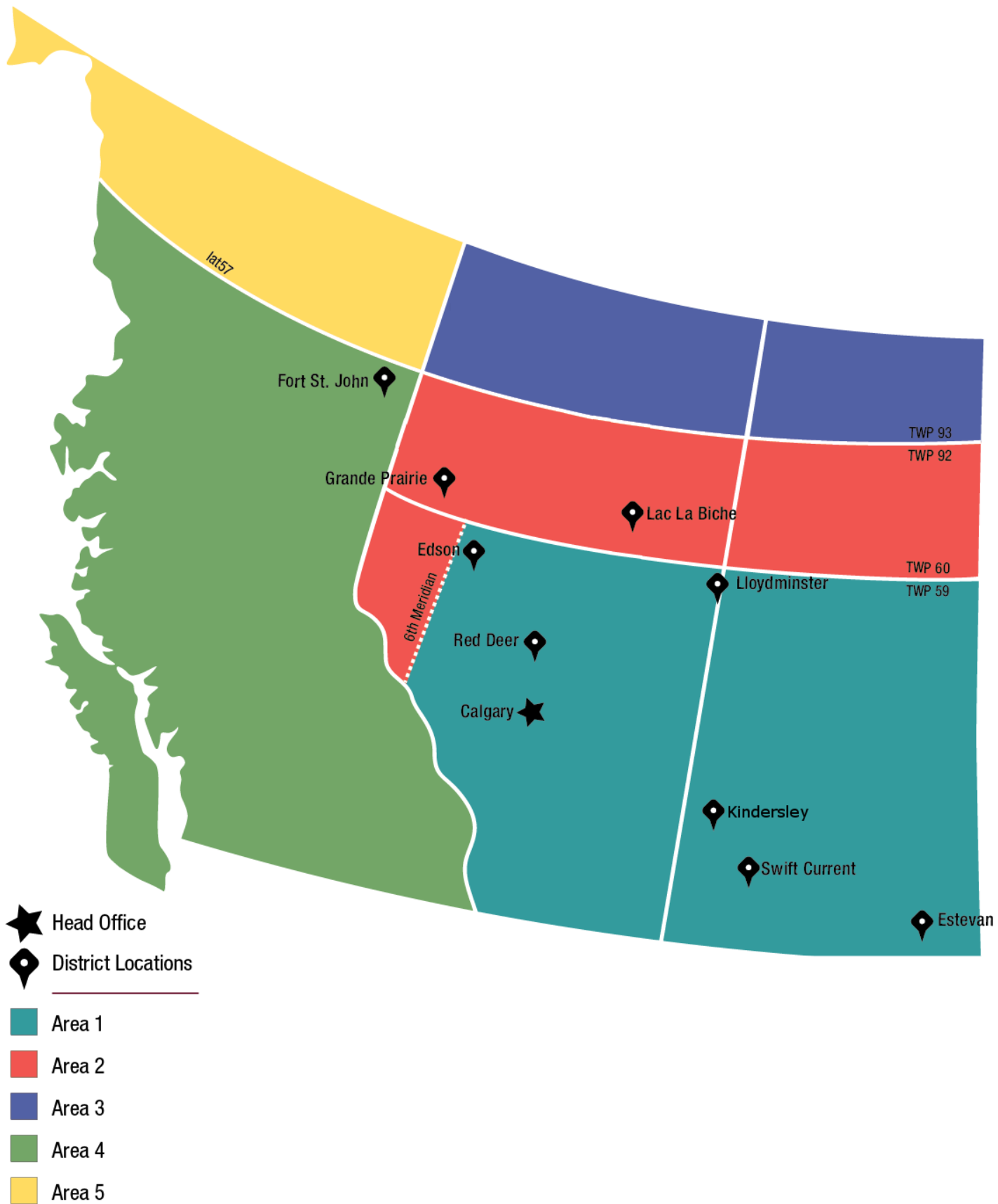


# Geographical Pricing Boundaries







# General Terms and Conditions

Under these terms and conditions (“**T&C’s**”) Sanjel Energy Services Inc. (“**Sanjel**”) agrees to provide, and you agree to purchase, the goods and services in the attached proposal or work order (“**goods**,” “**services**” or “**goods and services**”). You understand and agree that the T&Cs govern and control the provision of all goods or services Sanjel provides to you, including any goods or services Sanjel provides or performs under written or oral requests for goods or services. You accept the T&Cs by informing Sanjel or allowing Sanjel to provide goods and services, whichever is first. You cannot change the T&Cs, and Sanjel rejects any proposals on your forms or otherwise. When used in the T&Cs, “**we**,” “**us**,” and “**our**” refer to both you and Sanjel, collectively.

## I. Entire Agreement.

If we have signed an agreement applicable to the goods and services, that agreement will apply and the T&Cs do not. If no signed agreement exists between us, the T&Cs are our entire agreement for the goods and services, and no prior discussion, agreement, conduct, or industry practice will affect them. The T&Cs may not be changed, superseded or replaced by any other agreement (including any terms in a purchase order, service order, invoice or other similar document) unless specifically agreed by each of us in writing.

## II. Acknowledgment.

You understand that interpretations, research, analysis, advice or interpretational data furnished by Sanjel (“**Recommendations**”) are opinions based on inferences from measurements, empirical relationships and assumptions and industry practice and that Recommendations are not infallible, and the opinions of professional geologists, engineers, drilling consultants and analysts may differ. Sanjel does not warrant the accuracy, correctness, or completeness of the Recommendations, or that your or any third party’s reliance on the Recommendations will accomplish any particular results. You assume full responsibility for the use of and decisions based on the Recommendations, and you hereby agree to release, defend, indemnify and hold Sanjel harmless from Claims arising from the use of the Recommendations.

## III. Payment.

You will pay Sanjel for the goods and services at the rates in the applicable proposal or work order (which are good for 90 days) in Canadian dollars within 30 days of receipt of performance or a correct invoice, whichever is later. Sanjel may charge interest at 18% per year on all overdue amounts, and you will bear all costs of collection of overdue accounts, including legal fees on a full indemnity basis.

## IV. Services.

You acknowledge and agree that the services Sanjel may perform are of such a nature that results cannot be guaranteed, and Sanjel makes no representations, warranties or guarantees with respect to the results of the services. Sanjel’s only warranty with regard to the services is that they will conform to the material aspects of the applicable scope of work.

## V. Goods.

Sanjel may provide goods to you under the T&Cs or in connection with the services. Sanjel warrants that goods will (a) substantially conform to the applicable scope of work (b) be free of defects and of good quality and workmanship, and (c) not be subject to any liens, claims or encumbrances. There are no warranties, express or implied, of merchantability, use, and fitness that extend beyond those expressly stated herein.

## VI. Warranty Remedies.

Sanjel will re-perform any non-conforming services if Sanjel is notified before leaving the work site, and will repair or replace any non-conforming or defective goods you notify Sanjel of within 30 days after Sanjel provided them to you free of charge. If Sanjel is unable to repair the non-conforming services, Sanjel will reimburse you for costs of a third party to repair such services, up to 10% of the original work order for such services. If fishing services are required to retrieve goods, Sanjel may specify the provider and be present during recovery. The remedies will not apply if damage is caused by: (i) your failure to properly store or maintain the goods, (ii) abnormal well conditions, abrasive materials, corrosion due to aggressive fluids or incorrect specifications, (iii) unauthorized alteration or repair of the goods, (iv) loss of goods while on your site due to your or any third party’s negligence, vandalism or force majeure, (v) Sanjel’s lack of or incorrect information regarding well conditions, or (vi) use or handling of the goods in a manner inconsistent with Sanjel’s recommendations. Sanjel’s warranty obligations will terminate if you fail to perform your obligations, including your failure to pay on time.

## General Terms and Conditions

### VII. Delay and Cancellation.

If Sanjel cannot provide goods or services to you due to circumstances beyond its control, Sanjel may charge you actual costs incurred, including but not limited to: mileage; blending; materials (including handling and hauling); return delivery and restocking charges; and all location time in excess of the location time allowance. Orders for goods or services that you cancel after Sanjel has procured the required materials may be subject to a 25% restocking fee. If Sanjel provides materials to your specifications and you cancel for any reason (including an uncontrollable event) you will be charged a cancellation fee plus actual costs incurred as a result of such cancellation.

### VIII. Taxes.

Prices are exclusive of any municipal, state, federal, special or use taxes or levies imposed on the sale of goods or services. You will be responsible for all taxes applicable to the provision of the goods or services.

### IX. Additional Services Requests.

You will pay for services, equipment or materials not listed in a proposal but purchased or rented by Sanjel at your request at cost plus 25%. Sanjel has no liability to you for such services, equipment or materials.

### X. Proprietary Rights.

You acknowledge that any intellectual property Sanjel uses in connection with the T&Cs, or that is created or developed by Sanjel in the course of performing under the T&Cs, is the property of Sanjel at all times, and you understand that you are not entitled to any intellectual property rights in any of Sanjel's intellectual property, except as required to receive the benefit of the goods or services.

### XI. Confidentiality.

Any non-public information that we learn about each other in connection with the T&Cs, including our relationship, is confidential information of the disclosing party, and neither of us may disclose confidential information of the other to any third party without the prior written consent of the disclosing party. We may each use confidential information of the other to perform under the T&Cs, and may share it only on a need-to-know basis with employees.

### XII. Indemnity.

(A) Subject to Section 12(b) below, each of us ("Indemnitor") hereby agrees to release, defend, indemnify and hold the other, its affiliates, officers, directors, agents, partners, joint venturers, employees and contractors of every tier ("Indemnitee Group") harmless for all losses, claims, demands, causes of action, costs and expenses (including reasonable legal fees on a full indemnity basis) (collectively, "Claims"), for personal injury, death and property damage to Indemnitor, its affiliates, officers, directors, agents, partners, joint venturers, employees and contractors of every tier arising out of or incident to the T&Cs or any goods or services provided hereunder, without regard to whether such Claim is caused, in whole or in part, by the negligence (whether sole, joint or concurrent, active or passive), contractual liability or other fault of any member of the Indemnitee Group or by any defect or pre-existing condition (whether known or unknown, patent or otherwise).

(B) You hereby agree to release, defend, indemnify and hold Sanjel harmless for any Claims Sanjel may suffer or incur arising out of or incident to: well blowout or any uncontrolled well condition, fire, cratering, redrill or sidetracking, seepage or reservoir damage, loss or damage to the hole, pollution and contamination (except sudden and accidental pollution originating above the surface of the earth and emanating from Sanjel's equipment while in Sanjel's care, custody and control), and loss or damage to Sanjel's (or its contractors') equipment while down the hole at new replacement value; even if caused in whole or in part by the sole, joint or concurrent negligence or other fault (active or passive) of Sanjel or any other person.

