



INVOICE
 PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807
 801 298-5600 Fax 801 298-5750

Invoice Number: 14903030 RI 149
 Invoice Date: 01/31/02

1611031
 CALPINE CORPORATION
 1200 Ancy Lane
 Pittsburg CA 94565

CALPINE CORPORATION

Customer Reference Numbers

ORDER BY DARV ANDERSON
 N/A
 03-6208

Customer Message:

<u>Description</u>	<u>Quantity</u>	<u>UM</u>	<u>Unit Price</u>	<u>Amount</u>
TRAVEL TO PITTSBURG, CA. 01/02/02 & 01/03/02 WORK ORDER 14977232 01/01/02				
24 PER DIEM	23.00	Each	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
509 TRAVEL	14.25	Hour	.0000	
11165 LIQUID VACUUM 70 BBL 70-V	790.00	Mile	.0000	
11251 TRUCK GEAR 50-50	790.00	Mile	.0000	
936 TRUCK GEAR 50-49	790.00	Mile	.0000	
3796 TRUCK GEAR 50-47	790.00	Mile	.0000	
11250 TRUCK GEAR 50-51	790.00	Mile	.0000	
3837 HYDROBLASTR 20KPSI 200HP 70-1	790.00	Mile	.0000	
SUBTOTAL: WORK ORDER 14977232				

SAFETY TRAINING & SET UP
 WORK ORDER 14977233
 01/01/02

24 PER DIEM	10.00	Each	.0000	
2 SUPERVISOR	8.00	Hour	.0000	
2 SUPERVISOR	8.00	Hour	.0000	

THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
 Net Due Date: 03/02/02

PSC 0001



INVOICE

PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807

Invoice Number:
 Invoice Date:

14903030 RI 149
 01/31/02

801 298-5600 Fax 801 298-5750

1611031

CALPINE CORPORATION

Customer Reference Numbers

CALPINE CORPORATION
 1200 Arcy Lane
 Pittsburg CA 94565

ORDER BY DARM ANDERSON
 N/A
 03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
1	OPERATOR	8.00	Hour	.0000	
1	OPERATOR	8.00	Hour	.0000	
1	OPERATOR	8.00	Hour	.0000	
1	OPERATOR	8.00	Hour	.0000	
3573	TECHNICIAN SERVICE	8.00	Hour	.0000	
3573	TECHNICIAN SERVICE	8.00	Hour	.0000	
3573	TECHNICIAN SERVICE	8.00	Hour	.0000	
3573	TECHNICIAN SERVICE	8.00	Hour	.0000	
11250	TRUCK GEAR 50-51	1.00	Shift	.0000	
11251	TRUCK GEAR 50-50	1.00	Shift	.0000	
936	TRUCK GEAR 50-49	1.00	Shift	.0000	
3796	TRUCK GEAR 50-47	1.00	Days	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	8.00	Hour	.0000	
546	HYDROBLASTR 20K9SI 200HP	8.00	Hour	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	8.00	Hour	.0000	

SUBTOTAL: WORK ORDER 14977233

H.P. STEAM SYSTEM
 WORK ORDER 14977234
 01/05/02

24	PER DIEM	5.00	Each	.0000	
2	SUPERVISOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
11250	TRUCK GEAR 50-51	1.00	Shift	.0000	
11251	TRUCK GEAR 50-50	1.00	Shift	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	

THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
 Net Due Date: 03/02/02

PSC 0002



INVOICE

PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807

Invoice Number:
 Invoice Date:

14903030 RI 149
 01/31/02

801 298-5600 Fax 801 298-5750

1611031
 CALPINE CORPORATION
 1200 Arco lane
 Pittsburg, CA 94565

CALPINE CORPORATION

Customer Reference Numbers

ORDER BY DARM ANDERSON
 N/A
 03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour	.0000	
8840	PPE HYDROBLASTING	3.00	Shift	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	
SUBTOTAL: WORK ORDER 14977234					

HYDROBLAST STEAM SYSTEM
 PIPING
 WORK ORDER 14977235
 01/05/02

24	PER DIEM	5.00	Each	.0000	
2	SUPERVISOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
936	TRUCK GEAR 50-49	1.00	Shift	.0000	
3796	TRUCK GEAR 50-47	1.00	Days	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour	.0000	
3838	ROTO MOLE	12.00	Hour	.0000	
7323	NOZZLE SPIN ROTATING	12.00	Hour	.0000	
8840	PPE HYDROBLASTING	3.00	Shift	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	
SUBTOTAL: WORK ORDER 14977235					

H.P. STEAM
 WORK ORDER 14977238
 01/06/02
 24

24	PER DIEM	5.00	Each	.0000	
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THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
 Net Due Date: 03/02/02

