

**SECTION 905 -- PROPOSAL (CONTINUED)**

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.   1   DATED   1/14/2011     ADDENDUM NO.        DATED         
ADDENDUM NO.        DATED          ADDENDUM NO.        DATED       

Number	Description
1	Document No. 00 91 13; Table of Content, replaces same; Revised Section 00 01 10; Add Section 14 45 00; Amendment EBS Download Required.

TOTAL ADDENDA:   1    
(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE \_\_\_\_\_

\_\_\_\_\_  
Contractor

BY \_\_\_\_\_  
Signature

TITLE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

PHONE \_\_\_\_\_

FAX \_\_\_\_\_

E-MAIL \_\_\_\_\_

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of \_\_\_\_\_ and the names, titles and business addresses of the executives are as follows:

_____ President	_____ Address
_____ Secretary	_____ Address
_____ Treasurer	_____ Address

The following is my (our) itemized proposal.

BWO-5195-62(001) / 502308301   BWO-5196-62(001) / 502308302   Scott County(ies)

Revised 09/21/2005

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**ADDENDUM No. 1**  
**SECTION 00 91 13**

**DATE:** **JANUARY 10, 2011**

**PROJECT:** **MAINTENANCE AREA HEADQUARTERS AND  
EQUIPMENT SHED AT KALEM, SCOTT COUNTY,  
MISSISSIPPI**

**PROJECT NUMBERS:** **BWO-5195-62(001) 502308**  
**BWO-5196-62(001) 502308**

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Addenda issued on this Project will be included in Section 00 91 13 and become part of the Standard Form of the Agreement Between the Owner and the Contractor.

1.02 SPECIFICATIONS

- A. Section 00 01 10 – Table of Contents. Delete Table of Contents and replace with attached Table of Contents Revised January 10, 2011.
- B. Section 11 13 00 – Vehicle Lifts. Delete this Section and replace with attached Section 14 45 00 – Vehicle Lifts.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION

SECTION 00 01 10                      TABLE OF CONTENTS

PROJECT:                                      MAINTENANCE AREA HEADQUARTERS  
    & EQUIPMENT SHED AT KALEM  
    SCOTT COUNTY, MISSISSIPPI

PROJECT NUMBER:                      BWO-5195-62(001) 502308  
    BWO-5196-62(001) 502308

DATE:    8-30-10

**DESCRIPTION "A":** The Department of Transportation shall clear and grub the site and have in place a building pad of compact select material within one foot of finish floor. This Work shall consist of minor site work and all construction work necessary in constructing a Maintenance Area Headquarters for District Five at Kalem on Highway 80 East in Scott County, Mississippi, Project No. BWO-5195-62(001) 502308, in accordance with these Specifications and conforming to the Drawings.

**DESCRIPTION "B":** The Department of Transportation shall clear and grub the site and have in place a building pad of compact select material within one foot of finish floor. This Work shall consist of minor site work and all construction work necessary in constructing an Equipment Shed for the Maintenance Area Headquarters for District Five at Kalem on Highway 80 East in Scott County, Mississippi, Project No. BWO-5196-62(001) 502308 in accordance with these Specifications and conforming to the Drawings

**PAY ITEMS FOR FENCING AND GATES:** Refer to Mississippi Standard Specifications for Road and Bridge Construction, 2004 Edition, and the Drawings for requirements to furnish and install 6' chain link fence with top guard, gates, line posts, brace posts, and gate posts.

It is the intention of these Specifications to provide the necessary items and instruction for a complete building including all code compliance. Omission of items or instruction necessary or considered standard good practice for the proper installation and construction of the building shall not relieve the Contractor of furnishing and installing such items and conforming to the building codes having jurisdiction.