### XIII. Consequential Damages Exclusion:

Notwithstanding anything to the contrary, neither of us will be liable to the other for business interruptions, punitive, indirect or consequential damages relating to the goods or services (including but not limited to any loss of profit, loss of expected revenue, loss of hydrocarbons or loss of rig time).

## General Terms and Conditions

### **XIV. Disposal of Chemicals.**

You will arrange and be responsible for the disposal of any used chemicals and hazardous materials related to the goods or services.

### **XV. Insurance.**

Each of us will maintain, at its own cost, commercial general liability insurance covering its indemnification obligations under the T&Cs with combined single limits of at least \$5,000,000 per occurrence and in the aggregate. We will obtain insurance from carriers with AM Best ratings of at least A-VII (or equivalent), ensure the other party is named as an additional insured, and ensure that our carriers waive rights of subrogation against the other party.

### **XVI. Uncontrollable Events.**

Except for payment obligations, if either of us is unable to comply with the T&Cs because of events beyond our reasonable control, we will promptly notify the other in writing and will make reasonable efforts to restore our ability to perform as soon as possible. If the inability to perform continues for more than 10 days, the other party may cancel the applicable job immediately, by giving written notice to the affected party.

### **XVII. Waiver.**

Failure to enforce any or all of the T&Cs will not relieve either party of its rights or obligations or constitute a waiver or prevent further enforcement.

### **XVIII. Assignment.**

You will not assign any of your rights or obligations under this PO without Sanjel's approval, which Sanjel may not unreasonably withhold. Any assignment in violation of this provision will be null and void.

### **XIX. Governing Law.**

We agree that the laws of the Province of Alberta govern the T&Cs, without the application of choice of law rules. Each of us voluntarily submits to the jurisdiction and venue of the courts of the Province of Alberta for the adjudication of all disputes under the T&Cs.





## General Information

- I. \*Not Subject to Discount
- II. \*\*Prices on Request (POR)
- III. The prices quoted in this Price Book are subject to change without prior notice, including the imposition of fuel or other surcharges related to increases in commodity prices.
- IV. To calculate kW charges

$$\text{kW} = \frac{(\text{m}^3/\text{min} \times \text{kPa})}{60} \quad 1\text{kW} = 1.34\text{HHP}$$

Where, m<sup>3</sup>/min = maximum rate (measured to the nearest 0.1 m<sup>3</sup>/min), that the fracturing fluid, plus proppant, is pumped. kPa = average surface pressure (measured to the nearest 100 kPa) from just after breakdown to just before ISIP. To calculate kW charges for multiple zone jobs on one ticket, take the average kW for all zones pumped.



# Table of Contents

## Cement and Acid Services

Cementing Services .....	1
Bulk Cement Services .....	6
Cement Blends .....	8
Cement Chemicals .....	12
Preflushes and Spacers .....	16
Cementing Plugs .....	17
Well Control Operations .....	20
Abrasive Jetting Services .....	20
Acidizing Services .....	21
Acidizing Fluids and Additives .....	22

## General

Personnel .....	26
Equipment Cleanup and Fluid Disposal .....	26
Travel .....	27
Jobs Not Performed .....	27
Third-Party Purchases/Rentals .....	28
Miscellaneous Charges .....	28
Laboratory Services .....	29
Reservoir Solutions Consulting .....	29
Data Acquisition and Transmission .....	30
Fluid Pumping Surcharges .....	31
High Pressure Treating Iron .....	31
Damages .....	31



Sanjel Energy Services Inc. Cement and Acid Services







## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Cementing Services</b>							
<b>Primary Cementing - Base Charges</b>							
Initial 6 Hours On Location - Operating or Standby. Includes first 3 radios and FDAS							
111000	Primary Cementing - Base Charge less than 200 m	unit	3,350.00	4,150.00	5,100.00	4,360.00	5,355.00
111001	Primary Cementing - Base Charge 201 to 400 m	unit	3,950.00	4,850.00	5,950.00	5,095.00	6,250.00
111002	Primary Cementing - Base Charge 401 to 600 m	unit	4,150.00	5,150.00	6,400.00	5,410.00	6,720.00
111003	Primary Cementing - Base Charge 601 to 800 m	unit	4,500.00	5,550.00	6,850.00	5,830.00	7,195.00
111004	Primary Cementing - Base Charge 801 to 1000 m	unit	4,750.00	5,850.00	7,250.00	6,145.00	7,615.00
111005	Primary Cementing - Base Charge 1001 to 1200 m	unit	5,100.00	6,350.00	7,850.00	6,670.00	8,245.00
111006	Primary Cementing - Base Charge 1201 to 1400 m	unit	5,400.00	6,700.00	8,300.00	7,035.00	8,715.00
111007	Primary Cementing - Base Charge 1401 to 1600 m	unit	5,800.00	7,200.00	8,850.00	7,560.00	9,295.00
111008	Primary Cementing - Base Charge 1601 to 1800 m	unit	6,475.00	8,025.00	9,925.00	8,425.00	10,425.00
111009	Primary Cementing - Base Charge 1801 to 2000 m	unit	6,850.00	8,500.00	10,500.00	8,925.00	11,025.00
111010	Primary Cementing - Base Charge 2001 to 2200 m	unit	7,375.00	9,175.00	11,350.00	9,650.00	11,925.00
111011	Primary Cementing - Base Charge 2201 to 2400 m	unit	7,900.00	9,825.00	12,150.00	10,300.00	12,750.00
111012	Primary Cementing - Base Charge 2401 to 2600 m	unit	8,550.00	10,675.00	13,250.00	11,200.00	13,925.00
111013	Primary Cementing - Base Charge 2601 to 2800 m	unit	9,175.00	11,400.00	14,225.00	11,975.00	14,925.00
111014	Primary Cementing - Base Charge 2801 to 3000 m	unit	9,775.00	12,100.00	15,075.00	12,700.00	15,825.00
111015	Primary Cementing - Base Charge 3001 to 3200 m	unit	10,725.00	13,375.00	16,650.00	14,025.00	17,475.00
111016	Primary Cementing - Base Charge 3201 to 3400 m	unit	11,725.00	14,650.00	18,150.00	15,375.00	19,050.00
111017	Primary Cementing - Base Charge 3401 to 3600 m	unit	12,725.00	15,900.00	19,825.00	16,700.00	20,825.00
111018	Primary Cementing - Base Charge 3601 to 3800 m	unit	13,900.00	17,175.00	21,325.00	18,050.00	22,375.00

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Primary Cementing - Base Charges</b>							
Initial 6 Hours On Location - Operating or Standby. Includes first 3 radios and FDAS							
111019	Primary Cementing - Base Charge 3801 to 4000 m	unit	14,850.00	18,450.00	23,025.00	19,375.00	24,175.00
111020	Primary Cementing - Base Charge 4001 to 4200 m	unit	16,550.00	20,675.00	25,675.00	21,725.00	26,950.00
111021	Primary Cementing - Base Charge 4201 to 4400 m	unit	18,250.00	22,700.00	28,325.00	23,825.00	29,725.00
111022	Primary Cementing - Base Charge 4401 to 4600 m	unit	19,950.00	24,925.00	31,075.00	26,175.00	32,625.00
111023	Primary Cementing - Base Charge 4601 to 4800 m	unit	21,625.00	27,050.00	33,725.00	28,400.00	35,400.00
111024	Primary Cementing - Base Charge 4801 to 5000 m	unit	23,325.00	29,150.00	36,275.00	30,625.00	38,075.00
111025	Primary Cementing - Base Charge 5001 to 5200 m	unit	23,800.00	29,600.00	36,900.00	31,080.00	38,745.00
111026	Primary Cementing - Base Charge 5201 to 5400 m	unit	26,100.00	32,500.00	40,700.00	34,125.00	42,735.00
111027	Primary Cementing - Base Charge 5401 to 5600 m	unit	28,500.00	35,400.00	44,200.00	37,170.00	46,410.00
111028	Primary Cementing - Base Charge 5601 to 5800 m	unit	30,700.00	38,300.00	47,800.00	40,215.00	50,190.00
111029	Primary Cementing - Base Charge 5801 to 6000 m	unit	33,100.00	41,200.00	51,600.00	43,260.00	54,180.00
111030	Primary Cementing - Over 6000 m (Applied to Base every 200m)	unit	4,100.00	5,150.00	6,300.00	5,410.00	6,615.00

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Remedial Cementing - Base Charges</b>							
Initial 6 Hours On Location - Operating or Standby. Includes first 3 radios and FDAS							
111100	Remedial & Liner Cementing - Base Charge less than 200 m	unit	4,100.00	5,050.00	6,250.00	5,305.00	6,565.00
111101	Remedial & Liner Cementing - Base Charge 201 to 400 m	unit	4,650.00	5,750.00	7,100.00	6,040.00	7,455.00
111102	Remedial & Liner Cementing - Base Charge 401 to 600 m	unit	4,900.00	6,050.00	7,450.00	6,355.00	7,825.00
111103	Remedial & Liner Cementing - Base Charge 601 to 800 m	unit	5,300.00	6,500.00	8,050.00	6,825.00	8,455.00
111104	Remedial & Liner Cementing - Base Charge 801 to 1000 m	unit	5,600.00	6,950.00	8,600.00	7,300.00	9,030.00
111105	Remedial & Liner Cementing - Base Charge 1001 to 1200 m	unit	6,050.00	7,450.00	9,200.00	7,825.00	9,660.00
111106	Remedial & Liner Cementing - Base Charge 1201 to 1400 m	unit	6,400.00	7,950.00	9,800.00	8,350.00	10,290.00
111107	Remedial & Liner Cementing - Base Charge 1401 to 1600 m	unit	6,900.00	8,550.00	10,600.00	8,980.00	11,130.00
111108	Remedial & Liner Cementing - Base Charge 1601 to 1800 m	unit	7,700.00	9,550.00	11,875.00	10,025.00	12,475.00
111109	Remedial & Liner Cementing - Base Charge 1801 to 2000 m	unit	8,175.00	10,125.00	12,625.00	10,650.00	13,250.00
111110	Remedial & Liner Cementing - Base Charge 2001 to 2200 m	unit	8,800.00	10,875.00	13,575.00	11,425.00	14,250.00
111111	Remedial & Liner Cementing - Base Charge 2201 to 2400 m	unit	9,500.00	11,775.00	14,750.00	12,375.00	15,475.00
111112	Remedial & Liner Cementing - Base Charge 2401 to 2600 m	unit	10,250.00	12,725.00	15,900.00	13,375.00	16,700.00
111113	Remedial & Liner Cementing - Base Charge 2601 to 2800 m	unit	10,925.00	13,675.00	16,975.00	14,375.00	17,825.00
111114	Remedial & Liner Cementing - Base Charge 2801 to 3000 m	unit	11,675.00	14,650.00	18,150.00	15,375.00	19,050.00
111115	Remedial & Liner Cementing - Base Charge 3001 to 3200 m	unit	12,950.00	16,125.00	19,950.00	16,925.00	20,925.00
111116	Remedial & Liner Cementing - Base Charge 3201 to 3400 m	unit	14,100.00	17,600.00	21,850.00	18,500.00	22,950.00
111117	Remedial & Liner Cementing - Base Charge 3401 to 3600 m	unit	15,375.00	19,200.00	23,850.00	20,150.00	25,050.00
111118	Remedial & Liner Cementing - Base Charge 3601 to 3800 m	unit	16,550.00	20,675.00	25,675.00	21,725.00	26,950.00
111119	Remedial & Liner Cementing - Base Charge 3801 to 4000 m	unit	17,825.00	22,275.00	27,675.00	23,375.00	29,050.00

