

SELECTED PIPELINE HIGHLIGHTS (ASME B31.4 AND B31.8)



Location:	Alberta (Canada)
Project Description:	<ul style="list-style-type: none"> ❑ 16" O.D ❑ 8 miles (~ 13km) ❑ Pipeline, HDD, lateral tie-ins ❑ Hot Tap by-Pass
Total Installation Cost (TIC):	CAD\$ 16 Million

Project Description:	<ul style="list-style-type: none"> ❑ 16" O.D ❑ 10 miles (~ 16km) ❑ Pipeline and Lateral tie-ins ❑ Hot Tap by-Pass
Total Installation Cost (TIC):	CAD\$ 25 Million

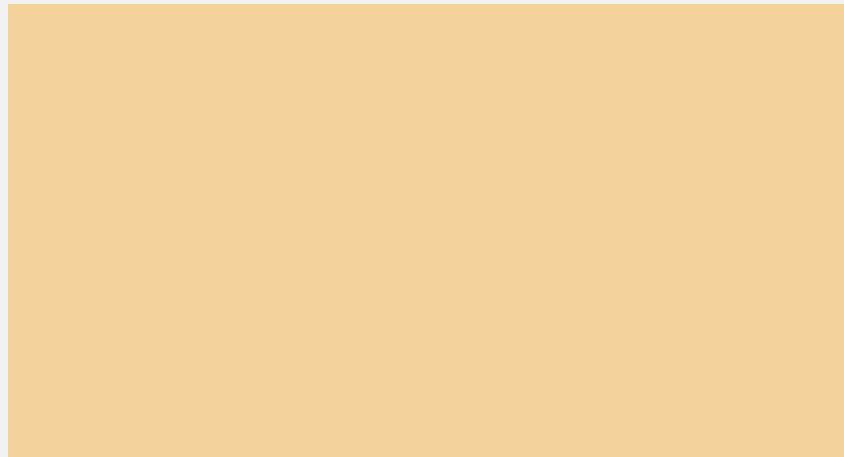
Project Description:	<ul style="list-style-type: none"> ❑ 12" O.D and 16" O.D ❑ Well Tie-in
Total Installation Cost (TIC):	CAD\$ 12 Million



SELECTED PIPELINE HIGHLIGHTS (ASME B31.4 AND B31.8)



Location:	Alberta (Canada)
Project Description:	<ul style="list-style-type: none"> ❑ 42" O.D ❑ 10 miles (~ 16km) ❑ Pipeline, HDD, tie-ins ❑ Stress analysis
Total Installation Cost (TIC):	CAD\$ 35 Million
Project Description:	<ul style="list-style-type: none"> ❑ 16" O.D ❑ Pipeline By-Pass ❑ Finite element (F.E) analysis ❑ Stress analysis
Total Installation Cost (TIC):	CAD\$ 4 Million
Project Description:	<ul style="list-style-type: none"> ❑ Line Sizes 4" O.D to 8" O.D ❑ A/G facility piping ❑ F.E. analysis on vessel & pump nozzles
Total Installation Cost (TIC):	CAD\$ 10 Million

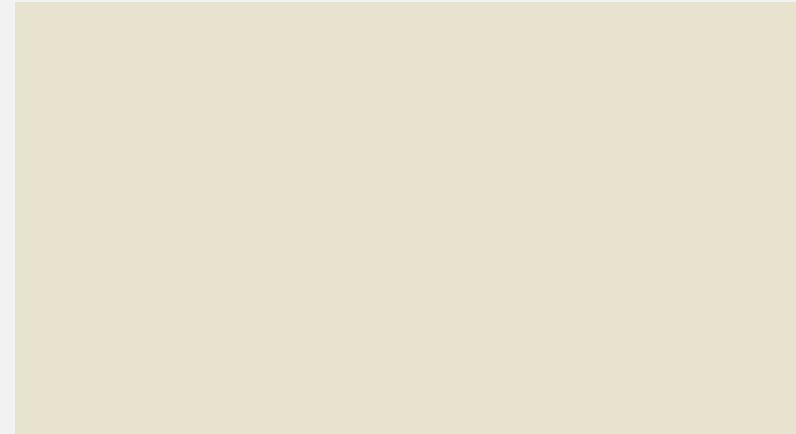


**SELECTED PIPELINE
HIGHLIGHTS
(ASME B31.4 AND B31.8)**



Location:	Alberta (Canada)
Project Description:	<ul style="list-style-type: none"> ❑ Water and Product Pipeline ❑ 8" O.D and 10" O.D. ❑ Pipeline and storage ❑ 16 miles (~26km)
Total Installation Cost (TIC):	CAD\$ 35 Million

Project Description:	<ul style="list-style-type: none"> ❑ 12" O.D. and 16" O.D. headers ❑ Steam injection Well Tie-Ins ❑ Stress analysis
Total Installation Cost (TIC):	CAD\$ 8 Million



KEY PROJECT EXPERIENCES



Client:	Texas (US)
Project Type:	Terminal Pipeline Connection
Project Description:	<p>FEED</p> <ul style="list-style-type: none"> • Pipeline connecting Terminal with Phillips 66 Terminal and Total's Port Arthur Refinery. • Transport blended Heavy Oil to the Phillips 66 Terminal and the NPS 10 and NPS 8 Total lines • Receive light oil and diluent from the Phillips 66 Terminal and NPS 8 and NPS 10 Total lines.
Total Installation Cost (TIC):	US\$ 23 Million

Client:	Canada & US
Project Type:	Various multi-discipline plants expansion and maintenance programs
Project Description:	FEED and Detailed Engineering
Total Installation Cost (TIC):	CAD\$ 70 Million