**DIVISION 00    PROCUREMENT AND CONTRACTING REQUIREMENTS**

SECTION	00 01 10	TABLE OF CONTENTS
SECTION	00 01 15	LIST OF DRAWING SHEETS
SECTION	00 11 13	ADVERTISEMENT FOR BIDS
SECTION	00 21 13	INSTRUCTIONS TO BIDDERS
SECTION	00 22 13	SUPPLEMENTARY INSTRUCTIONS TO BIDDERS
SECTION	00 42 00	PROPOSAL FORMS
SECTION	00 43 13	BID SECURITY FORM
SECTION	00 45 19	STATE NON-COLLUSION CERTIFICATE
SECTION	00 45 47	STATE BOARD OF CONTRACTORS REQUIREMENTS
SECTION	00 52 00	AGREEMENT FORMS
SECTION	00 61 00	BOND FORMS
SECTION	00 72 00	GENERAL CONDITIONS
SECTION	00 73 00	SUPPLEMENTARY CONDITIONS
SECTION	00 91 13	ADDENDA

**DIVISION 01    GENERAL REQUIREMENTS**

SECTION	01 10 00	SUMMARY
SECTION	01 26 00	CONTRACT MODIFICATION PROCEDURES

SECTION	01 29 00	PAYMENT PROCEDURES
SECTION	01 29 73	SCHEDULE OF VALUES
SECTION	01 31 00	PROJECT MANAGEMENT AND COORDINATION
SECTION	01 31 19	PROJECT MEETINGS
SECTION	01 32 00	CONSTRUCTION PROGRESS DOCUMENTATION
SECTION	01 33 00	SUBMITTAL PROCEDURES
SECTION	01 42 19	REFERENCE STANDARDS
SECTION	01 43 00	QUALITY ASSURANCE
SECTION	01 45 29	TESTING LABORATORY SERVICES
SECTION	01 50 00	TEMPORARY FACILITIES AND CONTROLS
SECTION	01 61 15	BASIC PRODUCT REQUIREMENTS
SECTION	01 62 14	PRODUCT OPTIONS AND SUBSTITUTION PROCEDURES
SECTION	01 73 29	CUTTING AND PATCHING
SECTION	01 74 00	CLEANING AND WASTE MANAGEMENT
SECTION	01 77 00	CLOSEOUT PROCEDURES
SECTION	01 78 23	OPERATION AND MAINTENANCE DATA
SECTION	01 78 39	PROJECT RECORD DOCUMENTS

**DIVISION 02 EXISTING CONDITIONS (Not Used)**

**DIVISION 03 CONCRETE**

SECTION	03 10 00	CONCRETE FORMING AND ACCESSORIES
SECTION	03 20 00	CONCRETE REINFORCING
SECTION	03 30 00	CAST-IN-PLACE CONCRETE

**DIVISION 04 MASONRY**

SECTION	04 20 00	UNIT MASONRY
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**DIVISION 05 METALS**

SECTION	05 50 00	METAL FABRICATIONS
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**DIVISION 06 WOOD, PLASTICS, AND COMPOSITES**

SECTION	06 10 00	ROUGH CARPENTRY
SECTION	06 17 53	SHOP-FABRICATED WOOD TRUSSES
SECTION	06 40 00	ARCHITECTURAL WOODWORK

**DIVISION 07 THERMAL AND MOISTURE PROTECTION**

SECTION	07 21 28	CELLULOSE THERMAL INSULATION
SECTION	07 26 00	VAPOR RETARDERS
SECTION	07 27 26	FLUID-APPLIED MEMBRANE AIR BARRIERS
SECTION	07 56 13	HIGH-PERFORMANCE ROOF COATING
SECTION	07 61 00	SHEET METAL ROOFING
SECTION	07 62 00	SHEET METAL FLASHING AND TRIM
SECTION	07 84 00	FIRESTOPPING
SECTION	07 92 00	JOINT SEALANTS

