

# CHANGE ORDER FORM

CHANGE ORDER NUMBER 04

**PROJECT:** FM 1000: Construction of a new location, non-freeway facility, consisting of grading, structures, base, surfacing, signals and pavement markings. From Proposed US 271 Relief Route, east to FM 1735.

**CONTRACTOR:** James Construction Group, LLC

Contractor is directed to make the following changes to the Contract Documents.

**DESCRIPTION OF CHANGES:** Addition of Isolation and Armor Joints for concrete paving on US 271

**ATTACHMENTS:** See Separate list of Attachments

### CHANGE IN CONTRACT PRICE

|   |                         |
|---|-------------------------|
| 1. Original Price:                                | <u>\$ 18,846,843.37</u> |
| 2. Total of Prior Change Orders:                  | <u>\$5,023.29</u>       |
| 3. Total Price Prior to Current Change Order:     | <u>\$ 18,851,866.66</u> |
| 4. Total of Current Change Order:                 | <u>\$74,530.64</u>      |
| 5. New Price Resulting from Current Change Order: | <u>\$ 18,926,397.30</u> |

### CHANGE IN CONTRACT TIME

|   |                 |
|---|-----------------|
| Original Time:                                | <u>383</u> DAYS |
| Total of Prior Change Orders:                 | <u>0</u> DAYS   |
| Total Time Prior to Current Change Order:     | <u>383</u> DAYS |
| Total of Current Change Order:                | <u>0</u> DAYS   |
| New Time Resulting from Current Change Order: | <u>383</u> DAYS |

### AGREED BY:

James Construction Group, LLC

Pat Pluniede 5-20-14  
(Signature) (Date)

PTP Transportation, LLC:

Mark Hehak 5-27-14  
(Signature) (Date)

### APPROVED BY:

Titus County:

Brian Lee 5-27-14  
(Signature) (Date)

Texas Department of Transportation:

\_\_\_\_\_  
(Signature) (Date)

Federal Highway Administration:

\_\_\_\_\_  
(Signature) (Date)

## Alaina Carlisle

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**From:** Roger Ledbetter <Roger.Ledbetter@txdot.gov>  
**Sent:** Tuesday, May 06, 2014 2:48 PM  
**To:** Rick Kronenberger; Timothy Berry  
**Cc:** TitusCounty; Robert Dick  
**Subject:** RE: FM 1000 Change Order 3 & 4

FM 1000 Change Order #3 and #4 are approved by TxDOT for further processing.

**From:** Rick Kronenberger [mailto:rkronenberger@ptp.net]  
**Sent:** Monday, May 05, 2014 10:18 AM  
**To:** Roger Ledbetter; Timothy Berry  
**Cc:** TitusCounty  
**Subject:** FM 1000 Change Order 3 & 4

Roger & Tim,

Attached are Change Orders 3 & 4 for FM 1000 for your review and concurrence. Change Order 3 adds a pay item for small signs that was not included in the bid. Change Order 4 is for the modifications to the paving joints required at US 271. Please let me know if you have any questions.

Thank you,

**Rick Kronenberger, P.E.**  
*Director of Construction Services*  
**PTP Transportation, LLC**  
616 FM 1960 Road West, Suite 335  
Houston, Texas 77090

Direct: 936-521-1467  
Office: 936-441-9121  
Fax: 936-539-9176  
Cell: 832-217-6014  
[rkronenberger@ptp.net](mailto:rkronenberger@ptp.net)

Mailing Address:  
P.O. Box 9389  
The Woodlands, Texas 77387

Don't mess with Texas® means don't litter.



Don't  
mess with  
Texas





## **FM 1000 – Change Order 04**

### ***List of Attachments***

- **Letter to TxDOT – Re: Change Order 04 Justification**
- **Letter to TxDOT – Re: Change Order 04 Price Justification**
- **Letter to TxDOT – Re: Change Order 04 Environmental Assurance Statement**
  
- **Isolation Joint**
  - James Construction Group Invoice & Summary
  - James Construction Group Labor, Equipment & Materials Breakdowns
  
- **Armor Joint**
  - James Construction Group Invoice & Summary
  - James Construction Group Labor, Equipment & Materials Breakdowns
  - James Construction Group Original Bid Sheet for Armor Joints
  
- **Equipment Watch Rental Rate Sheets**
- **Subcontractor Pricing for Saw Cutting**
- **Materials Pricing Backup for Concrete and Reinforcing Steel**



May 1, 2014

Mr. Roger Ledbetter, P.E.  
Area Engineer – Mount Pleasant  
Texas Department of Transportation – Atlanta District  
2210 W. Ferguson  
Mount Pleasant, Texas 75455

RE: Titus County  
CSJ: 1226-04-01  
FM 1000  
**Change Order 04 Justification**

Dear Mr. Ledbetter:

PTP Transportation, LLC, on behalf of Titus County, is submitting for your review and approval Change Order 04 for the subject project. This change order is necessary to change the details for the concrete pavement joints and provide payment for additional work required to make these changes.

The original plans, as approved by TxDOT, showed to use a locking support slab at the ends of the concrete paving at the intersection of FM 1000 and US 271. Prior to performing any work on this, TxDOT notified PTP that the joint details would need to be changed to match a previous projects details and include isolation joints between the US 271 paving and FM 1000 approaches. These details are being incorporated into the plans and a price has been established to pay for the additional joints.

All of the costs associated with this change order are summarized in the Cost Report, included with this change order. The breakdown of costs are summarized and discussed on a separate letter under the subject of price justification. If you have any questions regarding this matter, please feel free to contact me at (936) 441-9121.

Sincerely,

**PTP TRANSPORTATION, LLC**

A handwritten signature in black ink that reads "Richard L. Kronenberger P.E.".

Richard L. Kronenberger, P.E.  
Director of Construction Services

Attachments  
cc: PTP Transportation, LLC Staff  
File



May 1, 2014

Mr. Roger Ledbetter, P.E.  
Area Engineer – Mount Pleasant  
Texas Department of Transportation – Atlanta District  
2210 W. Ferguson  
Mount Pleasant, Texas 75455

RE: Titus County  
CSJ: 1226-04-01  
FM 1000  
**Change Order 04 Price Justification**

Dear Mr. Ledbetter:

This letter serves as notice that the new pay items and prices below has been reviewed and are considered fair and reasonable for the subject project. The new pay items are as follows:

| Item Number |      | Description     | Unit | Unit Price |
|-------------|------|-----------------|------|------------|
| Item        | Desc |                 |      |            |
| 9004        | 1001 | ISOLATION JOINT | LF   | \$102.93   |
| 9004        | 1002 | ARMOR JOINT     | LF   | \$73.04    |

This consideration is made based on the justification provided by James Construction Group, consisting of breakdowns for labor, equipment and materials. For both items, the labor units were determined by using a factor of 1 hour of work per cubic yard of concrete without accounting for waste. This hourly factor was applied to a typical paving crew that is anticipated to perform this work. This crew will also be responsible for cutting, placing and tying the reinforcing steel prior to concrete placement. The labor crew pricing and cost was reviewed and has been negotiated to provide only that portion that was directly required to perform the work.

The equipment breakdown for both items was reviewed in a similar manner. The hours for each type of equipment were determined based on the same hourly factor as the labor, with the exception of the water truck and air compressor, which was negotiated to be 50% usage. The hourly rates for each type of equipment were determined and backed up with Equipment Watch rental rate sheets.


Materials incorporated in the breakdown were reviewed and calculations checked. Concrete material was given a 12% waste factor and reinforcing steel was given a 2% waste factor, both of which were considered reasonable. Pricing for both were justified through purchase order costs. Saw cutting, provided by a subcontractor, was reviewed, justified through email correspondence and determined reasonable.

May 1, 2014  
Mr. Roger Ledbetter  
FM 1000  
Change Order 04 Price Justification  
Page 2

A credit was given for work originally planned on the armor joints. The amount of hours and costs for each category of labor and equipment was justified by the contractor through their bidding system. The credit was given prior to markups being applied.

If you have any questions regarding this matter, please feel free to contact me at (936) 441-9121.

Sincerely,

A handwritten signature in black ink that reads "Richard L. Kronenberger P.E." in a cursive style.

Richard L. Kronenberger, P.E.  
Director of Construction Services

cc: PTP Transportation, LLC Staff  
File



May 1, 2014

Mr. Roger Ledbetter, P.E.  
Area Engineer – Mount Pleasant  
Texas Department of Transportation – Atlanta District  
2210 W. Ferguson  
Mount Pleasant, Texas 75455

RE: Titus County  
CSJ: 1226-04-01  
FM 1000  
**Change Order 04 Environmental Assurance Statement**

Dear Mr. Ledbetter:

This letter is to serve as notice that the proposed work on this change order will not affect any of the environmental clearances or commitments for the subject project. The work in this change order includes adding isolation joints and modifying armor joints to the concrete paving at US 271.

If you have any questions regarding this matter, please feel free to contact me at (936) 441-9121.

Sincerely,

**PTP TRANSPORTATION, LLC**

A handwritten signature in black ink, appearing to read 'T. Plucker', written over a horizontal line.

Terry L. Plucker  
Director of Environmental Services

cc: PTP Transportation, LLC Staff  
File



Control: 1226-04-001  
Project: Titus County FM 1000

Item of Work: Isolation Joint

Est Quantity: 447.4 LF

### SUMMARY

|   |             |
|---|-------------|
| TOTAL LABOR COST                                      | \$19,243.58 |
| TOTAL EQUIPMENT COST                                  | \$12,578.52 |
| TOTAL SUBCONTRACTOR COST                              | \$2,533.97  |
| TOTAL MATERIAL COST                                   | \$11,237.39 |
| SUB TOTAL   | \$45,593.44 |
| 1% BOND COST  | \$455.93    |
| TOTAL COST  | \$46,049.38 |
| UNIT PRICE (TOTAL COST DIVIDED BY ESTIMATED QUANTITY) | \$102.93    |











# INVOICE

5880 West Highway 190  
Belton, Texas 76513  
Phone (254) 939-8610  
Fax (254) 939-8611

Date April 16, 2014  
Invoice # 1  
For: Armor Joint Change Order For  
Titus County FM 1000

Bill To:  
Mr. Rick Kronenberger, P.E.  
PTP Transportation  
1500 Research Forest Drive, Ste 200  
The Woodlands, TX 77381

| QTY   | DESCRIPTION   | AMOUNT      |
|-------|---------------|-------------|
| 1 LS  | LABOR         | \$19,243.58 |
| 1 LS  | EQUIPMENT     | \$12,578.52 |
| 1 LS  | SUBCONTRACTOR | \$2,533.97  |
| 1 LS  | MATERIALS     | \$11,237.39 |
| 1 LS  | 1% BOND COST  | \$455.93    |
| TOTAL |               | \$46,049.38 |

If you have any questions concerning this invoice, contact JCG field office at (254) 518-0032.

THANK YOU FOR YOUR BUSINESS!

Control: 1226-04-001  
Project: Titus County FM 1000

Item of Work: Armor Joint

Est Quantity: 389.92 LF

### SUMMARY

|   |             |
|---|-------------|
| TOTAL LABOR COST                                      | \$10,311.35 |
| TOTAL EQUIPMENT COST                                  | \$9,482.95  |
| TOTAL SUBCONTRACTOR COST                              | \$2,808.25  |
| TOTAL MATERIAL COST                                   | \$5,596.47  |
| SUB TOTAL   | \$28,199.02 |
| 1% BOND COST  | \$281.99    |
| TOTAL COST  | \$28,481.01 |
| UNIT PRICE (TOTAL COST DIVIDED BY ESTIMATED QUANTITY) | \$73.04     |

