

AHSC Transformer Yard Expansion – Pre-Submittal Conference

MINUTES

1/10/12

1:00 PM

1610 N. VINE AVE., TUCSON, AZ 85721, RM 106

MEETING CALLED BY	Tom Schmidt (UA Project Mgr)
TYPE OF MEETING	CMR RFQ Pre-Submittal Conference
FACILITATOR	Tom Schmidt
NOTE TAKER	Tom Schmidt
TIMEKEEPER	Tom Schmidt
ATTENDEES	See Sign-In Sheet (pg 3)

Agenda topics

INTRODUCTIONS AND GENERAL INFORMATION

TOM SCHMIDT & ROGER HARWELL

DISCUSSION	<ul style="list-style-type: none"> Meeting started on time. Tom Schmidt greeted attendees and introduced Roger Harwell (GLHN Architects & Engineers Principal and PM), John McGann (GLHN engineer responsible for civil design and coordination) & Ken Zoellner (UA Fac. Mgt. Sr. Staff Tech responsible for maintaining the medium-voltage power grid at UA). Tom Schmidt and Roger Harwell gave an overview of the scope and purpose of the project. Attendees were advised that construction documents are complete and that no construction documents will be shared until the RFQ process is complete. Major equipment (transformers & switchgear) are being pre-purchased by UA and will be OFCI. There was emphasis on the need for thorough testing, commissioning and close coordination of all cut-over and switching activities that will bring the new equipment on line. Duct bank installation will be on private property as well as public streets. General project location and duct bank routing was illustrated via Google Maps. Attendees were advised that the work will be adjacent to, and within a residential area, so everyone will need to be sensitive to the needs of the neighborhood association and residents. UA has already reviewed scope with neighborhood association and will continue to coordinate with UA Community Relations. Attendees were advised that a component of this project is to interconnect the existing Solar T-60 turbine generator with the utility.
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CONCLUSIONS

ACTION ITEMS

PERSON RESPONSIBLE

DEADLINE

QUESTIONS (IN RANDOM ORDER)

DISCUSSION	<p>Q: Since the construction documents are complete, will there be pre-construction services? A: Pre-construction services will be minimal and limited to constructability review and contractor input to ID efficiencies and opportunities for cost savings.</p> <p>Q: Is the project funded? A: Yes</p>
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Q: Is there paralleling (synchronizing) equipment in place to interconnect the existing turbine generator to the utility grid?

A: Yes, the equipment was installed when the turbine was installed. However, it was decided to "island" the turbine load rather than interconnect to the utility at that time. Modifications will need to be coordinated with GLHN, Solar and UA.

Q: When do you anticipate starting construction?

A: As soon as the contractor selection and fee negotiation processes can be completed. We anticipate around 4/1/12. Sooner if possible.

Q: Is there a deadline for completion?

A: It is hoped that the construction can be completed 1 year from start of construction. Overall duration will depend on the time needed to coordinate and complete equipment cut-overs. The most sensitive load will be the UA Medical Center.

Q: Will duct banks be running on private property or under public roadways?

A: Both. Ring Rd is private to the intersection of Ring Rd and Drachman St. Drachman St. and Highland Ave. are public rights of way. GLHN has coordinated with UA Real Estate Administration re: right of way. Permitting will need to be completed by the contractor. No problems are anticipated.

Q: Will TEP bring service to the transformer yard?

A: Yes. UA is coordinating details with TEP. Contractor scope will include providing duct bank for TEP's use. TEP will run cable to the point of connection inside the TX Yard and terminate.

Q: Is there a SCADA system involved?

A: TEP will have their own. UA will have monitoring equipment incorporated into the switchgear which will be tied to UA's data network system (eDNA).

Q: Who's GIS gear is UA purchasing?

A: UA is currently reviewing proposals. No decision yet. 30MVA transformers will be provided by Delta Star. 13.8kV switchgear will be provided by Myers Power. 7.5MVA transformers will be provided by Howard Industries.

Q: Is anyone interested in walking the site?

A: Greg Hesse (Core Construction) responded "Yes". No other takers.

Q: Who will performing inspections?

A: UA Planning, Design and Construction Dept. inspectors

CONCLUSIONS MEETING ADJOURNED AT APPROX. 1:40 PM

ACTION ITEMS

PERSON RESPONSIBLE

DEADLINE

POST MEETING NOTES AND ATTENDEE LIST ON UAFM WEB SITE

TOM SCHMIDT

1/11/12

MEETING SIGN-IN SHEET

Project: AHSC TRANSFORMER YARD EXPANSION – RFQ PRESUBMITTAL CONFERENCE	Meeting Date: 1/10/12
Facilitator: TOM SCHMIDT	Place/Room: UAFM ADMIN BLDG, ROOM 106

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