**DIVISION 08 OPENINGS**

SECTION	08 11 13	HOLLOW METAL DOORS AND FRAMES
SECTION	08 14 29	PREFINISHED WOOD DOORS
SECTION	08 31 13	ACCESS DOORS AND FRAMES
SECTION	08 33 23	OVERHEAD COILING DOORS
SECTION	08 41 13	ALUMINUM FRAMED ENTRANCES AND STOREFRONTS
SECTION	08 51 14	ALUMINUM WINDOWS-SINGLE HUNG
SECTION	08 51 15	ALUMINUM WINDOWS-HOPPER
SECTION	08 71 00	DOOR HARDWARE
SECTION	08 80 00	GLAZING

**DIVISION 09 FINISHES**

SECTION	09 05 15	COLOR DESIGN
SECTION	09 29 00	GYPSUM BOARD
SECTION	09 31 13	THIN-SET CERAMIC TILING
SECTION	09 51 00	ACOUSTICAL CEILINGS
SECTION	09 65 00	RESILIENT FLOORING
SECTION	09 68 00	CARPETING
SECTION	09 90 00	PAINTING AND COATING
SECTION	09 96 77	HIGH-PERFORMANCE COATING

**DIVISION 10 SPECIALTIES**

SECTION	10 11 00	VISUAL DISPLAY SURFACES
SECTION	10 14 00	SIGNAGE
SECTION	10 21 15	SOLID PLASTIC TOILET COMPARTMENTS
SECTION	10 26 13	CORNER GUARDS
SECTION	10 28 13	TOILET ACCESSORIES
SECTION	10 43 15	DEFIBRILLATORS AND CABINETS
SECTION	10 44 16	FIRE EXTINGUISHERS
SECTION	10 51 13	METAL LOCKERS
SECTION	10 56 13	METAL STORAGE SHELVING
SECTION	10 57 13	HAT AND COAT RACKS
SECTION	10 73 16	CANOPIES
SECTION	10 75 00	FLAGPOLES

**DIVISION 11 EQUIPMENT**

SECTION	11 18 14	DEAL TRAYS
SECTION	11 31 15	RESIDENTIAL APPLIANCES & EQUIPMENT

**DIVISION 12 FURNISHINGS**

SECTION	12 21 14	HORIZONTAL LOUVER BLINDS-METAL
SECTION	12 48 43	FLOOR MATS

**DIVISION 13 SPECIAL CONSTRUCTION**

SECTION	13 34 18	METAL BUILDING SHED
SECTION	13 34 19	METAL BUILDING SYSTEMS

**DIVISIONS 14**

SECTION	14 45 00	VEHICLE LIFTS
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**DIVISION 15 – 21 (Not Used)**

**DIVISION 22 PLUMBING**

SECTION	22 05 10	PLUMBING GENERAL REQUIREMENTS
SECTION	22 05 11	PLUMBING SUBMITTAL DATA
SECTION	22 05 29	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT
SECTION	22 05 53	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT
SECTION	22 07 00	PLUMBING INSULATION
SECTION	22 10 00	PLUMBING PIPING AND PUMPS
SECTION	22 13 00	FACILITY SANITARY SEWERAGE
SECTION	22 15 00	GENERAL SERVICE COMPRESSED-AIR SYSTEMS
SECTION	22 33 00	ELECTRIC DOMESTIC WATER HEATERS
SECTION	22 42 00	COMMERCIAL PLUMBING FIXTURES

**DIVISION 23 HEATING, VENTILATING, AND AIR-CONDITIONING**

SECTION	23 05 10	HVAC GENERAL REQUIREMENTS
SECTION	23 05 11	HVAC SUBMITTAL DATA
SECTION	23 05 13	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT
SECTION	23 05 15	DESIGN CONDITIONS
SECTION	23 05 29	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT
SECTION	23 05 53	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT
SECTION	23 05 93	TESTING, ADJUSTING AND BALANCING FOR HVAC
SECTION	23 07 00	HVAC INSULATION
SECTION	23 09 00	INSTRUMENTATION AND CONTROL FOR HVAC
SECTION	23 11 26	FACILITY LIQUEFIED PETROLEUM GAS PIPING
SECTION	23 23 00	REFRIGERANT PIPING
SECTION	23 30 00	HVAC AIR DISTRIBUTION
SECTION	23 34 00	HVAC FANS
SECTION	23 34 50	CEILING MOUNTED CIRCULATION FANS
SECTION	23 37 00	AIR OUTLETS AND INLETS
SECTION	23 37 13	DIFFUSERS, REGISTERS, AND GRILLES
SECTION	23 41 00	PARTICULATE AIR FILTRATION
SECTION	23 51 23	GAS VENTS
SECTION	23 55 23	GAS-FIRED RADIANT HEATERS
SECTION	23 55 33	FUEL-FIRED UNIT HEATERS
SECTION	23 81 26	SPLIT-SYSTEM AIR-CONDITIONERS
SECTION	23 81 48	SPLIT-SYSTEM HEAT PUMPS