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Remedial Cementing - Base Charges</b>							
Initial 6 Hours On Location - Operating or Standby. Includes first 3 radios and FDAS							
111120	Remedial & Liner Cementing - Base Charge 4001 to 4200 m	unit	19,825.00	24,700.00	30,850.00	25,950.00	32,400.00
111121	Remedial & Liner Cementing - Base Charge 4201 to 4400 m	unit	21,950.00	27,350.00	34,050.00	28,725.00	35,750.00
111122	Remedial & Liner Cementing - Base Charge 4401 to 4600 m	unit	24,075.00	30,125.00	37,425.00	31,625.00	39,300.00
111123	Remedial & Liner Cementing - Base Charge 4601 to 4800 m	unit	26,100.00	32,550.00	40,600.00	34,175.00	42,650.00
111124	Remedial & Liner Cementing - Base Charge 4801 to 5000 m	unit	28,100.00	35,100.00	43,800.00	36,850.00	45,975.00
111125	Remedial & Liner Cementing - Base Charge 5001 to 5200 m	unit	28,500.00	35,400.00	43,600.00	37,170.00	45,780.00
111126	Remedial & Liner Cementing - Base Charge 5201 to 5400 m	unit	31,400.00	39,100.00	48,800.00	41,055.00	51,240.00
111127	Remedial & Liner Cementing - Base Charge 5401 to 5600 m	unit	34,200.00	42,600.00	53,300.00	44,730.00	55,965.00
111128	Remedial & Liner Cementing - Base Charge 5601 to 5800 m	unit	37,100.00	46,200.00	57,800.00	48,510.00	60,690.00
111129	Remedial & Liner Cementing - Base Charge 5801 to 6000 m	unit	40,000.00	49,900.00	62,300.00	52,395.00	65,415.00
111130	Remedial/Liner Cementing - Over 6000 m (Applied to Base every 200m)	unit	4,700.00	5,700.00	7,100.00	5,985.00	7,455.00
<b>Operating Hours</b>							
After 6 Hours On Location - Operating and Standby							
111392*	Single Cement Pump - Additional Location Time	unit-hr	520.00	640.00	795.00	675.00	835.00
111395*	Twin Cement Pump Additional Location Time	unit-hr	615.00	790.00	960.00	830.00	1,005.00
112298*	Single Pump Day Rate - Operating Or Standby	unit-day	POR	POR	POR	POR	POR
112299*	Twin Pump Day Rate - Operating Or Standby	unit-day	POR	POR	POR	POR	POR



## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Cementing Services - Miscellaneous</b>						
Base Charge is Initial 6 Hours On Location - Operating or Standby						
116024* Misc. Pumping Services - Mixing, Spotting, Circulating Base Charge	unit	6,825.00	7,500.00	8,150.00	8,600.00	10,250.00
116026* In Addition To The Base Charge Per All Twins On Location	unit	Single + 25%	Single + 25%	Single + 25%	Single + 25%	Single + 25%
116027* Batch Mix or Slurry Averaging Unit - Base Charge (6 hours)	job	2,400.00	2,900.00	3,600.00	3,045.00	3,780.00
116028* Batch Mixer - Additional Location Time	hr	240.00	350.00	470.00	370.00	495.00
116029 High Rate Pumping Surcharge: excess of 8bbl/min (1.2m3/min )	job	1,800.00	2,000.00	2,200.00	2,100.00	2,300.00
116030* Pressure in Excess of 5000 psi (35 MPa) - Cement Pump	MPa	225.00	250.00	300.00	275.00	325.00
116031* Minimum Charge - Third Party Materials per job	job	2,350.00	2,900.00	3,600.00	3,045.00	3,780.00
116032* Third Party Materials Pumped - Mixing or Pumping Charge	job	POR	POR	POR	POR	POR
116033* Cementing Services - Inclusive Base Charge set up	job	POR	POR	POR	POR	POR
116034* Cementing Services - Inclusive Base Charge - Pumping through Third Party Coil	job	POR	POR	POR	POR	POR
116035* Slow Rate Cementing Services -Inclusive Base Charge Set-up	job	POR	POR	POR	POR	POR
116036* Inclusive Cementing Services and Materials	m3	POR	POR	POR	POR	POR
116037* Monthly Cementing Services	mth	POR	POR	POR	POR	POR
116038 Slow Rate Pumping Unit - Base Charge	unit	3,400.00	4,100.00	4,950.00	4,275.00	5,170.00
116039* SRPU - Additional Location Time	unit-hr	240.00	350.00	470.00	370.00	495.00
116040* TMA Additional Discount - Cement/Acid	job	POR	POR	POR	POR	POR
<b>Foam Cementing</b>						
Initial 6 Hours On Location - Operating and Standby. Includes foam cementing unit, foam operator, backside manifold, adjustable choke, first 2 crossover nipples, foam generator, first two pressure transducers, flow meter and check valve.						
111321* Foamed Cement Unit - Base Charge	unit	7,690.00	8,200.00	9,225.00	9,740.00	10,250.00
111322* Foamed Cement Unit - Additional Location Time	unit-hr	310.00	360.00	410.00	385.00	440.00

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Auxiliary Cementing Equipment</b> Delivered to location. Equipment operator is additional when applicable.						
111163* Generator Rental	wk	POR	POR	POR	POR	POR
111164* Light Towers	wk	POR	POR	POR	POR	POR
111165* Heaters	wk	POR	POR	POR	POR	POR
111166* Dispatch Office / Trailer	mth	POR	POR	POR	POR	POR
111431* Rotating Plug Loading Cement Head	job	POR	POR	POR	POR	POR
111432 Top-Drive Cementing Head	job	520.00	645.00	795.00	675.00	835.00
111443 Flexible Hose	ea	380.00	475.00	595.00	500.00	625.00
111444 Stinger Pipe - per 100 ft (30 m)	ea	435.00	555.00	670.00	585.00	705.00
111446 Cement Diverter Tool per run	run	520.00	645.00	795.00	675.00	835.00
111469* Top-Drive Crossover	job	POR	POR	POR	POR	POR
112304* Cementing Iron Trailer or Skid	unit	POR	POR	POR	POR	POR

### Bulk Cement Services

Full return cartage, restocking fee and product charge will be applied when product cannot be restocked or reused. Full cartage and restocking fee will be applied when product has not been blended or can be reused. Any blended cement ordered and not used will be subject to full product charges and disposal fees.

### Handling

Applies to all materials handled, blended, mixed or restocked (including envirobags).

111480 Bulk Handling Service Charge	mt	100.00	120.00	150.00	125.00	160.00
111481 Bulk Minimum Handling Charge	job	750.00	900.00	1,110.00	945.00	1,165.00
111491 Bin Unloader (Cement Bazooka)	day	860.00	1,070.00	1,365.00	1,120.00	1,435.00
111492* Handling and Delivery Service Charge	mt	POR	POR	POR	POR	POR

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Delivery</b>						
Applies to all materials delivered or returned.						
111155* Bulk Cement Transport - Additional Unit	job	POR	POR	POR	POR	POR
111317* Cement Bulker Day Rate, Operating or Standby	unit-day	POR	POR	POR	POR	POR
111452* Winch Truck	hr	250.00	290.00	350.00	300.00	370.00
111478* Road Ban Bulk Haul	unit-day	1,150.00	1,515.00	1,850.00	1,595.00	1,945.00
111479* Bulk Delivery	mt-km	POR	POR	POR	POR	POR
111484 Bulk Delivery / Return Charge	mt-km	1.50	1.95	2.30	2.10	2.40
111485 Minimum Bulk Delivery and Return Charge	load	1,150.00	1,515.00	1,850.00	1,595.00	1,945.00
111489* Bulk Storage - Bin Cartage	hr	250.00	290.00	355.00	305.00	370.00
112362* Bulk Storage - Mega Silo Cartage	job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
<b>Additional Location Time - Bulk Transport</b>						
Delivery includes initial 6 hours on location (operating and standby) when performing a pumping operation.						
111351* 3 Axle Bulker - Additional Location Time	unit-hr	205.00	230.00	280.00	245.00	295.00
111352* 5 or 6 Axle Bulker - Additional Location Time	unit-hr	230.00	280.00	345.00	295.00	360.00
111353* B-Train or Super B - Additional Location Time	unit-hr	265.00	315.00	385.00	335.00	400.00
<b>Bulk Cement Equipment Rental</b>						
111160* Bulk Plant Mobilization/Demobilization	job	POR	POR	POR	POR	POR
111161* Seacan / Chemical Storage Rental	mth	POR	POR	POR	POR	POR
111250* Complete Bulk Plant Rental	mth	POR	POR	POR	POR	POR
111318* Bulk Storage - Laydown Rental Day Rate	unit-day	POR	POR	POR	POR	POR
111488* Bulk Storage - Bin Rental	job	570.00	710.00	895.00	750.00	940.00
111490* Bin Matting/Planks	unit	POR	POR	POR	POR	POR
111504* Bulk Storage - Laydown Rental Weekly	wk	POR	POR	POR	POR	POR
112305* Bulk Storage - Mega Silo Rental per job	job	1,285.00	1,615.00	2,025.00	1,695.00	2,130.00
112306* Bulk Storage - Mega Silo Weekly Rental	wk	1,285.00	1,615.00	2,025.00	1,695.00	2,130.00
112363* Bulk Storage - Bin Rental, Daily	day	570.00	710.00	895.00	750.00	940.00
112364* Bulk Storage - Bin Rental, Weekly	wk	570.00	710.00	895.00	750.00	940.00

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Cement Blends</b>							
<b>Neat Cements</b>							
113000	Class G Cement	mt	755.00	835.00	990.00	880.00	1,040.00
113001*	Class G Cement + Additives	mt	POR	POR	POR	POR	POR
113049	Class A Cement	mt	955.00	1,030.00	1,100.00	1,085.00	1,155.00
113050*	Class A Cement + Additives	mt	POR	POR	POR	POR	POR
<b>Pozzolan Cements</b>							
113002	50% Class G / 50% Poz (1-1-0 G)	mt	620.00	695.00	815.00	730.00	860.00
113003*	50% Class G / 50% Poz (1-1-0 G) + Additives	mt	POR	POR	POR	POR	POR
<b>SURFACEmix Cements</b>							
113004	Surflite Surface Casing Cement	mt	780.00	860.00	1,000.00	905.00	1,050.00
113005*	Surflite + Additives	mt	POR	POR	POR	POR	POR
113009	SSi Surface Casing Cement Blend	mt	760.00	840.00	955.00	885.00	1,005.00
113010*	SSi + Additives	mt	POR	POR	POR	POR	POR
113380	SURFACEmix LW PRO SL	mt	950.00	1,020.00	1,125.00	1,075.00	1,185.00
113381*	SURFACEmix LW PRO SL + Additives	mt	POR	POR	POR	POR	POR
113403	SURFACEmix PRO	mt	850.00	935.00	1,080.00	985.00	1,135.00
113404	SURFACEmix LW	mt	940.00	1,035.00	1,195.00	1,090.00	1,255.00
113405*	SURFACEmix LW + Additives	mt	POR	POR	POR	POR	POR
113406*	SURFACEmix SLW	mt	POR	POR	POR	POR	POR
113407*	SURFACEmix SLW + Additives	mt	POR	POR	POR	POR	POR
113408*	SURFACEmix PRO + Additives	mt	POR	POR	POR	POR	POR
113435*	SURFACEmix PRO SL + Additives	mt	POR	POR	POR	POR	POR
113436	SURFACEmix PRO SL	mt	820.00	905.00	1,045.00	955.00	1,100.00
116016	SURFACEmix LW PRO	mt	950.00	1,020.00	1,125.00	1,075.00	1,185.00
116114*	SURFACEmix LW PRO + Additives	mt	POR	POR	POR	POR	POR

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>PRODUCTIONmix Cements</b>							
113014	iPrime	mt	950.00	1,060.00	1,170.00	1,115.00	1,230.00
113015*	iPrime + Additives	mt	POR	POR	POR	POR	POR
113052	iGain	mt	825.00	915.00	1,010.00	965.00	1,065.00
113053*	iGain + Additives	mt	POR	POR	POR	POR	POR
113056	iBond	mt	1,085.00	1,195.00	1,320.00	1,255.00	1,390.00
113065*	iBond + Additives	mt	POR	POR	POR	POR	POR
113409	PRODUCTIONmix 1500 PRO	mt	975.00	1,045.00	1,150.00	1,100.00	1,210.00
113410*	PRODUCTIONmix 1500 PRO + Additives	mt	POR	POR	POR	POR	POR
116020	PRODUCTIONmix 1600	mt	1,025.00	1,130.00	1,300.00	1,200.00	1,365.00
116021*	PRODUCTIONmix 1600 + Additives	mt	POR	POR	POR	POR	POR
116417	PRODUCTIONmix EC	mt	970.00	1,035.00	1,160.00	1,090.00	1,220.00
116418*	PRODUCTIONmix EC + Additives	mt	POR	POR	POR	POR	POR
116419	PRODUCTIONmix THX	mt	1,315.00	1,425.00	1,565.00	1,500.00	1,645.00
116420*	PRODUCTIONmix THX + Additives	mt	POR	POR	POR	POR	POR
116421	PRODUCTIONmix 1725	mt	1,465.00	1,545.00	1,670.00	1,625.00	1,645.00
116422*	PRODUCTIONmix 1725 + Additives	mt	POR	POR	POR	POR	POR
116423	PRODUCTIONmix LW	mt	1,020.00	1,100.00	1,185.00	1,155.00	1,245.00
116424*	PRODUCTIONmix LW + Additives	mt	POR	POR	POR	POR	POR
116425	LDP-C-0317	mt	960.00	1,085.00	1,145.00	1,140.00	1,205.00
116426*	LDP-C-0317 + Additives	mt	POR	POR	POR	POR	POR
<b>EXPANDOmix Cements</b>							
113040	Expandomix	mt	970.00	1,055.00	1,190.00	1,110.00	1,250.00
113041*	Expandomix + Additives	mt	POR	POR	POR	POR	POR
113042	Expandomix LWL	mt	1,110.00	1,305.00	1,470.00	1,375.00	1,545.00
113043*	Expandomix LWL + Additives	mt	POR	POR	POR	POR	POR
113044	Expandomix HT	mt	1,490.00	1,615.00	1,805.00	1,700.00	1,900.00
113045*	Expandomix HT + Additives	mt	POR	POR	POR	POR	POR
116441	EXPANDOmix PRO HT	mt	1,295.00	1,415.00	1,495.00	1,490.00	1,570.00
116442*	EXPANDOmix PRO HT + Additives	mt	POR	POR	POR	POR	POR
116443	EXPANDOmix PRO LT	mt	1,150.00	1,275.00	1,350.00	1,340.00	1,420.00
116444*	EXPANDOmix PRO LT + Additives	mt	POR	POR	POR	POR	POR



## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>THERMAmix Cements</b>							
113030	Proteus Core Surface/Remedial Cement	mt	1,100.00	1,155.00	1,285.00	1,215.00	1,350.00
113031*	Proteus Core + Additives	mt	POR	POR	POR	POR	POR
113032	Proteus Pro Thermal Cement	mt	1,095.00	1,150.00	1,275.00	1,210.00	1,340.00
113033*	Proteus Pro + Additives	mt	POR	POR	POR	POR	POR
113034	Proteus LCS Thermal Lost Circulation Cement	mt	1,190.00	1,250.00	1,380.00	1,315.00	1,450.00
113035*	Proteus LCS + Additives	mt	POR	POR	POR	POR	POR
113036*	Proteus FM Thermal Foamed Cement	mt	POR	POR	POR	POR	POR
113037*	Proteus FM + Additives	mt	POR	POR	POR	POR	POR
113060	Thermal 40	mt	785.00	845.00	955.00	890.00	1,005.00
113061*	Thermal 40 + Additives	mt	POR	POR	POR	POR	POR
113062	Thermal 40 EXP	mt	970.00	1,035.00	1,160.00	1,090.00	1,220.00
113063*	Thermal 40 EXP + Additives	mt	POR	POR	POR	POR	POR
113318	LDP-C-0217 Thermal Lightweight Cement	mt	6,460.00	6,850.00	7,230.00	7,195.00	7,595.00
113319*	LDP-C-0217 Thermal Lightweight Cement + Adds	mt	POR	POR	POR	POR	POR
114207	THERMAmix SLW	mt	2,330.00	2,520.00	2,725.00	2,650.00	2,865.00
114212*	THERMAmix SLW + Additives	mt	POR	POR	POR	POR	POR
114717	THERMAmix EC	mt	885.00	970.00	1,070.00	1,020.00	1,125.00
114718*	THERMAmix EC + Additives	mt	POR	POR	POR	POR	POR
116414	THERMAmix LT	mt	1,480.00	1,595.00	1,715.00	1,675.00	1,805.00
116415*	THERMAmix LT + Additives	mt	POR	POR	POR	POR	POR
<b>LITEmix Cements</b>							
113026	ThixLite HT	mt	1,315.00	1,425.00	1,565.00	1,500.00	1,645.00
113027*	Thixlite HT + Additives	mt	POR	POR	POR	POR	POR
114707	LITEmix EC Cement	mt	1,055.00	1,165.00	1,250.00	1,225.00	1,315.00
114708*	LITEmix EC + Additives	mt	POR	POR	POR	POR	POR
114709	LITEmix 1325	mt	1,375.00	1,545.00	1,695.00	1,625.00	1,780.00
114710*	LITEmix 1325 + Additives	mt	POR	POR	POR	POR	POR
114715	LITEmix 1400	mt	1,160.00	1,320.00	1,465.00	1,390.00	1,540.00
114716*	LITEmix 1400 + Additives	mt	POR	POR	POR	POR	POR

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>SUPERLITEmix Cements</b>						
113083 Superlite 13	mt	2,650.00	2,850.00	2,925.00	2,995.00	3,075.00
113085* Superlite 13 + Additives	mt	POR	POR	POR	POR	POR
113087 SUPERLITEmix PRO	mt	3,870.00	4,280.00	4,760.00	4,495.00	4,995.00
113107 SUPERLITEmix PRO HT	mt	4,995.00	5,550.00	6,220.00	5,830.00	6,535.00
114711 SUPERLITEmix 1160	mt	4,195.00	4,675.00	5,350.00	4,910.00	5,155.00
114712* SUPERLITEmix 1160 + Additives	mt	POR	POR	POR	POR	POR
116115* SUPERLITEmix PRO + Additives	mt	POR	POR	POR	POR	POR
116116* SUPERLITEmix PRO HT + Additives	mt	POR	POR	POR	POR	POR
116445 SUPERLITEmix 1100X	mt	6,625.00	6,990.00	7,375.00	7,340.00	7,745.00
116446* SUPERLITEmix 1100X + Additives	mt	POR	POR	POR	POR	POR
<b>REMEDIALmix Cements</b>						
113070 LCS 1600	mt	1,990.00	2,130.00	2,335.00	2,240.00	2,455.00
113071* LCS 1600 + Additives	mt	POR	POR	POR	POR	POR
113072 LCS 1820	mt	1,140.00	1,240.00	1,380.00	1,305.00	1,450.00
113073* LCS 1820 + Additives	mt	POR	POR	POR	POR	POR
113117 SanSeal	mt	8,365.00	8,600.00	8,760.00	9,030.00	9,200.00
113118* SanSeal + Additives	mt	POR	POR	POR	POR	POR
113119 SanSeal HT	mt	8,365.00	8,600.00	8,760.00	9,030.00	9,200.00
113120* SanSeal HT + Additives	mt	POR	POR	POR	POR	POR

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Specialty Cements</b>						
113074 RAS II Right Angle Set Cement	mt	2,040.00	2,125.00	2,185.00	2,235.00	2,295.00
113077* RAS II + Additives	mt	POR	POR	POR	POR	POR
113314 ASC IV Acid Soluble Cement	mt	1,535.00	1,650.00	1,775.00	1,735.00	1,865.00
113315* ASC IV + Additives	mt	POR	POR	POR	POR	POR
113316* LDP-C-0117 Ultra Lightweight Thermal Cement	mt	POR	POR	POR	POR	POR
113317* LDP-C-0117 Ultra Lightweight Thermal Cement + Additives	mt	POR	POR	POR	POR	POR
113411* GlacialMix Low Temperature Blend	mt	POR	POR	POR	POR	POR
113412* GlacialMix + Additives	mt	POR	POR	POR	POR	POR
113426* Ciment Fondue	mt	POR	POR	POR	POR	POR
113427* Ciment Fondue + Additives	mt	POR	POR	POR	POR	POR
116117 LDP-C-0516 Thermal Thixotropic Slurry	mt	1,790.00	1,885.00	2,025.00	1,980.00	2,130.00
116124* LDP-C-0516 Thermal Thixotropic Slurry + Additives	mt	POR	POR	POR	POR	POR
<b>Cement Chemicals</b>						
<b>Dispersants</b>						
113160 CFR Cement Dispersant	kg	22.00	27.00	34.00	29.00	36.00
113161 CFR-2 Cement Dispersant	kg	23.00	27.00	35.00	29.00	37.00
113163 CFR-5 Cement Dispersant	kg	100.00	115.00	130.00	121.00	137.00
113165 CFR-15 Cement Dispersant	kg	100.00	115.00	130.00	121.00	137.00
<b>Fluid Loss Additives</b>						
113131 CFL-2 Cement Fluid Loss Additive	kg	58.00	72.00	91.00	76.00	96.00
113132 CFL-3 Cement Ultra-Low Fluid Loss Additive	kg	67.00	83.00	103.00	88.00	109.00
113133 CFL-3L Liquid Cement Fluid Loss Additive	l	61.00	76.00	96.00	80.00	101.00
113134 CFL-4 Cement Fluid Loss Additive	kg	87.00	110.00	136.00	116.00	143.00
113135 CFL-6 Cement Fluid Loss Additive	kg	60.00	65.00	72.00	69.00	76.00
113136 CFL-7 Cement Fluid Loss and Gas Migration Additive	kg	94.50	120.75	147.00	126.00	153.30
113137 CFL-8 Cement Fluid Loss Additive	kg	112.50	127.20	142.50	133.60	149.70
113138 CFL-10 Cement Fluid Loss Additive	kg	64.00	66.25	68.90	69.60	72.50
113141 CFL-14 Cement Fluid Loss Additive	kg	87.00	110.00	136.00	116.00	143.00