**CONTRACTOR'S BASIS OF ESTIMATE  
FOR ITEMS TO BE ADDED BY EXTRA WORK ORDER**

Control: 1226-04-001

Item of Work: Armor Joint

Project: Titus County FM 1000

Est Quantity: 389.92 LF

| Labor Classification                                | Operates<br>Equipment Number | Hourly Rate | Hours | Total              |
|---|------------------------------|-------------|-------|--------------------|
| Foreman   |                              | \$31.25     | 57.8  | \$1,806.25         |
| Finisher  |                              | \$12.50     | 173.4 | \$2,167.50         |
| Skilled Laborer                                     |                              | \$12.60     | 115.6 | \$1,456.56         |
| Unskilled Laborer                                   |                              | \$12.00     | 173.4 | \$2,080.80         |
| Operator-Heavy Duty                                 |                              | \$17.00     | 57.8  | \$982.60           |
| Truck Driver  |                              | \$14.30     | 57.8  | \$826.54           |
| <b>Credit:</b>                                      |                              |             |       |                    |
| Forman  |                              | \$31.25     | -26.4 | (\$825.00)         |
| Finisher- Setter/Liner                              |                              | \$12.50     | -79.2 | (\$990.00)         |
| Unskilled Laborer                                   |                              | \$12.00     | -79.2 | (\$950.40)         |
| Operator-Heavy Duty                                 |                              | \$17.00     | -26.4 | (\$448.80)         |
| Truck Driver  |                              | \$14.30     | -26.4 | (\$377.52)         |
| <b>LABOR COSTS</b>                                  |                              |             |       | <b>\$5,728.53</b>  |
| PROFIT ON TOTAL LABOR at 25%                        |                              |             |       | \$1,432.13         |
| PLUS LABOR BURDENS (Taxes, Insurance, Ect.) at 55 % |                              |             |       | \$3,150.69         |
| <b>TOTAL LABOR COSTS</b>                            |                              |             |       | <b>\$10,311.35</b> |



Control: 1226-04-001

Item of Work: Armor Joint

Project: Titus County FM 1000

Est Quantity: 389.92 LF

| Equipment Number   | Equipment Description | Hourly Rate | Hours | Total             |
|--|-----------------------|-------------|-------|-------------------|
|  | F-250 Pickup          | \$26.75     | 57.8  | \$1,546.15        |
|  | Generator 0 to 5k     | \$5.59      | 57.8  | \$323.10          |
|  | 420 IT CAT Backhoe    | \$39.80     | 57.8  | \$2,300.44        |
|  | Water Truck           | \$51.95     | 28.9  | \$1,501.36        |
|  | 2 Ton Form Lift Truck | \$57.37     | 57.8  | \$3,315.99        |
|  | 150-199 CFM Air Comp  | \$18.98     | 28.9  | \$548.52          |
|  | <b>Credit:</b>        |             |       |                   |
|  | Generator 0 to 5k     | \$5.76      | -26.4 | (\$152.06)        |
|  | CAT 416C              | \$9.38      | -26.4 | (\$247.50)        |
|  | 3/4 Ton Pickups       | \$8.99      | -26.4 | (\$237.44)        |
|  | 2 Ton Form Lift Truck | \$24.72     | -26.4 | (\$652.50)        |
| <b>EQUIPMENT COSTS</b>   |                       |             |       | <b>\$8,246.05</b> |
| <b>PROFIT ON TOTAL EQUIPMENT at 15%</b>  |                       |             |       | <b>\$1,236.91</b> |
| *RENTAL RATES BLUE BOOK (MONTHLY RATE X ADJ. FACTOR X REGIONAL FACTOR) / 176 + OPR. COST |                       |             |       |                   |
| <b>TOTAL EQUIPMENT COSTS</b>   |                       |             |       | <b>\$9,482.95</b> |

Control: 1226-04-001  
Project: Titus County FM 1000

Item of Work: Armor Joint

Est Quantity: 389.92 LF

| SUBCONTRACTOR WORK ITEM       | U/M  | QUANTITY | UNIT PRICE | TOTAL      |
|-------------------------------|------|----------|------------|------------|
| WOE Construction Sawing 4"    | LF   | 779.84   | \$1.50     | \$1,169.76 |
| WOE Construction Sawing 12"   | LF   | 234.92   | \$3.00     | \$704.76   |
| WOE Construction Mobilization | Each | 4.00     | \$200.00   | \$800.00   |
| SUBCONTRACT COSTS             |      |          |            | \$2,674.52 |
| PROFIT ON SUBCONTRACT at 5%   |      |          |            | \$133.73   |
| TOTAL SUBCONTRACT COST        |      |          |            | \$2,808.25 |

Control: 1226-04-001  
Project: Titus County FM 1000

Item of Work: Armor Joint

Est Quantity: 389.92 LF

| Materials                             | U/M | Quantity | Unit Price | Total             |
|---------------------------------------|-----|----------|------------|-------------------|
| No. 4 Rebar                           | LB  | 2324.70  | \$0.42     | \$976.37          |
| Class "P" Concrete                    | CY  | 64.70    | \$94.00    | \$6,081.80        |
| <b>Credit:</b>                        |     |          |            |                   |
| Class "C" 3600 Ready Mix              | Cy  | 29.00    | (\$89.00)  | (\$2,581.00)      |
| <b>MATERIAL COST</b>                  |     |          |            | <b>\$4,477.17</b> |
| <b>PROFIT ON MATERIAL COST at 25%</b> |     |          |            | <b>\$1,119.29</b> |
| <b>TOTAL MATERIAL COST</b>            |     |          |            | <b>\$5,596.47</b> |



5880 West Highway 190  
Belton, Texas 76513  
Phone (254) 939-8610  
Fax (254) 939-8611

# INVOICE

Date April 16, 2014  
Invoice # 1  
For: Armor Joint Change Order For  
Titus County FM 1000

Bill To:  
Mr. Rick Kronenberger, P.E.  
PTP Transportation  
1500 Research Forest Drive, Ste 200  
The Woodlands, TX 77381

| QTY   | DESCRIPTION   | AMOUNT      |
|-------|---------------|-------------|
| 1 LS  | LABOR         | \$10,311.35 |
| 1 LS  | EQUIPMENT     | \$9,482.95  |
| 1 LS  | SUBCONTRACTOR | \$2,808.25  |
| 1 LS  | MATERIALS     | \$5,596.47  |
| 1 LS  | 1% BOND COST  | \$281.99    |
| TOTAL |               | \$28,481.01 |

If you have any questions concerning this invoice, contact JCG field office at (254) 518-0032.