**DIVISIONS 24 – 25 (Not Used)**

**DIVISION 26 ELECTRICAL**

SECTION	26 05 10	ELECTRICAL GENERAL REQUIREMENTS
SECTION	26 05 11	ELECTRICAL SUBMITTAL DATA
SECTION	26 05 19	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
SECTION	26 05 26	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
SECTION	26 05 33	RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS
SECTION	26 24 16	PANELBOARDS
SECTION	26 27 00	LOW-VOLTAGE DISTRIBUTION EQUIPMENT
SECTION	26 27 26	WIRING DEVICES
SECTION	26 28 16	ENCLOSED SWITCHES AND CIRCUIT BREAKERS
SECTION	26 29 10	MOTOR CONTROLS AND WIRING
SECTION	26 32 13	DIESEL-ENGINE-DRIVEN GENERATOR SETS
SECTION	26 41 00	FACILITY LIGHTNING PROTECTION
SECTION	26 50 00	LIGHTING

**DIVISION 27 (Not Used)**

**DIVISION 28 ELECTRONIC SAFETY AND SECURITY**

SECTION	28 23 00	SECURITY CCTV VIDEO SURVEILLANCE
SECTION	28 31 00	FIRE DETECTION AND ALARM

**DIVISIONS 29 – 30 (Not Used)**

**DIVISION 31 EARTHWORK**

SECTION	31 10 00	SITE CLEARING
SECTION	31 23 12	EXCAVATION, FILL AND GRADING
SECTION	31 31 16	TERMITE CONTROL

**DIVISION 32 EXTERIOR IMPROVEMENTS**

SECTION 32 16 15 CONCRETE CURBS AND SIDEWALKS  
SECTION 32 92 00 TURF AND GRASSES

**DIVISIONS 33-49 (Not Used)**

**DIVISION 50 MDOT PROCUREMENT AND CONTRACTING FORMS**

SECTION 905 PROPOSAL, PROPOSAL SHEET NO. 2-1 AND 2-2  
SECTION 905 COMBINATION BID PROPOSAL  
CERTIFICATE STATE BOARD OF CONTRACTORS REQUIREMENTS  
CERTIFICATION STATE NON-COLLUSION CERTIFICATE  
SECTION 902 CONTRACT FORM  
SECTION 903 CONTRACT BOND FORM  
BOND FORM BID BOND

(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET  
OF SECTION 905 AS ADDENDA)

END OF SECTION

SECTION 14 45 00

VEHICLE LIFTS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Vehicle lifts including safety equipment, controls and accessories.

1.02 RELATED SECTIONS

- A. Division 22 Section – “General-Service Compressed-Air Piping”
- B. Division 26 Section – “General Electrical Requirements”

1.03 REFERENCES

- A. ALI: Automotive Lift Institute.
- B. ANSI/ALI ALCTV: Safety Requirements for the Construction, Testing, and Validation of Automotive Lifts.

1.04 SUBMITTALS

- A. Submit under provisions of Section 01 33 00.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation manual.
  - 4. Operations manual.
  - 5. Maintenance manual.
  - 6. Safety manual.
- C. Shop Drawings: Template drawings and load reactions for lift application.

