

WSDOT's Unit Bid Analysis and Oman Systems BidTabs Pro

An explanation of how to use each system to analyze bid item costs





# Unit Bid Analysis (U.B.A.)

he Unit Bid Analysis is an internet based Query tool. This tool enables the user to search through the Unit Bid History for all contracts let by WSDOT from 2000 to current.

The Data collected by this system will return Bid Item data for the 3 lowest bidders by Standard Item number.

<b>T</b> I I		Unit Bid Analysis		
user to que	o use dashboard allows the ery for Standard Bid Items		Standard Ite	em Inquiry
by Region,	Date Range, and Section.	Please select	report parameters	s from the options listed below
To Begin a	query ———	Select a Measurement Syst	em for Inquiry	Select a Region for Inquiry
		English 💌		Northwest
		Specify a Date Range fo	r Inquiry, or leave ending with t	blank to inquire for a 1 year time period oday's date.
		Enter date to Begin	Report	Enter date to End Report
Select a Region for Inquiry		Feb 🔻 21 💌	2007 💌	Feb 💌 21 💌 2008 💌
State Wide 💌	1. Select your reg <mark>ion or</mark>	Specify a Section of t	he Standard Item 1	Table,Or 4 Digit Standard Item Number
Northwest	area of interest.	Select a Section of the Stan	dard Item Table	Specify a Standard Item Number
North Central		All Selections		
Southwest	2. Enter a date r <mark>ange</mark> for			
South Central Eastern	the item.	Standard Item R	eport	Table standard Item Report
Olympic	The default range is the			· · · · · · · · · · · · · · · · · · ·
Olympia SVC Center	last 12 months, but some	Non-Standard Item	Report	Table Non-Standard Report
All Regions West	items that are used less			
Marine	frequently will require a broc	ader date ranae	in order t	o retrieve

enough data to analyze.

3. Enter a Standard Bid Item number for inquiry

Specify a Standard I	tem Number
5767	



State Wide

4. Select the report type to

For Standard Bid Items, select either:

**STANDARD ITEM REPORT**— Returns a report for viewing or printing, and includes the overall averages by Region and Statewide for the bid Item.

**TABLE STANDARD ITEM REPORT**— Returns a report in EXCEL format, and includes the overall averages by Region and Statewide for the bid Item, as well as the totals those averages were based on.

