

**ADDENDUM NO. 2 TO
PROPOSAL CONTRACT
FOR THE CONSTRUCTION OF
CONTRACT 4.2
MAIN STREET TO MAIN STREET MULTIMODAL CONNECTOR PROJECT**

SEPTEMBER 7, 2013

This addendum forms a part of the Contract Documents and modifies the original specifications and drawings, as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

This Addendum consists of 1 page and 3 attachments.

- Item No. 1: INFORMATIONAL ITEM FOR BIDDERS: Attached to this Addendum is an updated Meeting Summary for the Pre-Bid Meeting held on August 20, 2013.
- Item No. 2: INFORMATIONAL ITEM FOR BIDDERS: Attached to this Addendum is an updated Meeting Summary for the Pre-Bid Meeting held on August 20, 2013.
- Item No. 3: INFORMATIONAL ITEM FOR BIDDERS: Attached to this Addendum is a list of registered plan set holders current as of September 6, 2013.

Attachments:

1	Updated Summary of the Pre-Bid Meeting held on August 20, 2013.
2	Bidders Questions Log current as of September 7, 2013.
3	List of Plan Set holders as of September 6, 2013.

ALLEN & HOSHALL
1661 INTERNATIONAL DRIVE, SUITE 100
MEMPHIS, TENNESSEE 38120
JOB NO. 71790

Pre-Bid Meeting Summary

Project 4.2 Main Street to Main Street Multimodal Connector Project August 20, 2013 (updated 9-6-13)

Attendees List is attached

Items mentioned by the TPM team

1. Bid receipt by 2:00 PM September 6, 2013.
2. Bidders must be pre-qualified by TDOT 14-days in advance of proposal receipt. (That's this Friday)
3. Grounds for "Rejection of Proposals" – See "Instructions to Bidders", page 4.
4. Project will be subject to Buy-American and Davis-Bacon requirements.
5. Contract duration to Substantial Completion is 335 calendar days (Base Bid). Alternate Bid #1 Extends the duration to 450 calendar days. LD's = \$2,000/day.
6. DBE participation goal = 7.6%. Diversity workshop will be held on Thur to assist GC's network with sub-contractors. See specs for specific language regarding Good Faith Efforts to meet the goal and for documenting your efforts.
7. City of Memphis Bid Envelope is to be used. They will be distributed to bidders who identified themselves as "prime contractors". See "Additional Instructions to Bidders" for requirements when preparing your bids.
8. GC must self-perform not less than 30% of the total contract cost.
9. See "Additional Insurance Requirements – Union Pacific Railroad" for special insurance requirements. This insurance is to be paid for as a Lump Sum item. Note the normal insurance required by the City of Memphis will not be paid for separately. This latter insurance will be considered a subsidiary obligation of the Contract.
10. Successful proposer is required to execute the Contract, furnish the Payment & Performance Bond and furnish the Certificates of Insurance Coverage all within 10 days of receipt of notice of the award.
11. The Union Pacific Railroad (UPRR) has to approve the successful proposer. The General Contractor is required to prepare calculations of the loadings to be imposed on the Harahan Bridge during construction of the Project, and to submit these calculations to and secure the approval of the UPRR. General Contractor and sub-contractors employees accessing UPRR property must strictly observe all Railroad rules and regulations.
12. The General Contractor must submit his work plan to the US Coast Guard for approval prior to initiating any work on the bridge.

13. There are two Bid Allowances and two Bid Alternates on the Project. There is a performance specification for the Fire Suppression System. There is a "sole-source" specification for the security cameras.
14. See specifications for limitations on the amount that can be bid for "Mobilization".
15. Procedure for questions and clarifications:
Email all questions and clarification requests to Main2mainbids@mail2doc.com. Please put the Contract Number you are inquiring about in the Subject Line; that will expedite a response.

Do not call the City, the designers nor the Technical Project Manager. They are all under orders to not accept your phone calls.

All questions and clarifications will be addressed by Addenda to the Bid Documents. Cut-off date for questions and clarification requests is Close of Business August 29th.