PSC 0003



INVOICE
PHILIP SERVICES - WOODS CROSS
2525 S. 1100 WEST
WOODS CROSS, UT 84807
801 298-5600 Fax 801 298-5750

Invoice Number: 14903030 RI 149
Invoice: 01/31/02

1611031
CALPINE CORPORATION
1200 Arcy Lane
Pittsburg CA 94565

CALPINE CORPORATION

Customer Reference Numbers

ORDER BY DARM ANDERSON
N/A
03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
2	SUPERVISOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
11250	TRUCK GEAR 50-51	1.00	Shift	.0000	
11251	TRUCK GEAR 50-50	1.00	Shift	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour	.0000	
3838	ROTO MOLE	12.00	Hour	.0000	
7323	NOZZLE SPIN ROTATING	12.00	Hour	.0000	
8840	PPE HYDROBLASTING	3.00	Shift	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	

SUBTOTAL: WORK ORDER 14977238

HYDROBLAST STEAM PIPING
WORK ORDER 14977236
01/06/02

24	PER DIEM	5.00	Each	.0000	
2	SUPERVISOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
936	TRUCK GEAR 50-49	1.00	Shift	.0000	
3796	TRUCK GEAR 50-47	1.00	Days	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour	.0000	
3838	ROTO MOLE	12.00	Hour	.0000	

THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
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PSC 0004



INVOICE

PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807

Invoice Number:
 Invoice:

14903030 RI 149
 01/31/02

801 298-5600 Fax 801 298-5750

1611031
 CALPINE CORPORATION
 1200 Arcy lane
 Pittsburg CA. 94565

CALPINE CORPORATION

Customer Reference Numbers

ORDER BY DARM ANDERSON
 N/A
 03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
7323	NOZZLE SPIN ROTATING	12.00	Hour	.0000	
8840	PPE HYDROBLASTING	3.00	Each	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	
SUBTOTAL: WORK ORDER 14977236					

HYDROBLAST HOT RE-HEAT PIPING
 WORK ORDER 14977240
 01/09/02

24	PER DIEM	5.00	Each	.0000	
2	SUPERVISOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
11250	TRUCK GEAR 50-51	1.00	Shift	.0000	
11251	TRUCK GEAR 50-50	1.00	Shift	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour	.0000	
3838	ROTO MOLE	12.00	Hour	.0000	
7323	NOZZLE SPIN ROTATING	12.00	Hour	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	
SUBTOTAL: WORK ORDER 14977240					

HRH RETURNS/CONDINSATE
 WORK ORDER 14977239
 01/09/02
 24

PER DIEM 5.00 Each .0000

THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
 Net Due Date: 03/02/02

PSC 0005



INVOICE
 PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807
 801 298-5600 Fax 801 298-5750

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 Invoice Date: 01/31/02

1611031
 CALPINE CORPORATION
 1200 Arroyo Lane
 Pittsburg CA 94565

CALPINE CORPORATION

Customer Reference Numbers

ORDER BY DARM ANDERSON
 N/A
 03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
2	SUPERVISOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
936	TRUCK GEAR 50-49	1.00	Shift	.0000	
3796	TRUCK GEAR 50-47	1.00	Days	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour	.0000	
7323	NOZZLE SPIN ROTATING	3.00	Hour	.0000	
8840	PPE HYDROBLASTING	3.00	Shift	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	

SUBTOTAL: WORK ORDER 14977239

BY PASS LINES ON #1 & #2
 WORK ORDER 14977244
 01/10/02

24	PER DIEM	5.00	Each	.0000	
2	SUPERVISOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
11250	TRUCK GEAR 50-51	1.00	Shift	.0000	
11251	TRUCK GEAR 50-50	1.00	Shift	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour	.0000	
8840	PPE HYDROBLASTING	3.00	Shift	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	

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 HOUSTON, TX 77253-3070

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PSC 0006



INVOICE
PHILIP SERVICES - WOODS CROSS
2525 S. 1100 WEST
WOODS CROSS, UT 84807
801 298-5600 Fax 801 298-5750

Invoice Number: 14903030 RI 149
Invoice Date: 01/31/02

1611031
CALPINE CORPORATION
1200 Arcy lane
Pittsburg CA 94565

CALPINE CORPORATION

Customer Reference Numbers

ORDER BY DARM ANDERSON
N/A
03-6208

Customer Message:

<u>Description</u>	<u>Quantity</u>	<u>UM</u>	<u>Unit Price</u>	<u>Amount</u>
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SUBTOTAL: WORK ORDER 14977244

HYDROBLAST STEAM INJECTION IN
#2 FURNACE/STEAM LINE FRONTURB
WORK ORDER 14977241
01/10/02

24	PER DIEM	5.00	Each	.0000
2	SUPERVISOR	12.00	Hour	.0000
1	OPERATOR	12.00	Hour	.0000
1	OPERATOR	12.00	Hour	.0000
3573	TECHNICIAN SERVICE	12.00	Hour	.0000
3573	TECHNICIAN SERVICE	12.00	Hour	.0000
3796	TRUCK GEAR 50-47	1.00	Days	.0000
936	TRUCK GEAR 50-49	1.00	Shift	.0000
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour	.0000
7323	NOZZLE SPIN ROTATING	5.00	Hour	.0000
3838	ROTO MOLE	5.00	Hour	.0000
8840	PPE HYDROBLASTING	3.00	Shift	.0000
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000

