ATCs

Variations of design-build-bid
Intention is to allow each contractor to take advantage of its area of expertise and knowledge
Contractor has flexibility to propose an additional or new design
Allows them to bid the most cost-effective way for them to construct

But:
There may still be restrictions on what ATCs can be submitted for
Owner must approve the concept of each ATC before bidding.

ATC Process

Obtain FHWA Approval for the Process
- Special Experimental Project No. 14 (SEP-14)
- Proposal was to provide:
  1. Enhanced competition by encouraging innovation in the materials and techniques proposed, and
- Approved March 13, 2017

Obtain FHWA Approval for the Process
- Reporting Requirements from SEP-14
- ALDOT must document the following:
  1. Industry reaction
  2. ATCs proposed
  3. Time and cost savings
  4. Lessons learned

Develop Request for Proposals (RFP)
- Document developed by ALDOT team
- Included background information
- Scope generally defined for project
- ATC proposal process detailed
- Bid process detailed
- Bid timeline detailed
Stipend vs. No Stipend

- Who owns the idea?
- Is the stipend worth it?

Review Committee

- Administrative Staff
- Bureau of Office Engineer
- Construction Bureau
- Design Bureau
- Bridge Bureau
- Materials & Tests Bureau
- East Central Region
- Other Expertise as required

Contractor Meetings

- One-on-one Meetings
- Discuss ATC concepts
- Preliminary thoughts on proposals
- Confidential

Confidentiality Clause

Confidentiality is critical
Contractor retains ownership of proposals until contract awarded
ALDOT owns proposals whether accepted or not of successful bidder only

Commitments

- Information to Environmental Justice communities and Birmingham-Jefferson County Transit Authority about temporary detours
- Contractor to keep a minimum of one NB and one SB roadway accessible to vehicles and pedestrians in the following areas:
  - Between 15th St. N. and 18th St. N.
  - Between 19th St. N. and 21st St. N.
  - Between 24th St. N. and Carraway Blvd.
  - 15th St. N., 16th St. N. and 28th St. N. will remain open to pedestrian and vehicle traffic
  - Install lighting, sidewalks, pavers, landscaping, etc., under the mainline bridges
  - Provide conduits within the mainline bridges to accommodate decorative lighting
  - Remove parking areas and regrade underneath the bridges

Information – Public Outreach
Information – Live Monthly Updates

Media Briefing
December 21, 2016
2:00 PM
Delmarz Leonard
South Region Director

Welcome to the November Military Briefing. Today's presentation will feature updates from our various regions, including important news on military issues and strategies. Please join us for a comprehensive overview of the latest developments in the military sphere.

Linda Crockett, ALDOT
Public Information Officer
205-327-4973
crockettl@dot.state.al.us

Information – Community Meetings

DeJarvis Leonard
Male Actor in a Leading Role

(ATCs for the CBD Project)

61st Transportation Conference
February 13, 2018

Temporary Street Closures

Streets to Remain Open

Underneath the Bridge

“Thank You, back to you Lance...”
Other Restrictions from RFP

- Concrete segmental bridge on raised CB bridges
- Location and maximum number of segmental bridge foundations on raised CB bridges
- Interstate roadway bridge mounted lighting on raised CB bridges from approximately 17th
  Street North to 39th Street North
- DEE lighting fixtures on all roadway lighting and designated aesthetic lighting
- Surface (DEE) floodlighting two candidates and separate units as shown on the attached plan
- Sidewalk beam lighting mounted Decorative lighting on sidewalk area shown on the attached plan

Segmental Construction

Bridge Pier Locations

Aesthetic Lighting

ATC Timeline

<table>
<thead>
<tr>
<th>Event Date</th>
<th>Project</th>
<th>Mandatory Pre-bid Meeting</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 13, 2016</td>
<td>RFP</td>
<td></td>
</tr>
<tr>
<td>January 5-6, 2017</td>
<td>Initial</td>
<td>ATC Proposals Due/Individual ATC Meetings</td>
</tr>
<tr>
<td>February 3, 2017</td>
<td>ATC Review Committee's Initial Response to each Firm</td>
<td></td>
</tr>
<tr>
<td>February 17, 2017</td>
<td>Final</td>
<td>ATC Submittal March 3, 2017</td>
</tr>
<tr>
<td>April 14, 2017</td>
<td>Bid</td>
<td>Submittals to ALDOT</td>
</tr>
<tr>
<td>April 24, 2017</td>
<td>Notice</td>
<td>of Award April 24, 2017</td>
</tr>
<tr>
<td>May 19, 2017</td>
<td>Issue</td>
<td>Notice to proceed to awarded Firm</td>
</tr>
</tbody>
</table>

ATC Submittals

- Description
- Where and how will be used
- Deviations from plans
- Analyst justifying use of ATC
- Impacts
- Risks
- Quality comparison
- Change in operations
- Maintenance requirements
- Anticipated life
- Engineer's certification

Maximum of Ten (10) ATCs Allowed
ATCs Submitted
Johnson Bros./Oscar Renda

- Submitted the maximum number allowable
- Roadway Lighting
- Aesthetic Lighting
- Foundations
- Traffic Handling
- Ramp Reconfiguration

ATC Initial Review

- Review Team Determined Status
- Accepted
- Conditionally Accepted
- Denied
- Does not require ATC submittal
- If Accepted, no further action required
- If Conditionally Accepted, additional information required
- If Denied, ATC can be modified and resubmitted
- If Others Require ATC, handled under standard specifications or special provisions

ATC Final Review

- Review Team Determined Final Status
- Accepted
- Denied
- Follow up questions for clarification to make final determination allowed
- ALDOT reserved the right to reject any ATC for any reason

Bid Submittal Process

- All Electronic Bidding
- Contractor can choose any approved ATC
- Must select item no. and quantity to be removed from regular bid
- ATC made into a lump sum pay item
- Once ATC submitted as bid item, contractor locked into lump sum price (even if not able to do it)
- Some pay item quantities could be split with ATCs and regular bid

ATC Worksheet

- Worksheet submitted as part of bid proposal
- Lump sum bid amount is shown on first line
- Remaining lines are used to show pay item quantities deducted from regular bid proposal

ATC Outcome

- 6 ATCs accepted (Contractor elected to take 2 out of consideration)
- 1 accepted ATC included in bid
- Other accepted ATCs can be incorporated as Value Engineering Proposal after bid submission
ATC Outcome
Lessons Learned (so far)

• Less restrictions on ATCs means more opportunities for contractor innovation
• More time to develop ATCs would be necessary if contractors weren't already familiar with the plans
• Selection criteria can be different than solely low bid

Questions?