			Total reco	ords found	1: 26			New Search	
Standard Item	Unit of	and the second se	Job	Contract	1-1-1	Planned	and the second second	1	Contraction of the
Number	Measure	Item Description	Number	Number	AD Date	Quantity	Low Bid	Second Bid	Third Bid
5767	TON	HMA CL. 1/2 N. PG 64-22	07A013	007314	3/12/2007	151.00	\$130.00	\$127.00	\$130.00
5767	TON	HNA CL. 1/2 N. PG 64-22	07A006	007315	3/19/2007	9,360.00	\$65.00	\$64.00	\$80.00
5767	TON	HIMA CL. 1/2 N. PG 64-22	074003	007320	3/26/2007	3,850.00	\$70.00	\$70.00	\$75.00
5767	TON	HMA CL 1/2 N. PG 58-22	074.008	007328	4/2/2007	920.00	\$73.00	\$96.50	\$79.00
5767	TON	HMA CL. 1/2 N. PG 64-22	07A004	007337	4/9/2007	2,670.00	\$74.96	\$85.45	\$92.00
5767	TON	HMA CL. 1/2 N. PG 64-22	07A014	007339	4/9/2007	44.00	\$225.00	\$250.00	\$0.00
5767	TON	HMA CL 1/2 N. PG 64-22	07A017	007342	4/9/2007	3,280.00	\$70.00	\$70.00	\$75.00
5767	TON	HMA CL 1/2 N. PG 64-22	07A804	007353	4/23/2007	2,840.00	\$85.00	\$0.00	\$0.00
5767	TON	HMA CL 1/2 N. PG 64-22	074020	007354	4/30/2007	1,350.00	\$75.00	\$130.00	\$0.00
5767	TON	HMA CL 1/2 N. PG 64-22	07A018	007358	5/7/2007	6,640,00	\$82.50	580.00	\$82.00
5767	TON	HIIA CL. 1/2 N. PG 64-22	07A808	007383	5/14/2007	190.00	\$330.00	\$400.00	\$250.00
5767	TON	HIIA CL 1/2 N. PG 64-22	07A808	007363	5/14/2007	190.00	\$330.00	\$400.00	\$250.00
5767	TON	HMA CL 1/2 N. PG 64-22	07A808	007363	5/14/2007	14.10	\$330.00	5400.00	\$250.00
5767	TON	HMA CL 1/2 N. PG 64-22	074805	007363	5/14/2007	14.10	\$330.00	\$400.00	\$250.00
5767	TON	HMA CL. 1/2 N. PG 58-22	07A021	007374	5/21/2007	440.00	\$101.00	5115.00	\$100.00
5767	TON	HMA CL. 1/2 N. PG 64-22	07A802	007411	9/17/2007	4,500,00	\$66.00	\$70.00	\$90.00
5767	TON	HNA CL. 1/2 N. PG 58-22	07A035	007424	10/8/2007	490.00	\$115.00	\$130.00	\$150.00
5767	TON	HIA CL 1/2 N. PG 64-22	07A027	007426	10/8/2007	360.00	\$92.00	\$128.00	\$125.00
\$767	TON	HMA CL 1/2 N. PG 64-22 FOR TEMPORAR	07A043	007431	10/15/2007	225.00	\$155.00	\$83.40	\$83.50
5767	TON	HMA CL 1/2 N. PG 84-22	07A043	007431	10/15/2007	31,420.00	\$64.00	\$82.90	\$63.00
5767	TON	HMA CL. 1/2 N. PG 84-22	07A040	007439	10/29/2007	4,450.00	\$70.00	\$75.00	\$75.00
5767	TON	HNA CL 1/2 N PG 64-22	07A033	007454	11/19/2007	70.50	\$267.00	\$338.50	\$150.00
5767	TON	HMA CL 1/2 N. PG 64-22	07A047	007460	12/10/2007	1,497.00	\$106.00	\$171.50	\$210.00
				-		_			
Standard Item	Unit of		dot	Contract	Same -	Planned			
Number	Measure	Item Description	Number	Number	AD Date	Quantity	Low Bid	Second Bid	Third Bid
5767	TON	HMA CL 1/2 N. PG 58-22	07A025	007469	12/17/2007	97,430.00	\$59.00	\$64.50	\$62.00
5767	TON	HMA, CL. 1/2:N. PG 70-22	07A056	007480	1/7/2008	18,610.00	\$64.00	\$72.00	\$98.00
5767	TON	HMA CL. 1/2 N. PG 64-22	07A055	007485	1/22/2008	2,285.00	\$120.00	\$93.75	\$0.00

Basic Standard Item Report

**NON-STANDARD ITEM REPORT**— Returns a view / print report that includes all of the Bid Items used in projects that are not associated with a Standard Item Number, for the Region and the date range entered.

**TABLE NON-STANDARD ITEM REPORT**— Returns an EXCEL report that includes all of the Bid Items used in projects that are not associated with a Standard Item Number, for the Region and the date range entered.

The Non-Standard item reports do not contain any calculated averages, only the three low bid prices for each of the listed items.