SUBTOTAL: WORK ORDER 14977241

CLEAN HBH #2 & #3
WORK ORDER 14977243
01/11/02

24	PER DIEM	5.00	Each	.0000
2	SUPERVISOR	12.00	Hour	.0000

THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
Net Due Date: 03/02/02

PSC 0007



INVOICE

PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807

Invoice Number:

Invoice #:

14903030 RI 149
 01/31/02

801 298-5600 Fax 801 298-5750

1611031

CALPINE CORPORATION

CALPINE CORPORATION
 1200 Arcy lane
 Pittsburg CA 94565

Customer Reference Numbers

ORDER BY DARM ANDERSON
 N/A
 03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
1	OPERATOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
11250	TRUCK GEAR 50-51	1.00	Shift	.0000	
11251	TRUCK GEAR 50-50	1.00	Shift	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour	.0000	
3838	ROTO MOLE	12.00	Hour	.0000	
7323	NOZZLE SPIN ROTATING	12.00	Hour	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	

SUBTOTAL: WORK ORDER 14977243

HYDROBLAST #1.#2.#3 LP BYPASS
 CONDENSATE PIPING
 WORK ORDER 14977247
 01/11/02

24	PER DIEM	5.00	Each	.0000	
2	SUPERVISOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
936	TRUCK GEAR 50-49	1.00	Shift	.0000	
3796	TRUCK GEAR 50-47	1.00	Days	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour	.0000	
3838	ROTO MOLE	12.00	Hour	.0000	
7323	NOZZLE SPIN ROTATING	12.00	Hour	.0000	

THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
 Net Due Date: 03/02/02

PSC 0008



INVOICE

PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807

Invoice Number:

Invoice:

14903030 RI 149
 01/31/02

801 298-5600 Fax 801 298-5750

1611031

CALPINE CORPORATION

Customer Reference Numbers

CALPINE CORPORATION

1200 Arcy lane

Pittsburg CA 94565

ORDER BY DARM ANDERSON

N/A

03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
8840	PPE HYDROBLASTING	5.00	Shift	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	

SUBTOTAL: WORK ORDER 14977247

CONDENSATE SPRAY, #1 HBSC IP

TO CRH

WORK ORDER 14977248

01/12/02

24	PER DIEM	5.00	Each	.0000	
2	SUPERVISOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
11250	TRUCK GEAR 50-51	1.00	Shift	.0000	
11251	TRUCK GEAR 50-50	1.00	Shift	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Each	.0000	
3838	ROTO MOLE	8.00	Hour	.0000	
7323	NOZZLE SPIN ROTATING	8.00	Hour	.0000	
8840	PPE HYDROBLASTING	2.00	Shift	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	

SUBTOTAL: WORK ORDER 14977248

HYDROBLASTING

WORK ORDER 14977985

01/12/02

24	PER DIEM	5.00	Each	.0000	
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THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days

Net Due Date: 03/02/02

PSC 0009



INVOICE

PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807

Invoice Number:

14903030 RI 149
 01/31/02

Invoice #:

801 298-5600 Fax 801 298-5750

1611031
 CALPINE CORPORATION
 1200 Arroyo Lane
 Pittsburg CA 94565

CALPINE CORPORATION

Customer Reference Numbers

ORDER BY DARM ANDERSON
 N/A
 03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
2	SUPERVISOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
936	TRUCK GEAR 50-49	1.00	Shift	.0000	
3796	TRUCK GEAR 50-47	1.00	Days	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour	.0000	
7323	NOZZLE SPIN ROTATING	12.00	Hour	.0000	
8840	PPE HYDROBLASTING	3.00	Shift	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	

SUBTOTAL: WORK ORDER 14977985

HBSG #3 CRH AND CONDENSATE
 LINE
 WORK ORDER 14977250
 01/13/02

24	PER DIEM	5.00	Each	.0000	
2	SUPERVISOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
1	OPERATOR	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour OT	.0000	
11250	TRUCK GEAR 50-51	1.00	Shift	.0000	
11251	TRUCK GEAR 50-50	1.00	Shift	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Hour OT	.0000	
3838	ROTO MOLE	12.00	Hour	.0000	

THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
 Net Due Date: 03/02/02

PSC 0010



INVOICE

PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807

Invoice Number:
 Invoice #:

14903030 RI 149
 01/31/02

801 298-5600 Fax 801 298-5750

1611031
 CALPINE CORPORATION
 1100 Arcy Lane
 Pittsburg, CA 94565

CALPINE CORPORATION

Customer Reference Numbers

ORDER BY DARM ANDERSON
 N/A
 03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
7323	NOZZLE SPIN ROTATING	12.00	Hour	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	
SUBTOTAL: WORK ORDER 14977250					

HYDROBLAST PIPING ON FURNACE

#3
 WORK ORDER 14977983
 01/13/02

24	PER DIEM	5.00	Each	.0000	
2	SUPERVISOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
936	TRUCK GEAR 50-49	1.00	Shift	.0000	
3796	TRUCK GEAR 50-47	1.00	Days	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
546	HYDROBLASTR 20KPSI 200HP	12.00	Each	.0000	
3838	ROTO MOLE	12.00	Hour	.0000	
7323	NOZZLE SPIN ROTATING	12.00	Hour	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	
SUBTOTAL: WORK ORDER 14977983					

