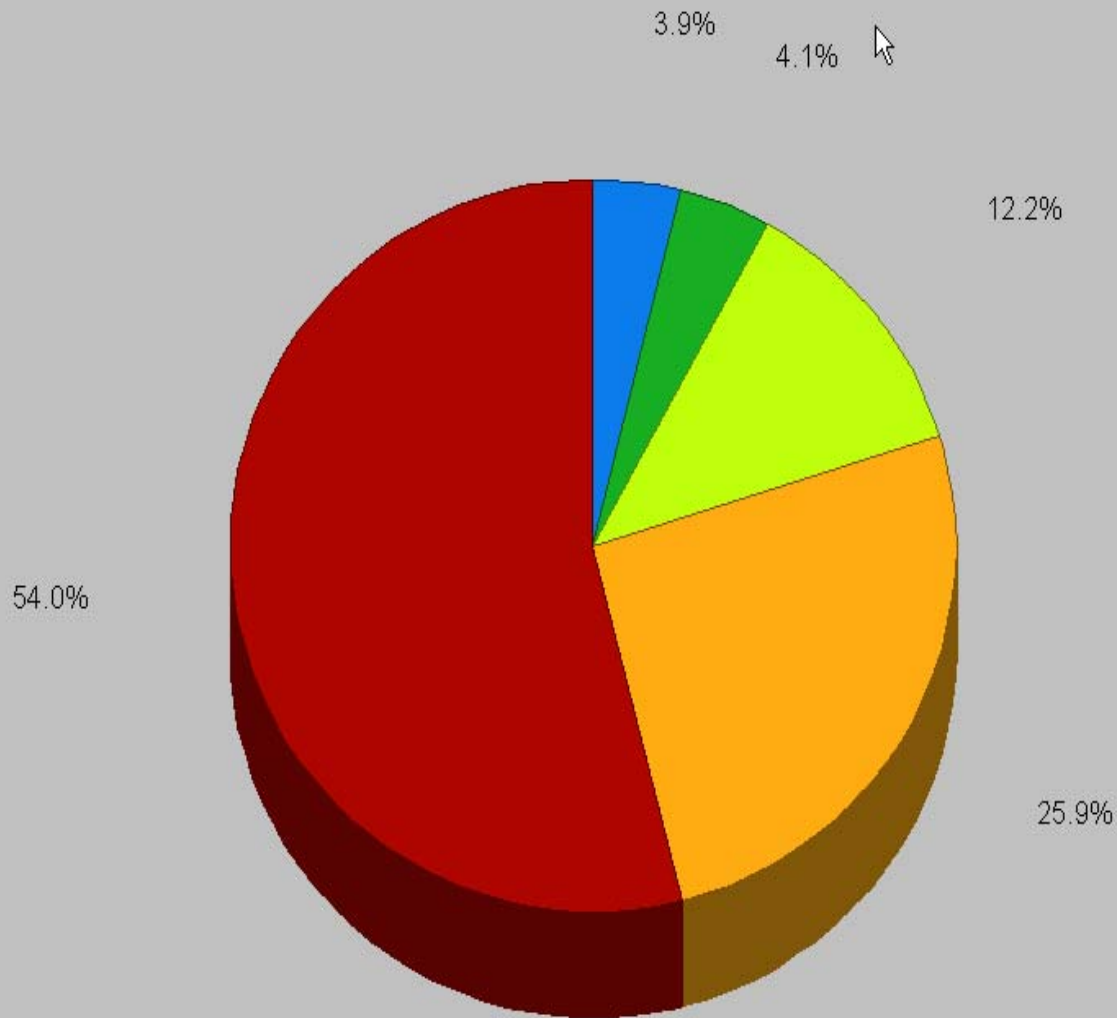
- Description
- Dollars
- Percent

Print

Close



Categories for CNC414



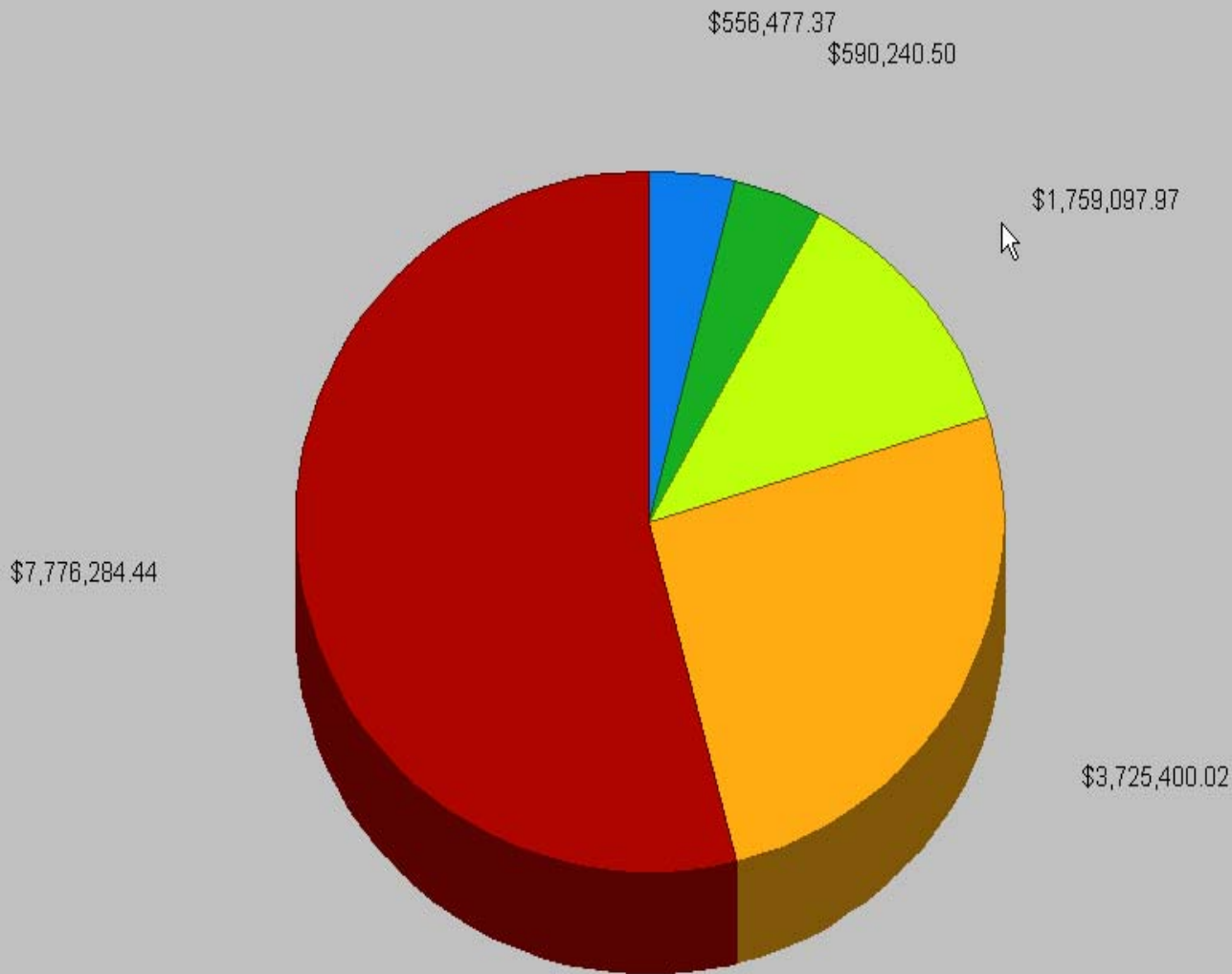
- Prices
- Bid Prices
 - State Average
 - Region 4 Average
 - Parameters

- Show
- Description
 - Dollars
 - Percent

Print

Close

Categories for CNC414



- Prices
- Bid Prices
 - State Average
 - Region 4 Average
 - Parameters

- Show
- Description
 - Dollars
 - Percent

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Plus Exception Report



Compare These Prices

Bid Prices Alternate #1 Alternate #2 Alternate #3

To These Prices

Bid Prices Alternate #1 Alternate #2 Alternate #3

List Items with % Variance Over:

List items with \$ Variance over:

Print

Preview

Cancel

EXCEPTION REPORT

Date: 09/07/2005
Time: 04:44:22

Project: **CNC414**
Location: **COCKE, GREENE**

Project No.: **CNC414**
Bid Date: **12/03/2004**

Listing of all pay items with a price variance of more than 10.00 percent!
Comparing: ALTERNATE #1 prices with ALTERNATE #2

Pay Item	Description	Quantity	Unit	Alternate #1	Alternate #2	\$ Variance	% Variance
105-01	construction stakes, lines and grad	1.000	L.S.	66,164.36	27,043.43	39,120.93	59.127
201-01	clearing & grubbing	1.000	L.S.	132,717.12	64,604.02	68,113.10	51.322
202-13	water well abandonment	1.000	EACH	1,887.50	1,600.00	287.50	15.232
203-01	road & drainage excavation (unclass	1,319,698.000	M3	4.25	7.16	-3,840,321.18	-68.471
203-03	borrow excavation (unclass)	118,885.000	M3	5.08	6.02	-111,751.90	-18.504
203-06	water	20,697.001	M3-L	1.85	2.93	-22,352.76	-58.378
203-10.18	graded solid rock (in-place)	22,713.000	TONN	8.00	0.00	181,704.00	100.000
204-07	bedding material (pipe) class b	1,160.000	M3	30.58	23.92	7,725.60	21.779
204-08	foundation fill material	261.000	M3	36.91	46.35	-2,463.84	-25.576
209-02.03	8" temporary slope drain pipe	147.000	M	27.54	32.81	-774.69	-19.136
209-02.05	12" temporary slope drain pipe	1,902.000	M	26.73	55.10	-53,959.74	-106.135
209-05	sediment removal	5,365.000	M3	5.75	11.13	-28,863.70	-93.565
209-08.02	temporary silt fence (with backing)	6,775.000	M	12.14	15.30	-21,409.00	-26.030
209-08.03	temporary silt fence (without backi	13,475.000	M	5.86	11.68	-78,424.50	-99.317
209-10.01	temporary dewatering structure	928.000	M3	7.83	65.40	-53,424.96	-735.249
209-10.20	sediment trap (36"x18"x4')	7,656.000	EACH	5.67	78.33	-556,284.96	-1,281.481
209-20.03	polyethylene sheeting (4 mil)	118.000	M2	3.11	2.42	81.42	22.186
209-40.41	catch basin filter assembly(type 1)	5.000	EACH	667.08	575.38	458.50	13.746
209-40.42	catch basin filter assembly(type 2)	12.000	EACH	745.19	615.00	1,562.28	17.471
709-05.06	machined rip-rap (class a-1)	370.000	TONN	21.15	27.79	-2,456.80	-31.395
709-05.08	machined rip-rap (class b)	301.000	TONN	25.46	29.89	-1,333.43	-17.400
709-05.09	machined rip-rap (class c)	86.000	TONN	21.91	31.38	-814.42	-43.222
709-05.21	dumped rip-rap	7,552.000	TONN	20.00	0.00	151,040.00	100.000
710-02	aggregate underdrain	13,075.000	M	7.46	15.38	-103,554.00	-106.166
717-01	mobilization	1.000	L.S.	66,949.03	51,940.25	15,008.78	22.418
303-01	mineral aggregate, type a base, gra	143,280.000	TONN	12.31	17.36	-723,564.00	-41.024
303-01-01	granular backfill for structures	3,183.000	TONN	17.70	20.35	8,434.95	14.972

Conclusion

- Analyze costs better
- Pricing a project is easier
- Identify large items
- Increases confidence in prices — much backup for pricing
- Speeds up time for cost estimate
- Can export to AASHTO software





**TRUCKS
OVER
10,000 GVWR**



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