1.05 QUALITY ASSURANCE

- A. Installer Qualifications:
  - 1. Factory trained authorized company.
  - 2. Company insured for completed operations of installing lift.
- B. In addition to the other requirements outlined herein, the lift or lifts, shall comply with all applicable requirements of ANSI standards. "Safety Requirements for the Construction, Care and Use of Automotive Lifts" as published by the American national Standards Institute. The lift company Quality Management System shall be ISO9001 certified.

1.06 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

## 1.07 WARRANTY

- A. Contractor / manufacturer / installer has responsibility for an one year Corrective Period for work of this Section from date of Acceptance against deficiencies as stated in the manufacturer's standard warranty.
- B. Contractor / manufacturer / installer shall promptly and without inconvenience and cost to Owner correct said deficiencies: Failure due to defective materials and workmanship.
- C. Contractor / manufacturer / installer shall be notified immediately of defective products, and be given a reasonable opportunity to inspect the goods prior to return. Manufacturer will not assume responsibility, or compensation, for unauthorized repairs or labor.

## PART 2 - PRODUCTS

### 2.01 MANUFACTURER ACCEPTABLE MANUFACTURERS

- A. Drawings and Specifications are based on products manufactured by Rotary Lift., a Dover Company, 2700 Lanier Drive, Madison, IN 47250. Tel. (800) 640-5438.
- B. Equivalent products by the following manufacturers are acceptable:
  - 1. Challenger Lifts, Inc., Louisville, KY. Tel: (800) 648-5438.
  - 2. Mohawk Lifts, Amsterdam, NY. Tel: (800) 833-2006.
- C. Alternate Manufacturers: Products produced by other manufacturers that fully meet or exceed the specified requirements may be considered under provisions of Section 01 62 14 – Product Options and Substitution Procedures.

### 2.02 18,000 LB. FOUR POST SURFACE MOUNTED DRIVE ON GENERAL SERVICE LIFT SM18L / SM18EL SERIES

- A. Capacity: 18,000 lbs. (9,000 lbs. per runway).
- B. SM18L / SM18EL Series Single Point Manual Controls - Pneumatic (100 psi - 120 psi Air Required) Lock Release Electric Power Unit, UL201 Compliant, Over Hydraulic Cylinder Drive: (All Models Bio-Fluid Compatible)
  - 1. 2hp 208-230V, 1 phase Motor, 60Hz.
- C. Minimum Bay Requirements:
  - 1. SM18L: Floor space 16 feet x 27 feet.
- D. Rise: 68 inches (from floor to top of runway).
- E. Overall Length:
  - 1. SM18L: 275-3/16 inches (ramp to runway).
- F. Overall Width: 137-3/4 inches.
- G. Inside of Columns: 121-1/2 inches.

- H. Between Front and Rear Columns:
  - 1. SM18L: 212 inches.
- I. Height of Columns: 77-3/4 inches.
- J. Width of Runways: 22 inches.
- K. Height of Runways: 7-1/2 inches.
- L. Width Between Runways: 43 to 46 inches.
- M. Maximum Wheelbase:
  - 1. SM18L: 194 inches.
- N. Finishes: Blue, Standard RAL5005.
- O. Accessories:
  - 1. RJ9000: Rolling Jacks 9000 lbs. capacity (ea.) (100 psi minimum - 120 psi maximum required). Two required.
  - 2. Internal Air Line Kit (100 psi minimum - 120 psi maximum required).
- P. Lift shall be 3rd party certified by ETL testing laboratory and labeled with the ETL / Automotive Lift Institute (ALI) label that affirms the lifts meet conformance to all applicable provisions of American National Standard ANSI / ALI ALCTV-2006 and in compliance with IBC 2003, IBC 2006 chapter 30 section 3001.2.

### PART 3 - EXECUTION

#### 3.01 EXAMINATION

- A. Do not begin installation until supporting structures have been properly prepared.
- B. If supporting structure preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

#### 3.02 INSTALLATION

- A. Install in accordance with manufacturer instructions.

#### 3.03 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION