



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

Request for Quotation

RFQ NUMBER
DNR212126

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

FRANK WHITTAKER
304-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

STEAM SERVICES OF AMERICA
55 JOHN ALLMAN LANE
SYLVA, NC 28779

DIVISION OF NATURAL RESOURCES
CASS SCENIC RAILROAD ST PARK
ATTN: PARK SUPERINTENDENT
BOX 107
CASS, WV
24927 456-4300

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
03/21/2012				

BID OPENING DATE: 05/22/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		936-75		
STEAM BOILER MAINTENANCE AND REPAIR						
THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES IS SOLICITING BIDS FOR THE REPAIR AND RESTORATION OF A CLIMAX STEAM LOCOMOTIVE BOILER PER THE ATTACHED SPECIFICATIONS.						
MANDATORY PRE-BID						
A MANDATORY PRE-BID WILL BE HELD 04/27/2012 AT 9:00 AM CASS SCENIC RAILROAD LOCOMOTIVE SHOP, CASS SCENIC RAILROAD STATE PARK, RT 66, MAIN ST. CASS WV 24927. ALL INTERESTED PARTIES ARE REQUIRED TO ATTEND THIS MEETING. FAILURE TO ATTEND THE MANDATORY PRE-BID SHALL RESULT IN DISQUALIFICATION OF THE BID. NO ONE PERSON MAY REPRESENT MORE THAN ONE BIDDER.						
AN ATTENDANCE SHEET WILL BE MADE AVAILABLE FOR ALL POTENTIAL BIDDERS TO COMPLETE. THIS WILL SERVE AS THE OFFICIAL DOCUMENT VERIFYING ATTENDANCE AT THE MANDATORY PRE-BID. FAILURE TO PROVIDE YOUR COMPANY AND REPRESENTATIVE NAME ON THE ATTENDANCE SHEET WILL RESULT IN DISQUALIFICATION OF THE BID. THE STATE WILL NOT ACCEPT ANY OTHER DOCUMENTATION TO VERIFY ATTENDANCE. THE BIDDER IS RESPONSIBLE FOR ENSURING THEY HAVE COMPLETED THE INFORMATION REQUIRED ON THE ATTENDANCE SHEET. THE PURCHASING DIVISION AND THE STATE AGENCY WILL NOT ASSUME ANY RESPONSIBILITY FOR A BIDDER'S FAILURE TO COMPLETE THE PRE-BID ATTENDANCE SHEET. IN ADDITION, WE REQUEST THAT ALL POTENTIAL BIDDERS INCLUDE THEIR E-MAIL ADDRESS AND FAX NUMBER.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

RECEIVED

2012 MAY 22 AM 10:11

WV PURCHASING
DIVISION

GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
 2. The State may accept or reject in part, or in whole, any bid.
 3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
 4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
 5. Payment may only be made after the delivery and acceptance of goods or services.
 6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
 7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
 8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
 9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
 10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
 11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
 12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
 13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.html and is hereby made part of the agreement provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
 14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
 15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
 16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.
- I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130.
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



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Department of Administration
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DIVISION OF NATURAL RESOURCES
CASS SCENIC RAILROAD ST PARK
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03/21/2012				

BID OPENING DATE:

05/22/2012

BID OPENING TIME

01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ALL POTENTIAL BIDDERS ARE REQUESTED TO ARRIVE PRIOR TO THE STARTING TIME FOR THE PRE-BID. BIDDERS WHO ARRIVE LATE, BUT PRIOR TO THE DISMISSAL OF THE TECHNICAL PORTION OF THE PRE-BID WILL BE PERMITTED TO SIGN IN. BIDDERS WHO ARRIVE AFTER CONCLUSION OF THE TECHNICAL PORTION OF THE PRE-BID BUT DURING ANY SUBSEQUENT PART OF THE PRE-BID WILL NOT BE PERMITTED TO SIGN THE ATTENDANCE SHEET.						
ALL TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WV PURCHASING DIVISION VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV OR VIA FAX AT 304-558-4115 DEADLINE FOR ALL TECHNICAL QUESTIONS IS 05/01/2012 AT 4:00 PM. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.						
NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 365 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED.						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.						
CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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03/21/2012				

BID OPENING DATE: 05/22/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
NOTICE						
A SIGNED BID MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION						
PURCHASING DIVISION						
BUILDING 15						
2019 WASHINGTON STREET, EAST						
CHARLESTON, WV 25305-0130						
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF						
THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER: 44						
RFQ. NO.: DNR212126						
BID OPENING DATE: 05/22/2012						
BID OPENING TIME: 1:30 PM						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY						
TO CONTACT YOU REGARDING YOUR BID:						

CONTACT PERSON (PLEASE PRINT CLEARLY):						

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DNR212126PRICING SHEET

DESCRIPTION	LUMP SUM BID
REPAIR AND RESTORATION OF CLIMAX STEAM LOCOMOTIVE	<i>\$149,000.00</i>

If work is to be completed off site, the vendor must include all transportation costs in the lump sum bid.

