



BOBBY JINDAL
GOVERNOR

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

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WILLIAM D. ANKNER, Ph.D.
SECRETARY

September 22, 2009

STATE PROJECT NO. 455-09-0007
FEDERAL AID PROJECT NO. ARR-0021(021)
I-49 NORTH (US 71 (SOUTH) TO LA 2)
ROUTE I-49
CADD0 PARISH

SUBJECT: ADDENDUM NO. 3 (CONSTRUCTION PROPOSAL REVISION)

Gentlemen:

The following proposal revisions dated 09/22/09 on the captioned project for which bids will be received on Wednesday, September 30, 2009 have been posted on <http://www.dotd.la.gov/cgi-bin/construction.asp>.

1. Revised the special provision entitled **COST PLUS LIFE CYCLE COST BIDDING PROCEDURE (A+C METHOD)**. (1 page)
2. Revised the **LIFE CYCLE COST ANALYSIS**. (1 page)
3. Revised the **CONSTRUCTION PROPOSAL SIGNATURE AND EXECUTION FORM**. (2 pages)

Please note these revisions in the proposal and bid accordingly. Mandatory electronic bidding is required for this project, and electronic bids and electronic bid bonds must be submitted via www.bidx.com for this letting date.

Sincerely,

RANDAL D. SANDERS, P. E.
CONTRACTS & SPECIFICATIONS ENGINEER

Attachments

cc: Mr. Brian Buckel
Mr. John Sanders
Mr. Steve Christner
Mr. Joe Umeozulu
Mr. Bob Taylor
Mr. Eric Burges
Mr. Masood Rasouljan

COST PLUS LIFE CYCLE COST BIDDING PROCEDURE (A+C METHOD): The 2006 Standard Specifications, as amended elsewhere herein, are further amended as follows:

General. There are two (2) pavement alternates under consideration for this project. Each contractor should choose his preferred alternate to bid. The process for bidding and the award of this project will take into account not only the contract amount bid, but also the life cycle cost adjustment factor (life cycle cost adjustment factors are provided by the Department). This method will only be used to determine the successful bidder. It will not be used to determine the award amount nor final payment to the contractor.

Definition of terms. For this project the following definitions apply:

(a) Calendar day- Refer to Subsection 101.03.

(b) Contract Amount - The summation of the products of the quantities shown in the Schedule of Items multiplied by the unit bid prices.

(c) Life Cycle Cost Adjustment Factor – a dollar amount to be added to each bid which is based on costs for future rehabilitation needs of the alternate pavements over the 40 year analysis period. These values are determined by the Department, based on anticipated performance and engineering judgment.

(d) Final Acceptance - Refer to Subsection 105.17(b).

Consideration of bids. After bids are opened and read, they will be compared based on the Total Bid Amount as determined by the following formula.

Total Bid amount = A + C

Where:

A = the contract amount as defined herein:

Base Bid + Alternate A1 (Asphalt), or

Base Bid + Alternate A2 (Concrete).

C = the lump sum Life Cycle Cost Adjustment Factor for the relevant pavement alternate.

C1 Asphalt = \$3,406,300;

C2 Concrete = \$1,673,500;

(see Life Cycle Cost Analysis contained elsewhere herein).

Conditional Notice to Proceed/Notice to Proceed. If this A + C project is awarded during the months of September, October or November, the Department will consider issuing a Conditional Notice to Proceed with an expiration date of March 1 of the following calendar year, whereupon a Notice to Proceed will become effective. Such request for delay from the contractor shall be in writing with justification for the delay. If a Conditional Notice to Proceed is issued then any assembly period, as provided in the special provision "Contract Time", is negated.

LIFE CYCLE COST ANALYSIS

STATE PROJECT NO. 455-09-0007
I-49 NORTH (US 71 (SOUTH) TO LA 2)
CADDO PARISH
ROUTE I-49

ALTERNATE	PV FACTOR = 0.5553		PV FACTOR = 0.4564		PV FACTOR = 0.3083		PRESENT VALUE TOTALS
	YEAR 0	YEAR 15	YEAR 20	YEAR 30	YEAR 40		
A2	10,500 ADT	16,800 ADT	19,700 ADT	21,800 ADT	24,100 ADT		
	NEW JPC PAVEMENT 11.0 in JPCF 10.0 in CLASS II BASE COURSE (4.0 in CRUSHED STONE/REC, PCCP 5.0 in SOIL CEMENT) 6.0 in RCC SHOULDERS	NO ACTION	CLEANSEAL JOINTS SILICONE PATCHING PATCH 1% OF JOINTS	RETEXTURE TRAVEL LANES PATCHING PATCH 2% OF JOINTS	REMAINING INVESTMENT LIFE 0 YEARS	TOTAL INVESTMENT LIFE = 40 YEARS	
	CONST. COST: \$6,377,900 USER COST: \$0 TOTAL COST: \$6,377,900	TOTAL COST: \$0	CONST. COST: \$260,500 USER COST: \$1,313,400 TOTAL COST: \$1,573,900	CONST. COST: \$334,900 USER COST: \$2,763,400 TOTAL COST: \$3,098,300	TOTAL COST: \$0	CONST. COST: \$8,600,000 USER COST: \$1,451,400 TOTAL COST: \$10,051,400	
A1	NEW AC PAVEMENT 2.0 in AC WEARING COURSE 4.0 in AC BINDER COURSE 5.0 in AC BASE COURSE 10.0 in CLASS II BASE COURSE (4.0 in CRUSHED STONE/REC, PCCP 6.0 in SOIL CEMENT)	STRUCTURE REHAB COLD PLANE 2 in (EXCLUDING SHOULDERS) WITH OVERLAY 1.5 in AC WEARING COURSE 2.0 in AC BINDER COURSE 6.0 in EXISTING AC PAVEMENT 10.0 in EXISTING CLASS II BASE (SC/STONE)	NO ACTION	STRUCTURE REHAB COLD PLANE 2 in (INCLUDING SHOULDERS) WITH OVERLAY 2.5 in AC WEARING COURSE 10.5 in EXISTING AC PAVEMENT 10.0 in EXISTING CLASS II BASE (SC/STONE)	REMAINING INVESTMENT LIFE 0 YEARS	TOTAL INVESTMENT LIFE = 40 YEARS	
	CONST. COST: \$9,946,800 USER COST: \$0 TOTAL COST: \$9,946,800	TOTAL COST: \$3,953,400	TOTAL COST: \$0	CONST. COST: \$3,129,000 USER COST: \$726,700 TOTAL COST: \$3,855,700	TOTAL COST: \$0	CONST. COST: \$12,787,700 USER COST: \$565,400 TOTAL COST: \$13,353,100	

CONSTRUCTION PROPOSAL SIGNATURE AND EXECUTION FORM

THIS FORM, THE SCHEDULE OF ITEMS, AND THE PROPOSAL GUARANTY MUST BE COMPLETED AS INDICATED AND SUBMITTED TO THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT (DOTD) TO CONSTITUTE A VALID BID

STATE PROJECT NO.

455-09-0007

FEDERAL AID PROJECT NO.

ARR-0021(021)

NAME OF PROJECT

I-49 NORTH (US 71 (SOUTH) TO LA 2)

I (WE) HEREBY CERTIFY THAT I (WE) HAVE CAREFULLY EXAMINED THE PROPOSAL, PLANS AND SPECIFICATIONS, INCLUDING ANY AND ALL ADDENDA, AND THE SITE OF THE ABOVE PROJECT AND AM (ARE) FULLY COGNIZANT OF ALL PROPOSAL DOCUMENTS, THE MASTER COPY OF WHICH IS ON FILE AT DOTD HEADQUARTERS IN BATON ROUGE, LA., AND ALL WORK, MATERIALS AND LABOR REQUIRED THEREIN, AND AGREE TO PERFORM ALL WORK, AND SUPPLY ALL NECESSARY MATERIALS AND LABOR REQUIRED FOR SUCCESSFUL AND TIMELY COMPLETION OF THE ABOVE PROJECT AND TO ACCEPT THE SUMMATION OF THE PRODUCTS OF THE UNIT PRICES BID ON THE SCHEDULE OF ITEMS ATTACHED HERETO AND MADE A PART HEREOF MULTIPLIED BY THE ACTUAL QUANTITY OF UNIT OF MEASURE PERFORMED FOR EACH ITEM, AS AUDITED BY DOTD, AS FULL AND FINAL PAYMENT FOR ALL WORK, LABOR AND MATERIALS NECESSARY TO COMPLETE THE ABOVE PROJECT, SUBJECT TO INCREASE ONLY FOR PLAN CHANGES (CHANGE ORDERS) APPROVED BY THE DOTD CHIEF ENGINEER OR HIS DESIGNEE. THIS BID IS SUBMITTED IN ACCORDANCE WITH THE GENERAL BIDDING REQUIREMENTS IN THE CONSTRUCTION PROPOSAL AND ALL SPECIAL PROVISIONS, PLANS, SUPPLEMENTAL SPECIFICATIONS, AND THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (2006 EDITION). I (WE) UNDERSTAND THAT THE SUMMATION OF THE PRODUCTS OF THE UNIT PRICES BID ON THE SCHEDULE OF ITEMS MULTIPLIED BY THE ESTIMATED QUANTITY OF UNIT OF MEASURE FOR EACH ITEM, ALONG WITH ANY OTHER FACTORS SPECIFIED TO BE APPLICABLE SUCH AS CONSTRUCTION TIME AND/OR LANE RENTAL, SHALL BE THE BASIS FOR THE COMPARISON OF BIDS. I (WE) UNDERSTAND THAT THE SCHEDULE OF ITEMS MUST CONTAIN UNIT PRICES WRITTEN OUT IN WORDS AND THAT THE SCHEDULE OF ITEMS SUBMITTED AS PART OF THIS BID IS ON THE FORM SUPPLIED BY DOTD IN THE BID PROPOSAL. MY (OUR) PROPOSAL GUARANTY IN THE AMOUNT SPECIFIED FOR THE PROJECT IS ATTACHED HERETO AS EVIDENCE OF MY (OUR) GOOD FAITH TO BE FORFEITED IF THIS BID IS ACCEPTED BY DOTD AND I (WE) FAIL TO COMPLY WITH ANY REQUIREMENT NECESSARY FOR AWARD AND EXECUTION OF THE CONTRACT, AS WELL AS, SIGN AND DELIVER THE CONTRACT AND PAYMENT/PERFORMANCE/RETAINAGE BOND AS REQUIRED IN THE SPECIFICATIONS.

NONCOLLUSION DECLARATION (APPLICABLE TO FEDERAL-AID PROJECTS)

I (WE) DECLARE UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES AND THE STATE OF LOUISIANA THAT I (WE) HAVE NOT DIRECTLY OR INDIRECTLY, ENTERED INTO ANY AGREEMENT, PARTICIPATED IN ANY COLLUSION, OR OTHERWISE TAKEN ANY ACTION IN RESTRAINT OF FREE COMPETITIVE BIDDING IN CONNECTION WITH THE CONTRACT FOR THIS PROJECT NOR VIOLATED LA. R.S. 48:254.

BIDDER'S DBE GOAL STATEMENT (APPLICABLE TO DBE GOAL PROJECTS)

IF THIS PROJECT IS DESIGNATED BY SPECIAL PROVISION AS A DISADVANTAGED BUSINESS ENTERPRISE (DBE) GOAL PROJECT IN ACCORDANCE WITH THE DBE PROVISIONS OF THIS CONTRACT, THE BIDDER ASSURES DOTD THAT HE/SHE WILL MEET OR EXCEED THE DBE CONTRACT GOAL, OR IF THE BIDDER CANNOT MEET THE REQUIRED DBE GOAL, THE BIDDER ASSURES DOTD THAT HE/SHE HAS MADE AND CAN DOCUMENT GOOD FAITH EFFORTS MADE TOWARDS MEETING THE GOAL REQUIREMENT IN ACCORDANCE WITH THE CONTRACT AND DBE PROGRAM MANUAL INCORPORATED HEREIN BY REFERENCE.

THE APPARENT LOW BIDDER SHALL COMPLETE AND SUBMIT TO THE DOTD COMPLIANCE PROGRAMS OFFICE, FORM CS-6AAA AND ATTACHMENT(S) AND, IF NECESSARY, DOCUMENTATION OF GOOD FAITH EFFORTS MADE BY THE BIDDER TOWARD MEETING THE GOAL, WITHIN TEN BUSINESS DAYS AFTER THE OPENING OF BIDS FOR THIS PROJECT. RESPONSIVENESS OF INFORMATION SUPPLIED IN THIS SECTION OF THIS CONSTRUCTION PROPOSAL SIGNATURE AND EXECUTION FORM IS GOVERNED BY THE DBE REQUIREMENTS INCLUDED WITHIN THE SPECIFICATIONS AND DBE PROGRAM MANUAL.

CERTIFICATION OF EMPLOYMENT OF LOUISIANA RESIDENTS TRANSPORTATION INFRASTRUCTURE MODEL FOR ECONOMIC DEVELOPMENT (TIME) PROJECTS (APPLICABLE TO TIME PROJECTS)

IF THIS PROJECT IS DESIGNATED BY SPECIAL PROVISION AS A TRANSPORTATION INFRASTRUCTURE MODEL FOR ECONOMIC DEVELOPMENT (TIME) PROJECT AS DEFINED IN ACT NO. 16 OF THE 1989 FIRST EXTRAORDINARY SESSION OF THE LEGISLATURE WHICH ENACTED PART V OF CHAPTER 7 OF SUBTITLE II OF TITLE 47 OF THE LOUISIANA REVISED STATUTES OF 1950, COMPRISED OF R.S. 47:820.1 THROUGH 820.6.