Unit of		Job	Contract					
Measure	Item Description	Number	Number	AD Date	Planned Quantity	Low Bid	Second Bid	Third Bid
L.F.	BARBLESS 3-WIRE FENCE	07A021	007374	5/21/2007	517.00	\$7.25	\$7.00	\$6.00
L.F.	BRIDGE TRANSVERSE JOINT SEAL	07A021	007374	5/21/2007	28.00	\$25.00	\$110.00	\$100.00
L.F.	CONDUIT PIPE 6 IN. DIAM.	07A021	007374	5/21/2007	1,694.00	\$12.80	\$12.00	\$12.00
EACH	REMOVE AND REPLACE FLOW RESTRICTOR	07A021	007374	5/21/2007	2.00	\$960.00	\$1,000.00	\$1,900.00
EST.	ROADSIDE RESTORATION	07A021	007374	5/21/2007	8,000.00	\$0.00	\$0.00	\$0.00
ACRE	SELECTIVE CLEARING, GRUBBING, AND PRUNING	07A021	007374	5/21/2007	0.10	\$30,000.00	\$80,000.00	\$80,000.00
EACH	UTILITY MARKER TYPE 1	07A021	007374	5/21/2007	8.00	\$11.10	\$50.00	\$15.00
EACH	UTILITY MARKER TYPE 2	07A021	007374	5/21/2007	4.00	\$22.20	\$50.00	\$15.00

#### Basic Non-Standard Item Report.

STANDARD ITEM FIELD MUST BE LEFT BLANK WHEN RUNNING A NON-STANDARD ITEM QUERY. he UBA data should be analyzed carefully. The report calculated Region cost is based on the Low Bid prices only, and includes projects of all types and sizes.

When using the UBA data, select those projects with quantities similar to that with which you are working to form a cost analysis for the Bid Item.



Looking at the UBA Data, there are three projects that are similar in quantities.

Job Number	Contract Number	AD Date	Planned Quantity	Low Bid	Second Bid	Third Bid
07A013	007314	3/12/2007	151.00	\$130.00	\$127.00	\$130.00
07A006	007315	3/19/2007	9,360.00	\$65.00	\$64.00	\$80.00
07A003	007320	3/26/2007	3,850.00	\$70.00	\$70.00	\$75.00
07A008	007328	4/2/2007	920.00	\$73.00	\$96.50	\$70.00
07A004	007337	4/9/2007	2,670.00	\$74.96	\$85.45	\$92.00
07A014	007339	4/9/2007	44.00	\$225.00	\$250.00	\$0.00
07A017	007342	4/9/2007	3,280.00	\$70.00	\$70.00	\$75.00
07A804	007353	4/23/2007	2,840.00	\$85.00	\$0.00	\$0.00
07A020	007354	4/30/2007	1,350.00	\$78.00	\$130.00	\$0.00
07A016	007358	5/7/2007	6,640.00	\$82.50	\$80.00	\$82.00
07A808	007363	5/14/2007	190.00	\$330.00	\$400.00	\$250.00
07A808	007363	5/14/2007	190.00	\$330.00	\$400.00	\$250.00
07A808	007363	5/14/2007	14.10	\$330.00	\$400.00	\$250.00
07A808	007363	5/14/2007	14.10	\$330.00	\$400.00	\$250.00
07A021	007374	5/21/2007	440.00	\$101.00	\$115.00	\$100.00
07A802	007411	9/17/2007	4,500.00	\$66.00	\$70.00	\$90.00
07A035	007424	10/8/2007	490.00	\$115.00	\$130.00	\$150.00
07A027	007426	10/8/2007	360.00	\$92.00	\$128.00	\$125.00
07A043	007431	10/15/2007	225.00	\$155.00	\$83.40	\$83.50
07A043	007431	10/15/2007	31,420.00	\$64.00	\$62.90	\$63.00
07A040	007439	10/29/2007	4,450.00	\$70.00	\$75.00	\$75.00
07A033	007454	11/19/2007	70.50	\$267.00	\$338.50	\$150.00
07A047	007460	12/10/2007	1,497.00	\$106.00	\$171.50	\$210.00

NWR AVERAGE LOW BID is \$70.29

The average bid from the seven bids submitted is \$79.00

Some types of things you will need to consider that will effect the item cost, and whether you should adjust your estimated cost up or down from the averaged bid prices are:

- ◊ Do the specs contain the Asphalt Price Adjustment provision.
- Location of project.
- ◊ Time of year.
- Bidding climate.