#14 HBH AND LIP
 WORK ORDER 14977251
 01/14/02

24	PER DIEM	4.00	Each	.0000	
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THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
 Net Due Date: 03/02/02

PSC 0011



INVOICE

PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807

Invoice Number:

14903030 RI 149
 01/31/02

Invoice Date:

801 298-5600 Fax 801 298-5750

1611031

CALPINE CORPORATION

CALPINE CORPORATION

1200 Arcylane
 Pittsburg, OH 94565

Customer Reference Numbers

ORDER BY DARM ANDERSON

N/A

03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
2	SUPERVISOR	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
11250	TRUCK GEAR 50-51	1.00	Shift	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
3838	ROTO MOLE	8.00	Hour	.0000	
7323	NOZZLE SPIN ROTATING	8.00	Hour	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	

SUBTOTAL: WORK ORDER 14977251

HYDROBLAST STEAM PIPING
 FURNACE #2
 WORK ORDER 14977981
 01/14/02

24	PER DIEM	5.00	Each	.0000	
2	SUPERVISOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
1	OPERATOR	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
3573	TECHNICIAN SERVICE	12.00	Hour	.0000	
936	TRUCK GEAR 50-49	1.00	Shift	.0000	
3796	TRUCK GEAR 50-47	1.00	Days	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	

SUBTOTAL: WORK ORDER 14977981

THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
 Net Due Date: 03/02/02

PSC 0012



INVOICE
 PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807
 801 298-5600 Fax 801 298-5750

Invoice Number: 14903030 RI 149
 Invoice Date: 01/31/02

1611031 CALPINE CORPORATION
 CALPINE CORPORATION
 1700 Arroyo lane
 Pittsburg, CA 94565

Customer Reference Numbers

ORDER BY DARM ANDERSON
 N/A
 03-6208

Customer Message:

Description	Quantity	UM	Unit Price	Amount
CLEAN #2 CONDENSER AND FEED WATER WORK ORDER 14977252 01/15/02				
24 PER DIEM	5.00	Each	.0000	
1 OPERATOR	12.00	Hour	.0000	
2 SUPERVISOR	12.00	Hour	.0000	
1 OPERATOR	12.00	Hour	.0000	
3573 TECHNICIAN SERVICE	12.00	Hour	.0000	
3573 TECHNICIAN SERVICE	12.00	Hour	.0000	
11250 TRUCK GEAR 50-51	1.00	Shift	.0000	
3837 HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	
3771 LANCE FLEX 25 FT	1.00	Shift	.0000	
8840 PPE HYDROBLASTING	1.00	Shift	.0000	
11165 LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	

SUBTOTAL: WORK ORDER 14977252

PUMP HOUSE LINES LP LINE #2
 WORK ORDER 14977988
 01/15/02

24 PER DIEM	5.00	Each	.0000	
2 SUPERVISOR	12.50	Hour	.0000	
1 OPERATOR	12.50	Hour	.0000	
1 OPERATOR	12.50	Hour	.0000	
3573 TECHNICIAN SERVICE	12.50	Hour	.0000	
3573 TECHNICIAN SERVICE	12.50	Hour	.0000	
3796 TRUCK GEAR 50-47	1.00	Days	.0000	
936 TRUCK GEAR 50-49	1.00	Shift	.0000	
3837 HYDROBLASTR 20KPSI 200HP 70-1	12.00	Hour	.0000	

THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
 Net Due Date: 03/02/02

PSC 0013



INVOICE

PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807

Invoice Number:
 Invoice #:

14903030 RI 149
 01/31/02

801 298-5600 Fax 801 298-5750

1611031
 CALPINE CORPORATION
 1200 Arcey Lane
 Pittsburgh, CA 94505

CALPINE CORPORATION

Customer Reference Numbers

ORDER BY DARM ANDERSON
 N/A
 03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
3771	LANCE FLEX 25 FT	1.00	Shift	.0000	
8840	PPE HYDROBLASTING	5.00	Shift	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	12.00	Hour	.0000	
SUBTOTAL: WORK ORDER 14977988					

CRH LINE & LOAD UP EQUIPMENT
 WORK ORDER 14977974
 01/17/02

24	PER DIEM	4.00	Each	.0000	
2	SUPERVISOR	7.50	Hour	.0000	
1	OPERATOR	7.50	Hour	.0000	
3573	TECHNICIAN SERVICE	7.50	Hour	.0000	
3573	TECHNICIAN SERVICE	7.50	Hour	.0000	
936	TRUCK GEAR 50-49	1.00	Shift	.0000	
3796	TRUCK GEAR 50-47	1.00	Days	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	7.50	Hour	.0000	
7323	NOZZLE SPIN ROTATING	7.50	Hour	.0000	
3838	ROTO MOLE	7.50	Hour	.0000	
8840	PPE HYDROBLASTING	4.00	Shift	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	7.50	Hour	.0000	

