

Archived: Thursday, May 31, 2012 4:00:26 PM
From: Mike Galbraith
Sent: Tuesday, June 14, 2011 3:13:52 PM
To: Tom Shaw
Subject: FW: HAPS testing
Response requested: No
Importance: Normal

Tom,

It will take a few days for Airtech to put together a proposal; it is very large in scope. They do have some earlier availability, proposed test dates will come in the proposal

I did not have a full understanding of what testing Sargent & Lundy wanted when we spoke this morning. They do want inlet and outlet testing on all FGD's and are looking for Hg re-entrainment

I have specified simultaneous sampling on inlet and outlet tests for each pollutant group test; Hg, HCl, PM. Sargent & Lundy did not specify but because they are looking at removal efficiency, simultaneous sampling will deliver the greatest accuracy.

The scope of testing is greater than the estimates sent in early May. Those estimates were based on outlet testing only. Based on budgetary cost estimates used in May, this project could exceed \$450,000. It may be best to wait until this proposal is complete before considering any additional (reduced load or alternate fuel) testing. The proposal will identify the additional cost of testing both Green and Henderson Units (One and Two) rather than testing one unit for each station.

Mike

From: Mike Galbraith
Sent: Tuesday, June 14, 2011 10:37 AM
To: 'jkaput@airtechenv.com'
Cc: Tom Shaw
Subject: RE: HAPS testing

From: Mike Galbraith
Sent: Tuesday, June 14, 2011 10:33 AM
To: 'jchrist@airtechenv.com'
Subject: HAPS testing

Jim,

Here we go!

Please provide a proposal for each Station for the following HAPS testing:

(Inlet an outlet testing performed simultaneously for each parameter)

Wilson Station

SCR outlet speciated Hg, RM30b

ESP outlet speciated Hg, RM30b

Stack speciated Hg, RM30b

ESP outlet HCl, RM26

Stack HCl, RM26A

ESP outlet PM, RM5b and RM202

Stack PM, RM5b and RM202

Coleman Station

Coleman Unit One ESP outlet speciated Hg, RM30b

Coleman Unit Two ESP outlet speciated Hg, RM30b

Coleman Unit Three ESP outlet speciated Hg, RM30b

Common Stack speciated Hg, RM30b

Coleman Unit One ESP outlet HCl, RM26

Coleman Unit Two ESP outlet HCl, RM26

Coleman Unit Three ESP outlet HCl, RM26

Common Stack HCl, RM26A

Coleman Unit One ESP outlet PM, RM5b and RM202

Coleman Unit Two ESP outlet PM, RM5b and RM202

Coleman Unit Three ESP outlet PM, RM5b and RM202

Common Stack PM, RM5b and RM202

Green Station

Please price each unit separately

Green One ESP outlet speciated Hg, RM30b

Green One Stack speciated Hg, RM30b

Green One ESP outlet HCl, RM26

Green One Stack HCl, RM26A

Green One ESP outlet PM, RM5b and RM202

Green One Stack PM, RM5b and RM202

Green Two ESP outlet speciated Hg, RM30b

Green Two Stack speciated Hg, RM30b

Green Two ESP outlet HCl, RM26

Green Two Stack HCl, RM26A

Green Two ESP outlet PM, RM5b and RM202

Green Two Stack PM, RM5b and RM202

Henderson Station

Please price each unit separately

Henderson One SCR outlet speciated Hg, RM30b

Henderson One ESP outlet speciated Hg, RM30b

Henderson One Stack speciated Hg, RM30b

Henderson One ESP outlet HCl, RM26

Henderson One Stack HCl, RM26A

Henderson One ESP outlet PM, RM5b and RM202

Henderson One Stack PM, RM5b and RM202

Henderson Two SCR outlet speciated Hg, RM30b

Henderson Two ESP outlet speciated Hg, RM30b

Henderson Two Stack speciated Hg, RM30b

Henderson Two ESP outlet HCl, RM26

Henderson Two Stack HCl, RM26A

Henderson Two ESP outlet PM, RM5b and RM202

Henderson Two Stack PM, RM5b and RM202

Reid Station

ESP outlet speciated Hg, RM30b

Stack speciated Hg, RM30b

ESP outlet HCl, RM26

Stack HCl, RM26

ESP outlet PM, RM5b and RM202

Stack PM, RM5b and RM202

Please let me know if testing can start sooner than our prescheduled blocked dates in July.

Thanks,

Mike

Michael Galbraith

Senior Scientist

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