Questions asked by meeting attendees

1. What Tennessee Contractors License classification is required for the Project?
Response: For Project 4.2 the successful bidder must have a Classification of HRA before the construction contract can be awarded.
2. Can there be some clarification given regarding the types of repair/remedial work required on the existing concrete deck structure at the West Trailhead?
Response: Refer to the Final Bridge Inspection Report for details of observed conditions. The concrete repairs required shall be the responsibility of the Registered Professional Engineer, as performed by the Contractor. The type of repairs may include the following work: removing damaged areas of concrete, cleaning and coating the exposed reinforcing steel or replacing portions of the reinforcing steel, and recasting the damaged area with concrete or grout.
3. Will e-railsafe certifications be required?
Response: Yes, the Union Pacific Railroad has advised that e-railsafe certifications will be required for all contractor, sub-contractor and vendor personnel accessing the Railroad's right-of-way.
4. Can there be some clarification given regarding the structural repairs required on the bridge itself?
Response: Bidders are directed to the specific language on Sheet 71 regarding the type and quantity of repairs required.
5. Can you provide the budgeted cost of the Project?
Response: The engineer's estimated construction cost for the Project is \$16.7 million.
6. Will building permits be required for the Project?
Response: Yes, building permits for the protection canopy structures located in Arkansas and electrical permits for the work located in both Tennessee and Arkansas will be required.
7. The technical specifications for aluminum planks as written potentially limit the number of vendors that can supply these materials. Can the specification language regarding the experience of the vendor and the grade of aluminum used be reviewed for possible revisions?
Response: In regards to experience, the required vendor experience may be supplemented with the experience of aluminum extruded products. In regards to grade of aluminum, the vendor may propose an approved equivalent grade of aluminum to be used for the deck planking; however the

new equivalent grade shall meet the design and manufactured unit criteria (refer to Specifications for Pay Item "Special: Aluminum Deck Planking") and not exceed the 5.9 psf self-weight (refer to section "Design Loads" on Sheet 35 of the Plans).

8. Will the upcoming TDOT project at I-55 and Crump Boulevard affect this Project?

Response: No, the anticipated work by TDOT is not expected to impact the construction of this Project.

9. The unit of measure for Pay Item 55 is inconsistent with City of Memphis' standard construction practices.

Response: The correct unit of measure of Pay Item 55 is "LF"; this error will be addressed by an addendum to the Project.

10. Can an electronic bid form be provided and used?

Response: No, proposers are required to use the hardcopy Bid Form provided in the Project Book. The TPM will issue an electronic version of the Bid Form for the convenience of the proposers but this form MUST NOT be used when completing the Bid Form. Failure to use the hardcopy provided in the Project Book will disqualify your bid.

11. Are proposers required to submit a bid for all alternates?

Response: Yes, proposers are required to submit a bid for all alternates identified in the Project Book. As stated in the City of Memphis - Instructions to Bidders, third paragraph: "Proposal shall be rejected as being irregular if they fail to contain a unit price for each item listed."

Allen & Hoshall

engineering since 1915

ATTENDEES PRE-BID MEETING

PROJECT 42

Main St to Main St Multimodal Connector Project

8-20-13

Name	Company	Email Address
GREG MAXTON	VARANAL BRIDGE	GREG@MAXLINEINC.COM
BRYAN DUFFEL	PHILIPS	BRYAN.DUFFEL@PHILIPS.COM
CHUCK SMITH	JORDAN	CHUCKS@NGPINC.COM
DERALD DANCY	JORDAN	DERALDD@NGP.INC.COM
KEITH FERRELL	FERRELL PAUM	KEITHWFERRELL@AOL.COM
STEVE BRIS	w.mphs Fence	sbris@westmemphisfence.com
JUAN SELF	SELF + TUCKER	jself@selftucker.com
MIKE CLARK	City of Memphis	MIKE.CLARK@MEMPHIS.TN.GOV
RICK FLETCHER	Ferrell Paum, Inc	fletcher@ferrellpaum.com
DANNY STOPPENHAGEN	CHRIS-HILL CONST	danny@chrishillconstruction.com
CRAIG CHRISTENBURY	" "	craig@chrishillconstruction.com
Hugh Terborgh	City of Memphis	Hugh.Terborgh@memphistn.gov
Mark McGuire	" " "	mark.mcguire@memphistn.gov
Kenneth Apperson	Ohio Greetings	Kapperson@ohiogreetings.com
MARIO WALKER	SELF + TUCKER	mwalker@selftucker.com
Adam A	QIF	AAthann@QIFab.com

Bidders Questions Log

Project 4.2 Main Street to Main Street Multimodal Connector Project (as of September 7, 2013)

Questions raised by Quality Iron Fabricators on August 23rd

1. Please Provide Deck Type, Gauge, and Finish. (ref: Dwgs 13 & 14)
Response: The metal deck infill shown on the South overhang portion of the Harahan Bridge shall adhere to the Specifications set forth in the Pay Item "Special: Aluminum Deck Planking".
2. Is the 54" tall railing similar to the one shown on Drawing 61 or the one on 62? (ref: Dwg 14)
Response: The 54" tall railing on the West Approach Concrete Ramp Bridge shall be similar to the railing shown on Plan Sheet 61.
3. Is the 7'-00" & 9'-00" tall Security Railing similar to the one shown on Drawing 61 or 62? (ref: Dwg 14)
Response: The 7'-0" and 9'-0" tall railing on the West Approach Concrete Ramp Bridge shall be similar to the railing shown on Plan Sheet 62.
4. Detail #4 indicates a 2-line rail. Is this correct or for reference purposes only? Should this rail be similar to that shown on the City of Memphis Drawing # *****? (ref: Dwg 16)
Response: Regarding detail #4 on sheet #16 (Access Ramp and Handrail - Longitudinal Section): In addition to the top and intermediate horizontal rails indicated, a 3rd horizontal rail shall be added at the bottom. This rail will be the same size (1.5" T.S.) as the intermediate and top rails. The bottom rail will be 3.5" clear of the pavement below and will extend the full length of the ramp.
5. Please clarify the rail type to be used for each height rail. (Drawing 61 or 62?). (ref: Dwgs 19-24)
Response: The 54" height mesh screen fence (detail 4 on sheet 21 and detail 5 on sheet 22) noted to be installed north of the approach sidewalk adjacent the segmented bloc wall should match the material and finish of the proposed safety rail detailed as noted on sheet 61 of 94, with the exception that the vertical post will be a 3"x3"x1/4" steel tube with the 2-1/2"x2-1/2"x 1/4" steel tube top rail, also, no kick plate is required.
6. When comparing the 11'-00" and 4'-06" tall railing shown on Drawings 25-28 to that shown on Drawings 61 & 62 there are significant differences, some of the differences are as follows.
 - a) *21-25 shows larger (not sized) WF vertical posts at the ends of each section with smaller members for the intermediate posts.
Response: Refer to Plan Sheets 61 and 62 for sizes.
*61-62 indicates a W6x15 vertical post at the ends, but also shows the W6x15 to be used for the intermediates also. Please clarify.
Response: The W6x15 vertical posts shall be used throughout.
 - b) *25-28 Pictures a cap plate on the end posts with a WT outrigger attached to that cap plate.
*61-62 Shows that a section of W6x15 is to be used for the cantilever.
Response: Refer to Plan Sheets 61 and 62 for details.
 - c) *25-28 Requires there to be decorative stiffeners to form a "Diamond Shape"
*61-62 Has no stiffeners required.
Response: Refer to Note 2 on Plan Sheet 39, the decorative stiffeners shall be located on the posts at the outrigger locations.

- d) *25-28 Indicates 3 horizontal runs. 1-Top, 1-Mid Post, and 1 at the end of the cantilevered member. The two horizontal members attaching to the post appear to be similar in size to the post, while the horizontal attaching to the cantilever is smaller. Please clarify.
*61-62 Indicates only two horizontal runs, 1-Top, and 1- Mid Post run. The 2 members are shown as HSS2-1/2 x 2-1/2.
Please clarify how the rails are to be constructed.

Response: Refer to Notes 1 and 7 on Plan Sheet 62 for responsibility of rail member connections to posts and mesh screening.

7. Drawing indicates that there may be additional framing required to support the Light Fixtures, and Cameras. Is there any additional framing required to support these or any other items? (ref: Dwg 34)
Response: Please provide additional clarification to question.