SUBTOTAL: WORK ORDER 14977974

DEMOBILIZE TO SALT LAKE CITY
 01/18/02 & 01/19/02
 WORK ORDER 14977256
 01/18/02

24	PER DIEM	22.00	Each	.0000	
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THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
 Net Due Date: 03/02/02

PSC 0014



INVOICE

PHILIP SERVICES - WOODS CROSS
 2525 S. 1100 WEST
 WOODS CROSS, UT 84807

Invoice Number:

Invoice Date:

14903030 RI 149
 01/31/02

801 298-5600 Fax 801 298-5750

1611031
 CALPINE CORPORATION
 1200 Arco Lane
 Pittsburg, CA 94565

CALPINE CORPORATION

Customer Reference Numbers

ORDER BY DARM ANDERSON
 N/A
 03-6208

Customer Message:

	Description	Quantity	UM	Unit Price	Amount
509	TRAVEL	14.25	Hour	.0000	
509	TRAVEL	14.25	Hour	.0000	
509	TRAVEL	14.25	Hour	.0000	
509	TRAVEL	14.25	Hour	.0000	
509	TRAVEL	14.25	Hour	.0000	
509	TRAVEL	14.25	Hour	.0000	
509	TRAVEL	14.25	Hour	.0000	
509	TRAVEL	14.25	Hour	.0000	
509	TRAVEL	14.25	Hour	.0000	
509	TRAVEL	14.25	Hour	.0000	
509	TRAVEL	14.25	Hour	.0000	
11165	LIQUID VACUUM 70 BBL 70-V	790.00	Mile	.0000	
11251	TRUCK GEAR 50-50	790.00	Mile	.0000	
11250	TRUCK GEAR 50-51	790.00	Mile	.0000	
936	TRUCK GEAR 50-49	790.00	Mile	.0000	
3796	TRUCK GEAR 50-47	790.00	Mile	.0000	
3837	HYDROBLASTR 20KPSI 200HP 70-1	790.00	Mile	.0000	
546	HYDROBLAST DELTA ENERGY	1.00	Each	80,572.5000	80,572.50
546	LIQUID VACUUM DELTA ENERGY	1.00	Each	14,452.5000	14,452.50
SUBTOTAL: WORK ORDER 14977256					95,025.00
SUBTOTAL:					95,025.00
TAXES:					5,321.40
TOTAL DUE:					100,346.40

Serv.Orders: SO 193217

THANK YOU FOR YOUR BUSINESS
Remit to:

P.O. BOX 3070
 HOUSTON, TX 77253-3070

Payment Terms: Net 30 Days
 Net Due Date: 03/02/02

PSC 0015

PSC

Estimate

Number: **E102**

Date: **January 17, 2002**

Bill To:

Dar Anderson
Calpine
1200 Arcy
Pittsburg, CA. 94565

Ship To:

Dar Anderson
Calpine
1200 Arcy
Pittsburg, CA. 94565

PO Number	Customer #	Project
		vac truck

Description	Quantity/Hours	Price/Rate	Amount
70BBL LIQ VAC	236.00	10.00	2,360.00
OPERATOR	126.00	28.00	3,528.00
OPERATOR OT	96.00	42.00	4,032.00
PER DIEM	21.00	70.00	1,470.00
MI/LG TRUCK	1,450.00	1.45	2,102.50
TRAVEL TIME	60.00	16.00	960.00
2" HOSE	0.00	25.00	0.00
		Total	\$14,452.50

Estimate

Number: D.K071228

Date: November 11, 2001

Bill To:

Dave Dickert
 Calpine
 1200 Arcy In
 Pittsburg, CA 94565

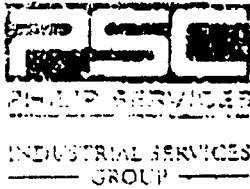
Ship To:

Dave Dickert
 Calpine
 1200 Arcy In
 Pittsburg, CA 94565

PO Number	Customer #	Project	Time Sheet #
	925-756-0307	liq. vac	

Description	Quantity/Hours	Price/Rate	Amount
OPERATOR	192.00	28.00	5,376.00
70 BBL LIQ VAC	192.00	10.00	1,920.00
PER DIEM	20.00	70.00	1,400.00
TRAVEL/MEN	80.00	16.00	1,280.00
MI/H.E	1,450.00	1.45	2,102.50
2" CHEM HOSE	6.00	25.00	150.00
Total			\$12,228.50

PSC 0017



Western Region

COPY

Thursday, October 11, 2001

Mr. Dave Dickert
Delta Energy Center
Calpine Corporation
1200 Arroyo Lane
Pittsburg, Ca 94565

Subject: Lump Sum Bid Proposal for hydro-blast Cleaning of the interior wall piping as per the associated piping and dimensions listed in bid package. Project is Located at the Delta Energy Center in Pittsburg, California.

Dear Mr. Dickert;

Thank you very much for your interest in PSC Industrial Outsourcing, and for allowing PSC the opportunity to bid on the Hydro-Blast cleaning of the interior piping walls at the Delta Energy Center in Pittsburg, Ca. Based on the associated piping to be cleaned and the dimensions of each pipe system which were provided to PSC for bid basis, I feel that we can complete the scope of work within nine 24 hour days.

