

State of West Virginia Department of Administration Quotation
Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

Request for

SH-P

T O

RFQ NUMBER 667C0015

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ADDRESS CORRESPONDENCE TO ATTENTION OF:

JOHN JOHNSTON 304-558-2402

DIVISION OF HIGHWAYS VARIOUS LOCALES AS INDICATED BY ORDER

*709023508 740-484-0331 BBR DRILLING COMPANY INC 41462 PALMER ROAD

BELMONT OH 43718

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Equipment, workmanship and mobilization furnished under this contract shall meet the following requirements:

1. <u>EQUIPMENT REQUIREMENT</u>

- A. Drill shall be mounted on a turntable base with a 240-degree rotation and a 30-inch slide stroke at any point in the arc of rotation.
- B. Drill shall possess a power plant and a mechanical drill assembly, which delivers 35,000 foot-pounds of torque to the Kelly bar, which rotate the Auger or Core Barrel.
- C. Drill shall be equipped with a power plant and mechanical or hydraulic mechanism capable of exerting a down pressure or crowding force of at least 12,000 pounds.
- D. Drill shall be equipped with power and mechanical mechanism to operate a service hoist for installing piles; the hoist system shall have a lifting capacity of 8,000 pounds and be capable of installing (40') piling.
- E. Drill shall be equipped with two (2) hydraulic outriggers and jacks in the front area and two (2) hydraulic outriggers and jacks in the rear of the drill carrier for fast and efficient leveling purposes. The outriggers are not required on track mounted drills.
- F. Vendor shall furnish Augers, Core Barrels, Rock Cutting Teeth, Muck Bucket and Casing which are in good condition. Rock Cutting Teeth shall be of the type and quality comparable to the "Kenametal" brand. Vendor shall, also, furnish all water needed for drilling purposes. All drills are to have at least one operator and one helper present during drilling.

2. MOBILIZATION

One time one way mobilization shall be paid by the Division of Highways for moving of said equipment from the contractor's base of operations to the work site specified in the State Contract Order (SCO) and/or from one Division of Highways work site to another, whichever mileage would be of lesser cost to the Division of Highways. The most direct suitable route from the contractor's base of operations to the work site or between work sites will be agreed upon by the Division of Highways and the contractor as mileage for calculation of Mobilization. The exact location of the contractor's base of operations must be stated on each quotation sheet (mailing address is not adequate).

3. <u>SITE PREPARATION, PLANS, STAKE-OUT, HOLE SIZE AND PILE INSTALLATION</u>

The West Virginia Division of Highways will, in advance of drilling operations, prepare the sites for safe and efficient work. This shall be done in collaboration with the Vendor, or his authorized representative. The Vendor and the West Virginia Division of Highways will jointly determine that safe working conditions do exist and either party will have the right to refuse to perform work if, in their opinion, unsafe working conditions exist.

The West Virginia Division of Highways will provide plans and stakeout of all work to be performed. The location of holes and piles to be installed shall be shown on the plans or directed by the District Engineer/Manager or his designee.

The depth of each hole, angle of inclination from the vertical and the length of each pile shall be shown on the plans, or directed by the District Engineer/Manager or his designee.

The West Virginia Division of Highways will perform required splicing of piles and pile cutoff. Piles shall be furnished, delivered and positioned on the site by the West Virginia Division of Highways so that they are conveniently available for immediate installation at each hole.

The size of holes will be governed by the size of piles. In general, the hole should be at least two (2) inches greater in diameter than the maximum dimension of pile to be installed. In conditions where boulders, etc., are encountered, the hole diameter may have to be considerably larger than the maximum dimensions of the pile. Piles shall be installed immediately after each hole is drilled, unless otherwise directed by the District Engineer/Manager or his designee.

4. **DOWN EQUIPMENT**

Equipment shall be considered down if it is out of production due to mechanical failure or other conditions and no pay will be authorized until production is resumed. The Division of Highways will not pay time for fueling, lubrication and warm-up of the unit (s).

5. WORKMANSHIP

The West Virginia Division of Highways reserves the right to terminate the usage of any drill, which does not perform work in conformance with reasonable production standards.

Production standards will be based on historical performance data under similar circumstances.

Only firms who show evidence of employment of qualified and experienced operators who have satisfactory performance reputation in this specialized field will be considered.

6. BASIS OF PAYMENT

The Vendor may invoice the West Virginia Division of Highways for hours worked on a semi-monthly basis (half and end of month).

Hours worked must be verified and substantiated on a daily basis by an authorized representative of the West Virginia Division of Highways. Payment for hours worked shall include the time required to position equipment, drill and place piles. Down, warm-up and equipment maintenance time will not be considered as work hours. The Vendor shall supply the Division of Highways with daily work tickets as verification of hours worked.

7. BIDDING INSTRUCTIONS

Bidder shall submit a separate bid sheet for each proposed equipment unit.

The Vendor shall quote a single hourly rate for each drill unit proposed, which shall be full compensation for all equipment rental and required operators up to a standard 40 hour workweek. For hours beyond 40 hours in a workweek, the Vendor shall quote a rate per hour to cover overtime costs of labor only and that amount will be added to the operating rate for all additional operating hours beyond 40 hours in a workweek.

The cost of auger and core barrel resurfacing shall be included in unit price bid for operating rate.

The Vendor shall quote for the additional pay items of casing pipe and crane mats which may be needed occasionally when directed by the Engineer.

8. AWARD OF CONTRACT

The award of this contract shall be made to all bidders submitting a bid, which meets the specifications.

9. AWARD OF STATE CONTRACT ORDER (SCO)

The District Engineer/Manager shall issue the SCO to the low bidder based on type and size of equipment required and the lowest projected cost. The SCO shall specify the type and size of equipment required for the project. The projected cost is the estimated hours to complete the project multiplied by the Vendor's hourly rate <u>plus</u> the mobilization costs. Refer to the section titled "Mobilization" for a full explanation of Mobilization Cost.

In the event the low bidder for a particular project cannot perform, the District Engineer/Manager shall have the option to contact the next low bidder. The District Engineer/Manager shall document in writing the Vendor's inability to perform and award to the next low bidder. Vendors must notify the District Engineer/Manager of their ability to perform, within five (5) days of their receipt of a State Contract Order (SCO), or the SCO may be cancelled.

