

**Peachtree City Water & Sewerage Authority**  
**Regular Meeting**  
**Agenda**  
**Monday, December 3, 2018**  
**6:30 p.m.**

I. Pledge of Allegiance

II. Public Comment

III. Minutes

November 5, 2018 - Regular Meeting Minutes

IV. Reports

A. Authority Members

B. General Manager

V. BSA Proposal

VI. Annual Repair and/or Construction Services Contract for Minor Maintenance

VII. Annual Emergency Repair and/or Construction Services Contract

VIII. Executive Session – Personnel, Potential Litigation

IX. Adjourn

**\*\* Location of meeting is Peachtree City Water & Sewerage Authority at 1127 Hwy. 74, South \*\***

**NOTE: This agenda is subject to change up to twenty-four hours prior to the scheduled meeting.**

**A quorum of City Council will be in attendance.**

Peachtree City Water and Sewerage Authority

November 5, 2018

The Peachtree City Water and Sewerage Authority held its monthly meeting on Monday, November 5, 2018, in the conference room of the John W. Gronner Administrative Center. The following individuals were present: Chairman Vanessa Fleisch, Vice-Chairman Mike King, Treasurer/Secretary Terry Ernst, Board Member Phil Prebor, Board Member Kevin Madden, Ms. Melissa Griffis (attorney with Rosenzweig, Jones, Horne & Griffis), Dan Davis (ISE), Bo Davis (ISE), Leslie Baer (ISE), Todd Browning (J. Smith Lanier & Co.), Johnny Collins (WASA staff), Nathan Brooks (WASA staff), Jonathan Lennon (WASA staff), John Dufresne, and Corinne Kehayes.

Ms. Fleisch called the meeting to order at 6:30 pm, and began with the Pledge of Allegiance.

Ms. Fleisch opened the meeting up for public comment. There were no public comments.

Ms. Fleisch asked for a motion to approve the October 1, 2018 regular meeting minutes. Mr. King made the motion, seconded by Mr. Madden. Motion carried.

There were no reports from the authority members or General Manager.

Mr. Browning with J. Smith Lanier started the discussion on medical benefit renewals. Mr. Browning stated J. Smith Lanier has represented WASA for benefits for many years. Mr. Browning handles the employee benefits package for major medical, dental, vision, life, and disability. Mr. Browning stated the current medical plan with United Healthcare (UH) is no longer offered; and UH mapped us to two plans that are very similar but not exact (one platinum plan and one gold plan); the current UH plan is gold. Under ACA there are metal level plans: platinum, gold, silver, and bronze; with platinum being the most rich. Mr. Browning reviewed the details regarding each plan offered (see attachment). The mapped platinum plan is an approximately 20% increase. Mr. Browning stated the second plan (gold) is offered in an effort to control costs. Mr. Prebor asked if Piedmont was in network. Mr. Browning stated Piedmont is in network with the UH plans. Mr. Madden asked Mr. Browning to confirm that the employee will pay their deductible first, then pay 20% up until the out-of-pocket maximum is met, and thereafter 100% is paid by the plan; Mr. Browning confirmed this statement. Mr. King asked if the employee is responsible for paying the out-of-pocket maximum; Mr. Browning confirmed. Mr. Browning stated the plans are fully insured, with no cap.

Mr. Browning stated there is no change in the Ameritas dental plan; it is a rate hold. Mr. Browning discussed the specifics of the dental plan (see attachment); explaining this is a stronger dental plan than most. Mr. Prebor asked regarding the rates. Todd responded the monthly rates are unchanged from last year: Employee Only - \$30.32; Employee+Spouse - \$60.64; Employee+Child(ren) - \$57.56; and Family - \$90.84. Mr. King confirmed that the plan covers orthodontic services up to \$1,500 per insured.

Mr. Browning stated there is no change in the Ameritas vision plan (which uses the EyeMed network); it is a rate hold. Mr. Browning discussed the specifics of the vision plan (see attachment). Mr. Prebor asked regarding the rates. Mr. Browning responded the monthly rates are unchanged from last year: Employee Only - \$7.88; Employee+Spouse - \$17.00; Employee+Child(ren) - \$13.76; and Family - \$22.84.