The following overview will give you the complete detail's, and the method which PSC plans to use in order to complete this work in a safe and timely manner. We plan to operate two of our 20,000 PSI hydro-blast units around the clock, (24 hours per day) including weekends until the work is completed. Crews will work 12-hour shifts with a 30-minute lunch break per shift. All work will be coordinated with other work going on in the facility in order to prevent, or reduce any unforeseen delays or standby time. The attached rate schedule would be used for billing any delays beyond PSC's control, or if we complete the project before the allotted time frame, then the total estimated not to exceed lump sum would be reduced according to the rate schedule.

Again, I want to thank you for this opportunity to quote you a price for the work on this project. I look forward to working with you on this project and other projects in the future. If you have any questions or need further clarifications regarding any portion of this proposal, please give myself or Dan Kineger a call at (801) 298-5600.

Sincerely;

Jess R. Keopse
Sales/Project Manager

Dan Kineger
Project manager

Business Development & Marketing Management - Paul Martel

Page (2)

Mr. Dave Dickert
Calpin Corporation, Delta Energy Center
Hydro-Blast cleaning proposal

Bid Basis:

This bid is based on the list of associated piping to be cleaned, and the dimensions of each pipe system to be cleaned. The lump sum price is based on the current time and material rate schedule, which is attached. The lump sum price doesn't include any pricing for delays beyond PSC's control, or standby charges for personnel and equipment on standby. The attached rate schedule would be used to adjust the final invoice.

Scope of Work. (20,000-PSI) Hydro-Blasting:

PSC Industrial Outsourcing to provide all necessary Supervision, Labor, Equipment, and material to remove mill-scale and debris from the interior and walls of the piping to be cleaned as per the associated piping and dimensions provided. PSC plans to use two high-pressure (20,000-PSI) Hydro-Blasting units per 12 hour shift in order to remove any mill-scale or debris from the interior walls of the piping. PSC will use a special 20,000-PSI adjustable speed pipe-cleaning lance, which rotates the lance and nozzle. The rotating nozzle will be run through the inside of each line at a controlled speed until the mill-scale and debris are cleaned and flushed from the interior of each section of pipe. Each section of pipe will be inspected, and tagged as cleaned prior to moving to the next pipe system to be cleaned.

Philip Services shift Supervisor on each shift will mark, and coordinate with Calpine representative for any valve bonnets, or associated pipe fittings that may have to be removed in order to gain access to interior of piping to be cleaned. Using barricade tape and signs prior to starting work, Philip Services will isolate each work area in order to keep other contractors personnel from entering work areas while PSC crews are cleaning the piping systems.

Cost Tracking:

An hourly time sheet listing personnel, equipment being used, and material being used on each shift will be submitted to Calpine representative for review, and signing at the end of each shift. These time sheets will be used in preparing an accurate billing to the Calpine Corporation after the scope of work is completed.

Page (3)

Mr. Dave Dickert
Calpine Corporation, Delta Energy Center
Hydro-Blast cleaning proposal

PSC Industrial Outsourcing To Provide The Following:

Personnel Per Twelve Hour Shift-Twenty Four Hour Per Day:

1. One Supervisor/Operator/shift
2. Three Service Technicians/shift

Equipment Provided By PSC Industrial Outsourcing Per shift:

1. Two Trailer mounted 20,000 PSI Hydro-Blast Units
2. One 185 CFM Air Compressor
3. Two 3" M-8 wilden diaphragm pumps for pumping effluent water to on site disposal.
4. Two Gear Trucks
5. One each BJV Rotating Nozzle
6. One Adjustable Speed Rotating 20,000 PSI Lance Reel & Nozzles
7. Miscellanaries sizes of 20,000-PSI hoses, lances, and nozzles for cleaning various diameters and lengths of piping systems.
8. All necessary water feed hoses, suction, and discharge hoses
9. Barricades, signs, and effluent water containment equipment
10. All necessary PPE to perform the scope of work.

Assumptions:

Calpine Corporation To Provide:

1. Adequate access to piping to be cleaned
2. Man-lifts if needed in order to access hard to reach overhead piping
3. Scaffolding where necessary in order to reach over head piping
4. Adequate water supplies for operating equipment. (Fire hydrant is sufficient)
5. Designated on site effluent water disposal location
6. Mechanical personnel to remove valve bonnets and fittings as needed
7. Inspection, and certification that piping is cleaned to customer satisfaction
8. All necessary lighting for night work
9. Toilet facilities
10. Designated representative to coordinate work and sign time sheets each shift

**It is assumed that Calpine Corporation will be able to provide the above mentioned equipment for PSC to use on an as needed bases during the cleaning of the piping systems. If this is not possible, and Calpine wants PSC to provide the equipment, please let us know so we can adjust our price proposal to include the equipment.

