

APPENDIX A

TECHNICAL SPECIFICATIONS

Bid Group #1

Project Location #1

Name: Country Corner

PRCF I.D. Number: TPSS #1

Address: 1700 S. Sycamore, Sioux Falls SD

Owner: Darland Corp.

Tanks: One (1) 20,000 gallon, one (1) 17,000 gallon, and one (1) 12,000 gallon.

All are FRP composite steel tanks.

Dispensers and Islands: No (0) dispensers and six (6) dispenser islands

Number of Distribution Lines: Three (3)

Piping Material: Synthetic

Piping Gallery (length): 60 ft.

Surfacing Material over Tanks: None

Surfacing Material over Piping Gallery: Approximately 70 square yards of concrete

Contaminated Soil: Assume 504 loose (expanded) cubic yards.

Replacement Fill: Assume 822 loose cubic yards.

Project Location #2

Name: Bill's Texaco

PRCF I.D. Number: TPSS #2

Address: 101 S. Splitrock Blvd., Brandon SD 57005

Owner: Bill Wehde

Tanks: Two (2), 8,000-gallon StiP3 tanks

Dispensers and Islands: Two (2) dispensers and one (1) dispenser island.

Number of Distribution Lines: Two (2)

Piping Material: Fiberglass

Piping Gallery (length): 60 ft.

Surfacing Material over Tanks: Approximately 68 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 17 square yards of concrete

Contaminated Soil: Assume 282 loose (expanded) cubic yards.

Replacement Fill: Assume 384 loose cubic yards.

Project Location #3

Name: Convenient Liquor and Gas

PRCF I.D. Number: TPSS #2

Address: 1329 N. Main Street, Sioux Falls SD

Owner: Russell Ripley

Tanks: Two (2), 6,000-gallon StiP3 tanks

Dispensers and Islands: Two (2) dispensers and one (1) dispenser island

Number of Distribution Lines: Two (2)

Piping Material: Steel

Piping Gallery (length): 80 ft.

Surfacing Material over Tanks: Approximately 40 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 38 square yards of concrete

Contaminated Soil: Assume 155 loose (expanded) cubic yards

Replacement Fill: Assume 215 loose cubic yards

Bid Group #2

Project Location #4

Name: Elkton Farmer's Union

PRCF I.D. Number: TPSS #4

Address: 100 Elk Street, Elkton, SD 57026

Owner: Elkton Farmers Coop Oil Co.

Tanks: Three (3) 1,000-gallon steel tanks

Dispensers and Islands: Two (2) dispensers and one (1) dispenser islands

Number of Distribution Lines: Three (3)

Piping Material: Fiberglass

Piping Gallery (length): 40 feet

Surfacing Material over Tanks: Approximately 42 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 18 square yards of concrete

Contaminated Soil: Assume 104 loose (expanded) cubic yards

Replacement Fill: Assume 120 loose cubic yards

Project Location #5

Name: Bozied Texaco

PRCF I.D. Number: TPSS #5

Address: 1441 6th Street, Brookings, SD 57006

Owner: Tom Bozied

Tanks: Two (2) 8,000 gallon and one (1) 10,000 gallon lined steel tanks

Dispensers and Islands: Zero (0) dispensers and one (1) dispenser island

Number of Distribution Lines: Three (3)

Piping Material: Steel

Piping Gallery (length): 140 feet

Surfacing Material over Tanks: Approximately 125 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 17 square yards of concrete & approximately 25 square yards of asphalt

Contaminated Soil: Assume 618 loose (expanded) cubic yards

Replacement Fill: Assume 780 loose cubic yards

Project Location #6

Name: Lavin Oil Station (aka Wayne's Amoco)

PRCF I.D. Number: TPSS #6

Address: 604 3rd Street, Clear Lake, SD 57226

Owner: Stone Oil

Tanks: Two (2) 3,000-gallon and one (1) 10,000 steel tanks

Dispensers and Islands: Two (2) dispensers and two (2) dispenser island

Number of Distribution Lines: Three (3)

Piping Material: Fiberglass

Piping Gallery (length): 75 feet.

Surfacing Material over Tanks: Approximately 11 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 20 square yards of concrete

Contaminated Soil: Assume 195 loose (expanded) cubic yards

Replacement Fill: Assume 300 loose cubic yards

Project Location #7

Name: Stone's Truck Stop

PRCF I.D. Number: TPSS #7

Address: 3800 9th Avenue SE, Watertown, SD 57201

Owner: Stone Oil

Tanks: Two (2) 10,000-gallon and three (3) 12,000 steel tanks

Dispensers and Islands: Zero (0) dispensers and Zero (0) dispenser island

Number of Distribution Lines: Four (4)

Piping Material: Fiberglass and Steel

Piping Gallery (length): 425 feet

Surfacing Material over Tanks: Approximately 267 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 202 square yards of concrete

Contaminated Soil: Assume 1,690 loose (expanded) cubic yards

Replacement Fill: Assume 2,078 loose cubic yards

Note to Bidder: This site is an active truck stop, which will remain in operation during the line testing and tank system removal. The contractor must coordinate with the station owner to minimize disruption to traffic flow and downtime.

Additionally, the metal piping to be tested from the diesel tanks are disconnected and capped at the locations of the former diesel dispenser islands. The contractor will be required locate and expose the capped ends of the pipes prior to testing.

Due to the proximity of the diesel piping to the active diesel islands and electrical conduits near the northwest corner of the building, extra precaution will be necessary in that area during the tank system removal.

Project Location #8

Name: Sioux Valley Coop/Ampride

PRCF I.D. Number: TPSS #8

Address: 1 1st Avenue NE, Watertown, SD 57201

Owner: Sioux Valley Coop

Tanks: Two (2) 10,000-gallon and four (4) 4,000 steel tanks

Dispensers and Islands: Seven (7) dispensers and seven (7) dispenser island

Number of Distribution Lines: Six (6)

Piping Material: Steel

Piping Gallery (length): 185 feet

Surfacing Material over Tanks: Approximately 170 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 70 square yards of concrete

Contaminated Soil: Assume 693 loose (expanded) cubic yards

Replacement Fill: Assume 927 loose cubic yards

Project Location #9

Name: Madison Coastal Mart

PRCF I.D. Number: TPSS #9

Address: 202 N.W. 2nd Street, Madison, SD 57042

Owner: Ken Wede (Trust)

Tanks: Three (3) 4,000 gallon lined steel tanks

Dispensers and Islands: Two (2) dispensers and two (2) dispenser islands

Number of Distribution Lines: Three (3)

Piping Material: Fiberglass

Piping Gallery (length): 120 feet

Surfacing Material over Tanks: Approximately 5 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 33 square yards of concrete

Contaminated Soil: Assume 302 loose (expanded) cubic yards

Replacement Fill: Assume 380 loose cubic yards

Bid Group #3

Project Location #10

Name: Northview Bait & Tackle

PRCF I.D. Number: TPSS #10

Address: 5402 W. 60th Street N, Sioux Falls, SD 57101

Owner: S.D. Department of Transportation

Tanks: One (1) 6,000-gallon and one (1) 10,000-gallon fiberglass tanks

Dispensers and Islands: Zero (0) dispensers and two (2) dispenser island

Number of Distribution Lines: Two (2)

Piping Material: Flexible Synthetic

Piping Gallery (length): 40 feet

Surfacing Material over Tanks: Approximately 80 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 9 square yards of concrete

Contaminated Soil: Assume 330 loose (expanded) cubic yards

Replacement Fill: Assume 435 loose cubic yards

Project Location #11

Name: 12th Street Sinclair

PRCF I.D. Number: TPSS #11

Address: 1417 W. 12th Street, Sioux Falls, SD 57104

Owner: Sinclair Corp

Tanks: Three (3) 8,000-gallon steel tanks

Dispensers and Islands: Zero (0) dispensers and two (2) dispenser island

Number of Distribution Lines: Three (3)

Piping Material: Steel

Piping Gallery (length): 90 feet

Surfacing Material over Tanks: Approximately 100 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 30 square yards of concrete

Contaminated Soil: Assume 404 loose (expanded) cubic yards

Replacement Fill: Assume 558 loose cubic yards

Project Location #12

Name: Westside Convenience

PRCF I.D. Number: TPSS #12

Address: 1900 Summit Street, Yankton, SD 57078

Owner: David Fry

Tanks: Two (2) 10,000-gallon and one (1) 4,000 fiberglass tanks

Dispensers and Islands: Two (2) dispensers and two (2) dispenser island

Number of Distribution Lines: Three (3)