8. These drawings deal with the Canopy Structures, and although the drawings give a good representation of the overall configuration, they do not provide any dimensions or sizes. Are we to scale the drawings for overall geometry, spacing, beam depth, etc.? Is it possible to get some basic dimensional information to help with our estimate? (ref Dwg 32-34)

Response: The protective canopies shall adhere to the Section "Special Item - Protective Canopies" on Sheet 36A. Refer to Plan Sheet 14 for dimensional information.

9. The canopies will carry an enormous amount of wind load into the existing structure it is attaching to. Has the existing structure been checked to verify it will withstand the additional loads? If not, who's responsibility will it be to analyze the impact of the added canopies and make any upgrades necessary to strengthen the structure? (ref Dwg 32-34)

Response: The protective canopies shall adhere to the Section "Special Item - Protective Canopies" on Plan Sheet 36A. It is the responsibility of the Registered Professional Engineer, as employed by the Contractor, that the proposed protective canopies comply with applicable design codes and specifications.

10. a) Proposed Material language states that all material is to be galvanized with the exception of the Sub Stringers, which are to be weathering steel. (ref Dwg 35)

- b) Specification Notes only refer to Weathering Steel.

Please Clarify/Verify the Following Material.

Sub Stringers - Weathering Steel

Other Steel @ Boardwalk - ???

Response: Weathering Steel

Railings - Galvanize only

Gates, Bollards, Misc. - Galvanize only

Response: Refer to Plan Sheets 16, 17, and 22.

Canopies - ???

Response: Galvanize

Grating @ Railing - Galvanize only

Response: Refer to both Specifications for Mesh Screening

Planks - Aluminum

Response: Refer to Specification for Aluminum Deck Planking

11. The elevation indicates a W6x15 is to be used for all verticals, but the section seems to indicate smaller verticals. The approximate spacing of the vertical W6x15's is +/- 8'-00". Will the specified mesh screen span the 8'-00" without additional members? (ref Dwg 62)

Response: Refer to Note 1 on Plan Sheet 62, the Contractor shall verify the size of the proposed rail system members in coordination with the selected mesh screening manufacturer.

12. Where the cantilevered and mesh terminate, there is no horizontal shown. Should there be an HSS 2-1/2 x 2-1/2 running continuous in between the verticals to support the mesh? (ref Dwg 62)
Response: Refer to Note 1 on Sheet Plan 62, the Contractor shall verify the size of the proposed rail system members in coordination with the selected mesh screening manufacturer.
13. Also important to mention is that the aluminum planks will deteriorate if place directly on the sub stringers unless they are galvanized, or some type of bearing pad is used between the dissimilar metals.
Response: A bonded rubber insulation strip shall be provided between the deck planking and substringers, refer to Plan Sheets 39 and 65.
14. We cannot seem to verify location of the Overlook Platforms. Could you please advise?
Response: The overlook platforms shall be provided at Piers 2 and 3, refer to Plan Sheets 49 and 48, respectively.

Questions raised by Pyramid Electric on September 3rd

1. I have discovered some discrepancies within the bid form for the Main to Main Contract 4.2 that I wish to bring to your attention. The discrepancies are as follows:
- Item 104 should be 1-run with a quantity of 4,150
 - Item 105 should be 1-run with a quantity of 2,550
 - Item 106 should be 1-1/4" conduit instead of 2-1/2"
 - Item 107 should be 1-run with a quantity of 16,600
 - Item 108 should be 4/0 wire with a quantity of 10,500
 - Item 109 should be #4 wire with a quantity of 2,180
 - Item 110 should be 4/0 wire with a quantity of 4,150
 - Item 111 should be 1-run with a quantity of 2,625
 - Item 121 quantity should be 6,000
 - Item 122 quantity should be 26,300
 - Item 123 quantity should be 3,870
 - Item 124 should be an allowance by MLGW
- Per 280500.1.2.A.1 items 127, 128, and 129 should be F.B.O.
Response: The discrepancies will be corrected by an addendum to the documents.

Questions raised by OCCI on September 4th

1. Is there a Proposal that bidders need to have to submit the proposal? Our company downloaded the bid documents electronically but noticed in the Specs under "Rejection of Proposals" is states: "All of the documents that are bound therein are part of the Proposal and shall not be detached. Proposals shall not be taken apart. Proposals taken apart may be subject to rejection."
Response: The requirements regarding what needs to be included with the Proposal will be addressed by an addendum to the documents.