Page (4)

Mr. Dave Dickert
Calpine Corporation, Delta Energy Center
Hydro-Blast Cleaning Proposal

Not To Exceed Lump Sum Price:

Based on the above mentioned information, Philip Services Company has estimated the time needed to complete the scope of work at 18 each 12 hour shifts. Philip Services company would be willing to perform the above scope of work for a not to exceed lump sum price of **\$80,572.50. Eighty Thousand Five Hundred Seventy Two Dollars & Fifty Cents.** The above price includes mobilization and demobilization of personnel and equipment. As mentioned, we would plan to work 9 each 24-hour days to complete the scope of work.

If PSC Industrial Outsourcing completes the scope of work in less than 18 twelve-hour shifts then the above price would be less than the above quoted price. If any unforeseen delays beyond the control of PSC cause the project to extend beyond the projected time frame, then the above price quote would be more than the estimated lump sum price. The current attached rate schedule would be used to adjust the lump sum price up or down if the project is completed in less time, or is extended do to unforeseen delays beyond PSC's control.

The following page will list the price per section of pipe as shown in the bid request package. All pricing is based on the actual lengths and diameters of the piping to be cleaned. Should additional piping be added that is not listed in this section of the proposal, then a change order would be requested in order to cover any additional cost for labor and equipment. If PSC cleans additional piping that is not listed in the associated piping, and the additional work doesn't extend the project beyond the nine-day time frame, then PSC would not charge Calpine for the additional work.

Mr. Dave Dickert
Calpine Corporation, Delta Energy Center
Hydro-Blast cleaning proposal

Price Per Section As Per Associated Piping And Dimensions:

Condensate System:

1. 8 inch diameter piping 591 feet long 1 Blaster 11.5 hours	2,409.25
2. 10 inch diameter piping 442 feet long 1 Blaster 9.0 hours <i>1.4%</i>	1,885.50
3. 12 inch diameter piping 396 feet long 2 Blasters 8.0 hours	3,352.00
4. 16 inch diameter piping 27 feet long- 2 blasters 1.0 hours <i>17.5</i>	419.00

Feedwater System:

1. 4 inch diameter piping 33 feet long 1 Blaster 1.0 hour	209.50
2. 6 inch diameter piping 291 feet long 1 Blaster 6.0 hours	1,257.00
3. 10 inch diameter piping 531 feet long 1 blasters 11.0 hours <i>18 99.5%</i>	2,304.50

HP Main Steam System:

1. 4 inch diameter piping 32 feet long 1 blaster 1.0 hour	209.50
2. 8 inch diameter piping 459 feet long 1 Blaster 9.5 hours	1,990.25
3. 12 inch piping 478 feet long 2 Blasters 9.5 hours	3,980.50
4. 14 inch diameter piping 292 feet long 2 Blasters 6.0 hours	2,514.00
5. 16 inch diameter piping 383 feet long 2 Blasters 8.0 hours <i>34 10%</i>	3,352.00

Hot Reheat Steam System:

1. 18 inch diameter piping 400 feet long 2 Blasters 6.5 hours	2,723.50
2. 20 inch diameter piping 55 feet long 2 Blasters 1.5 hours	628.50
3. 24 inch diameter piping 1,263 feet long 2 Blasters 25 hours	10,475.00
4. 26 inch diameter piping 124 feet long 2 blasters 2.5 hours <i>35.5 16.5</i>	1,047.50

Cold Reheat Steam System:

1. 8 inch diameter piping 426 feet long 1 Blaster 7.5 hours	1,571.25
2. 20 inch diameter piping 551 feet long 2 Blasters 11.0 hours	4,609.00
3. 24 inch diameter piping 206 feet long 2 Blasters 5.0 hours	2,095.00
4. 30 inch diameter piping 266 feet long 2 Blasters 7.0 hours <i>30.5 14%</i>	2,933.00

Mr. Dave Dickert
Calpine Corporation, Delta Energy Center
Hydro-Blast cleaning proposal

Price Per Section As Per Associated Piping And Dimensions Continued:

Low Pressure Steam System:

1. 10 inch diameter piping 1,286 feet long 1 Blasters 21.5 hours	4,504.25
2. 18 inch diameter piping 572 feet long 2 Blasters 11.5 hours	4,818.50
3. 20 inch diameter piping 416 feet long 2 Blasters 8.5 hours	3,571.50
4. 24 inch diameter piping 13 feet long 2 blasters 1.0 hours	419.00
5. 26 inch diameter piping 207 feet long 2 Blasters 4.5 hours	1,885.00
6. 28 inch diameter piping 38 feet long 2 Blasters 1.5 hour <i>98 22.5</i>	628.50

Kettle Boiler:

1. 8 inch diameter piping 1,002 feet long 1 Blaster 20 hours <i>-2 = 1.5</i>	4,190.00
--	----------

Subtotal of above systems 69,972.50

Mobilization of personnel and equipment 2,500.00

Demobilization of personnel and equipment 2,500.00

Per diem 8 people 12 days at 70.00/day per person 6,600.00

Total Not To Exceed Lump Sum Price \$81,572.50

The above prices are based on the information provided, and may vary slightly up or down depending on actual work to be performed.