In the event of an emergency situation, the District Engineer/Manager may require notification of a Vendor's ability to perform within twenty-four (24) hours of their receipt of a State Contract Order (SCO).

Each SCO for hiring Power Earth and Rock Augers/Drills with Operators must list the <u>tentative date the project is to begin</u>. Work on the project shall be continuous unless approved by the District Engineer/Manager.

Vendors performance on any project may be considered when awarding subsequent State Contract Orders (SCO's).

Prior approval for Holiday work shall be obtained from the District Engineer/Manager. The official Holidays are New Year's, Martin Luther King, Jr. Day, Lincoln's Birthday, Washington's Birthday, Memorial Day, West Virginia Day, Fourth of July, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day, Christmas Day, Election (Primary and General) Day, and other days proclaimed by the President or Governor.

10. WAGE RATES

The Contractor or Subcontractor shall pay the higher of the U.S. Department of Labor minimum wage rates or the West Virginia Department of Labor minimum wage rates as established for *various* counties, pursuant to West Virginia Code §21-5A, ET SEQ.

11. WORKER'S COMPENSATION

Vendor is required to provide a certificate from Worker's Compensation if successful.

12. <u>INSURANCE</u>

Successful Vendor shall furnish proof of coverage of commercial General Liability Insurance prior to issuance of a contract. Unless otherwise specified in the bid documents, the minimum amount of insurance coverage required is \$250,000.

NOTE: VENDOR SHOULD TYPE PRICE ON QUOTATION SHEET

QUOTATION SHEET

DISTRICT ONE COUNTIES: BOONE, CLAY, KANAWHA, MASON, PUTNAM

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS 41348 Palmer Road, Belmont, OH 43718 take exit 208 off I-70, go South on St.Rte 149 (Exact Location) for 2miles, take next road to right, go 1mile shop is on left side of road.

MANUFACTURER

Note 2: Note 3:

MODEL NUMBER

1981 Watson 2000

To be used when requested by the Engineer.

To be used when requested by the Engineer.

Mounted on International Carrier has **EQUIPMENT MODIFICATIONS** 3 axis leveling derrick for rapid hillside **AND ADDITIONS**

leveling.

SERIAL NUMBER 2000-50

	<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DIAMETER	14"	36"
DEGREE OF ROTATION		
SLIDE STROKE		240 48"
FOOT POUNDS OF TORQUE		35,000
DOWN PRESSURE/CROWDING FORCE		25,000
HOLE DEPTH		60'
OPERATING RATE: ADDITIONAL CHARGE FOR OVERTIME BEYOND 40 HOUR WORKWEEK: (Note 1) MOBILIZATION: CASING PIPE: (Note 2) CRANE MATS: (Note 3)		\$180.00 per hr. \$ 40.00 per hr. \$ 5.00 per mile \$ 12.00 per lineal feet \$2000.00per project site
Note 1: Operating rate applies to first 40 hours. An additional charge may be added to do overtime costs beyond 40 hours.		

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QUOTATION SHEET

DISTRICT ONE COUNTIES: BOONE, CLAY, KANAWHA, MASON, PUTNAM

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41348 Palmer Road, Belmont, OH 43718

BASE OF OPERATIONS Take exit 208 off I-70, go South on Rte 149 for 2 miles, take next to right, go 1mile, shop on (Exact Location) left side of road.

MANUFACTURER

MODEL NUMBER 1989 Texoma 900

EQUIPMENT MODIFICATIONS on Hendrickson Carrier with 2 way

AND ADDITIONS

Outriggers.

SERIAL NUMBER 1090524

			MINIMUM	<u>MAXIMUM</u>
HOLE DI	AMETER		18"	48"
DEGREE	OF ROTATION			360
SLIDE S	TROKE			5 *
FOOT PO	OUNDS OF TORQUE			105,000
DOWN P	RESSURE/CROWDI	NG FORCE		40,000
HOLE DE	EPTH	•		80'
ADDITIO	R WORKWEEK: ATION: PIPE:	OVERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$ 240.00per hr. \$ 40.00per hr. \$ 12.00per mile \$ 12.00per lineal feet \$2000.00per project site
Note 1: Note 2: Note 3:	An additional char overtime costs bey To be used when r	lies to first 40 hours. ge may be added to c ond 40 hours. equested by the Engi equested by the Engi	neer.	

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41348 Palmer Road, Belmont, OH 43718

BASE OF OPERATIONS Take Exit #208 off I-70, go south on St. Rte 149

(Exact Location) for 2 miles, take next road to the right, go 1 mile shop on left side of the road.

MANUFACTURER

MODEL NUMBER Watson 3100

EQUIPMENT MODIFICATIONS
AND ADDITIONS

Mounted on 1999 Tor Truck Carrier 1 way derrick & 2 way with Outriggers.

SERIAL NUMBER 3100-47

		MINIMUM	MAXIMUM
HOLE DIAMETER		20"	60"
DEGREE OF ROTATION			240
SLIDE STROKE			48"
FOOT POUNDS OF TORQU	E		113,000
DOWN PRESSURE/CROWD	ING FORCE		50,000
HOLE DEPTH			80'
OPERATING RATE: ADDITIONAL CHARGE FOR 40 HOUR WORKWEEK: MOBILIZATION: CASING PIPE: CRANE MATS:	OVERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$ 280.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$ 2000.00 per project site
Note 1: Operating rate ap	plies to first 40 hours		

Note 1: Operating rate applies to first 40 hours.

An additional charge may be added to cover

overtime costs beyond 40 hours.

Note 2: To be used when requested by the Engineer. Note 3: To be used when requested by the Engineer.

DISTRICT TWO COUNTIES: CABELL, LOGAN, LINCOLN, MINGO, WAYNE

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

41348 Palmer Road, Belmont, OH 43718

BASE OF OPERATIONS Take exit #208 off I-70, go south on St. Rte 149 (Exact Location) for 2 miles, take next road to right, go 1 mile

shop is on left side of the road.

MANUFACTURER

MODEL NUMBER 1981 Watson 2000

EQUIPMENT MODIFICATIONS Mounted on International Carrier, has 3 axis AND ADDITIONS leveling derrick for rapid hillside leveling.

SERIAL NUMBER 2000-50

			MINIMUM	MAXIMUM
HOLE DI	AMETER		14"	36"
DEGREE	OF ROTATION			240
SLIDE ST	TROKE			48"
FOOT PO	OUNDS OF TORQUE			35,000
DOWN P	RESSURE/CROWDIN	IG FORCE		25,000
HOLE DE	РТН			60 '
ADDITIO	PIPE:	OVERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$ 180. 00 per hr. \$ 40. 00 per hr. \$ 5. 00 per mile \$ 12. 00 per lineal feet \$ 2000.00 per project site
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shop on left side of the road.

MANUFACTURER

MODEL NUMBER 1989 Texoma 900

EQUIPMENT MODIFICATIONS on Hendrickson Carrier, with 2 way

AND ADDITIONS outriggers.

SERIAL NUMBER

1090524

		<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DIAMETER	-	18"	48"
DEGREE OF ROTATION			360
SLIDE STROKE			5 †
FOOT POUNDS OF TORQUE			105,000
DOWN PRESSURE/CROWDING	G FORCE		40,000
HOLE DEPTH			80'
OPERATING RATE: ADDITIONAL CHARGE FOR O' 40 HOUR WORKWEEK: MOBILIZATION: CASING PIPE: CRANE MATS:	VERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$240.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
Note 1: Operating rate application An additional charge overtime costs beyonet 2: To be used when reconstructions and the second and the seco	e may be added to co		
Note 2: To be used when red Note 3: To be used when red	quested by the Engin quested by the Engin	eer. eer.	

DISTRICT TWO COUNTIES: CABELL, LOGAN, LINCOLN, MINGO, WAYNE

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS 41348 Palmer Road, Belmont, OH 43718

(Exact Location) Take exit #208 off I-70, go South on Rte 149

for 2 miles, take next road to right, go 1 mile

shop on left side of the road.

MANUFACTURER

MODEL NUMBER Watson 3100

EQUIPMENT MODIFICATIONS Mounted on 1999 Tor Truck Carrier

AND ADDITIONS

1 way derrick & 2 way with outriggers

SERIAL NUMBER 3100-47

		MINIMUM	MAXIMUM
HOLE DIAMETER		20"	60"
DEGREE OF ROTATION			240
SLIDE STROKE			48"
FOOT POUNDS OF TORQ	UE		113,000
DOWN PRESSURE/CROW	DING FORCE		50,000
HOLE DEPTH			80'
OPERATING RATE: ADDITIONAL CHARGE FO 40 HOUR WORKWEEK: MOBILIZATION: CASING PIPE: CRANE MATS: Note 1: Operating rate a	(Note 1) (Note 2) (Note 3)		\$ 280.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$ 2000.00 per project site
An additional ch	narge may be added to co	over	

overtime costs beyond 40 hours.

To be used when requested by the Engineer. Note 2: To be used when requested by the Engineer. Note 3:

DISTRICT THREE COUNTIES: CALHOUN, WOOD, PLEASANTS, WIRT, RITCHIE, ROANE, JACKSON

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

41348 Palmer Road, Belmont OH 43718

BASE OF OPERATIONS

(Exact Location)

Take exit #208 off I-70, go 2 miles south on St. Rte 149, take next road to right, go

1 mile, shop is on left side of road.

MANUFACTURER

MODEL NUMBER

Note 2:

Note 3:

1981 Watson 2000

To be used when requested by the Engineer.

To be used when requested by the Engineer.

AND ADDITIONS

EQUIPMENT MODIFICATIONS Mounted on International Carrier has 3 axis leveling derrick for rapid

hillside leveling.

SERIAL NUMBER 2000-50

			MINIMUM	<u>MAXIMUM</u>
HOLE DI	AMETER		14"	36"
DEGREE	OF ROTATION			240
SLIDE ST	TROKE	•		48"
FOOT PC	OUNDS OF TORG	QUE		35,000
DOWN P	RESSURE/CROV	VDING FORCE		25,000
HOLE DE	PTH			60'
ADDITIO	R WORKWEEK: ATION: PIPE:	OR OVERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$ 180.00 per hr. \$ 40.00 per hr. \$ 5.00 per mile \$ 12.00 per lineal feet \$ 2000.00 per project site
Note 1:	An additional c	applies to first 40 hours. harge may be added to co beyond 40 hours.	over	THE PROJECT ONC

DISTRICT THREE COUNTIES: CALHOUN, WOOD, PLEASANTS, WIRT, RITCHIE, ROANE, JACKSON

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

(Exact Location)

41348 Palmer Road, Belmont, OH 43718 Take exit #208 off I-70, go south on Ste. Rte 149 for 2 miles, take next road to right, go

1 mile, shop on left side of road.

MANUFACTURER

MODEL NUMBER

1989 Texoma 900

EQUIPMENT MODIFICATIONS On Hendrickson Carrier with

AND ADDITIONS

2 way outriggers

SERIAL NUMBER

1090524

	<u>N</u>	<u>IINIMUM</u>	<u>MAXIMUM</u>
HOLE DIAMETER	42	18"	48"
DEGREE OF ROTATION			360
SLIDE STROKE			5'
FOOT POUNDS OF TORQUE			105,000
DOWN PRESSURE/CROWDING	FORCE		40,000
HOLE DEPTH			80'
MOBILIZATION: CASING PIPE: (N	ERTIME BEYOND Note 1) Note 2) Note 3)		\$ 240.00per hr. \$ 40.00per hr. \$ 12.00 per mile \$ 12.00per lineal feet \$ 2000.00per project site
Note 1: Operating rate applies An additional charge novertime costs beyond Note 2: To be used when requ	nay be added to cove d 40 hours. ested by the Enginee	r.	
Note 3: To be used when requ	ested by the Enginee	r.	

DISTRICT THREE COUNTIES: CALHOUN, WOOD, PLEASANTS, WIRT, RITCHIE, ROANE, JACKSON

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS 41348 Palmer Road, Belmont, OH 43718
Take exit #208 off I-70, go south on St Rte
(Exact Location) 149 for 2 miles, take next road to the right, go
1 mile, ship on left side of the road.

MANUFACTURER

Note 2:

Note 3:

MODEL NUMBER Watson 3100

overtime costs beyond 40 hours.

To be used when requested by the Engineer. To be used when requested by the Engineer.

EQUIPMENT MODIFICATIONS Mounted on 1999 Tor Truck Carrier AND ADDITIONS

Mounted on 1999 Tor Truck Carrier 2 way with outriggers.