Questions raised by OCCI on September 5th

1. Will the City of Memphis pay partial payments for stored materials during the course of the project?
Response: Yes, payment for stored materials will be approved provided invoices are produced, and the material is secured and accounted for.

2. Are bidders expected to submit references with their proposal as described in Section 01010 - Part 1.01(B)?

Response: No, bidders are not required to submit references with their proposal. References are to be furnished when requested by the City.

3. Assuming subcontractors carry the same types of insurance coverage as described in the City of Memphis Insurance Requirement section, are the limits of General Liability and Auto coverage expected to match the Contractors', or can their limits be proportionate to their subcontract total?

Response: This question will be addressed in a future addendum.

4. Do DBE subcontractors have to be pre-qualified with TDOT as a contractor and pre-certified on the TNUCP list to be listed on the City of Memphis Disadvantaged Business Enterprise Compliance Form, or just pre-certified as a DBE on the TNUCP list? Assuming the apparent low bidder submits their proposed subcontractors' names 14 days after the bids are opened, the DBE subcontractor could be pre-qualified in the interim, correct?

Response: All subcontractors are required to file "prequalification questionnaires" with the Tennessee Department of Transportation. All contractors identified as a Disadvantaged Business Enterprise (DBE) must be on the Tennessee Uniform Certification Program (TNUCP) List at the time of the bid opening. The apparent successful bidder will be required to submit his proposed subcontractors for approval immediately after bidders are opened. All subcontractors must be approved prior to the 10-day deadline for executing the Construction Contract.

REGISTER OF PLANS & SPECIFICATIONS

#

Job Title: **Contract 4.2** – Main Street to Main Street Multimodal Connector Project

Estimated Const Cost: \$16.7 Million

A&H Job No: 71790

Owner: City of Memphis – Public Works Department

Project Manager: Harry Pratt

Checks Payable to: Allen & Hoshall

Bid Date: 9/6/13

Pre Bid Meeting Date: 8/20/13 @ 10:00 AM (See Additional Instructions to Bidders for location of meeting)

Cost of Plans: Hard copy - \$130.00
Electronic copy - \$15.00
Download – No charge

Set #	Issued to	GC (Y/N)	Street Address	Email	Telephone	Ck # Amt	Type of Sets	Date sent out	Method of Shipping (Mail / Overnight / Pickup / Download)
1	Allen & Hoshall	N	1661 International PI Dr Memphis TN 38120	hpratt@allenhoshall.com	901-262-8662	None 0.00	1	8/98/13	Pickup
2	HDR Engineering	N	9987 Carver Rd, Suite 200 Cincinnati, OH 45242	David.tomley@hdrinc.com	513-984-7500	None 0.00	1	n/a	US Mail
3	Jordan Aluminum Extrusion Company Chuck Smith, President	Y	4985 East Raines Road Memphis, TN 38118	chucks@ngpinc.com	901-795-6900	Check 010224	1	8/13	Pick up
4	APAC Tennessee, Inc. Philip Rodgers	Y	P.O. Box 13427 Memphis, TN 38133	prodgers@apac.com	901-496-0456	Cash \$30.00	1	8/13	Pick up
5	Quality Iron Fabricators Brian Eason	Y	1255 Harbor Ave. Memphis, TN 38113	lcads@qxifab.com	901-277-5976	Check 067254	1	8/16	Pick up