## Bid Tabs Pro (BTP) by Oman Systems



id Tabs Pro is a comprehensive bid history analysis tool. One of BTP's analysis tools is the Pay Item report. This feature is comparable to WSDOT's UBA. BTP allows the user to set a variety of parameters for analysis to return the most accurate bid item costs available based on historical data.

	Pay Item Report Options	To run a simple Bid Item cost
ſ	Pay Item: 5767	analysis:
	Pick	1. Type in, or select from the
	PI Group: ALL PAY ITEMS SetUp	pull—down menu a pay item.
l	PI Category: ALL PAY ITEMS	Alternately the user may re-
(	Select Prices to Include	port on a predefined Group of
	All Prices C Only Low C Low 2 C Low 3	Bid Items, i.e. ASPHALT. This will
2	All Counties C Sel County	report on all items associated
	C All Regions   Sel DOT Region  1	with the Asphalt/HMA section
ļ	All Lettings C Specified Last 12 Months	of the standard tiern table.
,	Project Size: from: 0 to: 0	
Ĩ	Quantity Range: from: 2,600.0 to: 3,300.0	
	✓ List Pay Items       ☐ Annual Trend Report         ✓ Show Job Des       ☐ Monthly Trend Report	
	Print Export Preview List Items Advanced Cancel	

#### **ADVANCED FEATURE**

\* A user may also define their own groups of bid items to report on. This is made possible by selecting "all pay items" and clicking the

report on. This is made possible by selecting "all pay items" and clicking the SET UP button, then entering a user defined group number to the bid items to be reported on.

This example would return a report with averages for these three bid items.

\* This **Group** column is specifically for user defined groups, the default value is blank. All numbers are those entered by the user, any number can be used to define any type of grouping, there are no restrictions.

*GROUP	ITEM	Щ
10	1025—DITCH EXCAVATION C.Y.	IdW .
10	2940—ROADWAY EXCAVATION C.Y.	XX
10	4005—STRUCTURE EXCAVATION CL. A C.Y.	

#### 2. Select the prices to include.

Here a user sets if they will include [Only Low], [Low+2nd], [Low + 2nd + 3rd], or [All Prices] for bidders who submitted a bid for the projects.

They will also choose the counties or regions to include in the analysis, and the time frame to run the analysis for. They may choose from a pre-defined time frame or by selecting "Specified" and entering a letting date range manually.

#### 3. Select a project size and/or bid item Quantity Range.

For a Bid Item or group of Bid Items, any combination of the criteria available may be selected for analysis and reporting.