THANK YOU FOR YOUR BUSINESS!

Direct Cost Report

| Activity Resource   | Desc                        | Pcs           | Quantity Unit         | Unit Cost   | Labor                   | Perm Material   | Constr Mat/Exp    | Equip Mont | Sub-Contract | Total |
|---|-----------------------------|---------------|-----------------------|-------------|-------------------------|-----------------|-------------------|------------|--------------|-------|
| <b>BID ITEM = 320 CLIENT# = 360 2012 003 Land Item SCHEDULE: 1 100</b><br><b>Description = CONC PVMT (JOINTED-CPCD)(11") Unit = SY Takeoff Quan: 12,866.000 Engr Quan: 12,866.000</b> |                             |               |                       |             |                         |                 |                   |            |              |       |
| <b>320J</b>   | <b>PFC SUPPORT SLAB</b>     |               | <b>Quan: 26.40 CY</b> |             | <b>Hrs/Shift: 10.00</b> | <b>Cal: 610</b> | <b>WC: TX5506</b> |            |              |       |
| 379 1E x 2.25'x.83' @ CPCD  |                             |               |                       |             |                         |                 |                   |            |              |       |
| 3610  | Set Forms Hand Pours        |               | 26.40 CH              | Prod:       | 10.0000 US              | Lab Pcs:        | 9.00              | Eqp Pcs:   | 4.00         |       |
| 8GE01   | GENERATOR - 0 TO 5 K        | 1.00          | 26.40 HR              | 5.675       |                         |                 | 150               |            | 150          |       |
| 8LD06   | CAT 416C - PLAIN            | 1.00          | 26.40 HR              | 9.375       |                         |                 | 248               |            | 248          |       |
| 8PU030  | 3/4 TON PICKUPS             | 1.00          | 26.40 HR              | 8.994       |                         |                 | 237               |            | 237          |       |
| 8TR05   | 2 TON FORM LIFT TRUC        | 1.00          | 26.40 HR              | 24.716      |                         |                 | 653               |            | 653          |       |
| LPAV528   | Finisher-Setter/Liner       | 3.00          | 79.20 MH              | 12.250      | 1,509                   |                 |                   |            | 1,509        |       |
| LPAV530   | Foreman-PCCP                | 1.00          | 26.40 MH              | 31.250      | 1,108                   |                 |                   |            | 1,108        |       |
| LPAV534   | Unskilled Laborer           | 3.00          | 79.20 MH              | 12.000      | 1,478                   |                 |                   |            | 1,478        |       |
| LPAV542   | Operator-Heavy Duty         | 1.00          | 26.40 MH              | 17.000      | 698                     |                 |                   |            | 698          |       |
| LPAV548   | Truck Driver                | 1.00          | 26.40 MH              | 14.300      | 587                     |                 |                   |            | 587          |       |
| \$6,667.99  |                             | 9.0000 MH/CY  | 237.60 MH             | [ 152.645 ] | 5,381                   |                 | 1,287             |            | 6,668        |       |
| 10.0000 Un/Shift *  | 0.1111 Unit/MH              | 2.6400 Shifts |                       |             | 203.82                  |                 | 48.76             |            | 252.58       |       |
| <b>320K</b>   | <b>SUPPT SLAB READY MIX</b> |               | <b>Quan: 29.00 CY</b> |             | <b>Hrs/Shift: 10.00</b> | <b>Cal: 510</b> | <b>WC: TX5506</b> |            |              |       |
| 2CO04   | Class "C" 3600 PSI          |               | 29.00 CY              | 89,000      |                         | 2,581           |                   |            | 2,581        |       |
| <b>====&gt; Item Totals: 320 - CONC PVMT (JOINTED-CPCD)(11")</b>  |                             |               |                       |             |                         |                 |                   |            |              |       |
| \$9,248.99  | 0.0184 MH/SY                | 237.60 MH     | [ 0.313 ]             | 5,381       | 2,581                   |                 | 1,287             |            | 9,249        |       |
| 0.719   | 12866 SY                    |               |                       | 0.42        | 0.20                    |                 | 0.10              |            | 0.72         |       |

**\$9,248.99 \*\*\* Report Totals \*\*\* 237.60 MH 5,381 2,581 1,287 9,249**

>>> indicates Non Additive Activity  
 -----Report Notes:-----  
 The estimate was prepared with TAKEOFF Quantities.  
 This report shows TAKEOFF Quantities with the resources.

Bid Date: 01/17/13 Owner: Engineering Firm:  
 Estimator-In-Charge:

**JOB NOTES**

Engineer Estimate \$19,800,000  
 Duration = 18 Mo. = 383 working days  
 Estimate has 2013 equipment rates (added \$10,000 from 2012 rates)

\*\*\*\*\*Estimate created on: 02/12/2008 by User#: 2 - Wiley Marx  
 Source estimate used: H:\HEAVYBID\EST\WYMAST

\* on units of MH indicate average labor unit cost was used rather than base rate.  
 [ ] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens  
 In equipment resources, rent % and BOE % not = 100% are represented as XXX\YYY where XXX=Rent% and YYY=BOE%  
 -----Calendar Codes-----  
 410 4 X 10 = 40 HOUR WEEK  
 508 5 X 8 = 40 HOUR WEEK  
 510 5 X 10 = 50 HOUR WEEK (Default Calendar)  
 512 5 X 12 = 60 HOUR WEEK

Direct Cost Report

| Activity | Desc | Quantity | Unit | Unit | Perm  | Constr   | Equip    | Sub- |          |
|----------|------|----------|------|------|-------|----------|----------|------|----------|
| Resource |      | Pcs      |      | Cost | Labor | Material | Matl'Exp | Ment | Contract |
|          |      |          |      |      |       |          |          |      | Total    |