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Anti-Settling Additives</b>						
113139 GSS-1, Gel Slurry Stabilizer	kg	6.30	7.90	9.80	8.30	11.00
113140 FWC-2 Fluid Loss and Free Water Control Additive	kg	11.30	15.00	19.00	15.00	20.00
113414 ASM-3, Anti-Setting Material	kg	55.00	69.00	84.00	72.20	90.50
113415 ASM-4, Anti-Setting Material	kg	91.00	114.00	144.00	120.00	152.00
113417 ASM-5, Anti-Setting Material	kg	70.00	87.00	110.00	92.00	116.00
114268 ASM-6, Anti-Settling Material	kg	59.00	66.00	75.00	69.50	79.00
<b>Accelerators</b>						
113101 CaCl <sub>2</sub> - Calcium Chloride Cement Accelerator	kg	3.50	4.30	5.50	4.60	5.80
113103 NaCl (Fine Salt) Cement Accelerator	kg	2.55	3.20	4.00	3.40	4.20
113105 KCl - Potassium Chloride	kg	5.60	5.95	6.30	6.10	6.55
113106* Sodium Silicate - Cement Accelerator	l	POR	POR	POR	POR	POR
113301 SCA-1 Low Temperature Cement Accelerator	kg	2.80	3.45	4.30	3.65	4.55
113305 SCA-5 Cement Accelerator	kg	2.60	2.80	3.10	3.00	3.25
113306 SCA-6 Cement Accelerator / Free Water Control Additive	kg	6.90	8.60	10.70	9.10	11.30
113307 SCA-7 Light Weight Cement Accelerator	kg	2.25	2.75	3.45	2.90	3.65
<b>Retarders</b>						
113110 LTR Low Temperature Retarder	kg	10.30	12.90	17.00	13.60	17.90
113113 LTR-3 Low Temperature Retarder-3	kg	17.50	18.30	19.35	19.30	20.40
113115 HTR High Temperature Cement Retarder	kg	25.20	30.45	38.85	32.55	40.95
113122 QSR-2 Retarder - Right Angle Set Cement	kg	22.75	28.25	33.50	29.75	37.50
113127 MCR-7 Cement Retarder	kg	8.90	9.25	9.85	9.80	10.40
113128 MCR-5 Cement Retarder	kg	7.70	8.25	8.80	8.60	9.10
113129 HTR-2 High Temperature Cement Retarder	kg	28.00	36.00	46.00	38.00	49.00
113142 HTR-3 High Temperature Cement Retarder	kg	68.00	86.00	108.00	91.00	114.00
113143 HTR-3A High Temperature Cement Retarder Intensifier for HTR-3	kg	47.00	60.00	76.00	63.00	80.00

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Well Integrity Enhancers</b>						
113166* L-20P, Latex Powder	kg	POR	POR	POR	POR	POR
113220 SPC-2 Cement Bond Enhancer	kg	99.00	128.00	157.00	135.00	165.00
113224 EA-1, Expansion Agent	kg	9.40	11.60	14.50	13.00	16.00
113225 EA-3, Expansion Agent	kg	9.40	11.60	14.50	13.00	16.00
113228 GCA-1 Gas Migration Control Additive	kg	65.00	80.00	99.00	84.00	104.00
<b>Density Control Materials</b>						
113230 Barite Cement Density Control Additive	kg	2.70	3.15	3.75	3.35	3.95
113231 Bentonite Gel Density Control Additive	kg	1.60	2.00	2.40	2.10	2.40
113232* Hematite Cement Density Control Additive	kg	POR	POR	POR	POR	POR
113416 CDM-4 Mid Strength Density Modifier	kg	58.70	64.00	69.15	67.50	73.00
113418* CDM-2 Low Strength Density Modifier	kg	POR	POR	POR	POR	POR
113419* CDM-5 Mid Strength Density Modifier	kg	POR	POR	POR	POR	POR
113420 CDM-6 Mid Strength Density Modifier	kg	30.20	32.95	35.60	34.60	37.40
113421* CDM-10 High Strength Density Modifier	kg	POR	POR	POR	POR	POR
113422* CDM-C Cement Extender	kg	POR	POR	POR	POR	POR



## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Lost Circulation Materials</b>							
113237	LCG-1 Lost Circulation Particulate, 40 mesh CaCO <sub>3</sub>	kg	2.80	3.45	4.30	3.65	4.55
113238	LCG-2 Lost Circulation Particulate, 325 mesh CaCO <sub>3</sub>	kg	2.80	3.45	4.30	3.65	4.55
113239	LCG-4 Lost Circulation Particulate, 5 mesh CaCO <sub>3</sub>	kg	2.80	3.45	4.30	3.65	4.55
113240	LCG-5 Lost Circulation Particulate, 20 mesh CaCO <sub>3</sub>	kg	2.80	3.45	4.30	3.65	4.55
113241	LCG-8 Lost Circulation Particulate, 40/70 mesh sand	kg	1.00	1.10	1.20	1.15	1.25
113242	LCG-12 Lost Circulation Particulate, 100 mesh Sand	kg	1.00	1.10	1.20	1.15	1.25
113243	LCG-13 Lost Circulation Particulate, 30/50 Mesh Sand	kg	1.00	1.10	1.20	1.15	1.25
113247	LCL-7 Lost Circulation Material, Polyflake	kg	14.00	19.00	23.00	20.00	25.00
113248	LCC-1 Lost Circulation Composite	kg	6.30	7.90	9.80	8.30	10.30
113249	LCF-6 Lost Circulation Fibers	kg	70.00	84.00	100.80	88.20	105.85
113250	LCF-7 Lost Circulation Fibers	kg	87.00	103.00	122.00	108.50	128.50
113251	LCC-9 Solid Lost Circulation Additive - SAGD Wells	kg	4.00	5.00	6.25	5.25	6.55
113252	LCL-10 Lost Circulation Material	kg	19.60	22.55	25.95	23.70	27.25
<b>Annular Corrosion Inhibitors</b>							
114194	ACW-4 Completion Fluid Corrosion Inhibitor	l	28.00	32.00	42.00	35.00	45.00

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Miscellaneous Materials</b>						
113266* Sugar - Cement Retarder	kg	POR	POR	POR	POR	POR
113295 Silica Flour, 325 mesh	kg	1.40	1.80	2.15	1.90	2.30
113296 Silica Flour, 200 mesh	kg	1.40	1.80	2.15	1.90	2.30
113297 12/20 Round Sand	kg	1.70	1.80	1.90	1.90	2.00
113298 WELLBLOCK 'T' Gel Plug	m3	4,100.00	5,150.00	6,400.00	5,450.00	6,720.00
113423 Graphite Cement Additive	kg	8.65	10.85	13.55	11.40	14.25
113449 Bio-Clear 2000 Biocide	l	55.00	68.00	78.50	76.00	85.00
113500 FS-1 Foamed Cement Stabilizer	l	24.25	29.10	34.95	30.60	36.70
114029 Buffer F Spent Acid pH Control	l	14.70	19.60	21.80	20.70	22.90
114070 S-101 Surfactant Based Coupling Agent	l	24.00	28.30	34.80	27.20	37.00
114127 SCC-1L Organic Cationic Clay Control Additive	l	16.40	24.00	30.50	21.80	27.20
114128 SCC-2L Long Term Clay Stabilizer (low pH, non-foamed)	l	20.70	26.10	32.70	28.30	34.80
114200 BE-1 Biocide	kg	456.60	570.70	706.60	597.90	744.60
114202 B-1008 Biocide	l	45.70	56.60	65.30	63.10	70.70
114291 Breaker - F Solid Enzyme Breaker	kg	83.00	103.00	129.00	110.00	135.00
114295 Breaker - O (Solution)	l	4.80	6.00	7.50	6.40	8.00
114296 Breaker - O (Concentrate) Oxidizing Breaker	kg	47.90	59.80	75.00	63.10	79.40
114302 Breaker - 1Z (Concentrate) Enzyme Breaker	l	130.50	164.20	196.80	174.00	206.60
116416 WIE-1	kg	87.00	98.50	111.50	103.50	117.50

### Preflushes and Spacers

<b>Blends</b>						
113180 Visweep	m3	725.00	905.00	1,150.00	950.00	1,210.00
113181 Water Wet Max	m3	1,200.00	1,355.00	1,530.00	1,425.00	1,605.00
113190 Invert Spacer	m3	815.00	1,015.00	1,300.00	1,065.00	1,365.00
113195 Mud Flush	m3	470.00	580.00	725.00	609.00	765.00
113197 Indicator Dye	m3	145.00	186.00	240.00	196.00	252.00
113204* Wellseal G	m3	POR	POR	POR	POR	POR
113205 Wellseal	m3	815.00	1,015.00	1,300.00	1,070.00	1,365.00
113217 RP-20 Cement Preflush	m3	1,620.00	1,865.00	2,130.00	1,960.00	2,240.00
113424 One Part Spacer	m3	1,200.00	1,440.00	1,730.00	1,515.00	1,820.00
115005* BORAJel	m3	POR	POR	POR	POR	POR