INDUSTRIAL SERVICES
GROUP

Western Region

November 12, 2001

Calpine
Delta Energy Center
1200 Arcy Lane
Pittsburg CA. 94565

Dear David Dickert

RE: VACUUM TRUCK SUPPORT

SCOPE OF WORK

- 1.0 PSC will arrive on site and attend all required safety training.
- 2.0 PSC will set up multiple vacuum hoses to provide containment and removal of all effluent water generated during the interior pipe wall cleaning.
- 3.0 PSC will transport the effluent water to an on site disposal site.

ESTIMATED TIME AND METIRIALS

- 1.0 PSC will provide one 70 BBL vac truck with an operator on an around the clock bases.
- 2.0 PSC will provide all hose necessary to load and unload

ESTIMATED LUMP SUM PRICE

1.0 Mob and Demob	\$3,382.50
2.0 Eight days of service	\$ 8,846.00

PSC can provide temporary 500 bbl holding tanks for \$28.00 per tank per day there is a \$195.00 delivery/return fee per tank.

As discussed the hourly rate for the operated vac truck is \$38.00 plus per diem.

Sincerely,

Dan Krueger

Project Manager

PSC 0024

"Helping Clients Attain a Competitive Advantage in a Global MarketSM"





CALPINE CORP.

4100 Underwood Rd.
Pasadena, TX 77507
Ph - 832.478.4424
Fax - 281-228-0946

October 3, 2001

Dan Krueger
PSC
2525 South 1100 West
Wood Cross, UT 84087
(801) 298-5600

Dear Sir:

Calpine is issuing you a bid package for the "hydro-blast" cleaning of the interior wall piping involved on the associated piping and dimensions included with this letter. The jobsite is located at the Delta Energy Center in Pittsburg, California.

Bid Basis:

- Equipment necessary to remove mill-scale and debris from the interior and walls of the piping to be cleaned for three Heat Recover Steam Generating systems including steam, condensate, and feedwater piping. During removal of the debris, the effluent from the piping shall be collected and pumped to a proper on-site disposal location.
- Necessary personnel to operate, maintain, and/or modify said equipment.
- Mobilization of said personnel and equipment.
- Necessary engineering and procedures to accommodate proposed cleaning.

The bid format should be divided into sections and subsections as listed below, and prices should be detailed. Please feel free to add any sections to the pricing that relate to the hydro-blasting activities only.

- "Hydro-blast" cleaning including necessary equipment and personnel (each subsection priced individually):

Condensate System
Feedwater System
HP Main Steam System
Hot Reheat Steam System
Cold Reheat Steam System
Low Pressure Steam System
Kettle Boiler Steam

Subtotal of Above Systems

- Mobilization Costs Associated for Personnel and Equipment
- Time and Material Cost Sheet for Delays Beyond the Control of Subcontractor
- Price Not to Exceed Valuation

All bids shall be submitted by October 10th, 2001 to the following address:

Attn: Dave Dickert

PSC 0025

Attn: Dave Dickert
Calpine Corporation
Delta Energy Center
1200 Arcy Lane
Pittsburg, CA 94565

Sincerely,

A handwritten signature in black ink, appearing to read "Harley Rady", with a long, sweeping underline that extends to the right.

Harley Rady
Calpine Commissioning Group



**AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77232**

Industrial Services Group, Inc.
Western Region

DATE 1/23/02 JOB # _____ PAGE # _____
 shift days WO # _____
 nights PO # _____

Audit Date: _____
 By: _____
 Job is: complete
 incomplete

Customer: Calpine Delta Energy City: Pittsburgh State: PA
 Job Description: TRAVEL TO PITTSBURGH PA

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/Pass.	Mileage	Per-Diem
D. Krueger	S								790	1
D. Humble	O								790	2
C. Bunker	S								790	2
S. Ferguson	O								790	2
B. Cannon	O								790	2
G. Lynch	O								790	3
K. Hayes	T								790	2
D. Buck	T								790	2
C. Cantor	T								790	2
G. Aquila	T								790	2
Mileage for 1 truck									790	790
Mileage for 4 trucks									790	790

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK		DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI		HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE		HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE		HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE		EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA			
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA			
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEK		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

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AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77233

Industrial Services Group, Inc.
Western Region

DATE 1/14/02
 shift days
 nights

JOB # _____

PAGE # 2
 WO # _____
 PO # _____

Audit Date: _____
 By: _____
 Job is: complete
 incomplete

Customer: Calpine Delta Energy City: Pittsburgh State: CA
 Job Description: Safety Training and Setup

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/ num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/ Pass.	Mileage	Per-Diem
P. Krueger	S	8:00	1	17:00	8		8			1
C. Bunker	S	8:00	1	17:00	8		8			1
D. Humble	O	8:00	1	17:00	8		8			1
S. Ferguson	O	8:00	1	17:00	8		8			1
B. Cannon	O	8:00	1	17:00	8		8			1
W. Lynch	O	8:00	1	17:00	8		8			1
H. Hughes	T	8:00	1	17:00	8		8			1
D. Bode	T	8:00	1	17:00	8		8			1
A. Waitan	T	8:00	1	17:00	8		8			1
G. Aquilar	T	8:00	1	17:00	8		8			1

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK	4	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI	8	HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE		HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE		HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE		EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA			
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA			
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEX		EA			
					EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR					
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

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