SERIAL NUMBER 3100-47

		MINIMUM	MAXIMUM
HOLE DIAMETER	र	20"	60"
DEGREE OF RO	TATION		240
SLIDE STROKE			48"
FOOT POUNDS	OF TORQUE		113,000
DOWN PRESSU	RE/CROWDING FORCE		50,000
HOLE DEPTH			80'
OPERATING RATADDITIONAL CH 40 HOUR WORK MOBILIZATION: CASING PIPE: CRANE MATS:	ARGE FOR OVERTIME BEYON	ID	\$ 280.00per hr. \$ 40.00per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$2000.00 per project sit
Note 1: Operat	ing rate applies to first 40 hou litional charge may be added t	rs. o cover	

DISTRICT FOUR COUNTIES: TAYLOR, MARION, PRESTON, HARRISON, DODDRIDGE, MONONGALIA

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

41348 Palmer Road, Belmont, OH 43718 **BASE OF OPERATIONS** Take exit #208 off I-70, go South on (Exact Location) St. Rte 149 for 2 miles, take next road to right go 1 mile shop is on left side of the road.

MANUFACTURER

MODEL NUMBER

1981 Watson 2000

To be used when requested by the Engineer.

EQUIPMENT MODIFICATIONS Mounted on International Carrier

AND ADDITIONS

Note 3:

has 3 axis leveling derrick for rapid

hillside leveling.

SERIAL NUMBER 2000-50

			MINIMUM	<u>MAXIMUM</u>
HOLE DI	AMETER	-	14"	36"
DEGREE	OF ROTATION			240
SLIDE ST	ROKE			48"
FOOT PC	UNDS OF TORQUE			35,000
DOWN P	RESSURE/CROWDIN	G FORCE		25,000
HOLE DE	РТН			60'
ADDITIO	PIPE:	(Note 2) (Note 3)		\$ 180.00 per hr. \$ 40.00 per hr. \$ 5.00 per mile \$ 12.00 per lineal feet \$ 2000.00 per project site
Note 1:	An additional chargovertime costs bey	ies to first 40 hours je may be added to ond 40 hours. equested by the Eng	cover	

DISTRICT FOUR COUNTIES: TAYLOR, MARION, PRESTON, HARRISON, DODDRIDGE, MONONGALIA

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont, OH 43718

(Exact Location)

Take exit #208 off I-70, go south on ST

Rte 149 for 2 miles, take next road to right, go

1 mile, shop is on left side of road.

MANUFACTURER

MODEL NUMBER

Note 3:

1989 Texoma 900

EQUIPMENT MODIFICATIONS Mounted on Hendrickson Carrier

AND ADDITIONS with 2 way outriggers.

To be used when requested by the Engineer.

SERIAL NUMBER 1090524

			<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DI	AMETER		18"	48"
DEGREE	OF ROTATION			360
SLIDE S	TROKE			5 '
FOOT PO	OUNDS OF TORQUE			105,000
DOWN P	RESSURE/CROWDII	NG FORCE		40,000
HOLE DE	PTH			80'
ADDITIO	R WORKWEEK: ATION: PIPE:	OVERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$ 240.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
Note 1:	An additional chargovertime costs bey	lies to first 40 hours. ge may be added to d ond 40 hours. equested by the Eng	cover	

DISTRICT FOUR COUNTIES: TAYLOR, MARION, PRESTON, HARRISON, DODDRIDGE, MONONGALIA

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont, OH 43718

Take exit #208 off I-70, go south on St Rte 149 (Exact Location) for 2 miles, take next road to right, go

1 mile shop on left side of road.

MANUFACTURER

MODEL NUMBER

Watson 3100

EQUIPMENT MODIFICATIONS Mounted on 1999 Tor Truck Carrier, 1 way

AND ADDITIONS

derrick & 2 way with outriggers.

SERIAL NUMBER

3100 - 47

		<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DIAMETER		20"	60"
DEGREE OF ROTATION			240
SLIDE STROKE			48"
FOOT POUNDS OF TORQUE	!		113,000
DOWN PRESSURE/CROWD	ING FORCE		50,000
HOLE DEPTH			80'
OPERATING RATE: ADDITIONAL CHARGE FOR 40 HOUR WORKWEEK: MOBILIZATION: CASING PIPE: CRANE MATS:	OVERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$ 280.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
	plies to first 40 hours. rge may be added to d		

overtime costs beyond 40 hours.

Note 2: To be used when requested by the Engineer. Note 3: To be used when requested by the Engineer.

DISTRICT FIVE COUNTIES: BERKELEY, MINERAL, HAMPSHIRE, MORGAN, JEFFERSON, **GRANT, HARDY**

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

41348 Palmer Road, Belmont, OH 43718 Take exit #208 off I-70 go South on St. Rte **BASE OF OPERATIONS**

149 for 2 miles, take next road to the right, go (Exact Location)

1 mile, shop is on left side of road.

MANUFACTURER

MODEL NUMBER 1981 Watson 2000

EQUIPMENT MODIFICATIONS Mounted on International Carrier

AND ADDITIONS has 3 axis leveling derrick for rapid

hillside leveling.

SERIAL NUMBER 2000-50

		<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DIAMETER		14"	36"
DEGREE OF ROTATION			240
SLIDE STROKE			48"
FOOT POUNDS OF TORQUE			35,000
DOWN PRESSURE/CROWDIN	G FORCE		25,000
HOLE DEPTH			60 '
OPERATING RATE: ADDITIONAL CHARGE FOR O 40 HOUR WORKWEEK: MOBILIZATION: CASING PIPE: CRANE MATS:	(Note 2) (Note 3)		\$ 180.00 per hr. \$ 40.00 per hr. \$ 5.00 per mile \$ 12.00 per lineal feet \$ 2000.00 per project site
Note 1: Operating rate appli	ies to first 40 hours.		

An additional charge may be added to cover

overtime costs beyond 40 hours.

To be used when requested by the Engineer. Note 2: Note 3: To be used when requested by the Engineer.

DISTRICT FIVE COUNTIES: BERKELEY, MINERAL, HAMPSHIRE, MORGAN, JEFFERSON, GRANT, HARDY

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont, OH 43718 Take exit #208 off I-70, go south on St.

(Exact Location)

Rte 149 for 2 miles, take next road to the

right, go 1 mile, shop on left side of road.

MANUFACTURER

MODEL NUMBER

1989 Texoma 900

EQUIPMENT MODIFICATIONS Mounted on Hendrickson Carrier

AND ADDITIONS

with 2 way outriggers.

SERIAL NUMBER

1090524

			MINIMUM	<u>MAXIMUM</u>
HOLE DIA	AMETER		18"	48"
DEGREE	OF ROTATION			360
SLIDE ST	ROKE			5 *
FOOT PO	UNDS OF TORQUE			105,000
DOWN P	RESSURE/CROWDI	NG FORCE		40,000
HOLE DE	РТН			80'
ADDITION	R WORKWEEK: ATION: PIPE:	OVERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$ 240.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
Note 1: Note 2: Note 3:	An additional char overtime costs bey To be used when r	lies to first 40 hours. ge may be added to co ond 40 hours. equested by the Engir equested by the Engir	ieer.	

DISTRICT FIVE COUNTIES: BERKELEY, MINERAL, HAMPSHIRE, MORGAN, JEFFERSON, GRANT, HARDY

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS (Exact Location)

41348 Palmer Road, Belmont, OH 43718
Take exit #208 Off I-70, go south on
St Rte 149 for 2 miles, take next road
to right, go 1 mile, shop on left side

of road

MANUFACTURER

MODEL NUMBER

Watson 3100

EQUIPMENT MODIFICATIONSAND ADDITIONS

Mounted on 1999 Tor Truck Carrier, 1 way derrick & 2 way with outriggers.

SERIAL NUMBER

Note 3:

3100-47

To be used when requested by the Engineer.

	<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DIAMETER	20"	60"
DEGREE OF ROTATION		240
SLIDE STROKE		48"
FOOT POUNDS OF TORQUE		113,000
DOWN PRESSURE/CROWDING FORCE		50,000
HOLE DEPTH		80'
OPERATING RATE: ADDITIONAL CHARGE FOR OVERTIME BEYONE 40 HOUR WORKWEEK: (Note 1) MOBILIZATION: CASING PIPE: (Note 2) CRANE MATS: (Note 3)		\$ 280.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
Note 1: Operating rate applies to first 40 hours. An additional charge may be added to overtime costs beyond 40 hours. Note 2: To be used when requested by the English	cover	

DISTRICT SIX COUNTIES: BROOKE, HANCOCK, MARSHALL, OHIO, TYLER, WETZEL

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont, OH 43718 Take exit #208 off I-70, go South on

(Exact Location)

St. Rte 149 for 2 miles, take next road to

the right, go 1 mile, shop is on left of road.

MANUFACTURER

MODEL NUMBER

1981 Watson 2000

EQUIPMENT MODIFICATIONS

AND ADDITIONS

Mounted on International Carrier has 3 axis leveling derrick for rapid

BAILIBALISA

hillside leveleing.

SERIAL NUMBER 2000-50

		MINIMUM	<u>MAXIMUM</u>
HOLE DIAME	ΓER	14"	36"
DEGREE OF I	ROTATION		240
SLIDE STROK	E		48"
FOOT POUND	S OF TORQUE		35,000
DOWN PRESS	SURE/CROWDING FORCE		25,000
HOLE DEPTH		,	60'
OPERATING F ADDITIONAL (40 HOUR WO MOBILIZATION CASING PIPE: CRANE MATS	CHARGE FOR OVERTIME BEYOND RKWEEK: (Note 1) N: (Note 2)		\$ 160.00 per hr. \$ 30.00 per hr. \$ 3.00 per mile \$ 5.00 per lineal feet \$ 500.00 per project site
An a over Note 2: To b	rating rate applies to first 40 hours. additional charge may be added to c time costs beyond 40 hours. he used when requested by the Engi he used when requested by the Engi	over	

DISTRICT SIX COUNTIES: BROOKE, HANCOCK, MARSHALL, OHIO, TYLER, WETZEL

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont OH 43718

(Exact Location)

Take exit #208 off I-70, go south on St RTE. 149, go 2 miles, take next road

to right, go 1 mile, shop on left side of

road.

MODEL NUMBER

MANUFACTURER

1989 Texoma 900

EQUIPMENT MODIFICATIONS

Mounted on Hendrickson Carrier

AND ADDITIONS

with 2 way ourtriggers.

SERIAL NUMBER 1090524

MINIMUM MAXIMUM HOLE DIAMETER 18" 48" **DEGREE OF ROTATION** 360 **SLIDE STROKE** 5 ! FOOT POUNDS OF TORQUE 105,000 DOWN PRESSURE/CROWDING FORCE 40,000 HOLE DEPTH 80' **OPERATING RATE:** \$ 240.00per hr. ADDITIONAL CHARGE FOR OVERTIME BEYOND 40.00 per hr. 40 HOUR WORKWEEK: (Note 1) MOBILIZATION: 12 noper mile **CASING PIPE:** (Note 2) 12.00per lineal feet **CRANE MATS:** (Note 3) \$ 2000,00per project site

Note 1: Operating rate applies to first 40 hours.

An additional charge may be added to cover

overtime costs beyond 40 hours.

Note 2: To be used when requested by the Engineer.

Note 3: To be used when requested by the Engineer.

DISTRICT SIX COUNTIES: BROOKE, HANCOCK, MARSHALL, OHIO, TYLER, WETZEL

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

41348 Palmer Road, Belmont, OH 43718 BASE OF OPERATIONS Take exit #208 off I-70, go 2 miles south (Exact Location) on St Rte 149, take next road to right, go 1 mile shop on left.

MANUFACTURER

MODEL NUMBER

Watson 3100

EQUIPMENT MODIFICATIONS Mounted on 1999 Tor Truck Carrier

AND ADDITIONS

1 way derrick & 2 way with outriggers.

SERIAL NUMBER

3100-47

	MINIMUM	<u>MAXIMUM</u>
HOLE DIAMETER	20"_	60 "
DEGREE OF ROTATION		240
SLIDE STROKE		48"
FOOT POUNDS OF TORQUE		113,000
DOWN PRESSURE/CROWDING FORCE		50,000
HOLE DEPTH	•	80 '
OPERATING RATE: ADDITIONAL CHARGE FOR OVERTIME BEYON 40 HOUR WORKWEEK: (Note 1) MOBILIZATION: CASING PIPE: (Note 2) CRANE MATS: (Note 3)	D	\$ 280.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$ 2000.00 per project site
Note 1: Operating rate applies to first 40 hour An additional charge may be added to overtime costs beyond 40 hours. Note 2: To be used when requested by the Er Note 3: To be used when requested by the Er	o cover	

DISTRICT SEVEN COUNTIES: BARBOUR, LEWIS, BRAXTON, GILMER, UPSHUR, WEBSTER

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS (Exact Location)

41348 Palmer Road, Belmont, OH 43718 Take exit #208 off I-70, go 2 miles south on St Rte 149, take next road to right, go

1 mile, shop is on left of road.