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Additives</b>							
113185	WWS-1L Water Based Preflush/Spacer Surfactant	l	35.90	41.40	49.00	43.50	52.20
113186	WWS-2L Oil Based Mud Preflush/Spacer Surfactant	l	38.00	48.00	58.00	51.00	61.00
113187	WWS-3L Mud Preflush/Spacer Mutual Solvent and Water Wetting Agent	l	25.00	32.00	39.00	34.00	41.00
113188	WWS-4L Preflush/Spacer Surfactant	l	35.90	37.20	39.10	39.10	41.10
113189	WG-6P Preflush/ Spacer/Kill Fluid Water Gellant	kg	68.00	73.80	79.70	77.50	83.50
113200	SAPP Water Based Mud Spacer/Flush Additive	kg	20.00	24.00	29.00	26.00	31.00
113206	WG-3L Preflush/Spacer/Kill Fluid Water Gellant	l	74.00	93.00	115.00	98.00	121.00
113207	WG-4P Preflush/Spacer/Kill Fluid Water Gellant	kg	95.00	117.00	147.00	123.00	155.00
113210	WG-2BL Water Gellant	l	53.50	55.65	58.75	58.50	61.70
113216	IPG-4 Hydrocarbon Preflush/Spacer Gellant	l	46.00	56.00	68.00	59.00	72.00
114369	BX-1LB Borajel Crosslinker	l	20.70	30.50	38.10	27.20	33.70
114383	WG-6ZL Water Gellant	l	74.00	93.00	115.00	98.00	121.00
113203	WG-1L Preflush/Spacer/Kill Fluid Water Gellant	l	76.00	95.00	117.00	100.00	123.00
116252	SSL -2 Sodium Silicate Liquid	l	8.10	9.35	10.70	9.90	11.30

### Cementing Plugs

<b>Wood Plugs</b>							
113370	114.3 mm (4.5") Wooden Cementing Plug	plug	210.00	225.00	240.00	240.00	255.00
113371	139.7 mm (5.5") Wooden Cementing Plug	plug	190.00	205.00	220.00	220.00	235.00
113372	177.8 mm (7.0") Wooden Cementing Plug	plug	225.00	240.00	260.00	255.00	275.00
113373	219.1 mm (8.625") Wooden Cementing Plug	plug	375.00	400.00	430.00	420.00	455.00
113374	244.5 mm (9.625") Wooden Cementing Plug	plug	425.00	455.00	485.00	480.00	510.00
113375	273.1 mm (10.75") Wooden Cementing Plug	plug	440.00	470.00	505.00	495.00	535.00
113376	298.5 mm (11.75") Wooden Cementing Plug	plug	585.00	625.00	665.00	660.00	700.00
113377	339.7 mm (13.375") Wooden Cementing Plug	plug	760.00	810.00	865.00	855.00	910.00
113378	406.4 mm (16.0") Wooden Cementing Plug	plug	2,295.00	2,445.00	2,605.00	2,570.00	2,740.00
113379	473.1 mm (18.625") Wooden Cementing Plug	plug	2,785.00	2,965.00	3,155.00	3,115.00	3,315.00

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Solid Rubber Plugs</b>							
113349	60.3 mm (2.375") Rubber Cementing Plug	plug	143.00	168.00	194.00	177.00	204.00
113350	73.0 mm (2.875") Rubber Cementing Plug	plug	140.00	177.00	209.00	186.00	220.00
113351	88.9 mm (3.5") Rubber Cementing Plug	plug	145.00	182.00	235.00	192.00	247.00
<b>Specialty Plugs</b>							
116399*	Third Party Cementing Plugs	plug	POR	POR	POR	POR	POR
<b>Combination Plugs</b>							
116400	114.3 mm - 139.7 mm (4.5" - 5.5") Combination Top Cementing Plug	plug	815.00	860.00	900.00	905.00	945.00
116401	114.3 mm - 139.7 mm (4.5" - 5.5") Combination Bottom Cementing Plug	plug	1,840.00	1,945.00	2,035.00	2,045.00	2,140.00
<b>High Efficiency Drillable Wiper Plugs</b>							
116366*	114.3mm (4.5") High Efficiency, Drillable Top Cementing Plug	plug	POR	POR	POR	POR	POR
116368*	139.7mm (5.5") High Efficiency, Drillable Top Cementing Plug	plug	POR	POR	POR	POR	POR
116377*	114.3mm (4.5") High Efficiency, Drillable Bottom Cementing Plug	plug	POR	POR	POR	POR	POR
116379*	139.7mm (5.5") High Efficiency, Drillable Bottom Cementing Plug	plug	POR	POR	POR	POR	POR

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Rubber PDC Drillable Plugs</b>							
116275	114.3 mm (4.5") Rubber PDC Drillable Top Cementing Plug	plug	395.00	525.00	700.00	550.00	740.00
116276	127.0 mm (5.0") Rubber PDC Drillable Top Cementing Plug	plug	515.00	590.00	665.00	620.00	700.00
116277	139.7 mm (5.5") Rubber PDC Drillable Top Cementing Plug	plug	495.00	625.00	800.00	660.00	840.00
116278	177.8 mm (7.0") Rubber PDC Drillable Top Cementing Plug	plug	595.00	745.00	930.00	783.00	980.00
116279	193.8 mm (7.625") Rubber PDC Drillable Top Cementing Plug	plug	475.00	550.00	620.00	580.00	655.00
116280	219.1 mm (8.625") Rubber PDC Drillable Top Cementing Plug	plug	565.00	710.00	885.00	746.00	930.00
116281	244.5mm (9.625") Rubber PDC Drillable Top Cementing Plug	plug	625.00	780.00	965.00	819.00	1,015.00
116282	273.1 mm (10.75") Rubber PDC Drillable Top Cementing Plug	plug	720.00	890.00	1,125.00	935.00	1,185.00
116283	339.7 mm (13.375") Rubber PDC Drillable Top Cementing Plug	plug	1,875.00	1,995.00	2,125.00	2,095.00	2,235.00
116284	114.3 mm (4.5") Rubber PDC Drillable Bottom Cementing Plug	plug	395.00	525.00	700.00	550.00	740.00
116285	127.0 mm (5.0") Rubber PDC Drillable Bottom Cementing Plug	plug	515.00	590.00	665.00	620.00	700.00
116286	139.7 mm (5.5") Rubber PDC Drillable Bottom Cementing Plug	plug	495.00	625.00	800.00	660.00	840.00
116287	177.8 mm (7.0") Rubber PDC Drillable Bottom Cementing Plug	plug	595.00	745.00	930.00	783.00	980.00
116288	193.8 mm (7.625") Rubber PDC Drillable Bottom Cementing Plug	plug	475.00	550.00	620.00	580.00	655.00
116289	219.1 mm (8.625") Rubber PDC Drillable Bottom Cementing Plug	plug	565.00	710.00	885.00	746.00	930.00
116290	244.5mm (9.625") Rubber PDC Drillable Bottom Cementing Plug	plug	625.00	780.00	965.00	819.00	1,015.00
116291	273.1 mm (10.75") Rubber PDC Drillable Bottom Cementing Plug	plug	720.00	890.00	1,125.00	935.00	1,185.00
116292	339.7 mm (13.375") Rubber PDC Drillable Bottom Cementing Plug	plug	1,875.00	1,995.00	2,125.00	2,095.00	2,235.00
116322	298.5 mm (11.75") Rubber PDC Drillable Top Cementing Plug	plug	2,455.00	2,585.00	2,695.00	2,715.00	2,830.00
116324*	406.4 mm (16.0") Rubber PDC Drillable Top Cementing Plug	plug	POR	POR	POR	POR	POR
116325*	473.1 mm (18.625") Rubber PDC Drillable Top Cementing Plug	plug	POR	POR	POR	POR	POR

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Rubber PDC Drillable Plugs</b>							
116326*	508.0 mm (20.0") Rubber PDC Drillable Top Cementing Plug	plug	POR	POR	POR	POR	POR
116337	298.5 mm (11.75") Rubber PDC Drillable Bottom Cementing Plug	plug	2,455.00	2,585.00	2,695.00	2,715.00	2,830.00
116339*	406.4 mm (16.0") Rubber PDC Drillable Bottom Cementing Plug	plug	POR	POR	POR	POR	POR
116340*	473.1 mm (18.625") Rubber PDC Drillable Bottom Cementing Plug	plug	POR	POR	POR	POR	POR
116341*	508.0 mm (20.0") Rubber PDC Drillable Bottom Cementing Plug	plug	POR	POR	POR	POR	POR
<b>Well Control Operations</b>							
Pumping Equipment is on location when well control has been lost, surface pressure is not controlled, or well is secure but surface pressure remains on Blow Out Preventors. Initial 6 Hours On Location - Operating and Standby							
111345*	Well Control - Twin Cement Pumping Unit - Base Charge	unit	8,775.00	10,600.00	13,075.00	11,150.00	13,925.00
111346*	Well Control - Twin Pump - Additional Location Time	hr	POR	POR	POR	POR	POR
111347*	Well Control - Pressure in Excess of 5000 psi (35 MPa)	MPa	225.00	250.00	300.00	275.00	325.00
<b>Abrasive Jetting Services</b>							
<b>Abrasive Jetting Equipment</b>							
111850	Jet Cutting Stage Tool Rental - 2 Jets, per tool	tool	1,300.00	1,500.00	1,800.00	1,575.00	1,890.00
111851	Jet Cutting Stage Tool Rental - 3 Jets, per tool	tool	1,350.00	1,600.00	1,850.00	1,680.00	1,945.00
111852	Jet Cutting Stage Tool - Additional Jets, per jet	ea	435.00	510.00	625.00	535.00	655.00
111853	Jet Cutting Tool Rental, post job, per tool	tool	90.00	100.00	115.00	105.00	120.00
111854	Abrasive Jet Sand Blending Hopper	job	505.00	575.00	640.00	605.00	670.00
111855	Tubing Rotator - Horizontal Jet Cutting Tool	job	2,300.00	2,875.00	3,500.00	3,000.00	3,675.00
111857	TMT-1 - Vertical Jet Cutting Tool	job	2,300.00	2,875.00	3,500.00	3,000.00	3,675.00
111858	Pack-Off, Work Spool - Abrasive Jetting Products	job	545.00	675.00	810.00	710.00	850.00
112300*	Abrasive Jet Sand Transport - Additional Location Time	unit-hr	205.00	230.00	280.00	245.00	295.00