Mr. Browning discussed the life insurance plan options; the current plan is with Principal (see attachment). Mr. Browning stated the rates increased with Principal, so we marketed the coverage in order to put pressure on Principal to reduce the renewal rates, which resulted in a 25-40% decrease in rates. Mr. Madden confirmed that the pricing shown is for everyone covered; not each individual. Mr. Browning stated there is no savings for male/female, non-tobacco user, etc. on a group plan. Mr. Browning stated employees have the option to buy additional life insurance through the Colonial plan offerings. Mr. Browning recommended selection of the Principal plan; and that it is important to keep the life and disability insurance with the same carrier (in order to get the best deal on rates). Mr. Madden asked that when the benefits information is presented to the employees, that Mr. Browning mention life insurance is tax free. Mr. Browning stated that the life insurance is a benefit paid for 100% by WASA.

Mr. Browning discussed the long-term disability insurance; the current plan is with Principal (see attachment). Mr. Browning stated the rates increased with Principal, so we marketed the coverage in order to put pressure on Principal to reduce the renewal rates; the rate was negotiated to a 12.94% increase. Mr. Browning stated that some carriers declined to quote because the Principal rates were already competitive. Mr. Madden confirmed that the Class 2 employee is covered to social security normal retirement age. Mr. King asked if WASA has any employees with pre-existing conditions. Ms. Griffis stated that the employer cannot be provided with that information. Mr. Browning stated that after 12 months of employment, the employee is covered. Mr. Browning stated this benefit is employer paid.

The Board thanked Mr. Browning for his presentation and he was dismissed from the meeting.

Ms. Fleisch asked for a motion to move the BSA Proposal agenda item to the December 3, 2018 meeting. The motion was made by Mr. Madden and seconded by Mr. Ernst. Motion carried.

Mr. Bo Davis stated he has received the annual engagement letter from Mauldin & Jenkins for the FY2018 financial statement audit. Mr. Bo Davis stated after the Board Chair authorizes this engagement, they will begin preparing the necessary information and planning for the field work to begin in January 2019.

Mr. Dan Davis started the discussion on compensation and benefit study proposals. Mr. Dan Davis stated that WASA had compensation studies completed in 2006, 2013, and 2017; and there is only a powerpoint for the 2017 study. Mr. Dan Davis stated that we want to know where we are with regard to the market for our employees. Mr. Dan Davis recommended that WASA get proposals for a new compensation and benefit study. Mr. Dan Davis solicited proposals from three firms to complete the study; two firms responded with a proposal (see attachments). Mr. Dan Davis stated that proposals were submitted by Compensation Resources and The Mercer Group. The Mercer Group prepared the study that was completed in 2006 and updated in 2013. The Mercer Group is headquartered in Atlanta, and the person that would complete the study is in North Carolina. Mr. Dan Davis stated Compensation Resources is based in New Jersey, and their proposal is significantly more responsive to what was requested; although it is a little more expensive. Mr. Dan Davis stated that The Mercer Group proposal is \$9,075 and will take 75 days to complete; the Compensation Resources proposal is \$12,800 and will take 4-6 weeks to complete. Mr. Dan Davis recommended WASA contract with Compensation Resources to complete the compensation and benefit study. Ms. Fleisch asked for a motion. Mr. Ernst made a motion to accept the proposal from Compensation Consultant Service and seconded by Mr. Prebor. Motion carried.

Ms. Griffis informed the Board that they needed to take action on the Mauldin & Jenkins engagement to sign off on the engagement letter from Mauldin & Jenkins for the FY2018 financial statement audit. Ms. Fleisch asked for a motion. Mr. King made a motion to approve the engagement letter from Mauldin & Jenkins (Agenda item VII) and seconded by Mr. Ernst. Motion carried.

Mr. Dan Davis stated that the company name was wrong in the previous motion for Agenda item VIII. Ms. Fleisch asked for a motion. Mr. Ernst withdrew the previous motion regarding Agenda item VIII (compensation and benefit study proposals) and seconded by Mr. Madden. Mr. Ernst made a motion to approve the compensation and benefit study proposal from Compensation Resources and seconded by Mr. King. Motion carried.

Ms. Fleisch asked for a motion to adjourn in Executive Session for the purposes of Real Estate, Potential Litigation and Personnel. The motion was made by Mr. King and seconded by Mr. Ernst. Motion carried. The meeting was adjourned into Executive Session at 7:06 pm.

The meeting was reconvened at 7:48 pm.

Mr. Prebor made a motion to approve the proposal for United Healthcare AUVV Gold Option 1 for employees and to allow employees to “buy-up” at their cost to the AUVS Platinum Plan. The motion was seconded by Mr. King. Motion carried.

Ms. Fleisch asked for a motion to adjourn. The motion was made by Mr. King and seconded by Mr. Ernst. Motion carried. The meeting was adjourned at 7:49 pm.

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Chairman - Vanessa Fleisch

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Treasurer/Secretary - Terry Ernst



November 28, 2018

Mr. Nathan Brooks  
Construction Coordinator  
Peachtree City Water and Sewerage Authority  
1127 Highway 74 South  
Peachtree City, Georgia 30269

RE: 2019.100 Annual Services Contract, Bid Award Recommendation

Dear Mr. Brooks:

Integrated Science & Engineering, Inc. (ISE) has reviewed the bids received by the Peachtree City Water & Sewerage Authority at 2:00 P.M., local time, on Tuesday, November 27, 2018, for the above-referenced project. A total of three (3) bids were received. ISE has reviewed each bid for completeness and accuracy. The following Contractors submitted bids:

Bid Order	Contractor	Base Bid Amount
1	Crawford Grading and Pipeline, Inc.	\$ 142,895.25
2	Constantine Constructors, Inc.	\$ 193,306.80
3	RDJE, Inc.	\$ 265,733.81

All bidders were considered qualified and had attended the pre-bid meeting. All were considered responsive and responsible. After initial review of the bids, the low bid amount of \$142,895.25 was submitted by Crawford Grading and Pipeline, Inc. of Luthersville, Georgia.

As part of due diligence, ISE reviewed four items from each bidder. Each bidder was required to submit their Georgia Utility Contractor License Number, a Bid Form, a Bid Bond in the amount of 5%, and a list of all public works projects performed in the last three years. Review was as follows:

#### Accuracy of Bid Form

A bid tab was prepared for the three bidders (attached) to verify bid amounts provided were summed correctly. Our review of the bids submitted indicate several mathematical errors, which are highlighted and shown in italics on the attached bid tabulation. The bid amounts herein reflect the corrected values for each contractor. The calculation errors had no bearing on the actual bid order.

1039 Sullivan Road  
Suite 200  
Newnan, Georgia 30265  
T: 678.552.2106

22 Barnard Street  
Suite 240  
Savannah, Georgia 31401  
T: 912.480.6935

1290 Main Street  
Suite C  
Daphne, Alabama 36526  
T: 251.210.2544

Mr. Nathan Brooks  
November 28, 2018  
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### **Utility Contractors License**

Crawford Grading and Pipeline, Inc. provided a Utility Contractor License Number of UC300426. This number was confirmed active with Georgia Secretary of State website.

### **Bid Bond & Certification with Department of the Treasury**

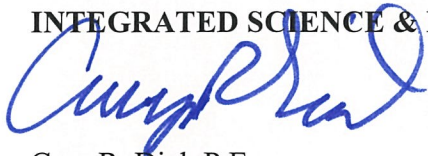
The Surety Company for Crawford Grading and Pipeline, Inc. was The Gray Casualty and Surety Company. They were verified on the U.S. Treasury Department Circular 570 list and therefore approved.

After bid evaluations, the apparent low bidder was Crawford Grading and Pipeline, Inc. in the amount of \$142,895.25. As such, ISE recommends the Peachtree City Water and Sewerage Authority award the Annual Services Contract to **Crawford Grading and Pipeline, Inc.**

Please call with any questions.

Sincerely,

**INTEGRATED SCIENCE & ENGINEERING, INC**



Cary R. Dial, P.E.  
Project Engineer

cc: Matt Crawford – Crawford Grading and Pipeline, Inc.

Encl: Bid Tabulation



**BID Tabulation for Peachtree City Water & Sewerage Authority Annual Services Contract**

BASE BID						CONSTANTINE CONSTRUCTORS, INC.		CRAWFORD GRADING & PIPELINE, INC.		RDJE, INC.	
ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE (FIGURES)	AMOUNT (FIGURES)	UNIT PRICE (FIGURES)	AMOUNT (FIGURES)	UNIT PRICE (FIGURES)	AMOUNT (FIGURES)	UNIT PRICE (FIGURES)	AMOUNT (FIGURES)
<b>EROSION &amp; SEDIMENTATION CONTROL</b>											
ES.1	PERMANENT (DS3) OR TEMPORARY (DS2) GRASSING WITH SOIL PREPARATION, FERTILIZER AND STRAW MULCH (REQUIRED DAILY UNLESS OTHERWISE APPROVED BY THE AUTHORITY)	1	ACRE			1,512.50	\$1,512.50	3,000.00	\$3,000.00	2,000.00	\$2,000.00
ES.2	TEMPORARY SILT FENCING - TYPE A (SD1-A) INCLUDING MAINTENANCE	100	LF			3.22	\$322.00	2.50	\$250.00	2.00	\$200.00
ES.3	TEMPORARY SILT FENCING - TYPE C (SD1-C) INCLUDING MAINTENANCE	50	LF			4.37	\$218.50	4.00	\$200.00	5.00	\$250.00
ES.4	REMOVAL OF SILT FENCE - TYPE A	100	LF			2.86	\$286.00	1.00	\$100.00	2.00	\$200.00
ES.5	REMOVAL OF SILT FENCE - TYPE C	50	LF			2.86	\$143.00	2.00	\$100.00	2.25	\$112.50
ES.6	HAY BALE CHECK DAM (SD1-HB)	2	EACH			49.50	\$99.00	125.00	\$250.00	220.00	\$440.00
<b>EARTHWORK &amp; CLEARING</b>											
EC.1	CLEARING FOR SEWER LINES, NON-FLOODPLAIN AREAS (PRICE INCLUDES DISPOSAL, CHIPPING, SHREDDING AND/OR HAULING OF DEBRIS)	1	ACRE			8,500.00	\$8,500.00	6,000.00	\$6,000.00	12,000.00	\$12,000.00
EC.2	CONSTRUCTION EXITS (CO) - 20' x 50'	1	EACH			1,980.00	\$1,980.00	1,500.00	\$1,500.00	3,000.00	\$3,000.00
<b>REMOVAL &amp; REPLACEMENT PAVING</b>											
RR.1	HOT MIX ASPHALT PAVEMENT REPAIR (PCWSA DETAIL 110)	20	SY			77.00	\$1,540.00	170.00	\$3,400.00	300.00	\$6,000.00
RR.2	CONCRETE DRIVEWAY & SIDEWALK REPLACEMENT (4" TO 6" DEPTH)	5	SY			145.00	\$725.00	200.00	\$1,000.00	150.00	\$750.00
<b>FORCE MAIN SEWER LINES</b>											
FM.1	6" CLASS 350 DIP TO NORMAL DEPTH W/ 4' COVER - (PCWSA DETAIL 111, CLASS "B" BEDDING)	100	LF			61.48	\$6,148.00	50.00	\$5,000.00	77.00	\$7,700.00
FM.2	4" CLASS 350 DIP TO NORMAL DEPTH W/ 4' COVER - (PCWSA DETAIL 111, CLASS "B" BEDDING)	100	LF			69.78	\$6,978.00	55.00	\$5,500.00	86.00	\$8,600.00
FM.3	6" DR11 D.I.P.S. HDPE TO NORMAL DEPTH W/ 4' COVER - (PCWSA DETAIL 111, CLASS "B" BEDDING)	100	LF			56.62	\$5,662.00	50.00	\$5,000.00	66.00	\$6,600.00
FM.4	4" DR11 D.I.P.S. HDPE TO NORMAL DEPTH W/ 4' COVER - (PCWSA DETAIL 111, CLASS "B" BEDDING)	100	LF			55.62	\$5,562.00	50.00	\$5,000.00	50.00	\$5,000.00
<b>MANHOLE INSTALLATION</b>											
MH.1	STANDARD 4' DIAMETER MANHOLE INCLUDING BASE, RISER, CONE & STANDARD FRAME & COVER (PCWSA DETAIL 101)	6	VF			905.50	\$5,433.00	400.00	\$2,400.00	800.00	\$4,800.00
MH.2	STANDARD 4' DIAMETER "DOGHOUSE" MANHOLE INSTALLED OVER EXISTING SEWER INCLUDING BASE, INVERT, RISER, CONE & STANDARD FRAME & COVER (PCWSA DETAIL 101)	6	VF			966.00	\$5,796.00	500.00	\$3,000.00	1,000.00	\$6,000.00
MH.3	CORE EXISTING MANHOLE, 0-12" DIAMETER HOLE	1	EACH			350.00	\$350.00	1,500.00	\$1,500.00	3,000.00	\$3,000.00
MH.4	STANDARD MANHOLE INVERT, 4' MANHOLE (PCWSA DETAIL 104)	1	EACH			3,000.00	\$3,000.00	750.00	\$750.00	600.00	\$600.00
<b>SEWER SERVICE LATERAL CONNECTION &amp; LINE</b>											
SLC.1	6" SEWER SERVICE LATERAL (SDR-26 PVC), FITTINGS, CONC. ENCASEMENT & CLEANOUT (PCWSA DETAIL 105)	8	EACH			813.75	\$6,510.00	1,500.00	\$12,000.00	6,000.00	\$48,000.00
<b>SANITARY GRAVITY SEWER LINES (PCWSA DETAIL 111)</b>											
SS.1	8" - CUT 0' TO 3.0' (DIP)	100	LF			43.32	\$4,332.00	60.00	\$6,000.00	102.00	\$10,200.00
SS.2	8" - CUT 3.1' TO 8.0'	100	LF			62.96	\$6,296.00	50.00	\$5,000.00	78.00	\$7,800.00
SS.3	8" - CUT 8.1' TO 14.0'	100	LF			96.76	\$9,676.00	60.00	\$6,000.00	88.00	\$8,800.00
SS.4	8" - CUT 14.1' TO 20.0' (D.I.P.)	100	LF			111.76	\$11,176.00	80.00	\$8,000.00	135.00	\$13,500.00
SS.5	10" - CUT 0' TO 3.0' (DIP)	100	LF			45.87	\$4,587.00	65.00	\$6,500.00	114.00	\$11,400.00
SS.6	10" - CUT 3.1' TO 8.0'	100	LF			65.61	\$6,561.00	55.00	\$5,500.00	82.00	\$8,200.00
SS.7	10" - CUT 8.1' TO 14.0'	100	LF			99.31	\$9,931.00	65.00	\$6,500.00	92.00	\$9,200.00
SS.8	10" - CUT 14.1' TO 20.0' (D.I.P.)	100	LF			104.41	\$10,441.00	85.00	\$8,500.00	147.00	\$14,700.00
SS.9	12" - CUT 8.0' TO 14.0'	100	LF			105.96	\$10,596.00	70.00	\$7,000.00	145.00	\$14,500.00
SS.10	12" - CUT 14.1' TO 20.0' (D.I.P.)	100	LF			108.96	\$10,896.00	90.00	\$9,000.00	160.00	\$16,000.00
<b>PIPE BURSTING</b>											
PB.1	8" PIPE BURSTING ALL DEPTHS	100	LF			213.25	\$21,325.00	70.00	\$7,000.00	135.00	\$13,500.00
PB.2	10" PIPE BURSTING ALL DEPTHS	100	LF			214.50	\$21,450.00	75.00	\$7,500.00	150.00	\$15,000.00
<b>TRAFFIC CONTROL</b>											
TC.1	TRAFFIC CONTROL DURING CONSTRUCTION	8	HOUR			70.00	\$560.00	120.00	\$960.00	150.00	\$1,200.00
<b>SUBTOTAL FOR ITEMS (ES.1 - TC.6)</b>							<b>\$188,592.00</b>		<b>\$139,410.00</b>		<b>\$259,252.50</b>
AF.1	INITIAL ADMINISTRATIVE FEE (BONDS, CONTRACT EXECUTION) (SUBTOTAL x 0.025)	1	LS	2.5%			\$4,714.80		\$3,485.25		\$6,481.31
<b>TOTAL BASE BID</b>							<b>\$ 193,306.80</b>		<b>\$ 142,895.25</b>		<b>\$ 265,733.81</b>



November 28, 2018

Mr. Nathan Brooks  
Construction Coordinator  
Peachtree City Water and Sewerage Authority  
1127 Highway 74 South  
Peachtree City, Georgia 30269

RE: 2019.101 Emergency Services Contract, Bid Award Recommendation

Dear Mr. Brooks:

Integrated Science & Engineering, Inc. (ISE) has reviewed the bids received by the Peachtree City Water & Sewerage Authority at 2:30 P.M., local time, on Tuesday, November 27, 2018, for the above-referenced project. A total of two (2) bids were received. ISE has reviewed each bid for completeness and accuracy. The following Contractors submitted bids:

Bid Order	Contractor	Base Bid Amount
1	RDJE, Inc.	\$ 14,040.56
2	Crawford Grading and Pipeline, Inc.	\$ 22,880.00

All bidders were considered qualified and had attended the pre-bid meeting. All were considered responsive and responsible. After initial review of the bids, the low bid amount of \$14,040.56 was submitted by RDJE, Inc. of Newnan, Georgia.

As part of due diligence, ISE reviewed four items from each bidder. Each bidder was required to submit their Georgia Utility Contractor License Number, a Bid Form, a Bid Bond in the amount of 5%, and a list of all public works projects performed in the last three years. Review was as follows:

#### **Accuracy of Bid Form**

A bid tab was prepared for the two bidders (attached) to verify bid amounts provided were summed correctly. No errors were found.

#### **Utility Contractors License**

RDJE, Inc. provided a Utility Contractor License Number of UC302155. This number was confirmed active with Georgia Secretary of State website.

1039 Sullivan Road  
Suite 200  
Newnan, Georgia 30265  
T: 678.552.2106

22 Barnard Street  
Suite 240  
Savannah, Georgia 31401  
T: 912.480.6935

1290 Main Street  
Suite C  
Daphne, Alabama 36526  
T: 251.210.2544



Mr. Nathan Brooks  
November 28, 2018  
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**Bid Bond & Certification with Department of the Treasury**

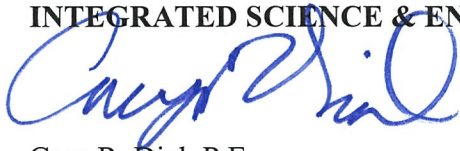
The Surety Company for RDJE, Inc. was Western Surety Company. They were verified on the U.S. Treasury Department Circular 570 list and therefore approved.

After bid evaluations, the apparent low bidder was RDJE, Inc. in the amount of \$14,040.56. As such, ISE recommends the Peachtree City Water and Sewerage Authority award the Emergency Services Contract to **RDJE, Inc.**

Please call with any questions.

Sincerely,

**INTEGRATED SCIENCE & ENGINEERING, INC**



Cary R. Dial, P.E.  
Project Engineer

cc: David Warda – RDJE, Inc.

