

Bid Item TEMPORARY SILT FENCE (WITH BACKING)

RoadBidTemplate TUTORIAL SHEET

Bid Item Data

Bid Item Quantity	1000.00	Lineal Feet
Planned Production Per Day	1200.00	Lineal Feet Per Day
Calculated Task Duration	0.83	DAYS
Work Hours Per Day	10.00	HOURS PER DAY
Total Crew Hours	8.33	CREW HOURS
Total Man-Hours	33.33	MAN-HOURS

Input DOT Bid Item title

Bid Item Data:

1. Input the Bid Item Quantity.
2. Input your anticipated crew production rate for the installation of the item of work
3. Input anticipated working hours per day
4. The shaded cell blocks are calculated.

LABOR	QUANTITY	RATE PER HOUR	AMOUNT
Foreman	1.0	\$ 18.00	\$ 150.00
Equipment Operator	1.0	\$ 18.00	\$ 150.00
Laborer	2.0	\$ 13.00	\$ 216.67
		\$ -	\$ -
Labor Contingency as a % of labor cost	5.0%		\$ 25.83

Input your installation crew classification and pay rate.

\$ 542.50 LABOR SUBTOTAL
\$ 0.54 Labor Per LnFt

MATERIALS	QUANTITY	UNIT	RATE	AMOUNT
Woven Wire & Fabric Backing	1000.00	LF	\$ 1.00	\$ 1,000.00
Steel "T" Posts, (@ 4 feet spacing)	251.00	EA	\$ 4.00	\$ 1,004.00
Wire Ties (100 ties per box/ 4 ties per post)	10.00	Boxes	\$ 3.30	\$ 33.00
Anchor Stakes (tie-backs, if required)	125.00	EA	\$ -	\$ -
			\$ -	\$ -
Input Sales Tax, %	9.25%			\$ 188.42

Be sure to read the plan sheet details and standard drawings to know materials needed to install

\$ 2,225.42 MATERIALS SUBTOTAL
\$ 2.23 Labor Per LnFt

EQUIPMENT	QUANTITY	RATE PER HOUR	AMOUNT
Mini Excavator / Backhoe	1.0	\$ 20.00	\$ 166.67
Crew Pickup Truck	1.0	\$ 15.00	\$ 125.00
Equipment Trailer	1.0	\$ 5.00	\$ 41.67
Small Hand Tools per Worker	4.0	\$ 1.00	\$ 33.33
		\$ -	\$ -

1. Input the equipment needed for installation of bid item.
2. Input number needed, the rental cost or your

\$ 366.67 EQUIPMENT SUBTOTAL
\$ 0.37 Labor Per LnFt

SUBCONTRACTORS	QUANTITY	RATE	AMOUNT
none required		\$ -	\$ -
		\$ -	\$ -

Input bids for subcontractors to you if any

\$ - SUBCONTRACTORS
\$ - Labor Per LnFt

OTHER DIRECT COSTS	QUANTITY	RATE	AMOUNT
Provide Cups, Ice & water per day	1.00	\$ 5.00	\$ 5.00
Misc Field Supplies (e.g. safety)	1.00	\$ 5.00	\$ 5.00
Hotel/Meals/Per Diem if needed		\$ -	\$ -
		\$ -	\$ -

In this section Input other cost items required to support your work activity

\$ 10.00 OTHER DIRECT COSTS
\$ 0.01 Labor Per LnFt

MARKUP	RATE
LABOR BURDEN	29.60%
JOBSITE OVERHEAD/ SUPERVISION	13.20%
HOME OFFICE OVERHEAD	11.80%
PROFIT	5.00%
BOND	0.00%

SUBTOTAL COSTS	\$ 3,144.59
LABOR BURDEN	\$ 160.58
JOBSITE OVERHEAD	\$ 436.28
HOME OFFICE OVERHEAD	\$ 441.49
PROFIT	\$ 209.15
BOND	\$ -
BID ITEM TOTAL	\$ 4,392.09
BID ITEM UNIT PRICE	\$ 4.39

Shaded cells blocks are all calculated based on your inputs. The last cell presents your minimum Unit Price Bid for the Bid Item.

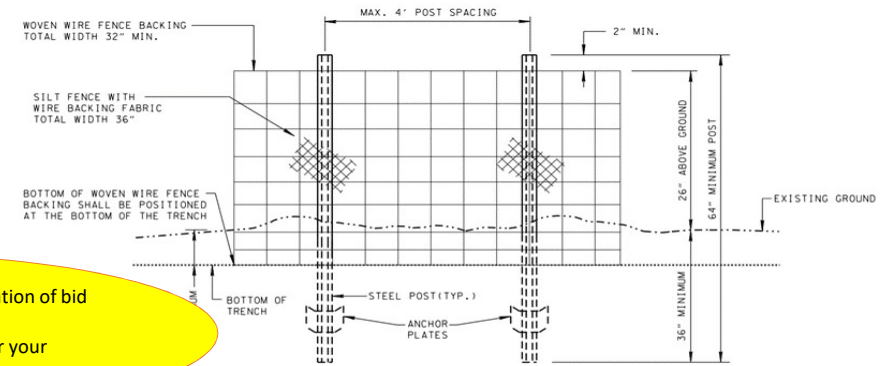
These rates are calculated from your Income Statement using the Markup Calculator

FOR ILLUSTRATION PURPOSES ONLY.

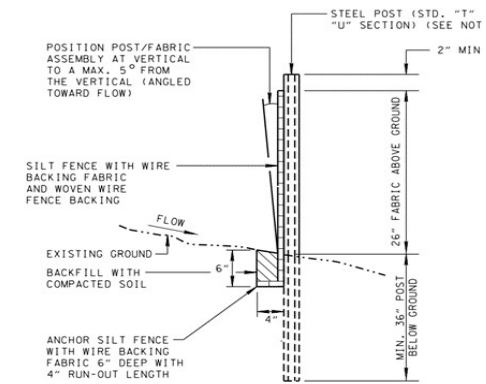
Crew Productivity: 800 to 1200 LF per day depending on terrain and existing soil conditions, rural or urban work zone.

Typical Installation Workplan:

1. Excavate trench a maximum of 18 inches wide 14 inches deep. Trench to be clear of debris.
2. Drive and set support posts and fabric per spacing specification.
3. Attach woven wire fence backing to posts and fabric to the wire backing using wire ties.
4. Install fabric in trench.
5. Backfill trench (over-fill) with soil placed around fabric.
6. Compact soil backfill with mechanical equipment.



ELEVATION VIEW



SECTIONAL VIEW