

Project 1981

Project 1982



3772 Puritan Way, Unit 4
Erie, Colorado 80516
303.833.1111
Fax 303.833.1119

April 22, 2007



Mr. Randall Ferguson
Mr. John Axelson
Colorado Oil & Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203-2136

**Re: Costs Proposal for Lewis Creek Gas Plant Reclamation Project &
Little Hoot Gas Plant Reclamation Project**

Dear Sirs:

Transportation & Industrial Services, Inc. (TIS) is pleased to present this proposal to the Colorado Oil & Gas Conservation Commission (COGCC) to conduct site reclamation activities at the above referenced sites in Logan County. The scope of work presented and resultant costs are based on information gathered from bid documents provided by and site visits with John Axelson on April 19, 2007.

Lewis Creek Gas Plant Reclamation Project

Tasks

1. Mobilize crew and equipment to site and perform utility locates at site using Colorado One Call and property owner's knowledge.
2. Excavate and remove concrete supports and pads as directed. Segregate topsoil, if possible. Load and haul concrete to Logan County Landfill in Sterling, CO for disposal as construction debris. Import fill material and backfill and compact excavations to prevent settling.
3. Excavate to 3 feet below surface grade and remove all verticals runs of exposed piping conduit and anchor posts. Seal ends with grout. Backfill and compact excavations.
4. Final grade disturbed areas to match existing topography and revegetate with seed mix recommended by local conservation district.
5. Final cleanup & demobilize crew and equipment from site.

Estimated Costs by Task

Task 1. Mobilization & Utility Locates.	\$ 2,900.00
Task 2. Remove & dispose concrete.	\$12,500.00
Task 3. Remove piping.	\$ 3,150.00
Task 4. Final grade & Revegetate.	\$ 3,250.00
Task 5. Demobilization.	<u>\$ 2,650.00</u>
TOTAL	\$24,450.00

Note: Due to its heavy weight cost to haul, load, and landfill concrete is approx. \$6,000.00. TIS recommends burying on site (pay landowner a fee?) or hauling to soil stabilization site (i.e. creek bank)

Emergency Response • Remediation • Industrial Services • Training

Little Hoot Gas Plant Reclamation Project

Tasks

1. Mobilize crew and equipment to site and perform utility locates at site using Colorado One Call and property owner's knowledge.
2. Excavate, size as necessary and bury concrete supports and pads as directed. Segregate topsoil, if possible. Compact excavations to prevent settling.
3. Demolish Quonset hut building using trackhoe. Burn on site, providing water truck and permit. Bury ashes and metal waste on site.
4. Remove piping in pit and fill in pit. Use excess excavated soils from burying concrete to bring up to surface grade.
5. Excavate to 3 feet below surface grade (bsg) and remove all verticals runs of exposed piping conduit and anchor posts. Seal with grout. Backfill and compact excavations.
6. Final grade disturbed areas to match existing topography and revegetate with seed mix recommended by local conservation district.
7. Final Cleanup and demobilize crew and equipment from site

Estimated Costs by Task

Task 1. Mobilization & Utility Locates.	\$ 2,900.00
Task 2. Excavate & bury concrete.	\$ 6,800.00
Task 3. Demolish Quonset hut and burn on site.	\$ 8,750.00
Task 4. Fill in pit.	\$ 1,850.00
Task 5. Remove piping.	\$ 1,650.00
Task 6. Final grade & Revegetate.	\$ 3,250.00
Task 7. Demobilization.	<u>\$ 2,650.00</u>
TOTAL	\$27,850.00

Cost Summary

TIS offers to conduct the projects on a Time and Materials Not-to-Exceed (NTE) basis for the estimated totals listed for each site. If both projects are awarded, a mobilization cost reduction of \$5,200.00 will realized, and the NTE total for both projects will be **\$47,600.00**

If you have any questions or require any additional information, please call me at 303.833.1111 or e-mail at gejohnson@tishazmat.com

Sincerely:

Transportation & Industrial Services, Inc.



Gary E. Johnson
President

TIME AND MATERIALS RATE SCHEDULE

Environmental/Emergency Response Services

Effective: December 1, 2006

I. LABOR

1000 Operations, Technical, and Administrative Personnel Rates

All labor rates apply to personnel performing labor on projects whether performed on or off site.