MANUFACTURER

MODEL NUMBER

1981 Watson 2000

EQUIPMENT MODIFICATIONS

AND ADDITIONS

Mounted on International Carrier has 3 axis leveling derrick for rapid

hillside leveling.

SERIAL NUMBER

		<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DIAMETER		14"	36"
DEGREE OF ROTATION			240
SLIDE STROKE			48"
FOOT POUNDS OF TORQUE			35,000
DOWN PRESSURE/CROWDIN	IG FORCE		25,000
HOLE DEPTH			60'
OPERATING RATE: ADDITIONAL CHARGE FOR C 40 HOUR WORKWEEK: MOBILIZATION: CASING PIPE: CRANE MATS:	(Note 2) (Note 3)		\$ 180.00 per hr. \$ 40.00 per hr. \$ 5.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
Note 1: Operating rate appl	lies to first 40 hours.		

An additional charge may be added to cover

overtime costs beyond 40 hours.

To be used when requested by the Engineer. Note 2: To be used when requested by the Engineer. Note 3:

DISTRICT SEVEN COUNTIES: BARBOUR, LEWIS, BRAXTON, GILMER, UPSHUR, WEBSTER

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS 41348 Palmer Road, Belmont, OH 43718
Take exit #208 off I-70, go south
(Exact Location) on St Rte 149 for 2 miles, take next road to the right go 1 mile, shop on left side of road.

MANUFACTURER

MODEL NUMBER

1989 Texoma 900

To be used when requested by the Engineer. To be used when requested by the Engineer.

EQUIPMENT MODIFICATIONS

Mounted on Hedrickson Carrier

AND ADDITIONS

Note 2:

Note 3:

with 2 way outriggers.

SERIAL NUMBER 1090524

HOLE DIAMETER	MINIMUM 18"	MAXIMUM 48"
DEGREE OF ROTATION		360
SLIDE STROKE		5'
FOOT POUNDS OF TORQUE		105,000
DOWN PRESSURE/CROWDING FORCE		40,000
HOLE DEPTH		80'
OPERATING RATE: ADDITIONAL CHARGE FOR OVERTIME BEYOND 40 HOUR WORKWEEK: (Note 1) MOBILIZATION: CASING PIPE: (Note 2) CRANE MATS: (Note 3)		\$ 240.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
Note 1: Operating rate applies to first 40 hours An additional charge may be added to overtime costs beyond 40 hours.	cover	

DISTRICT SEVEN COUNTIES: BARBOUR, LEWIS, BRAXTON, GILMER, UPSHUR, WEBSTER

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

41348 Palmer Road, Belmont, OH 43718

BASE OF OPERATIONS Take Exit #208 off I-70, go South on St Rte (Exact Location) 149 for 2 miles, take next road to right, go 1 mile shop is on the left.

MANUFACTURER

Note 2:

Note 3:

MODEL NUMBER Watson 3100

EQUIPMENT MODIFICATIONS

Mounted on 1999 Tor Truck Carrier

1 way derrick & 2 way with outriggers.

SERIAL NUMBER 3100-47

		<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DIAMETER		20"	60"
DEGREE OF ROTATION			240
SLIDE STROKE			48"
FOOT POUNDS OF TORQUE			113,000
DOWN PRESSURE/CROWDII	NG FORCE		50,000
HOLE DEPTH			80'
OPERATING RATE: ADDITIONAL CHARGE FOR 6 40 HOUR WORKWEEK: MOBILIZATION: CASING PIPE: CRANE MATS:	(Note 2) (Note 3)		\$ 280.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
Note 1: Operating rate app An additional char- overtime costs bey	lies to first 40 hours. ge may be added to c ond 40 hours.	over	

To be used when requested by the Engineer. To be used when requested by the Engineer.

DISTRICT EIGHT COUNTIES: PENDLETON, POCAHONTAS, RANDOLPH, TUCKER

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont, OH 43718

(Exact Location)

Take exit #208 off I-70, go 2 miles south on St Rte 149, take next road to right, go

1 mile, shop is on left of road.

MANUFACTURER

MODEL NUMBER

1981 Watson 2000

EQUIPMENT MODIFICATIONS

Mounted on International Carrier

AND ADDITIONS

has 3 axis leveling derrick for rapid

hillside leveling.

SERIAL NUMBER

2000-50

			MINIMUM	<u>MAXIMUM</u>
HOLE DI	AMETER		14"	36"
DEGREE	OF ROTATION			240
SLIDE S	TROKE			48**
FOOT PO	DUNDS OF TORQUE			35,000
DOWN P	RESSURE/CROWDI	NG FORCE		25,000
HOLE DE	EPTH			60'
ADDITIO	R WORKWEEK: ATION: PIPE:	OVERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$ 180.00 per hr. \$ 40.00 per hr. \$ 5.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
Note 1:	Operating rate app An additional characters has	lies to first 40 hours. ge may be added to co	over	

overtime costs beyond 40 hours.

To be used when requested by the Engineer. Note 2: Note 3: To be used when requested by the Engineer.

DISTRICT EIGHT COUNTIES: PENDLETON, POCAHONTAS, RANDOLPH, TUCKER

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont, OH 43718 Take exit #208 off I-70, go south on

(Exact Location)

St Rte 149 for 2 miles, take next road to right

go 1 mile, shop on left side of road.

MANUFACTURER

MODEL NUMBER

1999 Texoma 900

overtime costs beyond 40 hours.

To be used when requested by the Engineer.

To be used when requested by the Engineer.

EQUIPMENT MODIFICATIONS

Mounted on Hendrickson Carrier with

AND ADDITIONS

Note 2:

Note 3:

2 way outriggers

SERIAL NUMBER 1090524

			MINIMUM	<u>MAXIMUM</u>
HOLE DI	AMETER		18"	48"
DEGREE	OF ROTATION			360
SLIDE ST	ROKE			5 '
FOOT PC	UNDS OF TORQUE			105,000
DOWN PI	RESSURE/CROWDI	NG FORCE		40,000
HOLE DE	PTH			80'
ADDITION	R WORKWEEK: ATION: PIPE:	OVERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$ 240.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
Note 1:	Operating rate app An additional char	lies to first 40 hours. ge may be added to c	over	

DISTRICT EIGHT COUNTIES: PENDLETON, POCAHONTAS, RANDOLPH, TUCKER

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS (Exact Location)

41348 Palmer Road, Belmont, OH 43718
Take exit #208 off I-70, go south on St
Rte 149, go 2 miles, take next road to the
right, go 1 mile, shop on left side of road.

MANUFACTURER

MODEL NUMBER

Watson 3100

To be used when requested by the Engineer.

To be used when requested by the Engineer.

EQUIPMENT MODIFICATIONS

Mounted on 1999 Tor truck Carrier

AND ADDITIONS

Note 2:

Note 3:

1 way derrick & 2 way with outriggers

SERIAL NUMBER 3100-47

			MINIMUM	<u>MAXIMUM</u>
HOLE DI	AMETER		20"	60 "
DEGREE	OF ROTATION			240
SLIDE ST	ROKE			48"
FOOT PO	UNDS OF TORQUE			113,000
DOWN PR	RESSURE/CROWDI	NG FORCE		50,000
HOLE DE	PTH			80'
ADDITION	R WORKWEEK: ATION: PIPE:	OVERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$ 280.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
	Operating rate app An additional charg overtime costs bey	lies to first 40 hours. ge may be added to co ond 40 hours.	over	TELEVISION PROJECT SILE

DISTRICT NINE COUNTIES: SUMMERS, FAYETTE, NICHOLAS, MONROE, GREENBRIER

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont, OH 43718

(Exact Location)

Take exit #208 off I-70, go south on St Rte 149 for 2 miles, take next road to right, go

1 mile, shop on left side of road.

MANUFACTURER

MODEL NUMBER

1981 Watson 2000

EQUIPMENT MODIFICATIONS

AND ADDITIONS

Mounted on International Carrier

has 3 axis leveling derrick for rapid

hillside leveling.

SERIAL NUMBER

2000-50

	MINIM	<u>MAXIMUM</u>
HOLE DIAMETER	14"	36"
DEGREE OF ROTATION		240
SLIDE STROKE		48"
FOOT POUNDS OF TORQUE		35,000
DOWN PRESSURE/CROWDING	FORCE	25,000
HOLE DEPTH		60'
OPERATING RATE: ADDITIONAL CHARGE FOR ON 40 HOUR WORKWEEK: MOBILIZATION: CASING PIPE: CRANE MATS:	/ERTIME BEYOND (Note 1) (Note 2) (Note 3)	\$ 180.00 per hr. \$ 40.00 per hr. \$ 5.00 per mile \$ 12.00 per lineal feet \$2000.00 per project site
overtime costs beyo Note 2: To be used when red	may be added to cover	

DISTRICT NINE COUNTIES: SUMMERS, FAYETTE, NICHOLAS, MONROE, GREENBRIER

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont, OH 43718

(Exact Location)

Take exit #208 off I-70, go south on St Rte 149 for 2 miles, take next road to right

go 1 mile, shop on left side of road.

MANUFACTURER

MODEL NUMBER

1999 Texoma 900

EQUIPMENT MODIFICATIONS

Mounted on Hendrickson Carrier with

AND ADDITIONS

2 way outriggers.

SERIAL NUMBER

1090524

		<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DIAMETER	યૂર	18 "	46"
DEGREE OF ROTATION			360
SLIDE STROKE			5'
FOOT POUNDS OF TORQUE			105,000
DOWN PRESSURE/CROWDII	NG FORCE		40,000
HOLE DEPTH			80'
OPERATING RATE: ADDITIONAL CHARGE FOR (40 HOUR WORKWEEK: MOBILIZATION: CASING PIPE: CRANE MATS:	OVERTIME BEYOND (Note 1) (Note 2) (Note 3)		\$ 240.00 per hr. \$ 40.00 per hr. \$ 12.00 per mile \$ 12.00 per lineal feet \$ 2000.00 per project site
An additional char- overtime costs bey Note 2: To be used when r	lies to first 40 hours. ge may be added to c ond 40 hours. equested by the Engi equested by the Engi	neer.	

DISTRICT NINE COUNTIES: SUMMERS, FAYETTE, NICHOLAS, MONROE, GREENBRIER

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont, OH 43718

(Exact Location)

Take exit #208 off I-70, go south 2 miles on St Rte 149, take next road to the right, go

1 mile, shop on left side of road.

MANUFACTURER

MODEL NUMBER

Watson 3100

To be used when requested by the Engineer.

EQUIPMENT MODIFICATIONS

Mounted on 1999 Tor Carrier

AND ADDITIONS

1 way derrick & 2 way with outriggers

SERIAL NUMBER

Note 3:

3100 - 47

			<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DI	AMETER		20"	60"
DEGREE	OF ROTATION			240
SLIDE ST	TROKE			48"
FOOT PO	OUNDS OF TORQUE			113,000
DOWN P	RESSURE/CROWDIN	IG FORCE		50,000
HOLE DE	ЕРТН			80'
ADDITIO	PIPE:	(Note 2) (Note 3)		\$ 280.00per hr. \$ 40.00per hr. \$ 12.00per mile \$ 12.00per lineal feet \$ 2000.00per project site
Note 1:		lies to first 40 hours. ge may be added to c ond 40 hours.	over	
Note 2:		equested by the Engi	neer.	

DISTRICT TEN COUNTIES: MCDOWELL, MERCER, RALEIGH, WYOMING

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont, OH 43718

(Exact Location)

Take exit #208 off I-70, go south on st.Rte 149,go south for 2 miles, take next road to

the right, go 1 mile, shop on left side of road.

MANUFACTURER

MODEL NUMBER

1981 Watson 2000

overtime costs beyond 40 hours.

To be used when requested by the Engineer. To be used when requested by the Engineer.

EQUIPMENT MODIFICATIONS

AND ADDITIONS

Note 2:

Note 3:

Mounted on International Carrier has 3 axis leveling derrick for rapid

hillside leveling.

SERIAL NUMBER 2000-50

	·	<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DIAMETER	પ ે	14"	36"
DEGREE OF ROTATION			240
SLIDE STROKE			48"
FOOT POUNDS OF TORQUE			35,000
DOWN PRESSURE/CROWDING	G FORCE		25,000
HOLE DEPTH	·		60 '
OPERATING RATE: ADDITIONAL CHARGE FOR O)	\$ 180.00per hr.
40 HOUR WORKWEEK: MOBILIZATION:	(Note 1)		\$ 40.00per hr. \$ 5.00per mile
CASING PIPE:	(Note 2)		\$ 12.00per lineal feet
CRANE MATS:	(Note 3)		\$ 2000, 00 per project site
Note 1: Operating rate appli An additional charg			

DISTRICT TEN COUNTIES: MCDOWELL, MERCER, RALEIGH, WYOMING

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS

41348 Palmer Road, Belmont, OH 43718

(Exact Location)

Take exit #208 off I-70, go south on St Rte 149 for 2 miles, take next road to right, go 1 mile, shop on left side of road

MANUFACTURER

MODEL NUMBER

1999 Texoma 900

Note 3: To be used when requested by the Engineer.

EQUIPMENT MODIFICATIONS

Mounted on Hendrickson Carrier with

AND ADDITIONS

2 way outriggers.

SERIAL NUMBER 1090524

		<u>MINIMUM</u>	<u>MAXIMUM</u>
HOLE DIA	AMETER	18"	46"
DEGREE	OF ROTATION		360
SLIDE ST	ROKE		5'
FOOT PO	OUNDS OF TORQUE		105,000
DOWN PI	RESSURE/CROWDING FORCE		40,000
HOLE DE	PTH		80'
ADDITIO	PIPE: (Note 2)		\$ 240.00per hr. \$ 40.00per hr. \$ 12.00per mile \$ 12.00per lineal feet \$ 2000.00per project site
Note 1:	Operating rate applies to first 40 hours. An additional charge may be added to covertime costs beyond 40 hours. To be used when requested by the Engi		

DISTRICT TEN COUNTIES: MCDOWELL, MERCER, RALEIGH, WYOMING

THE FOLLOWING MUST BE COMPLETED FOR EACH MODEL OF EQUIPMENT QUOTED:

BASE OF OPERATIONS (Exact Location)

41348 Palmer Road, Belmont, OH 43718
Take exit #208 off I-70, go south on St
Rte 149 for 2 miles, take next road to the

right, shop on left side of road.

MANUFACTURER

MODEL NUMBER

Watson 3100

To be used when requested by the Engineer.

EQUIPMENT MODIFICATIONS Mounted on 1999 Tor Carrier

AND ADDITIONS

Note 3:

1 way derrick & 2 Way With Outriggers

SERIAL NUMBER 3100-47

	MINIMU	<u>MAXIMUM</u>
HOLE DIAMETER	20"	6011
DEGREE OF ROTATION		240
SLIDE STROKE		48"
FOOT POUNDS OF TORQUE		113,000
DOWN PRESSURE/CROWDING	FORCE	50,000
HOLE DEPTH		80'
MOBILIZATION: CASING PIPE:	ERTIME BEYOND (Note 1) (Note 2) (Note 3)	\$ 280.00per hr. \$ 40.00per hr. \$ 12.00per mile \$ 12.00per lineal feet \$ 2000.00per project site
overtime costs beyor	may be added to cover	

Client#: 73541 **4PAULCBA** ACORD. CERTIFICATE OF LIABILITY INSURANCE DATE (MM/DD/YYYY) 05/23/06 THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION Hilb Rogal & Hobbs of Ohio ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE 2245 North Bank Drive HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. Columbus, OH 43220-5422 614 457-7000 **INSURERS AFFORDING COVERAGE** NAIC# INSURED INSURER A: Travelers Indemnity Co. B B R Drilling Company, Inc. 25658 INSURER B: Travelers Property Cas. Co. of Ameri 41452 Palmer Rd. 25674 INSURER C: Belmont, OH 43718 INSURER D: INSURER E: **COVERAGES** THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. INSR ADD'L LTR INSRO POLICY EFFECTIVE POLICY EXPIRATION DATE (MM/DD/YY) TYPE OF INSURANCE **POLICY NUMBER** Α **GENERAL LIABILITY** DTCO291D1400IND06 05/23/06 05/23/07 EACH OCCURRENCE \$2,000,000 COMMERCIAL GENERAL LIABILITY DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 CLAIMS MADE | X OCCUR MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$2,000,000 **GENERAL AGGREGATE** \$4,000,000 GEN'L AGGREGATE LIMIT APPLIES PER PRODUCTS - COMP/OP AGG \$4,000,000 POLICY В **AUTOMOBILE LIABILITY** DT810291D1400TIL06 05/23/06 05/23/07 COMBINED SINGLE LIMIT X ANY AUTO \$1,000,000 (Ea accident) ALL OWNED AUTOS BODILY INJURY **SCHEDULED AUTOS** (Per person) X HIRED AUTOS BODILY INJURY (Per accident) NON-OWNED AUTOS PROPERTY DAMAGE (Per accident) GARAGE LIABILITY AUTO ONLY - EA ACCIDENT ANY AUTO \$ OTHER THAN AUTO ONLY: EA ACC AGG В EXCESS/UMBRELLA LIABILITY DTCUP291D1400TIL06 05/23/06 05/23/07 **EACH OCCURRENCE** \$3,000,000 OCCUR **CLAIMS MADE** AGGREGATE \$3,000,000 DEDUCTIBLE RETENTION **WORKERS COMPENSATION AND** WC STATU-TORY LIMITS OTH-**EMPLOYERS' LIABILITY** ANY PROPRIETOR/PARTNER/EXECUTIVE E.L. EACH ACCIDENT OFFICER/MEMBER EXCLUDED? if yes, describe under SPECIAL PROVISIONS below E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT OTHER DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS RE: PO# 666C0007 **CERTIFICATE HOLDER** CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION West Virginia Dept of Trans. DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN Attn: Walladean Fisher NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL **Building 5 Capital Complex** IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR Charleston, WV 25305 REPRESENTATIVES. **AUTHORIZED REPRESENTATIVE** arrison ACORD 25 (2001/08) 1 of 2 #S318126/M318115

IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.