WSDOT				P	AY ITEM R	EPORT			C	)ate: 02/25/2008 Time: 04:09:35
Pay Iter	n: 5767	HMA CL	. 1/2 IN. PG 70-2	3						
TOTALS	High: Low:	94.00 70.00	Wtd. Average: Strt. Average: Std Deviation:	82.71 83.08 8.53	Total Quan: Avg. Quan:	33,550.00 2,795.83	Count: Median:	12 85.23		
Contracto	r	ŀ	Project No.		County	Position	Bid Date	Quantity Unit	Unit Price	Extension
rimaxx con	struction	0	07298 r 9 108th street ne (lauci	(road) c	snohomish	3	03/28/2007	2,690.00 TON	94.00	252,860.00
pacific road	& bridge co.	0 s	07298 r 9 108th street ne (lauci	(road) c	snohomish	1	03/28/2007	2,690.00 TON	79.50	213,855.00
homco con	st. inc.	0 s	07298 r 9 108th street ne (lauci	(road) c	snohomish	2	03/28/2007	2,690.00 TON	86.00	231,340.00
wilder cons	truction company	0 s	07298 r 9 108th street ne (lauci	(road) c	snohomish	4	03/28/2007	2,690.00 TON	72.00	193,680.00
erv constru	ction, inc.	0 s	07298 r 9 108th street ne (lauci	(road) c	snohomish	5	03/28/2007	2,690.00 TON	93.00	250,170.00
a-1 landsca	ping and construction	0 s	07298 r 9 108th street ne (lauci	(road) c	snohomish	7	03/28/2007	2,690.00 TON	90.00	242,100.00
inker mater	ials west, lic dba	0 s	07337 r 513 ne 45th st to 40th a	ivenue ne	king	2	05/04/2007	2,670.00 TON	85.45	228,151.50
watson asp	halt paving company,	0 s	07337 r 513 ne 45th st to 40th a	ivenue ne	king	3	05/04/2007	2,670.00 TON	92.00	245,640.00
akeside ind	ustries	0 s	07337 r 513 ne 45th st to 40th a	ivenue ne	king	1	05/04/2007	2,670.00 TON	74.96	200,143.20
pacific road	& bridge co.	0 s	07342 r 542 boulder creek bridg	je replace	whatcom	1	05/09/2007	3,280.00 TON	70.00	229,600.00
strider cons	struction co., inc.	0 s	07342 r 542 boulder creek bridg	je replace	whatcom	3	05/09/2007	3,280.00 TON	75.00	246,000.00
wilder cons	truction company	0 s	07353 r 520 eastside quieter pa	vement ev	king	1	05/23/2007	2,840.00 TON	85.00	241,400.00
Report Sett Selected Include Bi	ings Payltem: 5767 idders: All Bids v/Pegion: DOT Doci	:hma cl. 1/2	in. pq 70-28			Report options selected: $\sqrt{\text{List Pav Items}}$				
Include Le Quantity F	ettings: Last 12 M Range: From 2,60	onths 0.00 to 3,300	.00 TON					√ Show	Job Descrip	tion
Omit High	/Low Price: YES							√ Show √ Show	Project # Quantities	
BidTabs Pro	fessional				Dage: 1					ENGLISH Units

### Click Preview To view the Pay Item Report

A

dditional options for Sorting and Reporting may be selected by clicking the "Advanced" button.

Under the Advance Options, the user chooses the type of calculation to perform on the bid item data.

This determines whether the bid cost data is returned in:

- Straight Averages
- Weighted Averages
- Median

Weighted average is the default selection, and is

usually the best choice for the most common reporting needs.

In the Region Options area, the user may choose to use the pre-defined WSDOT Regions or Select a USER Region that they setup previously. A USER Region may be setup if you need to cross Region boundaries, if you would like to add or omit counties from a Region or if you just have a couple of counties in the state that you

BidTabs Professional for Washin	are interested in.		
File Options Reports Units State	To setup a USER Region:		
Edit County Database Edit Contractor Database Edit Job Database Edit Units Database Edit Group Names	Select from the main <u>F</u> ile Me <b>Edit County Database.</b> This will display a mini	NU: WA County Database File Edit Window Help @ @ 4 1 1 1 1 1 1 1 2 1 2 2 2 2 2 2 2 2 2 2	
Pay Item Database	spreadsheet where you		
Non-Standard Database	may combine counties that	COUNTY* 1 ADAMS	DOT Region User <mark>R</mark> egion 6 99
Preferences Security Database	you need to report on.	2 ASOTIN 3 BENTON 4 CHELAN	5 99 5 99
Print Setup	In this example we have	5 CLALLAM	3 0
	combined; ADAMS, ASOTIN	7 COLUMBIA	5 0
LogIn as Different User	and BENTON under USER	9 DOUGLAS	4 U 2 0
	Region 99	10 FERRY 11 FRANKLIN	6 0 5 0

Pay Item Report Options	1
Pay Item: 5767 💌	1
Pick	T
PI Group: ALL PAY ITEMS V SetUp	I
C Al Pay Items	I
PI Category: ALL PAY TIEMS	I
Select Prices to Include	1
All Prices C Only Low C Low 2 C Low 3	I
All Counties     Sei County	
C All Regions   Sel DOT Region  1	Т
	I
All Lettings C Specified Last 12 Months	I
Project Size: from: 0 to: 0	I
	I
Quantity Hange: from: 2,600.0 to: 3,300.0	I
List Pay Items Annual Trend Report	I
Show Job Des Monthly Trend Report	I
	1
Print Export Preview List items Advanced Cancel	

Now your Pay Item Report Options query setup dialog box will have

O All Regions O Sel USER Region/Cty 99

the User Region option available for selection. To change back simply

use the Advanced button, and select DOT Regions.