Set #	Issued to	GC (Y/N)	Street Address	Email	Telephone	Ck # Amt	Type of Sets	Date sent out	Method of Shipping (Mail / Overnight / Pickup / Download)
6	Chris-Hill Construction Co. Danny Stoppenhagen	Y	4749 Pleasant Run Rd. Memphis, TN 38118	danny@chrishillconstruction.com	901-767-6312	043652 \$30.00	Elec	8/9	Pick up
7	National Guard Products Chuck Smith, President	Y	4985 East Raines Road Memphis, TN 38118	chucks@ngpinc.com	901-795-6900	107314 \$30.00	Elec	8/13	Pick up
8	City of Memphis - Engineering	N	City Hall	hugh.teaford@memphistn.gov	901-576-6949	None	Elec	n/a	Hand deliver
9	Pyramid Electric Jacob	Y	7555 Appling Center Drive Memphis, TN 38133	jacob@pyramidelectric.net	901-382-2000	Check 004330	Elec	8/13	Pick up
10	ADS, Inc. Paul Gavin	Supplier	2054 Thorncroft Dr. Germantown, TN 38138	paul.gavin@ads-pipe.com	901-301-7261	Collect at pick-up	Elec		Pick up
11	White Construction & Assoc. Inc. Tommy Sander	Y	298 Quality Drive Ste. One Byhalia, MS 38611	sandwci@bellsouth.net	901-755-3700	Collect at pick up	Elec	8/15	Pick up
12	Watson Bowman Acme Joann M. Sykes	Supplier	95 Pine View Drive Amherst, NY 14228	Joann.sykes@partners.basf.com	716-817-5462		Elec		Fed Ex 014203567
13	Farrell Paving Rick Fletcher	GC				223982 Check	Elec	8/15	Pick up
14	West Memphis Fence and Construction Steven Bius	S	PO Box 1565 410 Jefferson Ave. West Memphis, AR. 72303	srusher@westmemphisfence.com	870-735-1798	Cash	Elec	8/20/2013	Pick up
15	Ameristar Fence	S	1555 N. Mingo Rd.	wnorman@ameristarfence.com		TBP	Elec	8/20/2013	Pickup
16	Ohio Gratings Kenneth Apperson	S	5299 Southway St. S W Canton, OH 44706	kapperson@ohiogratings.com	330-479-4256	Cash	Elec	8/20/2013	Pickup
17	Belz Construction Jeff Guadino	GC		Jeff.guadino@belzconstruction.com		TBP	Elec	8/22/13	Download
18	Brighter Days & Nites Dorothy Sinclair	Supplier	2165 Troyer Memphis, TN 38114	dlsinclair@bdnllc.com	901-775-1902	Elec	Elec	8/22/13	Pick up
19	OCCI Angie Kolb	GC	3200 County Road 257 Fulton, MO 65251	bidinfo@occimofab.com	573-642-6087		Elec	8/23	Download

Set #	Issued to	GC (Y/N)	Street Address	Email	Telephone	Ck # Amt	Type of Sets	Date sent out	Method of Shipping (Mail / Overnight / Pickup / Download)
20	McCrary Electric Co. Steve Wong	EC	2891 Walnut Grove Rd. Memphis, TN 38111	steve.wong@mccrary elec.com	901-324-8837	Collect at pick up	Elec	8/23	Download
21	CJ Mahan Jim Moldovan	GC	P.O. Box 670 3400 Southwest Blvd. Grove City, Ohio 43123	JMoldovan@cjmahan.co m	614-277-4583	Check: Check at AH	Elec/C D	8/23	Fedex and Download
22	4JInc Lafayette Johnson	S		4jinc@bellsouth.net	(731) 692- 2526	0.00	Elec		
23	Owen Construction Services William Cook	S			901.380.1171	0.00	Elec	8/23	Download
24	Synergy Tech Group Tony Milton	S				0.00	Elec	8/23	Download
25	Taylor Waller Anthony Taylor	S		ataylor200@hotmail.com		0.00	Elec	8/26	Download
26	B & C Construction Dexter Dunlap	GC	8009 Old Brownsville Road Arlington, TN 38002	dexter@bandcconstructio n.org	901-386-7040		Elec	8/27	Download
27	Big R Bridge Nick Cammack	GC		ncammack@bigrbridge.co m			Elec	8/28	Download
28	Campbell and Ford Construction Andre Ford	?		Andre_ford@msn.com	901.331.6835`		Elec	8/28	Download
30	Contech Justin Gosa		1811 Birch Post Cove Germantown, TN 38138	Jgosa@conteches.com	573-380-3994		Elec		Download
31	W G Yates Construction		5990 I55 S. Byram, MS 39272	jhilljr815@aol.com	662-837-1799 601-371-1268		Elec		download
32	Protection Services, Inc. Chris Lefler	sub	2881 Farris View Memphis, TN 38118	clefler@protectionservice s.com	901-360-0540		elec		download

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