Encl: Bid Tabulation

**BID Tabulation for Peachtree City Water & Sewerage Authority Emergency Services Contract**

<b>BASE BID</b>						<b>CRAWFORD GRADING &amp; PIPELINE, INC</b>		<b>RDJE, INC</b>	
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>ESTIMATED QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE (FIGURES)</b>	<b>AMOUNT (FIGURES)</b>	<b>UNIT PRICE (FIGURES)</b>	<b>AMOUNT (FIGURES)</b>	<b>UNIT PRICE (FIGURES)</b>	<b>AMOUNT (FIGURES)</b>
G.1	MOBILIZATION / DEMOBILIZATION	1	EACH			3,000.00	\$3,000.00	2,500.00	\$2,500.00
<b>EQUIPMENT RATES</b>									
E.1	8011, AIR COMPRESSOR, AIR DELIVERY 103 CFM TO 30 HP	8	HOUR			60.00	\$480.00	23.00	\$184.00
E.2	8051, BOARD, MESSAGE TO 5 HP	8	HOUR			125.00	\$1,000.00	36.00	\$288.00
E.3	8220, COMPACTOR TO 10 HP (WALK BEHIND)	8	HOUR			80.00	\$640.00	51.00	\$408.00
E.4	8252, DOZER, CRAWLER TO 160 HP	8	HOUR			160.00	\$1,280.00	131.00	\$1,048.00
E.5	8280 EXCAVATOR, (MINI) HYDRAULIC 0.5 C.Y. BUCKET TO 45 HP	8	HOUR			85.00	\$680.00	44.00	\$352.00
E.6	8283 EXCAVATOR, HYDRAULIC 2.5 C.Y. BUCKET TO 265 HP	8	HOUR			160.00	\$1,280.00	239.00	\$1,912.00
E.7	8312, GENERATOR, PRIME OUTPUT 43 KW TO 65 HP	8	HOUR			100.00	\$800.00	11.00	\$88.00
E.8	8393, LOADER, WHEEL BUCKET CAPACITY, 3 C.Y. TO 152 HP	8	HOUR			160.00	\$1,280.00	111.00	\$888.00
E.9	8411, MIXER, CONCRETE PORTABLE BATCHING CAPACITY, 12 CFT, 11 HP	8	HOUR			100.00	\$800.00	13.00	\$104.00
E.10	8479, PUMP, TO 200 HP, HOSES INCLUDED	8	HOUR			260.00	\$2,080.00	45.00	\$360.00
E.11	8518, JACKHAMMER (WET), WEIGHT CLASS 30-55 LBS	8	HOUR			125.00	\$1,000.00	10.00	\$80.00
E.12	8542, LOADER, SKID-STEER, OPERATING CAPACITY 3000 LBS TO 85 HP	8	HOUR			110.00	\$880.00	82.00	\$656.00
E.13	8602, TRAILER, EQUIPMENT 60 TON CAPACITY (LOW BOY)	8	HOUR			160.00	\$1,280.00	156.00	\$1,248.00
E.14	8654, GME 8-SERIES TRENCHBOX	8	HOUR			120.00	\$960.00	31.00	\$248.00
E.15	8722, DUMP TRUCK, STRUCK CAPACITY 12 C.Y. TO 400 HP	8	HOUR			125.00	\$1,000.00	100.00	\$800.00
E.16	8761, VIBRATOR, CONCRETE TO 4 HP	8	HOUR			50.00	\$400.00	6.00	\$48.00
E.17	8840, TRUCK, SERVICE FUEL AND LUBE UP TO 26,000 GVWR 215-225 HP. TO INCLUDE CHAINSAW, CUT-OFF SAW, WELDER, SMALL AIR COMPRESSOR, HAND TOOLS, ETC.	8	HOUR			55.00	\$440.00	27.00	\$216.00
E.18	8870, LIGHT TOWER, TEREX/AMIDA AL 4000 WITH (4) 500 WATT LIGHTS WITH 10KW POWER UNIT TO 13.5 HP	8	HOUR			50.00	\$400.00	18.00	\$144.00
ST.E	SUBTOTAL FOR EQUIPMENT (ITEMS E.1 - E.18)						\$16,680.00		\$9,072.00
<b>LABOR RATES</b>									
L.1	PROJECT MANAGER, REGULAR TIME	8	HOUR			90.00	\$720.00	81.94	\$655.52
L.2	SUPERINTENDENT, REGULAR TIME	8	HOUR			90.00	\$720.00	74.61	\$596.88
L.3	FOREMAN, REGULAR TIME	8	HOUR			70.00	\$560.00	59.05	\$472.40
L.4	OPERATOR, REGULAR TIME	8	HOUR			60.00	\$480.00	35.37	\$282.96
L.5	PIPE LAYER, REGULAR TIME	8	HOUR			50.00	\$400.00	30.60	\$244.80
L.6	LABORER, REGULAR TIME	8	HOUR			40.00	\$320.00	27.00	\$216.00
ST.L	SUBTOTAL FOR LABOR (L.1 - L.6)						\$3,200.00		\$2,468.56
M.1	ALLOWABLE MARKUP ON MATERIALS	1	LS	10%					
TOTAL BASE BID	G.1 + ST.E + ST.L						\$ 22,880.00		\$ 14,040.56