Piping Material: Fiberglass

Piping Gallery (length): 70 feet

Surfacing Material over Tanks: Approximately 114 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 23 square yards of concrete

Contaminated Soil: Assume 530 loose (expanded) cubic yards

Replacement Fill: Assume 693 loose cubic yards

Project Location #13

Name: Broadway Texaco

PRCF I.D. Number: TPSS #13

Address: 1101 Broadway Avenue, Yankton, SD 57078

Owner: Consolidated Energy

Tanks: One (1) 10,000-gallon and one (1) 12,000-gallon (compartmentalized) steel tanks

Dispensers and Islands: Zero (0) dispensers and two (2) dispenser island

Number of Distribution Lines: Three (3)

Piping Material: Synthetic Flexible

Piping Gallery (length): 30 feet

Surfacing Material over Tanks: Approximately 74 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 10 square yards of concrete

Contaminated Soil: Assume 320 loose (expanded) cubic yards

Replacement Fill: Assume 461 loose cubic yards

Bid Group #4

Project Location #14

Name: Big D Oil #1

PRCF I.D. Number: TPSS #14

Address: 2221 Lazelle Street, Sturgis, SD 57785

Owner: Big D Oil

Tanks: Three (3) 6,000-gallon and one (1) 10,000-gallon steel tanks

Dispensers and Islands: Zero (0) dispensers and four (4) dispenser islands

Number of Distribution Lines: Four (4)

Piping Material: Steel

Piping Gallery (length): 115 feet

Surfacing Material over Tanks: Approximately 160 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 35 square yards of concrete

Contaminated Soil: Assume 650 loose (expanded) square yards

Replacement Fill: Assume 830 loose square yards

Project Location #15

Name: Big D Oil #7

PRCF I.D. Number: TPSS #15

Address: 305 W. Jackson, Spearfish, SD 57783

Owner: Big D Oil

Tanks: Two (2) 6,000-gallon, one (1) 10,000-gallon, and one (1) 12,000-gallon steel tanks

Dispensers and Islands: Zero (0) dispensers and three (3) dispenser islands

Number of Distribution Lines: Four (4)

Piping Material: Steel

Piping Gallery (length): 130 feet

Surfacing Material over Tanks: Approximately 150 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 45 square yards of concrete

Contaminated Soil: Assume 780 loose (expanded) square yards

Replacement Fill: Assume 1,000 loose square yards

Project Location #16

Name: Big D Oil #15

PRCF I.D. Number: TPSS #16

Address: 234 Main Gate Road, Box Elder, SD 57719

Owner: Big D Oil

Tanks: Three (3) 10,000-gallon steel tanks

Dispensers and Islands: Zero (0) dispensers and four (4) dispenser islands

Number of Distribution Lines: Three (3)

Piping Material: Steel

Piping Gallery (length): 85 feet

Surfacing Material over Tanks: Approximately 110 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 30 square yards of concrete

Contaminated Soil: Assume 525 loose (expanded) square yards

Replacement Fill: Assume 720 loose square yards

Note to Bidder: The tanks at this location will not be decommissioned. The tanks at this site are to be loaded on trailers provided by the owner at the time of removal.

Bid Group #5

Project Location #17

Name: Flying J Truck Stop

PRCF I.D. Number: TPSS #17

Address: 117 N. Ellsworth Rd., Box Elder, SD 57719

Owner: Fuel Food Mart, Inc.

Tanks: One (1) 4,000-gallon, three (3) 20,000-gallon, and three (3) 10,000-gallon fiberglass tanks

Dispensers and Islands: Zero (0) dispensers and Ten (10) dispenser islands

Number of Distribution Lines: Seven (7)

Piping Material: Fiberglass

Piping Gallery (length): 361 feet

Surfacing Material over Tanks: Approximately 282 square yards of concrete

Surfacing Material over Piping Gallery: Approximately 201 square yards of concrete

Contaminated Soil: Assume 1,687 loose (expanded) cubic yards

Replacement Fill: Assume 2,295 loose cubic yards