	All Lettings C Specified Last 12 Months				
Advanced Options	Project Size: from: 0 to: 0 Quantity Range: from: 2,600.0 to: 3,300.0				
Advanced options	Kist Pay Items      Annual Trend Report     Graph     Graph     Show Job Des      Monthly Trend Report     Graph     Show Quantities				
Type of Calculation	Print Export Preview List Items Advanced Cancel				
Quantity Weighted Average	(default)				
C Straight Average (Mean)					
C Median Price (Middle Price)					
Omit high and low prices					
Region Options OUT Regions OU	SER Regions				
- Sort Options					
Sort Jobs by: Job	Number 🔽				
Sort Contractors By: Con	ntractor Name				
Sort Pay Items By: Pay	y Item 💌				
Save	Cancel				

SetUp

Pay Item Report Options	_ 🗆 🗙
Pay Item: 5767	
C All Pay Items PI Group: ALL PAY ITEMS SetUp PI Category: ALL PAY ITEMS	
Select Prices to Include	
All Prices C Only Low C Low 2 C Low 3	
All Counties C Sel County	]
C All Regions C Sel DOT Region 1	
All Lettings C Specified Last 12 Months	-
Project Size: from: 0 to:	0
Quantity Range: from: 2,600.0 to: 3,30	0.0
✓ List Pay Items      Annual Trend Report     Graph     Graph     ✓ Show P     Show Job Des      Monthly Trend Report     ✓ Show Q	roject # luantities
Print Export Preview List Items Advanced	Cancel

o further refine the analysis, the user may modify the found set of records by using the "LIST ITEMS" button.

Even with the "Omit High and Low prices" Option selected in the previously mentioned Advanced Options area, there may still be Unique projects whose costs where unusual and that should not be included in the bid cost analysis.

To remove these prices from the analysis, click to select the items that you would like to omit, then click the "Delete Item" button.

(the SHIFT or CTRL keys may be used for multiple selections)

Select Pay Items											
Pay Item	n <b>5767</b>	HMA CL. 1/2 IN. PG 70-28		TON							
Pos	Bid Date	Bidder	Quantity	Bid P	ice County	Job Number	r Job Size				
1	05/04/2007	lakeside industries	2,670.000	74	.96 king	007337	858,428.93				
3	03/14/2007	c.a. carey corp.	2,946.000	145	.00 various	007262	4,543,589.00				
1	03/06/2007	western states paving co.	2,600.000	85	.00 cowlitz	007292	953,626.45				
2	11/15/2007	s. a. gonzales construction,	3,150.000	70	.00 spokane	007413	17,294,960.35				
2	03/14/2007	pacific road & bridge co.	2,946.000	120	.00 various	007262	4,543,589.00				
1	03/28/2007	pacific road & bridge co.	2,690.000	79	.50 snohomish	007298	882,429.00				
1	05/09/2007	pacific road & bridge co.	3,280.000	70	.00 whatcom	007342	3,749,085.40				
1	03/14/2007	strider construction co., inc.	2,946.000	125	.00 various	007262	4,543,589.00				
3	05/09/2007	strider construction co., inc.	3,280.000	75	.00 whatcom	007342	3,749,085.40				
2	03/28/2007	thomeo const. inc.	2,690.000	86	.00 snohomish	007298	882,429.00				
4	03/28/2007	wilder construction company	2,690.000	72	.00 snohomish	007298	882,429.00				
2	05/09/2007	wilder construction company	3,280.000	70	.00 whatcom	007342	3,749,085.40				
1	05/23/2007	wilder construction company	2,840.000	85	.00 king	007353	2,492,000.00				
5	03/28/2007	srv construction, inc.	2,690.000	93	.00 snohomish	007298	882,429.00				
5	11/15/2007	apollo, inc.	3,150.000	83	.20 spokane	007413	17,294,960.35				
7	03/28/2007	a-1 landscaping and constr	2,690.000	90	.00 snohomish	007298	882,429.00				
6	03/28/2007	marshbank construction inc.	2,690.000	94	.00 snohomish	007298	882,429.00				
4	11/15/2007	shea graham construction	3,150.000	74	.00 spokane	007413	17,294,960.35				
3	03/06/2007	morse bros., inc.	2,600.000	79	.00 cowlitz	007292	953,626.45	<b>-</b>			
				_				_			
Number of Items Found: 27.00 Selected Pay Items: 27.00 Strt. Avg. of Selected: 85.56											
Average of All Pay Items: 85.27 Median Price 80.00 Wtd. Avg. of Selected: 85.27											
Show Excluded Items on Report Standard Deviation: 0.00											
Reset All Delete Item Preview Export Graph Cancel											

