

Estimation Procurement Sheet

Pump Skid Design and Fabrication

Estimation ID	1	Title	Pump Skid Design and Fabrication
Client Name	Client One	Description	Pump Skid Design and Fabrication Details
Project Name	Project Client 1a	Total Material Cost	\$447480.00
Currency	CAD	Status	Approved
Created By	Emily Engr	Date Created	3/10/2025
Verified By	Sophie Veritas	Date Verified	3/15/2025
Approved By	Jeff Abayon	Date Approved	3/20/2025

Mechanical Design Layout

Package Name	Mechanical Design Layout	Total Material Cost	\$865.00
Description	Simulated package for estimation 1	Total Labor Cost	\$0.00
Sequence	1	Total Duration (days)	0
Created By	Emily Engr	Date Created	3/10/2025
Modified By	Ethan Builder	Date Modified	3/15/2025

Items and Selected Quotes

Item Name	Quantity	Description	Selected Supplier	Unit Cost	Currency	Delivery Days
Shell and Tube Heat Exchanger 105D	60	Shell and Tube Heat Exchanger 105D for Mechanical Design Layout	Velocity Industrial Ltd.	\$131.00	CAD	6
Shell and Tube Heat Exchanger 105F	100	Shell and Tube Heat Exchanger 105F for Mechanical Design Layout	FlowServe Partners	\$116.00	CAD	19
Steel Tank Storage 107I	100	Steel Tank Storage 107I for Mechanical Design Layout	FlowServe Partners	\$133.00	CAD	10
Reciprocating Pump 102E	70	Reciprocating Pump 102E for Mechanical Design Layout	TriMax Components	\$87.00	CAD	12
Vacuum Pump 103C	80	Vacuum Pump 103C for Mechanical Design Layout	KelTech Fabricators	\$104.00	CAD	16
Agitator Equipment	100	Agitator Equipment for Mechanical Design Layout	Xeno Piping Co.	\$99.00	CAD	12
Steel Tank Storage 107D	100	Steel Tank Storage 107D for Mechanical Design Layout	MetroTech Instruments	\$61.00	CAD	21
Pressure Vessel 108F	80	Pressure Vessel 108F for Mechanical Design Layout	Skyline Engineering Ltd.	\$134.00	CAD	22

Pump Selection & Sizing

Package Name	Pump Selection & Sizing	Total Material Cost	\$929.00
Description	Simulated package for estimation 1	Total Labor Cost	\$0.00
Sequence	2	Total Duration (days)	0
Created By	Emily Engr	Date Created	3/10/2025
Modified By	Ethan Builder	Date Modified	3/15/2025

Items and Selected Quotes

Item Name	Quantity	Description	Selected Supplier	Unit Cost	Currency	Delivery Days
Rotary Pump 101G	60	Rotary Pump 101G for Pump Selection & Sizing	TriMax Components	\$57.00	CAD	19

Item Name	Quantity	Description	Selected Supplier	Unit Cost	Currency	Delivery Days
Reciprocating Pump 102H	50	Reciprocating Pump 102H for Pump Selection & Sizing	PrimeSteel Supplies	\$51.00	CAD	22
Vacuum Pump 103B	50	Vacuum Pump 103B for Pump Selection & Sizing	AllTech Process Systems	\$56.00	CAD	17
Pressure Vessel 108F	50	Pressure Vessel 108F for Pump Selection & Sizing	NovaTank Industries	\$127.00	CAD	12
Rotary Pump 101I	70	Rotary Pump 101I for Pump Selection & Sizing	BlueWave Thermal Inc.	\$73.00	CAD	17
Pressure Vessel Equipment	90	Pressure Vessel Equipment for Pump Selection & Sizing	MetroTech Instruments	\$92.00	CAD	8
Steel Tank Storage 107G	60	Steel Tank Storage 107G for Pump Selection & Sizing	BlueWave Thermal Inc.	\$115.00	CAD	10
Agitator 104I	50	Agitator 104I for Pump Selection & Sizing	BlueWave Thermal Inc.	\$81.00	CAD	11
Agitator 104B	100	Agitator 104B for Pump Selection & Sizing	AllTech Process Systems	\$140.00	CAD	13
Reciprocating Pump 102A	90	Reciprocating Pump 102A for Pump Selection & Sizing	BlueWave Thermal Inc.	\$137.00	CAD	6

Piping & Instrumentation

Package Name	Piping & Instrumentation	Total Material Cost	\$908.00
Description	Simulated package for estimation 1	Total Labor Cost	\$0.00
Sequence	3	Total Duration (days)	0
Created By	Emily Engr	Date Created	3/10/2025
Modified By	Ethan Builder	Date Modified	3/15/2025

Items and Selected Quotes

Item Name	Quantity	Description	Selected Supplier	Unit Cost	Currency	Delivery Days
Steel Tank Storage 107I	60	Steel Tank Storage 107I for Piping & Instrumentation	Summit Flow Dynamics	\$93.00	CAD	16
Vacuum Pump 103H	100	Vacuum Pump 103H for Piping & Instrumentation	Atlas Control Systems	\$115.00	CAD	9
Pressure Vessel 108C	60	Pressure Vessel 108C for Piping & Instrumentation	Summit Flow Dynamics	\$109.00	CAD	16
Reciprocating Pump Equipment	70	Reciprocating Pump Equipment for Piping & Instrumentation	Summit Flow Dynamics	\$111.00	CAD	8
Shell and Tube Heat Exchanger 105C	90	Shell and Tube Heat Exchanger 105C for Piping & Instrumentation	Atlas Control Systems	\$135.00	CAD	22
Reciprocating Pump 102E	80	Reciprocating Pump 102E for Piping & Instrumentation	Velocity Industrial Ltd.	\$147.00	CAD	11
Rotary Pump 101C	90	Rotary Pump 101C for Piping & Instrumentation	Atlas Control Systems	\$123.00	CAD	22
Steel Tank Storage 107E	50	Steel Tank Storage 107E for Piping & Instrumentation	Xeno Piping Co.	\$75.00	CAD	6

Structural Frame Fabrication

Package Name	Structural Frame Fabrication	Total Material Cost	\$1063.00
Description	Simulated package for estimation 1	Total Labor Cost	\$0.00
Sequence	4	Total Duration (days)	0
Created By	Emily Engr	Date Created	3/10/2025
Modified By	Ethan Builder	Date Modified	3/15/2025

Items and Selected Quotes

Item Name	Quantity	Description	Selected Supplier	Unit Cost	Currency	Delivery Days
Reciprocating Pump Equipment	90	Reciprocating Pump Equipment for Structural Frame Fabrication	Precision Valves Co.	\$117.00	CAD	12
Reciprocating Pump 102F	90	Reciprocating Pump 102F for Structural Frame Fabrication	Precision Valves Co.	\$149.00	CAD	6
Shell and Tube Heat Exchanger 105A	50	Shell and Tube Heat Exchanger 105A for Structural Frame Fabrication	NovaTank Industries	\$133.00	CAD	14
Steel Tank Storage 107D	80	Steel Tank Storage 107D for Structural Frame Fabrication	FlowServe Partners	\$118.00	CAD	22
Shell and Tube Heat Exchanger 105B	50	Shell and Tube Heat Exchanger 105B for Structural Frame Fabrication	TriMax Components	\$90.00	CAD	14
Reciprocating Pump 102G	90	Reciprocating Pump 102G for Structural Frame Fabrication	Equinox Welding Solutions	\$127.00	CAD	17
Rotary Pump 101B	90	Rotary Pump 101B for Structural Frame Fabrication	Precision Valves Co.	\$117.00	CAD	23
Plate and Frame Heat Exchanger 106B	100	Plate and Frame Heat Exchanger 106B for Structural Frame Fabrication	Equinox Welding Solutions	\$144.00	CAD	18
Vacuum Pump 103A	90	Vacuum Pump 103A for Structural Frame Fabrication	Skyline Engineering Ltd.	\$68.00	CAD	15

Electrical Integration

Package Name	Electrical Integration	Total Material Cost	\$980.00
Description	Simulated package for estimation 1	Total Labor Cost	\$0.00
Sequence	5	Total Duration (days)	0
Created By	Emily Engr	Date Created	3/10/2025
Modified By	Ethan Builder	Date Modified	3/15/2025

Items and Selected Quotes

Item Name	Quantity	Description	Selected Supplier	Unit Cost	Currency	Delivery Days
Steel Tank Storage 107E	100	Steel Tank Storage 107E for Electrical Integration	Velocity Industrial Ltd.	\$121.00	CAD	22
Plate and Frame Equipment	90	Plate and Frame Equipment for Electrical Integration	KelTech Fabricators	\$105.00	CAD	10
Shell and Tube Heat Exchanger 105D	90	Shell and Tube Heat Exchanger 105D for Electrical Integration	Xeno Piping Co.	\$82.00	CAD	23
Agitator Equipment	60	Agitator Equipment for Electrical Integration	AllTech Process Systems	\$77.00	CAD	19
Pressure Vessel 108B	60	Pressure Vessel 108B for Electrical Integration	Velocity Industrial Ltd.	\$125.00	CAD	22
Pressure Vessel 108I	80	Pressure Vessel 108I for Electrical Integration	Precision Valves Co.	\$126.00	CAD	9
Rotary Pump 101G	90	Rotary Pump 101G for Electrical Integration	FlowServe Partners	\$55.00	CAD	15
Reciprocating Pump 102H	50	Reciprocating Pump 102H for Electrical Integration	Skyline Engineering Ltd.	\$117.00	CAD	15
Pressure Vessel 108F	50	Pressure Vessel 108F for Electrical Integration	MetroTech Instruments	\$89.00	CAD	21
Rotary Pump 101D	60	Rotary Pump 101D for Electrical Integration	NovaTank Industries	\$83.00	CAD	17

Painting & Coating

Package Name	Painting & Coating	Total Material Cost	\$914.00
Description	Simulated package for estimation 1	Total Labor Cost	\$0.00
Sequence	6	Total Duration (days)	0
Created By	Emily Engr	Date Created	3/10/2025

Modified By	Ethan Builder	Date Modified	3/15/2025
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Items and Selected Quotes

Item Name	Quantity	Description	Selected Supplier	Unit Cost	Currency	Delivery Days
Pressure Vessel 108G	50	Pressure Vessel 108G for Painting & Coating	KelTech Fabricators	\$106.00	CAD	10
Plate and Frame Heat Exchanger 106E	50	Plate and Frame Heat Exchanger 106E for Painting & Coating	NovaTank Industries	\$56.00	CAD	11
Rotary Pump 101H	60	Rotary Pump 101H for Painting & Coating	Summit Flow Dynamics	\$148.00	CAD	23
Reciprocating Pump 102D	50	Reciprocating Pump 102D for Painting & Coating	Xeno Piping Co.	\$52.00	CAD	23
Agitator 104E	100	Agitator 104E for Painting & Coating	Equinox Welding Solutions	\$97.00	CAD	15
Steel Tank Storage 107C	90	Steel Tank Storage 107C for Painting & Coating	BlueWave Thermal Inc.	\$127.00	CAD	7
Vacuum Pump 103C	50	Vacuum Pump 103C for Painting & Coating	AllTech Process Systems	\$144.00	CAD	16
Reciprocating Pump 102G	80	Reciprocating Pump 102G for Painting & Coating	FlowServe Partners	\$98.00	CAD	18
Shell and Tube Heat Exchanger 105B	70	Shell and Tube Heat Exchanger 105B for Painting & Coating	MetroTech Instruments	\$86.00	CAD	21

QA/QC Inspection

Package Name	QA/QC Inspection	Total Material Cost	\$957.00
Description	Simulated package for estimation 1	Total Labor Cost	\$0.00
Sequence	7	Total Duration (days)	0
Created By	Emily Engr	Date Created	3/10/2025
Modified By	Ethan Builder	Date Modified	3/15/2025

Items and Selected Quotes

Item Name	Quantity	Description	Selected Supplier	Unit Cost	Currency	Delivery Days
Reciprocating Pump 102D	90	Reciprocating Pump 102D for QA/QC Inspection	MetroTech Instruments	\$98.00	CAD	17
Reciprocating Pump 102H	80	Reciprocating Pump 102H for QA/QC Inspection	MetroTech Instruments	\$93.00	CAD	12
Rotary Pump 101A	100	Rotary Pump 101A for QA/QC Inspection	Summit Flow Dynamics	\$117.00	CAD	18
Agitator 104I	90	Agitator 104I for QA/QC Inspection	TriMax Components	\$134.00	CAD	9
Plate and Frame Heat Exchanger 106D	80	Plate and Frame Heat Exchanger 106D for QA/QC Inspection	Atlas Control Systems	\$124.00	CAD	9
Rotary Pump 101H	100	Rotary Pump 101H for QA/QC Inspection	AllTech Process Systems	\$96.00	CAD	12
Plate and Frame Heat Exchanger 106A	80	Plate and Frame Heat Exchanger 106A for QA/QC Inspection	Atlas Control Systems	\$85.00	CAD	19
Agitator 104A	70	Agitator 104A for QA/QC Inspection	BlueWave Thermal Inc.	\$70.00	CAD	19
Pressure Vessel 108G	90	Pressure Vessel 108G for QA/QC Inspection	FlowServe Partners	\$140.00	CAD	7

Packaging & Delivery

Package Name	Packaging & Delivery	Total Material Cost	\$873.00
Description	Simulated package for estimation 1	Total Labor Cost	\$0.00
Sequence	8	Total Duration (days)	0

Created By	Emily Engr	Date Created	3/10/2025
Modified By	Ethan Builder	Date Modified	3/15/2025

Items and Selected Quotes

Item Name	Quantity	Description	Selected Supplier	Unit Cost	Currency	Delivery Days
Agitator 104H	70	Agitator 104H for Packaging & Delivery	Xeno Piping Co.	\$66.00	CAD	7
Shell and Tube Heat Exchanger 105E	50	Shell and Tube Heat Exchanger 105E for Packaging & Delivery	BlueWave Thermal Inc.	\$139.00	CAD	16
Rotary Pump 101G	60	Rotary Pump 101G for Packaging & Delivery	NovaTank Industries	\$68.00	CAD	22
Agitator 104G	100	Agitator 104G for Packaging & Delivery	PrimeSteel Supplies	\$127.00	CAD	23
Reciprocating Pump 102I	90	Reciprocating Pump 102I for Packaging & Delivery	FlowServe Partners	\$117.00	CAD	22
Reciprocating Pump 102F	100	Reciprocating Pump 102F for Packaging & Delivery	KelTech Fabricators	\$149.00	CAD	20
Vacuum Pump Equipment	90	Vacuum Pump Equipment for Packaging & Delivery	TriMax Components	\$110.00	CAD	11
Vacuum Pump 103F	70	Vacuum Pump 103F for Packaging & Delivery	NovaTank Industries	\$97.00	CAD	20