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Abrasive Jetting Products</b>							
112301	Bulk Abrasive Jet Sand Cartage	km	7.10	8.80	10.90	9.30	11.50
112302	Abrasive Jet Sand Cartage - minimum charge	job	1,150.00	1,515.00	1,850.00	1,595.00	1,945.00
114375	SANJET Sand	kg	1.35	1.50	1.55	1.60	1.70
<b>Acidizing Services</b>							
<b>Acidizing - Base charges</b>							
Initial 6 Hours On Location - Operating or Standby							
111510	Acid Pump Base Charge - 0 ft to 3,000 ft (0 - 1000 m)	unit	3,750.00	4,425.00	5,175.00	4,650.00	5,440.00
111511	Acid Pump Base Charge - 3,001 ft to 6,000 ft (1001 - 2000 m)	unit	4,425.00	5,175.00	6,075.00	5,440.00	6,385.00
111512	Acid Pump Base Charge - 6,001 ft to 9,000 ft (2001 - 3000 m)	unit	5,175.00	6,075.00	7,125.00	6,386.00	7,485.00
111513	Acid Pump Base Charge - 9,001 ft to 12,000 ft (3001 - 4000 m)	unit	6,075.00	7,125.00	8,475.00	7,485.00	8,910.00
111514	Acid Pump Base Charge - 12,001 ft to 15,000 ft (4001 - 5000 m)	unit	7,125.00	8,475.00	10,050.00	8,910.00	10,555.00
111515	Acid Pump Base Charge - Over 15,000 ft (5000 m)	unit	8,475.00	10,050.00	12,000.00	10,550.00	12,600.00
111516*	High Rate Acid Trailer Pumper Surcharge	job	POR	POR	POR	POR	POR
112347	Pumping Through Third Party Coil Base Charge, 0 - 20.9 MPa	unit	7,125.00	7,850.00	8,650.00	9,525.00	10,500.00
112348	Pumping Through Third Party Coil Base Charge, 21 - 35 MPa	unit	7,850.00	8,650.00	9,525.00	10,500.00	11,550.00
<b>Acidizing - Additional Location Time</b>							
After 6 Hours On Location - Operating and Standby							
111295*	Pressure in Excess of 5000 psi (35 MPa) - Acid Pump, per MPa	MPa	225.00	250.00	300.00	275.00	325.00
111390*	Acid Pump, Additional Hours - Standby per pump	unit-hr	POR	POR	POR	POR	POR
112345*	Acid Pump Unit - Additional Location Time	unit-hr	520.00	640.00	795.00	675.00	835.00
<b>Acidizing Equipment Rental</b>							
111466	Fluid Transfer Pump Rental - Acidizing	job	365.00	452.00	560.00	473.00	587.00
111467	Selective Acid Hose	job	1,536.00	1,846.00	2,215.00	1,941.00	2,322.00

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Bulk Acid Services</b>						
111468* Third Party Loading Charge - Acid	job	321.00	321.00	321.00	337.00	337.00
<b>Acidizing Fluids and Additives</b>						
<b>Acid - Hydrochloric</b>						
113999 Hydrochloric Acid, 35%	l	2.83	2.94	3.46	3.11	3.63
114000 Hydrochloric Acid, 32%	l	2.33	2.44	2.96	2.61	3.13
114001 Hydrochloric Acid, 28%	l	1.82	2.05	2.39	2.16	2.56
114002 Hydrochloric Acid, 20%	l	1.25	1.42	1.65	1.54	1.76
114003 Hydrochloric Acid, 15%	l	1.02	1.14	1.31	1.19	1.42
114004 Hydrochloric Acid, 10%	l	0.68	0.85	0.97	0.91	1.02
114005 Hydrochloric Acid, 7.5%	l	0.57	0.68	0.85	0.74	0.91
114006 Hydrochloric Acid, 5%	l	0.51	0.57	0.68	0.63	0.74
114017* HCl Blend - 15%	m3	POR	POR	POR	POR	POR
<b>Acids - Others</b>						
114010 Acetic Acid, 60%	l	9.10	10.40	11.60	10.90	12.20
114015 Formic Acid, 10%	l	2.20	2.60	3.00	2.80	3.10
114016 Formic Acid, 85%	l	15.90	21.20	23.60	22.40	24.80
114020* Acid Spearhead	m3	POR	POR	POR	POR	POR
114135 MS-1 Mutual Solvent	l	12.80	16.40	19.60	16.40	20.60
114182* Aqueous Ammonia	l	POR	POR	POR	POR	POR
114231* Xylene	l	POR	POR	POR	POR	POR
114234 StimSol 200	l	10.80	13.50	16.90	14.30	17.80
114236* Toluene	l	POR	POR	POR	POR	POR
114237* Stim-Wett Max I Low Temperature Water Wetting Solvent Package	l	POR	POR	POR	POR	POR
114238* Stim-Wett Max II Mid Temperature Water Wetting Solvent Package	l	POR	POR	POR	POR	POR
114239* Stim-Wett Max III High Temperature Water Wetting Solvent Package	l	POR	POR	POR	POR	POR
114340 Ammonium Bifluoride	kg	28.00	30.00	37.00	32.00	39.00
114341 Ammonium Chloride	kg	7.80	9.10	10.40	9.60	10.90



## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Acids - Self Diverting</b>						
113402* Self Diverting Acid	I	POR	POR	POR	POR	POR
<b>Alcohols</b>						
114209* Methyl Alcohol (drum)	I	POR	POR	POR	POR	POR
114210* Methyl Alcohol (bulk)	I	POR	POR	POR	POR	POR
114211 Isopropyl Alcohol	I	11.60	14.40	18.00	15.20	19.00
<b>Anti-Sludge Additives</b>						
114042 ASA-3W Anti-Sludge Agent	I	19.60	24.00	27.20	25.00	29.40
<b>Corrosion Inhibitors</b>						
114021* AI-4 Acid Corrosion Inhibitor - Low Temperature	I	50.00	60.00	72.00	63.00	76.00
114023 AI-7 Acid Corrosion Inhibitor - Environmental	I	50.00	60.00	72.00	63.00	76.00
114024 AI-8 Acid Corrosion Inhibitor - High Temperature	I	68.00	77.00	86.00	83.00	92.00
114025* HTAI-4 High Temperature Corrosion Inhibitor Intensifier	I	POR	POR	POR	POR	POR
114034 HTAI-6 High Temperature Corrosion Inhibitor Intensifier for AI-8	I	24.00	27.20	32.70	28.30	33.70
114035 HTAI-8 High Temperature Corrosion Inhibitor Intensifier	I	29.50	36.50	42.40	40.00	49.50
114196 SSCI (CT External H2S crack inhibitor)	I	30.00	37.00	46.00	39.00	48.00
<b>Acid Defoamers</b>						
113255 DF-1 Anti-foamer (Water and Acids)	I	45.70	54.40	65.30	59.80	70.70
<b>Demulsifiers</b>						
114031 D-2 Demulsifier - Multipurpose	I	32.70	38.10	44.60	40.30	47.90
116008 D-4 Demulsifier - Low API Oils	I	33.40	38.90	45.60	41.20	48.90

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Diverter</b>							
113104	NaCl (Rock Salt) Diverting Agent	kg	2.90	3.60	5.20	3.80	5.50
113398	DA-1 Acid Diverter	l	39.15	42.30	47.40	44.50	50.00
113399	DG-1 Acid Diverter	l	29.20	31.55	35.05	33.50	37.00
113401	Acid Soluble Plug, CaCO <sub>3</sub>	kg	2.90	3.60	4.50	4.00	5.00
114215	Napthalene Flakes	kg	24.00	27.20	32.70	29.40	34.80
114216	CaCO <sub>3</sub> - Calcium Carbonate	kg	2.80	3.45	4.30	3.65	4.55
114218	Benzoic Acid (oil soluble) Diverting Agent	kg	17.40	21.80	25.00	22.90	27.20
114220	OWDA (Oil Well Diverting Agent)	kg	53.30	65.30	81.60	68.50	85.90
114221*	Diverting Agent, Low Density 0.9 SG	kg	POR	POR	POR	POR	POR
114222*	Diverting Agent, Mid Density 1.1 SG	kg	POR	POR	POR	POR	POR
114223*	Diverting Agent, High Density 1.3 SG	kg	POR	POR	POR	POR	POR
114224	BioBalls, 1.1 SG (Soluble)	ball	39.00	47.00	54.00	50.00	57.00
114225	Perf Ball Sealers, Low Density 0.9 S.G.	ball	12.00	15.00	20.00	17.00	22.00
114226	Perf Ball Sealers, Mid Density 1.1 S.G.	ball	12.00	15.00	20.00	17.00	22.00
114227	Perf Ball Sealers, High Density 1.3 S.G.	ball	12.00	15.00	20.00	17.00	22.00
116255	BioBalls MR, 1.18 SG (Soluble)	ball	39.00	47.00	54.00	50.00	57.00
<b>Foaming Agents</b>							
113271	FA-1, Water Foamer	l	26.10	31.60	39.20	33.70	41.40
113273	FA-3 Water Foamer	l	26.10	31.60	39.20	33.70	41.40
114050	CAS-1 CO <sub>2</sub> Assisted Surfactant	l	33.70	41.40	52.20	43.50	55.50
114051	EF-1 Environmental Frac Fluid Foamer	l	27.20	32.70	40.30	34.80	42.40
<b>Iron Control Agents</b>							
114106	ICA-7 Iron Control Additive - Mineral Acids	kg	92.90	107.20	122.90	114.30	128.60
114108	ICA-8 Two Part Iron Sequestering Agent	l	38.10	43.50	49.00	45.70	52.20
114110	ICA-8C Two Part Iron Sequestering Catalyst	kg	32.70	38.10	43.50	41.40	49.00
<b>Iron Sequestering Agents</b>							
114090	ISA-1 Iron Sequestering Agent	kg	10.40	12.80	16.40	13.40	16.40

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Neutralizing Agents</b>						
113270* Caustic Soda Neutralizing Agent	kg	POR	POR	POR	POR	POR
114180 Soda Ash - Acid Neutralizing Agent	kg	3.40	4.10	4.90	4.30	5.20
114181 Magnesium Oxide Neutralizer	kg	4.60	5.40	6.50	5.70	6.80
114197 HSSW-1, H2S Scavenger	l	18.00	22.00	28.00	23.00	29.00
<b>Scale Removers and Inhibitors</b>						
114273 SI-14W Sulfate/Carbonate Scale Inhibitor	l	27.20	32.70	40.30	34.80	42.40
114284 SR-1, Calcium Based Scale Remover	l	12.00	15.00	19.60	16.40	21.80
<b>Cement Defoamers</b>						
113262 CDF-3L Liquid Cement Defoamer	l	52.00	65.00	81.00	69.00	85.00
113263 CDF-4P Powdered Cement Defoamer	kg	28.00	32.00	38.00	34.00	40.00
113267 CDF-6P Powdered Cement Defoamer	kg	28.00	32.00	38.00	34.00	40.00