The example below illustrates how removing the bid prices associated with project #007262 effects the average cost of the bid item.



The Pay Item Report may now be printed with these revised results by clicking the "Preview" button

#### inding Non-Standard Bid Items.



BTP has the ability to find Non-Standard bid Items with the **PI SEARCH** tool.

To use this search tool, Click on the PI Search button and enter the desired

Pay Item Search Options	_ 🗆 ×
Pay Item Number: Pick	
OR Pay Item Group ALL PAY ITEMS	
Pay Item Description visibility	
PI Category: ALL PAY ITEMS	
Job Number Pick	
County or DOT Region	0 💌
Contractor	
Predefined Range: Last 24 Months	
Project Size: from: 0 to: 0	
Quantity Range: from: 800.0 to: 2,000.0	
Low Bids Only	
Search Clear Settings Cancel	

search parameters.

For example, The Standard Item #6630 "High Visibility Fence". Before it became a standard item, it was extensively used as a non-standard item under a variety of names, most of which included the word "**VISIBILITY**".

The PI Search tool may be used to find the pricing data for that item regardless of what the non-standard item was called.

1. To retrieve this data:

Type in the "Pay Item Description" area the part of the title that would most frequently be used in the description of the item.

2. Enter the other search parameters the same as you would for a Standard item search.

3. Click the "SEARCH" button.

The Search results will be displayed. These may be arrowed through to view the bid prices for all contractors in each job, or they may be exported to an Excel spreadsheet for further analysis.

Search	Results						_				
Search Results Job 23 of 39											
Job: 0	07277	County:	KITSAP		Bid Da	te: 03/14/2	2007				
Call #: 0 Metric: 🗖											
	<u>Bidder</u>			<u>Bid Total</u>							
Low Bid	der: Ace Paving (	Co., Inc.	953,119.10								
2nd Bidd	der: Stan Palmer (	Constructi	tion, Inc. 1,160,361.00								
3rd Bidder: Tucci & Sons, Inc. 1,178,670.10											
Pay Item	Pay Item Description	on	Quantity	Unit	Unit Prc	Extension	Pos	-			
007277(3)	HIGH VISIBILITY FENCE		1590.000	L.F.	2.10000	3339.00	1				
007277(3)	HIGH VISIBILITY FENCE		1590.000	L.F.	1.50000	2385.00	2				
007277(3)	HIGH VISIBILITY FENCE		1590.000	L.F.	4.00000	6360.00	3				
007277(3)	HIGH VISIBILITY FENCE		1590.000	L.F.	1.50000	2385.00	4				
007077(0)			4500.000		0.70000	4000.00	~	<u> </u>			

or bid pricing analysis features included in Bid Tabs Pro and Bid Tabs Pro Plus

beyond those that directly replace WSDOT's UBA tool, please see the Bid Tabs Pro User's Guide at:

http://www.wsdot.wa.gov/Design/ProjectDev/EngineeringApplications/BidTabs.htm

Bid Tab Pro / Plus Help contacts are:

