



Valley View Irrigation Association
13390 L Road, Montrose, CO 81403
970-249-6335

WATER ACTIVITY NAME: Valley View Irrigation Improvement Project

GRANT RECIPIENT: Valley View Irrigation Association

FUNDING SOURCE: WSRA Grant of \$11,817

INTRODUCTION, BACKGROUND, and OBJECTIVES

Valley View Irrigation Association serves approximately 50 acres of land owned by 36 families. Since the late 1980s, we have been putting all our ditches in pipe via an alternate point of diversion in a wastewater ditch with intermittent supply.

We now wish to return to our original point of allocation out of the Happy Canyon Creek with an appropriation date of 1892.

Due to this, we hired Mesa Surveying to locate key property points and elevations. To deliver all participating members water without the use of a pump, an elevation of 5721 feet was needed at the headgate. To get this elevation it is necessary to cross Marine Drive with a pipe, which for us is a large expense.

See attached map for details of the project.

Valley View Irrigation Association does not have any employees, therefore does not carry Workers' Compensation insurance. We do not own any automobiles; so do not carry auto insurance. We do not own any equipment, therefore do not have any tax liability.

TASKS

TASK ONE:

Obtain a County permit to cross Marine Drive.

Procedure: Valley View Irrigation Association members will apply for a permit at the Montrose County Courthouse (Road and Bridge Department). The department will inspect the application, and normally mails the permit within 5 working days.

The county charges \$200 for the permit.

TASK TWO:

Hire a construction company to bore under Marine Drive.

Procedure: We have obtained a bid from Underground Obstacles, LLC (a local boring company). They will bore approximately 80 feet under Marine Drive and install a 14" fusion weld casing (14" SDR 17 HDPE). See attached quote.

The bid is in the amount of \$9,430.

TASK THREE:

Install pipe in the county right of way.

Procedure: Valley View Irrigation Association members will install 10" pipe through the borehole/casing and connect it to existing pipe. All labor is volunteer work by Association members. We only need to purchase the pipe.

Quantity	Item	Cost
80 ft.	15" Pipe 80 PSI @ ~\$10.87/foot	\$870
80 ft.	10" pipe 80 PSI @ ~\$3.85/foot	\$308
115 ft.	8" pipe 80 PSI @ ~\$4.00/foot	\$460
1	15" 22° Elbow	\$96
1	15" T	\$166
1	15" to 10" Bell Reducer	\$100
1	10" to 8" Bell Reducer	\$35
2	10" 90° Elbow	\$152
	Total Cost	\$2,187

Prices listed for the pipe is approximate because the cost of pipe is very volatile. These prices were accurate as of May 21, 2011. When the time comes to purchase the pipe, we will take multiple bids and go with the least expensive.

REPORTING AND FINAL DELIVERABLE

Valley View Irrigation Association will provide the CWCB a progress report every three months, beginning from the date of the executed contract. The progress report will describe the completion or partial completion of the tasks identified in the statement of work, including a description of any major issues that have occurred and any corrective

actions taken to address these issues.

Final Deliverable: At the completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. The report may include photographs and engineering reports.

BUDGET

	Lab or	Materia ls	Total
Task One: Obtain County Permit	\$0	\$200	\$200
Task Two: Bore under Marine Drive	\$6,870	\$2,560	\$9,430
Task Three: Install pipe	\$0	\$2,187	\$2,187
Total Costs			\$11,817

Project Personnel: Not necessary, all work by the Valley View Irrigation Association is volunteer work.

SCHEDULE

Task	Start Date	Finish Date
Task One	Upon NTP	NTP + 7 days
Task Two	Upon NTP	NTP + 60 days
Task Three	Upon NTP	NTP + 90 days

NTP=Notice To Proceed

PAYMENT

Payment will be made based on actual expenditures and invoicing by the Valley View Irrigation Association.

UNDERGROUND OBSTACLES LLC

61336 JAY JAY RD MONTROSE, CO 81403

JOB PROPOSAL

DATE 11/19/2010

TO: Homer Heming

FROM UNDERGROUND OBSTACLES LLC
61336 JAY JAY RD
MONTROSE, CO 81403
ROD DOWNEY, MANAGER

Add. 13390 L rd
Montrose, Co 81403

Phone 970-249-6335

PHONE 970-249-2281

FAX 970-249-2265

RE: Bore for Irrigation
Marine Rd

ITEM #	DESCRIPTION	QUANT	UNIT	UNIT PRICE	TOTAL
1	Mobilization	1	ls	\$500.00	\$500.00
2	Bore appx. 80 lft for 14" casing	80	ft	\$55.00	\$4,400.00
3	80 lft of 14" SDR 17 HDPE	80	lft	\$32.00	\$2,560.00
4	Fusion Weld 14" Casing	1	ls	\$250.00	\$250.00
5	Mini Excavator dig entry and exit bore pits	8	hrs	\$95.00	\$760.00
6	Pothole utilities	1	ls	\$960.00	\$960.00
TOTAL					\$9,430.00

Exclusions:

Permits, landscaping, reseeding, storm, irrigation, ground water removal

Notes:

Underground Obstacles scope to include install casing and owner supplied carrier pipe only.

Connections by Others.

Underground Obstacles can not guarantee road surface from settlement or heaving

Quote good for 30 days

Unit pricing items to be field measured for payment.

Proposal By:

Rod Downey, Principal Manager

Underground Obstacles LLC

rod@uobstacles.com

EITH AND DONNA CATLIN

LOT 32
VALLEY VIEW SUB.

LENGTH = 57.47'
DELTA = 7°07'39"
RADIUS = 462.00'
CHORD = 57.44'

S89°52'41"W(M) S89°54'42"(R)

794.81'

S87°46'36"W

496.89'

60±

N58°45'54"W

80' ROW

MARINE DRIVE

Down Stream users

Conduit

19.98'

10"

VIIA Easement

Pipe

5699.6 FT. E.

Set Back 19.65'

Proposed Bore

Proposed
Irrigation
Pipe
Line

S57°16'12"E

75.78'

15" pipe

704' of pipe on