---

**BID ITEM = 320** CLIENT# = 360 2012 003 Land Item SCHEDULE: 1 100  
 Description = CONC PVMT (JOINTED-CPCD)(11") Unit = SY Takeoff Quan: 12,866.000 Engr Quan: 12,866.000  
 610 6 X 10 = 60 HOUR WEEK  
 611 6 X 11 = 66 HOUR WEEK  
 612 6 X 12 = 72 HOUR WEEK



www.equipmentwatch.com

## Rental Rate Blue Book®

April 29, 2014

### On-Highway Water Tankers

Miscellaneous Models

Size Class:

200 HP & Over 200 HP & Over

### Configuration for On-Highway Water Tankers

|            |        |               |           |
|------------|--------|---------------|-----------|
| Power Mode | Diesel | Tank Capacity | 3,500 gal |
| Horsepower | 250.0  |               |           |

Equipment Notes: Rates include pump and rear spray system.

### Blue Book Rates

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

|                          | Ownership Costs   |                 |                 |                | Estimated<br>Operating Costs<br>Hourly | FHWA Rate**<br>Hourly |
|--------------------------|-------------------|-----------------|-----------------|----------------|--|-----------------------|
|                          | Monthly           | Weekly          | Daily           | Hourly         |  |                       |
| Published Rates          | \$2,725.00        | \$765.00        | \$190.00        | \$29.00        | \$37.80                                | \$53.28               |
| <b>Adjustments</b>       |                   |                 |                 |                |  |                       |
| Region (Texas:<br>91.4%) | (\$234.35)        | (\$65.79)       | (\$16.34)       | (\$2.49)       |  |                       |
| Model Year (100%)        | -                 | -               | -               | -              |  |                       |
| Ownership (100%)         | -                 | -               | -               | -              |  |                       |
| Operating (100%)         |                   |                 |                 |                | -                                      |                       |
| <b>Total:</b>            | <b>\$2,490.65</b> | <b>\$699.21</b> | <b>\$173.66</b> | <b>\$26.51</b> | <b>\$37.80</b>                         | <b>\$51.95</b>        |

### Rate Element Allocation

| Element                   | Percentage | Value           |
|---------------------------|------------|-----------------|
| Depreciation (ownership)  | 52%        | \$1,417.00 / mo |
| Overhaul (ownership)      | 30%        | \$817.50 / mo   |
| CFC (ownership)           | 5%         | \$136.25 / mo   |
| Indirect (ownership)      | 13%        | \$354.25 / mo   |
| Fuel (operating) @ \$3.98 | 66%        | \$24.88 / hr    |

Revised Date: 2nd Half 2013



www.equipmentwatch.com

**Rental Rate Blue Book®**

April 29, 2014

**Small Generator Sets**

Miscellaneous Models

Size Class:

To 5,000 Watts To 5,000 Watts

**Configuration for Small Generator Sets**

|            |          |              |         |
|------------|----------|--------------|---------|
| Power Mode | Gasoline | Prime Output | 5,000 w |
| Horsepower | 11.0     |              |         |

**Blue Book Rates**

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

|                       | Ownership Costs |                |               |               | Estimated Operating Costs | FHWA Rate**   |
|-----------------------|-----------------|----------------|---------------|---------------|---------------------------|---------------|
|                       | Monthly         | Weekly         | Daily         | Hourly        |                           |               |
| Published Rates       | \$160.00        | \$45.00        | \$11.00       | \$2.00        | \$4.80                    | \$5.71        |
| <b>Adjustments</b>    |                 |                |               |               |                           |               |
| Region (Texas: 86.6%) | (\$21.44)       | (\$6.03)       | (\$1.47)      | (\$0.27)      |                           |               |
| Model Year (100%)     | -               | -              | -             | -             |                           |               |
| Ownership (100%)      | -               | -              | -             | -             |                           |               |
| Operating (100%)      |                 |                |               |               | -                         |               |
| <b>Total:</b>         | <b>\$138.56</b> | <b>\$38.97</b> | <b>\$9.53</b> | <b>\$1.73</b> | <b>\$4.80</b>             | <b>\$5.59</b> |

**Rate Element Allocation**

| Element                   | Percentage | Value        |
|---------------------------|------------|--------------|
| Depreciation (ownership)  | 52%        | \$83.20 / mo |
| Overhaul (ownership)      | 32%        | \$51.20 / mo |
| CFC (ownership)           | 5%         | \$8.00 / mo  |
| Indirect (ownership)      | 11%        | \$17.60 / mo |
| Fuel (operating) @ \$3.66 | 72%        | \$3.46 / hr  |

Revised Date: 1st Half 2014





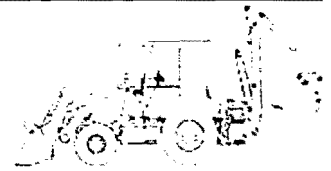
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**Rental Rate Blue Book®**

April 29, 2014

**Caterpillar 420E IT**  
Tractor-Loader-Backhoes

Size Class:  
14' to Under 15' 14' to Under 15'  
Weight:  
17,781 lbs.



**Configuration for 420E IT**

|                                |         |                     |       |
|--------------------------------|---------|---------------------|-------|
| Power Mode                     | Diesel  | Drive               | 2WD   |
| Loader Bucket Capacity--Heaped | 1.25 cy | Backhoe Stick       | Fixed |
| Net Horsepower                 | 93.0    | Operator Protection | ROPS  |

Equipment Notes: Includes General Purpose loader bucket, backhoe bucket and ROPS, unless otherwise noted.

**Blue Book Rates**

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

|                       | Ownership Costs   |                 |                 |                | Estimated Operating Costs | FHWA Rate**    |
|-----------------------|-------------------|-----------------|-----------------|----------------|---------------------------|----------------|
|                       | Monthly           | Weekly          | Daily           | Hourly         | Hourly                    | Hourly         |
| Published Rates       | \$3,030.00        | \$850.00        | \$215.00        | \$32.00        | \$24.50                   | \$41.72        |
| <b>Adjustments</b>    |                   |                 |                 |                |                           |                |
| Region (Texas: 88.9%) | (\$336.33)        | (\$94.35)       | (\$23.87)       | (\$3.55)       |                           |                |
| Model Year (100%)     | -                 | -               | -               | -              |                           |                |
| Ownership (100%)      | -                 | -               | -               | -              |                           |                |
| Operating (100%)      |                   |                 |                 |                | -                         |                |
| <b>Total:</b>         | <b>\$2,693.67</b> | <b>\$755.65</b> | <b>\$191.13</b> | <b>\$28.45</b> | <b>\$24.50</b>            | <b>\$39.80</b> |

**Rate Element Allocation**

| Element                   | Percentage | Value           |
|---------------------------|------------|-----------------|
| Depreciation (ownership)  | 36%        | \$1,090.80 / mo |
| Overhaul (ownership)      | 45%        | \$1,363.50 / mo |
| CFC (ownership)           | 6%         | \$181.80 / mo   |
| Indirect (ownership)      | 13%        | \$393.90 / mo   |
| Fuel (operating) @ \$3.98 | 59%        | \$14.40 / hr    |

Revised Date: 2nd Half 2013



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**Rental Rate Blue Book®**

April 29, 2014

**Portable Rotary Screw Air Compressors**

Miscellaneous Models

Size Class:  
125 - 249 cfm 125 - 249 cfm

**Configuration for Portable Rotary Screw Air Compressors**

|                      |        |                     |         |
|----------------------|--------|---------------------|---------|
| Power Mode           | Diesel | Air Delivery Rating | 185 cfm |
| Rated Pressure @ PSI | 125    | Horsepower          | 80.0    |

**Blue Book Rates**

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

|                          | Ownership Costs |                 |                |               | Estimated<br>Operating Costs | FHWA Rate**       |
|--------------------------|-----------------|-----------------|----------------|---------------|------------------------------|-------------------|
|                          | Monthly         | Weekly          | Daily          | Hourly        |                              |                   |
| Published Rates          | \$740.00        | \$205.00        | \$51.00        | \$8.00        | Hourly<br>\$15.20            | Hourly<br>\$19.40 |
| <b>Adjustments</b>       |                 |                 |                |               |                              |                   |
| Region (Texas:<br>89.8%) | (\$75.48)       | (\$20.91)       | (\$5.20)       | (\$0.82)      |                              |                   |
| Model Year (100%)        | -               | -               | -              | -             |                              |                   |
| Ownership (100%)         | -               | -               | -              | -             |                              |                   |
| Operating (100%)         |                 |                 |                |               | -                            |                   |
| <b>Total:</b>            | <b>\$664.52</b> | <b>\$184.09</b> | <b>\$45.80</b> | <b>\$7.18</b> | <b>\$15.20</b>               | <b>\$18.98</b>    |

**Rate Element Allocation**

| Element                   | Percentage | Value         |
|---------------------------|------------|---------------|
| Depreciation (ownership)  | 25%        | \$185.00 / mo |
| Overhaul (ownership)      | 65%        | \$481.00 / mo |
| CFC (ownership)           | 3%         | \$22.20 / mo  |
| Indirect (ownership)      | 7%         | \$51.80 / mo  |
| Fuel (operating) @ \$3.94 | 75%        | \$11.35 / hr  |

Revised Date: 1st Half 2014



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## Rental Rate Blue Book®

April 29, 2014

### On-Highway Flatbed Trucks Miscellaneous Models

Size Class:  
33,001 - 45,000 GVW 33,001 - 45,000 GVW

### Configuration for On-Highway Flatbed Trucks

|                              |            |                    |       |
|------------------------------|------------|--------------------|-------|
| Power Mode                   | Diesel     | Axle Configuration | 6X4   |
| Maximum Gross Vehicle Weight | 45,000 lbs | Horsepower         | 380.0 |

### Blue Book Rates

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

|                          | Ownership Costs   |                 |                 |                | Estimated<br>Operating Costs<br>Hourly | FHWA Rate**<br>Hourly |
|--------------------------|-------------------|-----------------|-----------------|----------------|--|-----------------------|
|                          | Monthly           | Weekly          | Daily           | Hourly         |  |                       |
| Published Rates          | \$2,950.00        | \$825.00        | \$205.00        | \$31.00        | \$42.05                                | \$58.81               |
| <b>Adjustments</b>       |                   |                 |                 |                |  |                       |
| Region (Texas:<br>91.4%) | (\$253.70)        | (\$70.95)       | (\$17.63)       | (\$2.67)       |  |                       |
| Model Year (100%)        | -                 | -               | -               | -              |  |                       |
| Ownership (100%)         | -                 | -               | -               | -              |  |                       |
| Operating (100%)         |                   |                 |                 |                | -                                      |                       |
| <b>Total:</b>            | <b>\$2,696.30</b> | <b>\$754.05</b> | <b>\$187.37</b> | <b>\$28.33</b> | <b>\$42.05</b>                         | <b>\$57.37</b>        |

### Rate Element Allocation

| Element                   | Percentage | Value           |
|---------------------------|------------|-----------------|
| Depreciation (ownership)  | 52%        | \$1,534.00 / mo |
| Overhaul (ownership)      | 31%        | \$914.50 / mo   |
| CFC (ownership)           | 5%         | \$147.50 / mo   |
| Indirect (ownership)      | 12%        | \$354.00 / mo   |
| Fuel (operating) @ \$3.98 | 70%        | \$29.64 / hr    |

Revised Date: 2nd Half 2013



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**Rental Rate Blue Book®**

April 29, 2014

**On-Highway Light Duty Trucks**

Miscellaneous Models

Size Class:

200 - 299 HP 200 - 299 HP

**Configuration for On-Highway Light Duty Trucks**

|                    |          |            |      |
|--------------------|----------|------------|------|
| Power Mode         | Gasoline | Cab Type   | Crew |
| Axle Configuration | 4X2      | Ton Rating | 3/4  |
| Horsepower         | 285.0    |            |      |

**Blue Book Rates**

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

|                       | Ownership Costs |                 |                |               | Estimated Operating Costs | FHWA Rate**    |
|-----------------------|-----------------|-----------------|----------------|---------------|---------------------------|----------------|
|                       | Monthly         | Weekly          | Daily          | Hourly        |                           |                |
| Published Rates       | \$780.00        | \$220.00        | \$55.00        | \$8.00        | \$22.70                   | \$27.13        |
| <b>Adjustments</b>    |                 |                 |                |               |                           |                |
| Region (Texas: 91.4%) | (\$67.08)       | (\$18.92)       | (\$4.73)       | (\$0.69)      |                           |                |
| Model Year (100%)     | -               | -               | -              | -             |                           |                |
| Ownership (100%)      | -               | -               | -              | -             |                           |                |
| Operating (100%)      |                 |                 |                |               | -                         |                |
| <b>Total:</b>         | <b>\$712.92</b> | <b>\$201.08</b> | <b>\$50.27</b> | <b>\$7.31</b> | <b>\$22.70</b>            | <b>\$26.75</b> |

**Rate Element Allocation**

| Element                   | Percentage | Value         |
|---------------------------|------------|---------------|
| Depreciation (ownership)  | 59%        | \$460.20 / mo |
| Overhaul (ownership)      | 27%        | \$210.60 / mo |
| CFC (ownership)           | 4%         | \$31.20 / mo  |
| Indirect (ownership)      | 10%        | \$78.00 / mo  |
| Fuel (operating) @ \$3.45 | 82%        | \$18.68 / hr  |

Revised Date: 2nd Half 2013

**From:** Matt McClain [<mailto:mmcclain@woeconstruction.com>]  
**Sent:** Tuesday, April 08, 2014 4:40 PM  
**To:** James Bass  
**Cc:** Scott Pickett; Nick Godkin  
**Subject:** Re: Titus County Sleeper Slab Sawing

Please add \$200 per move in if we are unable to do at time of green sawing. Thanks!

On Apr 8, 2014, at 4:37 PM, "Scott Pickett" <[spickett@jcgllc.com](mailto:spickett@jcgllc.com)> wrote:

**From:** Matt McClain [<mailto:mmcclain@woeconstruction.com>]  
**Sent:** Tuesday, April 08, 2014 3:46 PM  
**To:** James Bass  
**Cc:** Scott Pickett; Nick Godkin  
**Subject:** Re: Titus County Sleeper Slab Sawing

Confirmed. Thanks for the work!

On Apr 8, 2014, at 3:44 PM, "James Bass" <[jbass@jcgllc.com](mailto:jbass@jcgllc.com)> wrote:

Matt,

As we agreed on the cost for sawing the 4" HMAc and 2" of base material for the Titus County job will be \$1.50 per linear foot. We roughly will need a total of 1612.4' for the sleeper slabs, which will give us a total of \$2,418.60.

Thanks,

James Bass

# Purchase Agreement

Job: 10519-

Purchase Agreement #: 10519-07

**Vendor:**  
 21353 LMP CONCRETE  
 PO BOX 1599  
 MT PLEASANT, TX 75456

Date Ordered: 3/27/13  
 Ordered By:  
 Expected Date:  
 Payment Terms: NET 30 DAYS

**Bill To:** James Construction Group, LLC  
 5880 W US HWY 190  
 Belton, TX 76513

**Ship To:** TITUS COUNTY FM 1000  
 2592 CR 4410  
 Mount Pleasant, TX 75455  
 Via:

| Item | Material | Description   | UM | Units    | Unit Cost | Total      |
|------|----------|---|----|----------|-----------|------------|
| 1    |          | Class "A" 3000 PSI<br>Job: 10519- Phase: 7800- 10- Date Req:  | CY | 44.00    | 86.00     | 3,794.00   |
| 2    |          | Class "A" 3000 PSI<br>Job: 10519- Phase: 7800- 15- Date Req:  | CY | 50.00    | 86.00     | 4,300.00   |
| 3    |          | Class "A" 3000 PSI<br>Job: 10519- Phase: 5934- 10- Date Req:  | CY | 574.00   | 86.00     | 49,364.00  |
| 4    |          | Class "B" 2000 PSI<br>Job: 10519- Phase: 5936- 10- Date Req:  | CY | 108.00   | 85.00     | 9,180.00   |
| 5    |          | Class "C" 3600 PSI<br>Job: 10519- Phase: 3200- 130- Date Req: | CY | 29.00    | 89.00     | 2,581.00   |
| 6    |          | Class "C" 3600 PSI<br>Job: 10519- Phase: 6550- 10- Date Req:  | CY | 128.70   | 89.00     | 11,454.30  |
| 7    |          | Class "C" 3600 PSI<br>Job: 10519- Phase: 6552- 10- Date Req:  | CY | 601.60   | 89.00     | 53,542.40  |
| 8    |          | Class "C" 3600 PSI<br>Job: 10519- Phase: 6554- 10- Date Req:  | CY | 263.16   | 89.00     | 23,421.24  |
| 9    |          | Class "C" 3600 PSI<br>Job: 10519- Phase: 7575- 10- Date Req:  | CY | 216.50   | 89.00     | 19,265.50  |
| 10   |          | Class "C" 3600 PSI<br>Job: 10519- Phase: 7800- 11- Date Req:  | CY | 23.00    | 89.00     | 2,047.00   |
| 11   |          | Class "C" 3600 PSI<br>Job: 10519- Phase: 5932- 10- Date Req:  | CY | 5.00     | 89.00     | 445.00     |
| 12   |          | Class "C" 3600 PSI<br>Job: 10519- Phase: 5936- 10- Date Req:  | CY | 11.00    | 89.00     | 979.00     |
| 13   |          | Class "C" 3600 PSI<br>Job: 10519- Phase: 7510- 10- Date Req:  | CY | 342.00   | 89.00     | 30,438.00  |
| 14   |          | Class "C" 3600 PSI<br>Job: 10519- Phase: 7512- 10- Date Req:  | CY | 285.00   | 89.00     | 25,332.00  |
| 15   |          | Class "S" 4000 PSI<br>Job: 10519- Phase: 7350- 15- Date Req:  | CY | 1,791.00 | 92.00     | 164,772.00 |
| 16   |          | Class "P" See 360<br>Job: 10519- Phase: 3200- 120- Date Req:  | CY | 4,324.00 | 94.00     | 406,456.00 |
| 17   |          | FLOW FILL   | CY | 26.00    | 74.00     | 1,924.00   |

# Purchase Agreement

Job: 10519-

Purchase Agreement #: 10519-07

**Vendor:** LMP CONCRETE  
21353 PO BOX 1599  
MT PLEASANT, TX 75456

Date Ordered: 3/27/13  
Ordered By:  
Expected Date:  
Payment Terms: NET 30 DAYS

**Bill To:** James Construction Group, LLC  
5880 W US HWY 190  
Belton, TX 76513

**Ship To:** TITUS COUNTY FM 1000  
2592 CR 4410  
Mount Pleasant, TX 75455  
Via:

| Item | Material | Description  | UM | Units    | Unit Cost | Total      |
|------|----------|--|----|----------|-----------|------------|
|      |          | Job: 10519- Phase: 3200- 110- Date Req:            |    |          |           |            |
| 18   |          | MATERIAL<br>Job: 10519- Phase: 2118- 10- Date Req: | CY | 1,307.00 | 74.00     | 96,718.00  |
|      |          |  |    |          | Subtotal  | 906,306.44 |
|      |          |  |    |          | Total     | 906,306.44 |

JCG Signature: \_\_\_\_\_

Please print name \_\_\_\_\_

Vendor Signature: \_\_\_\_\_

Please print name \_\_\_\_\_

The following attachments are included with this Purchase Agreement Number 10519-07 :

- Exhibit A - General Conditions
- Exhibit B - Special Requirements
- Exhibit C - EEO Requirements

# Purchase Agreement

Job: 10519-

Purchase Agreement #: 10519-11

**Vendor:** CMC STEEL TEXAS  
14890 PO BOX 3195  
AUSTIN, TX 78764

Date Ordered: 3/27/13  
Ordered By:  
Expected Date:  
Payment Terms: NET 30 DAYS

**Bill To:** James Construction Group, LLC  
5880 W US HWY 190  
Belton, TX 76513

**Ship To:** TITUS COUNTY FM 1000  
2592 CR 4410  
Mount Pleasant, TX 75455  
Via:

| Item | Material | Description  | UM | Units      | Unit Cost | Total      |
|------|----------|--|----|------------|-----------|------------|
| 1    |          | REINF STL EPOXY COATED STRST<br>Job: 10519- Phase: 6550- 11- Date Req: | LB | 20,236.00  | 0.52      | 10,522.72  |
| 2    |          | REINF STL EPOXY COATED STRST<br>Job: 10519- Phase: 6552- 11- Date Req: | LB | 112,826.00 | 0.52      | 58,669.52  |
| 3    |          | REINF STL EPOXY COATED STRST<br>Job: 10519- Phase: 7575- 11- Date Req: | LB | 39,790.00  | 0.52      | 20,690.80  |
| 4    |          | REINF STL EPOXY COATED STRST<br>Job: 10519- Phase: 7350- 16- Date Req: | LB | 358,978.00 | 0.52      | 186,668.56 |
| 5    |          | REINF STL EPOXY COATED STRST<br>Job: 10519- Phase: 7510- 11- Date Req: | LB | 100,184.00 | 0.52      | 52,095.68  |
| 6    |          | REINF STL EPOXY COATED STRST<br>Job: 10519- Phase: 7512- 11- Date Req: | LB | 10,190.00  | 0.52      | 5,298.80   |
| 7    |          | REINF STL STR<br>Job: 10519- Phase: 3200- 140- Date Req:               | LB | 1,920.00   | 0.42      | 806.40     |
| 8    |          | REINF STL STR<br>Job: 10519- Phase: 6030- 10- Date Req:                | LB | 139,582.00 | 0.42      | 58,624.44  |
| 9    |          | REINF STL STR<br>Job: 10519- Phase: 6032- 10- Date Req:                | LB | 20,087.00  | 0.42      | 8,436.54   |
| 10   |          | REINF STL STR<br>Job: 10519- Phase: 6034- 10- Date Req:                | LB | 15,912.00  | 0.42      | 6,683.04   |
| 11   |          | REINF STL STR<br>Job: 10519- Phase: 6554- 11- Date Req:                | LB | 23,042.00  | 0.42      | 9,677.64   |
| 13   |          | REINF STL STR<br>Job: 10519- Phase: 5934- 11- Date Req:                | LB | 20,003.00  | 0.42      | 8,401.26   |
| 14   |          | REINF STL STR<br>Job: 10519- Phase: 5936- 11- Date Req:                | LB | 3,354.00   | 0.42      | 1,408.68   |
| 15   |          | REINF STL STR<br>Job: 10519- Phase: 5938- 11- Date Req:                | LB | 376.00     | 0.42      | 157.92     |
| 16   |          | REINF STL STR<br>Job: 10519- Phase: 7512- 12- Date Req:                | LB | 15,546.00  | 0.42      | 6,529.32   |
| 17   |          | REINF STL STR<br>Job: 10519- Phase: 5932- 11- Date Req:                | LB | 165.00     | 0.42      | 69.30      |



# Purchase Agreement

Job: 10519-

Purchase Agreement # : 10519-11

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|          |            |
|----------|------------|
| Subtotal | 434,740.52 |
| Total    | 434,740.62 |

JCG Signature: \_\_\_\_\_

Please print name \_\_\_\_\_

Vendor Signature: \_\_\_\_\_

Please print name \_\_\_\_\_

The following attachments are included with this Purchase Agreement Number 10519-11 :

- Exhibit A - General Conditions
- Exhibit B - Special Requirements
- Exhibit C - EEO Requirements