All work must be completed within one year of purchase order award.

\$ 149,000.00
Lump Sum Bid

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. **Application is made for 2.5% resident vendor preference for the reason checked:**
 _____ Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 _____ Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 _____ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. **Application is made for 2.5% resident vendor preference for the reason checked:**
 _____ Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. **Application is made for 2.5% resident vendor preference for the reason checked:**
 _____ Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. **Application is made for 5% resident vendor preference for the reason checked:**
 _____ Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
 _____ Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
 _____ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: SSOA

Signed: [Signature]

Date: 5-21-12

Title: OWNER

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

RFQ No. DNR212/26STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATUREVendor's Name: STEAM SERVICES OF AMERICA / ROBERT FRANKENAuthorized Signature: Robert Frank Date: 5-21-12State of North CarolinaCounty of Jackson, to-wit:Taken, subscribed, and sworn to before me this 21 day of May, 2012.My Commission expires July 5, 2015.

AFFIX SEAL HERE

NOTARY PUBLIC



WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



DIVISION OF NATURAL RESOURCES

Cass Scenic Railroad State Park

P.O. Box 130

Green Bank, West Virginia 24944

Telephone (304) 456-4300

Fax (304) 456-4641

www.cassrailroad.com

Earl Ray Tomblin
Governor

Frank Jezioro
Director

Attendance Verification

Mandatory Pre-Bid Meeting - DNR212126 - Steam Boiler Maintenance and Repair

Date - 04/27/2012

Time: 9:00 a.m.

Place: Cass Scenic Railroad Locomotive Shop - Cass, West Virginia

Company Name: STEAM SERVICES OF AMERICA
Company Address: 55 JOHN ARL ROAD LN
SYLVA, NC 28779
Phone Number: 828 226 5214
Fax Number: 828 631 2901 (CALL FIRST)
E-Mail Address: SSOA2@b1@AOL.COM
Company Representative: ROBERT FEANZEN

Steam Services of America
Robert Franzen

328-631-2901 Office/Fax

5-21-2012

Frank Whittaker
304-558-2316

State of WV
Dept. of Administration
Purchasing Division
2019 Washington St. E
PO Box 50130
Charleston, WV 25305-0130


Re:
RFQ Number: DNR 212126
Buyer: 44
Bid Opening Date: 5-22-2012
Bid Opening Time: 1:30 PM

Mr. Whittaker,

Steam Services of America (SSOA), if possible, would like to arrange to receive a down payment of 50% of the bid price when the job/bid is awarded. Or SSOA would like to arrange some type of payment plan for payments after certain intervals of work are complete. I think this could be negotiated once the bid is awarded?

If a down payment or if a payment plan is not acceptable, SSOA will work with the structure of the way the State of WV has it listed in the bid package?

Thank you,

A handwritten signature in black ink, appearing to read "Robert Franzen", with a stylized flourish at the end.

Robert Franzen
President/Owner SSOA

ROBERT CARL FRANZEN, JR.

828-631-2903 Fax

SUMMARY OF QUALIFICATIONS:

Degreed Mechanical Engineer with over 29 years of applied experience including management supervision, design, repair, project management, and practical mechanical application.

MAJOR RAILROAD ACCOMPLISHMENTS:

- Vice President and General Manager of the Great Smoky Mountains Railroad (GSMR) a Freight and Tourist Railroad with 8 million in gross revenues.
- Planned, designed and coordinated GSMR main office move from Dillsboro, NC to Bryson City, NC which included computer systems, reservation systems and office staff.
- Wrote and negotiated license agreements for railroad right of ways at GSMR.
- Planned, coordinated, wrote contracts, purchased, shipped and rebuilt Grand Canyon Railway Locomotive and Passenger Car fleet.
- Designed and built Grand Canyon Railway 350KW power car and installed four under the frame Stadco generator sets on passenger cars.
- Managed Grand Canyon Railway Equipment Maintenance and Repair Shop with an average budget of 3 million dollars per year. Also responsible for purchasing, scheduling, and hiring a 55 person work force.
- Managed the maintenance and rebuilding of diesel engines, steam engines, passenger cars of 1920 and 1950 vintages, and freight cars.
- FRA Certified Locomotive Engineer (steam and diesel, no restrictions, 16 years).
- Rules qualified (general code, 16 years).
- Sixteen plus years managing and supervising the operation, maintenance, and rebuilding of steam and diesel locomotives, passenger cars, and freight cars.
- Operated locomotives with No. 6, No. 8, No. 24, No 26-L brake equipment. Also worked with 26-C, D-22, ABD, ABDW, ABWCX and UC-12 passenger car brakes.
- Bought, sold and moved all types of engines, cars, and railroad equipment.
- Locomotive and passenger car consultant and inspector.
- Qualified Engineer, Fireman, Welder, Boilermaker, Mechanic, Hostler, General Machinist, Conductor, Brakeman and Carmen.