<u>Classification</u>	<u>Hourly Rate</u>
1000 Environmental Technician I	\$45.00
1010 Environmental Technician II	\$50.00
1020 Equipment Operator	\$60.00
1030 Project Foreman	\$60.00
1040 Project Supervisor	\$70.00
1050 Project Manager	\$80.00
1060 Senior Project Manager	\$90.00
1100 Emergency Response Technician I	\$55.00
1110 Emergency Response Technician II	\$60.00
1120 Emergency Response Equipment Operator	\$70.00
1130 Emergency Response Foreman	\$70.00
1140 Emergency Response Supervisor	\$80.00
1150 Emergency Response Project Manager	\$90.00
1160 Emergency Response Sr. Project Mgr.	\$100.00
1200 Administrative Assistant	\$30.00
1210 Site Safety Officer	\$60.00
1220 Specialists/Consultants, Other	\$75.00 – \$250.00

Section I Notes

1. **Standard Hours** - All labor rates listed above are for "Standard Hours". For purposes of this Rate Schedule "Standard Hours" is defined as any hours worked on a project between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, exclusive of Transportation & Industrial Services' (TIS) holidays.
2. **Non-Standard Hours** - For purposes of this Rate Schedule "Non-Standard Hours" is defined as: (i) all hours worked before 8:00 a.m. and/or after 5:00 p.m. Monday through Friday; (ii) all hours worked on Saturdays and/or Sundays. Non-Standard Hours will be billed at 1½ times the standard billing rate.
3. **Holiday Hours** - The hourly rates for labor performed on TIS holidays will be 2 times the billing rates listed in Section I.A. above.
4. **Holidays**- TIS holidays include New Years Day, President's Day, Easter Sunday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the day after Thanksgiving, Christmas Eve Day, and Christmas Day.
5. **Expert Testimony**-In the event any personnel scheduled above are engaged to provide expert testimony in any court or administrative proceeding the rate for such person while testifying either at a deposition or hearing shall be two (2) times the hourly rate scheduled above.
6. **Travel time** for personnel shall be billed at the corresponding rate stated above.

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2000 II. EQUIPMENT**A. Vehicles and Trailers****1. Emergency Response Units**

	<u>Description</u>	<u>Daily Rate</u>
2010	Trailer, Emergency Response 16'-20'	\$200.00
2020	Trailer, Emergency Response 20'-25'	\$250.00
2030	Truck, 3/4 Ton 4x4, Emergency Response	\$165.00
2040	Truck, 3/4 Ton 4x4, Emergency Response, Mileage	\$.50 per mile
2050	Truck, 1 Ton Crew Cab 4x4, Emergency Response	\$175.00
2060	Truck, 1 Ton Crew Cab, 4x4 Emergency Response, Mileage	\$.50 per mile
2070	Truck, Pickup, Emergency Response	\$150.00
2080	Truck, Pickup, Emergency Response, Mileage	\$.40 per mile

2. Other Units

	<u>Description</u>	<u>Daily Rate</u>
2105	Light Plant, 4000 Watt (Trailer Mounted)	\$195.00 + fuel
2110	Pressure Washer - 2,500 PSI (Cold water)	\$100.00
2115	Pressure Washer - 4,000 PSI (Trailer mounted w/ heat & water tank)	\$250.00
2120	Trailer, Utility, 12 ft.	\$75.00
2125	Trailer, Utility, 16 ft.	\$100.00
2130	Trailer, Utility, 20 ft.	\$150.00
2135	Truck, 3/4 Ton 4x4	\$140.00
2140	Truck, 3/4 Ton 4x4, Mileage	\$.50 per mile
2145	Truck, 1 Ton Crew Cab 4x4 with Lift Gate	\$150.00
2150	Truck, 1 Ton Crew Cab 4x4 with Lift Gate, Mileage	\$.50 per mile
2155	Truck, Pickup	\$125.00
2160	Truck, Pickup, Mileage	\$.40 per mile
2165	Vacuum Truck, 70-80 Barrel (includes operator)	\$85.00 / hr. + cleanout
2170	Vacuum Truck, >80-130 Barrel (includes operator)	\$95.00 / hr. + cleanout

NOTE: Hourly rates are portal to portal.

B. Heavy Equipment

	<u>Description</u>	<u>Daily Rate</u>
2205	Bobcat 743 or equivalent	\$250.00
2210	Case 580 Backhoe or equivalent	\$300.00
2215	CAT 215 Excavator or equivalent	\$750.00
2220	CAT 315 Excavator or equivalent	\$950.00
2225	CAT 950 Rubber Tire Loader or equivalent	\$900.00
2230	CAT 963 Track Loader or equivalent	\$800.00
2235	CAT D4H Dozer or equivalent	\$800.00
2240	CAT D6 Dozer or equivalent	\$1,150.00
2245	Dump Truck, Tandem (12 CY)	\$75.00/hr
2250	Dump Truck, End dump (18 CY), Mileage	\$85.00/hr
2255	Forklift	\$300.00

C. Pumps and Accessories

	<u>Description</u>	<u>Daily Rate</u>
Compressors:		
2305	Air (10-30 CFM)	\$75.00 + fuel
2310	Air (100 CFM)	\$100.00 + fuel
2315	Air (185 CFM)	\$175.00 + fuel
2320	Air (375 CFM)	\$300.00 + fuel

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Hoses:

2405	Air Hose	\$.20 / foot
2410	Discharge / Suction, General Purpose (1")	\$.25 / foot
2415	Discharge / Suction, General Purpose (1.5")	\$.30 / foot
2420	Discharge / Suction, General Purpose (2")	\$.40 / foot
2425	Stainless Steel Compressed Gas Transfer Hose (2")	\$.50 / foot
2430	Multi-Chem (XLPE) Chemical Hose (1.5")	\$7.50 / foot
2435	Multi-Chem (XLPE) Chemical Hose (2")	\$10.00 / foot
2440	Stainless Steel Transfer Hose (2")	\$25.00 / foot
2445	Chemcat (UHMWPE) Chemical Hose (1")	\$5.00 / foot
2450	Chemcat (UHMWPE) Chemical Hose (2")	\$15.00 / foot

Pumps:

2505	Centrifugal – Pacer (2")	\$200.00
2510	Double Diaphragm – Teflon or SS (3/4")	\$100.00 + rebuild
2515	Double Diaphragm – Aluminum or Steel (1")	\$100.00 + rebuild
2520	Double Diaphragm – Aluminum or Steel (2")	\$150.00 + rebuild
2525	Double Diaphragm – Kynar w/ Viton Elastomers (2")	\$350.00 + rebuild
2530	Double Diaphragm – Stainless Steel w/ Teflon Elastomers (1")	\$150.00 + rebuild
2535	Double Diaphragm – Stainless Steel w/ Teflon Elastomers (2")	\$250.00 + rebuild
2540	Drum Pump, Chemical Resistant, Intrinsically Safe	\$100.00
2545	Submersible (1")	\$200.00
2550	Submersible (2")	\$300.00
2555	Trash Pump (2")	\$100.00
2560	Trash Pump (3")	\$200.00

D. Marine Equipment**Description****Daily Rate****Boom:**

2615	Anchor and Float	\$25.00 / set
2620	10" Containment	\$1.10 / foot
2625	18" Containment	\$1.50 / foot
2630	24" Containment	\$2.00 / foot
2635	Mini-boom	\$0.75 / foot

Skimmers and Recovery Equipment:

2640	Diesel / Gasoline Powered	\$210.00
2645	Mobile Vacuum Unit	\$350.00
2650	Vacuum Operated Skimmer	\$140.00

E. Sampling Equipment**Description****Daily Rate**

2705	Hand Auger, Stainless Steel	\$75.00
2710	Haz-Cat Analysis	\$35.00 / test
2715	Hydrocarbon Field Test Kit	\$50.00
2720	Monitor Well Groundwater Depth Probe	\$25.00
2725	Slim Tube / Split Spoon Sampler	\$100.00
2730	Radiation Detection Set (CD V-777)	\$75.00

F. Other Equipment**Description****Daily Rate**

2805	Air Mover, Venturi	\$25.00
2810	Air Mover, Air Driven, 11,000 cfm	\$100.00
2815	Air Mover, Electric Intrinsically Safe (5000 cfm)	\$75.00

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2820	Chlorine Kit (A, B or C)	\$500.00 + repairs
2825	Cutting Torch Kit (plus oxygen & acetylene)	\$50.00
2830	Cylinder Tapping Device	\$1,000.00
2835	Drum Dolly	\$20.00
2840	Drum Grabber	\$60.00
2845	Drum Sling	\$25.00
2850	Drum Tipper	\$80.00
2855	Pallet Jack	\$20.00
2860	Frac Tank (20,000 gal)	\$65.00 / day plus cleanout
2865	Generator, 10 Kilowatt or less	\$110.00
2870	Generator, >10 KW-50 KW	\$200.00
2875	Heater, Propane	\$50.00
2880	Lights, Explosion Proof	\$40.00
2885	Lights, Quartz Demolition	\$35.00
2890	Mobile Phone	\$25.00
2895	Radio, Hand Held (Intrinsically Safe)	\$25.00
2900	Roll Off Box Delivery (per hour)	\$85.00 / hour
2905	Roll Off Box (per day)	\$25.00
2910	Safety Fence, Orange	\$2.00/ft.
2915	Saw, Circular (Rescue)	\$32.00 + blades
2920	Saw, Reciprocating (Sawzall)	\$30.00 + blades
2925	Tank, Poly Storage (300 gallon)	\$30.00
2930	Tool Kit, Non Sparking	\$75.00
2935	Tool Kit, Hand	\$50.00
2940	Tools, Pneumatic	\$75.00
2945	Traffic Cones	\$3.00 / each
2950	Vacuum, HEPA	\$100.00
2955	Vacuum, Mercury	\$200.00
2960	Vacuum, Shopvac (dry and liquid)	\$40.00
2965	Flare Unit, 3"	\$200.00
2970	Fuel Filtering Unit (Titan)	\$75.00 + filters
2975	Grinder, Electric	\$30.00 + wheels

Other Rental Provisions

The following additional rental provisions apply to the extent they do not conflict with any of the Notes following Section II.A. or II.B. above.

1. The rates scheduled above apply to equipment utilized by TIS in the performance of the work. Rental shall be charged for all hours the equipment is in the possession of TIS employees performing work at the work site, whether or not such equipment is in constant use.
2. For those items of equipment for which rental is expressed as a day rate, the day rental rate shall apply to each 24 hour period during which the equipment is in possession of TIS employees performing work. The minimum rental period for daily equipment is one (1) day.
3. The rates stated in sections II. A through F above shall be applied to all items of equipment on the schedules which are utilized in the performance of the work, whether supplied from TIS inventory, specially purchased by TIS for performance of the work, procured from a TIS affiliate, or rented by TIS.
4. The charges for equipment operation in Section II. A through F is not included in these rates and will be charged using the appropriate labor category in Section I except on items which include operator as stated.
5. The rates in Section II. do not include pick-up, delivery, fuel, oil and grease, tarps, liners, and/or demurrage and will be charged at cost plus fifteen percent (15%) TIS mark-up on such costs.
6. During the course of performance of the work, TIS may add additional equipment items to the schedules above at rates to be determined by TIS and approved by Customer.

7. In the event any item of rental equipment is damaged beyond reasonable repair by conditions at the work site, TIS shall be entitled, at its option, in lieu of rental, to charge the replacement cost of such item of equipment plus fifteen percent (15%). Repairs to any equipment damaged on projects will be charged at cost plus fifteen percent (15%).
8. Decontamination charges for hose, boom, etc. will be charged according to the applicable labor and equipment in this schedule.
9. Rebuild fees will be charged when the pump is damaged during operation. Repair parts and labor may be charged in lieu of rebuild fees when minor damage occurs.

3000 III. PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT

A. Disposable Protective Clothing and Respiratory Items

<u>Description</u>	<u>Rate</u>
Boots:	
3005 Chemical (Bata) Boot	\$60.00 / pair
3010 Latex - XL Overshoe (Nuke Boots)	\$6.00 / pair
3015 Rubber S/T Boot	\$40.00 / pair
3020 Saranex Overshoe	\$4.50 / pair
3025 Tyvek Overshoe	\$3.00 / pair
Breathing Cartridge (MSA):	
3105 Mercury w/ P-100	\$45.00 / pair
3110 Respirator Cartridges (GME, etc.)	\$25.00 / pair
3115 P-100 (HEPA)	\$20.00 / pair
Gloves:	
3205 Butyl Rubber	\$35.00 / pair
3210 Cotton Knit	\$2.00 / pair
3215 Latex (Liners)	\$1.00 / pair
3220 Leather (lined or unlined)	\$12.00 / pair
3225 NEOX Neoprene	\$16.00 / pair
3230 Nitrile	\$4.00 / pair
3235 CHEMZOIL™ Heavy Duty Neoprene	\$20.00 / pair
3240 PVC Coated	\$8.00 / pair
3245 Silver Shield®	\$12.00 / pair
3250 PVA Coated	\$30.00 / pair
Suits:	
3305 Responder (fully encapsulated, vapor tight), Level A	\$1200.00 / each
3310 CPF4 (fully encapsulated), Level B	\$350.00 / each
3315 CPF4, Level B or C	\$80.00 / each
3320 CPF3, Level B or C	\$60.00 / each
3325 CPF2 or Saranex, Level B or C	\$50.00 / each
3330 CPF1, Level C or D	\$20.00 / each
3335 Tyvek, Polycoated, Level D	\$18.00 / each
3340 Tyvek or Nexgen, Level D	\$10.00 / each
3345 Chem-Tape (Suit tape) per roll	\$30.00 / each

B. Sampling / Monitoring Equipment

3405 Area/Personal Air Monitors	\$50.00
3410 Combustible/Oxygen Gas Detector	\$50.00
3415 GPS, Hand Held	\$25.00
3420 Gastec / Sensidyne Pump (detector tubes additional)	\$50.00
3425 Four Gas Monitor (LEL, CO, H2S, O2)	\$100.00
3430 Four Gas Monitor w/ VOC Sensor	\$150.00
3435 Mercury Vapor Meter	\$350.00
3440 Dissolved Oxygen /Temperature Meter	\$25.00
3445 pH/Conductivity Meter	\$25.00

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3450	pH Paper / Sticks	\$10.00 / package
3455	Organic Vapor Analyzer w/ PID	\$150.00
3460	Tubes, Detector	\$10.00 each
3465	Sampling Cassettes	\$8.00 each
3470	Temperature Sensor (Infrared, hand held)	\$25.00

C. Additional Items

<u>Description</u>	<u>Daily Rate</u>
3505 Breathing Air Line (50' section)	\$15.00 each
3510 Breathing Air Refills (high-pressure)	\$25.00 each
3515 Confined Space Equipment (Tripod, Extraction Hoist, and Harnesses)	\$250.00 each
3520 Escape Pack (5 Minute)	\$50.00 each
3525 Respirator (Full-face, APR)	\$30.00 each
3530 Supplied Air Mask (Full-face)	\$25.00 each
3535 SCBA (30 Minute)	\$75.00 each
3540 SCBA (60 Minute)	\$100.00 each
3545 Supplied Air System, Cascade (Manifold, Regulator and 4 Cylinders of Air)	\$200.00 each
3550 Safety Glasses (replacement)	\$6.00 each
3555 Goggles / Face Shield	\$8.00 each
3560 Hard Hats (Replacement)	\$18.00 each
3565 Dust Mask	\$1.00 each
3570 MSA Supplied Air Welding Mask	\$60.00 each

4000 IV. MATERIALS

<u>Description</u>	<u>Rate</u>
A. Absorbents / Granular Material	
4005 Boom, 8" x 10' (4 per bale)	\$200.00 / bale
4010 Boom, 5"x10' (4 per bale)	\$150.00 / bale
4015 Pads, 18" x 18" (oil or chemical)	\$80.00 / bale
4020 Granular, Clay (Floor Dry)	\$15.00 / bag
4025 Vermiculite (6 cubic foot bag)	\$20.00 / bag
4030 Oil Gator (30lb. bag)	\$45.00 / bag
4035 Acid Gator (25lb. bag)	\$45.00 / bag
4040 Cotton Rags (25 lb. box)	\$50.00 / box
B. Chemicals	
4105 Citric Acid (50 lb.)	\$100.00 / bag
4110 Degreaser (Mixed Solution)	\$3.00 / gallon
4115 Hydrochloric Acid	\$3.00 / gallon
4120 Hydrogen Peroxide (35%)	\$0.50 / lb.
4125 Lime (50 lb.)	\$12.00 / bag
4130 Soda Ash (50 lb.)	\$20.00 / bag
4135 Sodium Hypochlorite	\$4.00 / gallon
4140 Gator Wash (concentrate)	\$20.00 / gallon
4145 Simple Green TM (or comparable detergent)	\$10.00 / use
C. Drums (Open or Closed Top)	
4205 5 Gallon Poly or Steel D.O.T.	\$15.00 / each
4210 10 Gallon Poly or Steel	\$25.00 / each
4215 15 to 20 Gallon Poly or Steel	\$50.00 / each
4220 30 Gallon Poly or Steel	\$65.00 / each
4225 55 Gallon Poly or Steel	\$80.00 / each
4230 85 Gallon Poly Overpack	\$250.00 / each
4235 85 Gallon Steel Salvage Drum	\$175.00 / each

D. Miscellaneous

4305	Bags (Drum Liners), 6 mil	\$2.00 / each
4310	Broom, Street	\$20.00 / each
4315	Brush, Decontamination	\$10.00 / each
4320	Decontamination Pools	\$20.00 / each
4325	Eye Wash Station	\$50.00 / day
4330	Photographs (Digital Camera usage, Color prints)	\$30.00 / day
4335	Polyethylene Sheeting (20' x 100' roll) 6 mil	\$75.00 / roll
4340	Pump Sprayer (Hudson)	\$20.00 / day
4345	Pump, Barrel Siphon (disposable)	\$33.00 / each
4350	Putty, Repair (Plug & Dike)	\$7.50 / each
4355	Sample Scoops	\$2.00 / each
4360	Sampling Supplies (Alconox, Distilled water, Baggies, etc.)	\$20.00 / each
4365	Tape, Yellow Caution or Red Danger	\$25.00 / roll
4370	Tape, Duct	\$6.00 / roll
4375	Tubes, Colliwasa	\$20.00 each
4380	Labels, Placards	\$2.00 / each

5000 V. Reimbursable Costs**A. Additional Insurance Fee**

If the contract requires insurance coverages and limits exceeding TIS's standard insurance coverage, cost for the additional coverage required will be charged plus fifteen percent (15%) TIS mark-up

B. Subcontract Services

The compensation paid TIS for all outside services necessary to complete the work (such as laboratory charges and disposal fees) which are not performed by individuals scheduled in Section I above; but, rather, are subcontracted by TIS, shall be TIS's cost for such subcontract service plus fifteen percent (15%).

C. Non-Scheduled Equipment & Materials

The compensation paid TIS for any equipment and/or materials utilized by TIS in performance of the work, which is not listed in schedules above, shall be TIS's cost of such equipment and/or materials plus fifteen percent (15%) TIS mark-up on such costs.

D. Travel, Lodging and Per Diem

In addition to labor charges, TIS shall be reimbursed for expenses (such as airfare) incurred for employee travel to and from the work site on the basis of TIS' costs incurred for such travel plus fifteen percent (15%) mark-up on such costs. For all employees who do not reside in the local commuting area for the site of the work, a lodging and per diem charge of \$95.00 per day shall be due for each day that such employee is present at the locale of the work.

E. Freight/Transportation Charges

TIS shall be compensated for costs incurred for the transportation of equipment and materials to the site of the work and for the transportation back of equipment and any remaining supplies and materials, upon completion of the work, on the basis of TIS's cost for such transportation plus fifteen percent (15%) TIS mark-up thereon except where those items are covered by unit prices listed in the above schedule.

F. Taxes and Permits

The rates contained in this schedule include federal, state and local taxes. TIS shall be compensated for all costs incurred for any necessary project-related permits on the basis of TIS's hourly rates for time to procure such items, plus TIS's out-of-pocket cost for the permit plus percent (15%).