Sanjel Energy Services Inc. General





## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Personnel</b>						
Personnel and related travel charges apply when additional personnel are required due to job complexity or length.						
111157* Project Coordinator - daily	day	1,350.00	1,600.00	1,850.00	1,680.00	1,945.00
111158* Project Coordinator - weekly	wk	6,750.00	8,000.00	9,250.00	8,400.00	9,725.00
111159* Project Coordinator - monthly	moth	POR	POR	POR	POR	POR
111162* Bulk Plant Operators	wk	4,800.00	5,800.00	6,650.00	6,100.00	7,000.00
111305* Day Rate - 12 Hour Crew	day	POR	POR	POR	POR	POR
111307* Day Rate - Crew Standby	day	POR	POR	POR	POR	POR
111400* Service Operator	man-day	960.00	1,160.00	1,330.00	1,220.00	1,400.00
111401* High Profile/Technical Well Supervisor	man-day	1,350.00	1,600.00	1,850.00	1,680.00	1,945.00
111402* Subsistence per man per day	man-day	230.00	300.00	360.00	310.00	390.00
111403* Engineering/Project Manager	man-day	1,350.00	1,600.00	1,850.00	1,680.00	1,945.00
111404* Orientation / Specialty Training Rate	man-day	POR	POR	POR	POR	POR
111405* Second Crew	man-hr	90.00	110.00	140.00	120.00	150.00
111409* Quality Control Technician	man-day	1,085.00	1,250.00	1,350.00	1,315.00	1,015.00
111412* Additional Compliance Testing per person	man-test	POR	POR	POR	POR	POR
111413* Mechanic / Electronic Technician	man-day	1,330.00	1,420.00	1,490.00	1,485.00	1,610.00
111603* Rig In / Warm Up Crew Charge	hr	POR	POR	POR	POR	POR
111604* Rig Out Crew Charge	hr	POR	POR	POR	POR	POR
111613* Rig Out Crew Charge: Day Rate	day	POR	POR	POR	POR	POR
111733* Third Party Personnel Charge	job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
<b>Equipment Cleanup and Fluid Disposal</b>						
111430* Post Job Clean Up and Environmental Disposal	unit	660.00	820.00	1,030.00	870.00	1,090.00
111493* Environmental Surcharge	job	55.00	55.00	55.00	55.00	55.00

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Travel</b>						
Charges from the nearest Sanjel Service Center offering the services ordered - per unit, per kilometre, round trip.						
111379* Mobilization/Demobilization per Project	job	POR	POR	POR	POR	POR
111380 Travel Charge - All Units Unless Otherwise Specified, per unit	km	8.30	10.30	12.70	10.85	13.45
111381 Travel Charge - SRPU, per unit	km	7.10	8.80	10.90	9.30	11.50
111382 Pickup or Support Vehicle - One Way Travel, per unit	km	3.55	4.35	5.45	4.60	5.75
111383* Excess Travel, Towing or Spotting Due to Poor Conditions per unit	unit-hr	210.00	280.00	330.00	295.00	350.00
111385* Vehicle Inspections	unit-job	POR	POR	POR	POR	POR
111397* Standby Time Due to Road Bans	unit-hr	POR	POR	POR	POR	POR
111495* Permits	job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
111496* Carbon Levy Surcharge	unit-job	POR	POR	POR	POR	POR
112303* Units Left On Location Due To Road Bans	unit-day	POR	POR	POR	POR	POR
112340* Fuel Surcharge	job	POR	POR	POR	POR	POR
112341* Fuel Delivery	unit-hr	POR	POR	POR	POR	POR
<b>Jobs Not Performed</b>						
When job is cancelled prior to Sanjel arriving on location, round trip mileage will apply to all units. When Sanjel is unable to perform a job due to circumstances beyond our control, 75% of all applicable base charges, plus 100% of mileage, blending, material handling and hauling and/or return delivery and restocking, and all location time in excess of the location time allowance, will be charged.						
112990* Job Not Performed (Prior to Arrival) - Mileage	job	POR	POR	POR	POR	POR
112997* Jobs Not Performed (After Arrival)	job	75% of Base Charge + mileage	75% of Base Charge + mileage	75% of Base Charge + mileage	75% of Base Charge + mileage	75% of Base Charge + mileage



## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Third-Party Purchases/Rentals</b>						
111384* Third Party Transportation Charge	job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
111451* Air Pack Rental	day	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
111456* Third Party Crane Rental	hour	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
111457* Third Party/Additional Safety Equipment Charge	unit-job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
111460* Nitrogen Tube Trailer Rental	day	POR	POR	POR	POR	POR
111731* Third Party Fuel Surcharge	job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
111732* Third Party Standby	job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
111734* Third Party Miscellaneous Charge	job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
111740* Third Party Nitrogen Charge	job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
111741* Third Party CO2 Charge	job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
112998* Third Party Purchases/Rentals	job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
114702 CO2 without service	m3	1,500.00	1,800.00	2,000.00	1,890.00	2,100.00
<b>Miscellaneous Charges</b>						
111440 Chemical Injection Pump	ea	1,300.00	1,470.00	1,650.00	1,540.00	1,730.00
111448 Electronic Ball Injector	day	1,800.00	2,230.00	2,600.00	2,340.00	2,730.00
111458* Specialized Iron Restraints (BC)	job	235.00	235.00	235.00	235.00	235.00
111459* Specialized Iron Restraints (SCL)	job	500.00	500.00	500.00	500.00	500.00
111464 Inline Foam Generator	day	660.00	790.00	940.00	830.00	990.00
112276* Project Supervisor Mobil Office	day	250.00	270.00	290.00	280.00	300.00
112991* Miscellaneous Services	job	POR	POR	POR	POR	POR
112999* Miscellaneous Products	job	POR	POR	POR	POR	POR

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Laboratory Services</b>						
<b>Cementing Laboratory Services</b>						
111210* Lab Services - Thickening Time Test	test	325.00	325.00	325.00	325.00	325.00
111215* Lab Services - Compressive Strength Test	test	325.00	325.00	325.00	325.00	325.00
111216* Lab Services - Fluid Loss Test	test	195.00	195.00	195.00	195.00	195.00
111217* Lab Services - Cement Rheology Test	test	195.00	195.00	195.00	195.00	195.00
111218* Lab Services - Cement Free Water Test	test	195.00	195.00	195.00	195.00	195.00
111219* Lab Services - Nitrogen Permeability Test	test	630.00	630.00	630.00	630.00	630.00
111220* Lab Services - Static Gel Strength Test	test	510.00	510.00	510.00	510.00	510.00
111221* Lab Services - Gas Migration Test	test	695.00	695.00	695.00	695.00	695.00
111222* Lab Services - Routine Water Analysis Test	test	130.00	130.00	130.00	130.00	130.00
111223* Lab Services - Fluid Compatibility Test	test	260.00	260.00	260.00	260.00	260.00
111224 Lab Services -Mechanical Static Gel Strength Test	test	695.00	695.00	695.00	695.00	695.00
<b>Stimulation Laboratory Services</b>						
111200* Lab Services - Acid Corrosion Test per coupon	test	198.00	198.00	198.00	198.00	198.00
111201* Lab Services - Acid Compatibility Test	test	299.00	299.00	299.00	299.00	299.00
111202* Lab Services - Acid Solubility Test	test	228.00	228.00	228.00	228.00	228.00
111204* Lab Services - Reid Vapour Pressure Test	test	365.00	365.00	365.00	365.00	365.00
111205* Lab Services - Flash Point Test	test	132.00	132.00	132.00	132.00	132.00
111206* Lab Services - Sand Sieve Analysis	hr	132.00	132.00	132.00	132.00	132.00
111207* Lab Services - Microscopy (optical)	hr	229.00	229.00	219.00	229.00	229.00
111208* Lab Services - Sample Delivery	hr	POR	POR	POR	POR	POR
111209* Lab Services - Miscellaneous Laboratory Time Charge	hr	245.00	245.00	245.00	255.00	260.00
111212* Lab Services - XRD Analysis	test	POR	POR	POR	POR	POR
<b>Mobile Laboratory Services</b>						
111214* Lab Services - Remote Reid Vapour Pressure Test	unit	2,066.00	3,370.00	4,946.00	3,539.00	5,435.00
<b>Reservoir Solutions Consulting</b>						
112297* Consulting Services – Engineering Advisor	man-day	4,400.00	4,400.00	4,400.00	4,400.00	4,400.00

## Pricing and Information

	UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Data Acquisition and Transmission</b>						
Stand alone units for real time display and recording of critical well parameters, with satellite capabilities.						
<b>Data Acquisition</b>						
Base Charge is Initial 6 Hours On Location - Operating or Standby						
111422 Portable Data Acquisition	job	2,011.00	2,392.00	2,881.00	2,511.00	3,028.00
111424 SRPU Data Acquisition	job	935.00	1,180.00	1,522.00	1,240.00	1,598.00
111425 Mobile Control Center	day	653.00	789.00	941.00	827.00	990.00
111442 Pressure Recorder	ea	235.00	290.00	365.00	305.00	385.00
<b>Additional Instrumentation</b>						
111427 Densitometer - High Pressure	job	653.00	789.00	941.00	827.00	990.00
111428 Flowmeter	job	653.00	789.00	941.00	827.00	990.00
111429 Additional Pressure Transducer	job	229.00	278.00	332.00	294.00	354.00
111453* H2S Monitors	unit	74.00	81.00	89.00	86.00	94.00
<b>Data Transmission</b>						
Base Charge is Initial 6 Hours On Location - Operating or Standby						
111310 WITS (Data Transfer)	job	545.00	710.00	760.00	740.00	800.00
111311* Satellite Monitoring Base Charge	day	979.00	1,196.00	1,414.00	1,256.00	1,484.00
111314* Satellite Monitoring - Additional Hours	hr	109.00	131.00	153.00	136.00	160.00
111426* Internet Broadcasting	hr	200.00	267.00	334.00	280.00	354.00
111445* Hand Held Radios	day	110.00	120.00	130.00	130.00	140.00
<b>Data Analysis</b>						
Base Charge is Initial 6 Hours						
111312* Technical Analysis Base Charge	day	435.00	544.00	653.00	571.00	685.00
111313* Technical Analysis - Additional Time	hr	109.00	131.00	153.00	136.00	160.00

## Pricing and Information

		UOM	Area 1	Area 2	Area 3	Area 4	Area 5
<b>Fluid Pumping Surcharges</b>							
111372*	Oxidizing Agent Pumping Surcharge	job	1,690.00	2,020.00	2,560.00	2,120.00	2,700.00
111373*	CO2 Pumping Surcharge	job	POR	POR	POR	POR	POR
112138*	Third Party Material Pumped by Sanjel Surcharge	job	25% of Sanjel Price	25% of Sanjel Price	25% of Sanjel Price	25% of Sanjel Price	25% of Sanjel Price
112333	Pumping Approved Flammable or Hazardous Fluids Charge	m3	380.00	470.00	545.00	510.00	590.00
<b>High Pressure Treating Iron</b>							
111406*	1502 Treating Iron (15,000 psi, 103 MPa)	day	2,011.00	2,664.00	3,316.00	2,799.00	3,506.00
111407*	Iron Inspection	job	POR	POR	POR	POR	POR
111410*	Circulating Iron	job	1,950.00	2,350.00	2,800.00	2,450.00	3,000.00
111441	Squeeze Manifold	ea	550.00	680.00	860.00	715.00	900.00
111447	Selective Acidizing Iron	job	936.00	1,118.00	1,353.00	1,177.00	1,424.00
<b>Damages</b>							
111408*	Destructive Charge	job	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%
112270*	Lost or Damaged Equipment/Tools/Tubing	ea	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%	Cost + 25%