THE BIDDER CERTIFIES THAT AT LEAST 80 PERCENT OF THE EMPLOYEES EMPLOYED ON THIS TIME PROJECT WILL BE LOUISIANA RESIDENTS IN ACCORDANCE WITH LOUISIANA R.S. 47:820.3.

NON PARTICIPATION IN PAYMENT ADJUSTMENT (ASPHALT CEMENT AND FUELS) STATEMENT

IF THIS PROJECT IS DESIGNATED BY SPECIAL PROVISION AS BEING SUBJECT TO PAYMENT ADJUSTMENT FOR ASPHALT CEMENT AND/OR FUELS, THE BIDDER HAS THE OPTION OF REQUESTING EXCLUSION FROM SAID PAYMENT ADJUSTMENT PROVISIONS THAT ARE ESTABLISHED BY SPECIAL PROVISION ELSEWHERE HEREIN.

IF THE BIDDER DESIRES TO BE EXCLUDED FROM THESE PAYMENT ADJUSTMENT PROVISIONS,

THE BIDDER IS REQUIRED TO MARK HERE ☐

FAILURE TO MARK THIS BOX PRIOR TO BID OPENING WILL CONSTITUTE FORFEITURE OF THE BIDDER'S OPTION TO REQUEST EXCLUSION.

CS-14A
08/06

L-1

BIDDER SIGNATURE REQUIREMENTS (APPLICABLE TO ALL PROJECTS)

THIS BID FOR THE CAPTIONED PROJECT IS SUBMITTED BY:

Name of Principal (Individual, Firm, Corporation, or Joint Venture)

If Joint Venture, Name of First Partner

(Louisiana Contractor's License Number of Bidder or First Partner to Joint Venture)

(Business Street Address)

(Business Mailing Address, if different)

(Area Code and Telephone Number of Business)

(Telephone Number and Name of Contact Person)

(Telecopier Number, if any)

If Joint Venture, Name of Second Partner

(Louisiana Contractor's License Number of Second Partner to Joint Venture)

(Business Street Address)

(Business Mailing Address, if different)

(Area Code and Telephone Number of Business)

(Telephone Number and Name of Contact Person)

(Telecopier Number, if any)

ACTING ON BEHALF OF THE BIDDER, THIS IS TO ATTEST THAT THE UNDERSIGNED DULY AUTHORIZED REPRESENTATIVE OF THE ABOVE CAPTIONED FIRM, CORPORATION OR BUSINESS, BY SUBMISSION OF THIS BID, AGREES AND CERTIFIES THE TRUTH AND ACCURACY OF ALL PROVISIONS OF THIS PROPOSAL, INCLUSIVE OF THE REQUIREMENTS, STATEMENTS, DECLARATIONS AND CERTIFICATIONS ABOVE AND IN THE SCHEDULE OF ITEMS AND PROPOSAL GUARANTY. EXECUTION AND SIGNATURE OF THIS FORM AND SUBMISSION OF THE SCHEDULE OF ITEMS AND PROPOSAL GUARANTY SHALL CONSTITUTE AN IRREVOCABLE AND LEGALLY BINDING OFFER BY THE BIDDER.

(Signature)

(Printed Name)

(Title)

(Date of Signature)

(Signature)

(Printed Name)

(Title)

(Date of Signature)

CONTRACTOR'S INFORMATIONAL BID

It is agreed that the total bid(s) shown below, determined by the bidder, are for informational purposes only and that the low bidder for this project will be determined in accordance with the special provision entitled **COST PLUS LIFE CYCLE COST BIDDING PROCEDURE (A+C METHOD)**, as determined by the Department.

A₁=Summation of products of the quantities shown in the Schedule of Items (BASE BID plus ASPHALT) (ALTERNATE A1) multiplied by the unit prices.

A₁=_____

C₁=Life Cycle Cost Adjustment Factor for ASPHALT, determined by the Department.

C₁= \$3,406,300.

Contractors Total Bid (A₁+C₁) = _____

OR

A₂=Summation of products of the quantities shown in the Schedule of Items (BASE BID plus CONCRETE) (ALTERNATE A2) multiplied by the unit prices.

A₂=_____

C₂=Life Cycle Cost Adjustment Factor for CONCRETE, determined by the Department.

C₂= \$1,673,500.

Contractor's Total Bid (A₂ + C₂) = _____

CS-14AA
08/06

L-2