SPECIAL ACCOMPLISHMENTS:

- Voting member of National Board Inspection Code for Locomotive Boilers for Special Subgroups for Installation, Inspection, & Repairs & Alterations (Parts 1, 2, & 3)
- Voting member of Engineering Standards Committee which wrote new FRA Steam Locomotive Inspections and Maintenance Standards, CFR 49-Part 230.
- Managed and rebuilt Engine 4960 ex. CB&Q 2-8-2, the largest and most extensive rebuild project of a steam locomotive in modern times.
- Personally generated 20 plus articles and six professionally produced videos on the rebuild of 4960.
- Annually attend Regional Short Line Association Meetings, Tourist Railway Convention, Railway Passenger Car Alliance and have attended numerous Federal Railway Administration Meetings.
- Twenty Six years working on forty plus steam locomotives
- BNSF engineer simulator and rules training class, March 1998
- Engineer, Contractor and Consultant on Milwaukee Road 261, 4-8-4, 1992 to present (as engineer, 15,000 miles on Class 1 and Regional Railroads).

WORK EXPERIENCE:

Steam Services of America (www.steamservicesofamerica.com)

Sylva, North Carolina

January 1999 – Present

Owner/President

Steam Services of America provides Railroad Consulting, Contract Work, Design and Parts Distribution Sales, On Site Boiler Repairs and Inspections, Boiler Rebuilds, Custom Flanging, Form 4 Inspections and Calculations, Steam Engine Wheel Work, Passenger Car Rebuilds and Maintenance, Event Coordinator, Project Management, Engineering Services, and Operations Training.

RECENT PROJECTS:

- Contractor & Project Manager for Ohio Central RR for boiler work on steam engine 763
- Contractor & Consultant for Steam Railroading Heritage for operating steam locomotive for movie: "Public Enemies" starring Christian Belle & Johnny Depp
- Contractor for custom flanging Door Sheet for Dollywood Theme Park
- Contractor, Consultant & Project Manager for RJ Corman to put new steam locomotive in service from China per FRA rules & requirements & to train crews to operate locomotive
- Contractor for prep work and logistics for moving Business Car for RJ Corman
- Contractor, Consultant, Project & Logistics Manager for City of Baton Rouge, LA to move four passenger cars by rail and truck 45 miles
- Contractor, Consultant, Project & Logistics Manager for Iowa Pacific Holdings to logistically move 112 ton steam locomotive & tender by truck 500 miles and put locomotive in service per FRA rules & requirements
- Contractor & Project Manager for Ohio Central for boiler work on steam engine 1293
- Contractor for prep work and logistics for moving Diner Car for Monticello RR Contractor for Railroad Development Corp. to prep & operate two steam locomotives from China
- Contractor, Consultant, Project & Logistics Manager for City of Aiken, SC to move two passenger cars by truck 450 miles
- Inspected, appraised & written appraisal reports for railroad equipment for several railroads
- Contractor & Consultant for Reader Industries for rebuilding and operating steam locomotive for Movies: "There Will Be Blood" starring Daniel Day Lewis & "310 to Yuma" starring Russell Crow & Christian Belle
- Contractor & Consultant for Heber Valley Railroad to rebuild passenger car Contractor, Consultant & Project Manager for California Trolley Railroad for rebuilding steam locomotive 2479

Great Smoky Mountains Railroad

Bryson City, North Carolina

September 2004 - August 2005

Vice President and General Manager

Managed the daily operation of the Freight and Tourist railroad with 150 employees which included these departments: Operations, Mechanical, Accounting, Marketing and Sales, Reservations, Depot Staff, Track Maintenance, Food and Beverage, Retail, Human Resources

ACCOMPLISHMENTS:

- Increased revenues 25% in first year as VP&GM
- Increased Thomas the Tank revenues 30% in first year
- Implemented Polar Express and increased revenues in forth quarter of first year 600%.

- Designed and moved main office from Dillsboro to Bryson City.
- Negotiated 7.5 million RIFF Loan.
- Implemented Safety Program.
- Implemented new Passenger Car inspection procedures.
- Implemented new passenger cars rebuild and maintenance program.
- Implemented new Budgeting process and procedures.
- Planned and Designed new Diesel and Car Shop facility.
- Wrote and Sold ROW License Agreements.
- Streamlined and reorganized staffing.

Grand Canyon Railway

Williams, Arizona

January 1992 – August 2004

Chief Mechanical Officer

Managed the rebuild and maintenance of the Grand Canyon Railway locomotive, passenger and freight car fleets. Manage engineers, purchasing agent, tool room attendant, secretary, hostlers, machinists, boilermaker/welders, mechanics, carmen, laborers, approximately 55 men year round. Work involves: scheduling, maintaining 28,000 sq. ft. shop, annual budgets, monthly budget reviews and analysis, purchasing, diesel contract work, locomotive parts sales, car rebuild and repair.

ACCOMPLISHMENTS:

- Responsible for training engineers, hostlers, firemen, carmen, and shop personnel.
- Managed 480 Volt H.E.P. conversion of 15 passenger cars.
- Designed and managed the conversion of passenger car fleet from friction bearing to roller bearing and converted standard couplers to interlocking couplers.
- Managed major diesel engine prime mover rebuilds and all types of class repairs.
- From 1992 to 2004 ran 450,000 steam locomotive miles, 2400 trips without major mechanical failure.
- Designed and wrote ASME code weld repair procedures.
- Responsible for implementing contract locomotive diesel maintenance.
- Maintain all locomotives and passenger cars to FRA standards.
- Hire and manage work force, including four foremen over three shifts.
- Outside consultant for locomotive and passenger car maintenance and rebuilding.
- Managed the rebuild and maintenance the largest ALCO passenger diesel fleet in America.
- Generated an average of \$80,000/yr. in parts sales.
- Managed the maintenance of all track equipment and 35 company vehicles.
- Operate locomotives at 40 mph with 26 brake equipment, event recorders, and ditch lights.

Diversified Rail Services

Austin, Texas

July 1990- December 1991

Mechanical Superintendent

Company Mechanical Engineer responsible for managing railroad locomotive repair shop doing design, drafting and manufacturing. Work involves building and repairing fire-tube boilers, fabrication, and sheet metal work, pressure-vessel weld shop and machine shop.

ACCOMPLISHMENTS:

- Figured boiler maximum stress ASME code calculations.
- Hired and managed work force.
- Flanged and rolled new boiler plate for boiler shells and fireboxes.
- Rebuilt and tested Southern Pacific 2-8-2, No 786 (as engineer, ran 600+ miles).
- Installed crown sheet and crown bolts in N&W 4-8-4, No. 611.

Grand Canyon Railway

Williams, Arizona

June 1989-July 1990

Master Mechanic/Boilermaker

Responsible for obtaining, moving, and rebuilding steam locomotives during startup operations for railroad. Supervised mechanics and boiler shop, managed department budgets, developed rebuild schedules and operated the locomotives. Moved five steam locomotives from the Midwest to Arizona. Designed a \$3,000,000 shop and equipped it. Managed the rebuild and maintenance of two locomotives and twelve passenger cars in one year.

Teledyne CAE

Gainesville, Georgia

June 1987-June 1989

Material Review Engineer

Duties included evaluating deviant parts machined for turbine engines used in missiles and target drones and determining the most appropriate and cost-effective method of disposition. Responsible for implementing several unique repair methods resulting in considerable material and labor cost savings. Worked on Material Review Board Task Force to improve flow of hardware.

Diversified Rail. Services

Fort Wayne, Indiana

July 1986-June 1987

Shop Foreman

Responsible for evaluation of mechanical equipment associated with railroads, on-site repair and maintenance of the equipment, staff supervision and extensive trouble-shooting. Involved in all activities including boiler work, welding, pipe fitting, tear down, re-assembly of major components, and the rebuilding of steam and diesel locomotives and passenger cars.

General Electric Company

Large Gas Turbine Plant

Greenville, South Carolina

June- September 1983-1984 (summer employment)

Engineering Assistant in Quality Control and Assembly Planning and Methods

Assignments included writing appropriations requests, revising quality plans and developing new procedures. Designed and implemented a new air-cooled system for chilling hardware for spin test. Designed shop floor layout for machining and sheet metal shop; responsible for purchasing tooling, hand tools and machinery for the shop; also designed and produced many of the fixtures used in the facility.

September 1979-August 1982

Apprentice

Gained experience in all aspects of product design and development. Started working in machinist helper position actually making the product and progressed up each step of the apprenticeship program. At the completion of the program, worked with design engineers in product planning and development. Program included training in machining, facilities, quality control, and production planning and manufacturing engineering.

Education:

Clemson University, Clemson, South Carolina.

Received B. S. Degree in Mechanical Engineering Technology, December 1985.

Greenville Technical College, Greenville, South Carolina.

Received Associates Degree in Mechanical Engineering Technology, May 1982.