AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 9

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
000001	08/14/2008		

6. ISSUED BY CODE SSC

NASA/Stennis Space Center
Office of Procurement / DA10
Building 1100 Room 251H
Stennis Space Center MS 39529-6000

7. ADMINISTERED BY *(If other than Item 6)* CODE SSC

NASA/Stennis Space Center
Office of Procurement / DA10
Building 1100 Room 251H
Stennis Space Center MS 39529-6000

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

CODE FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.
NNS08229845R

X 9B. DATED *(SEE ITEM 11)*
07/07/2008

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☒ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning 3 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☐ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

INCO TERMS 2: DESTINATION

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Carol Burnside	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	

The purpose of this amendment is to incorporate the following questions and answers into the subject solicitation:

A. The following questions and answers are hereby incorporated:

QUESTIONS & ANSWERS FOR REQUEST FOR PROPOSAL (RFP)/SOLICITATION NO. NNS08229845R, 44 - FABRICATION INSPECTION TESTING AND DELIVERY OF CHEMICAL STEAM GENERATORS FOR A3 ALTITUDE TEST STAND

Date: 8/14/2008

Q1 – Will Pro-E, or equal 3D cad models be made available either at this moment or after award for manufacturing review?
A1 – No, only the design drawings will be provided.

Q2 – Will a list of interested bidders be made available?
A2 – Yes, per solicitation "Instructions Regarding Submission of Offer," paragraph (G) on page 5 of 25, the list of offerors who have requested CDROMs will become the "Bidders Mailing List" for small business subcontracting purposes. The list was posted to the business opportunities websites on 7/10/08 and will be updated as needed.

Q3 – Can the allocated Budget for this effort be made available?
A3 – No, the government's budget and/or estimate for this project will not be released.

Q4 – The included text specifies these drawings to be "F" size and then specifically 40x28. When I look at Wikipedia (http://en.wikipedia.org/wiki/Technical_drawing), it specifies an F size Drawing as 44x68. What size should we specify for these drawings when we order prints?
A4 – The referenced drawing Size "F" is correctly stated as 28" x 40." This is a standard size drawing used at Stennis Space Center. This size is defined in ASME Y14.1-2005, "Decimal Inch Drawing Sheet Size and Format," on page 3 in Table 1.

Q5 – The Chemical Steam Generator (CSG) Assembly Package (200GT-GM01, Revision 2 dated March 20, 2008) references the CSGs as government furnished equipment (GFE) in the following sections. Please clarify.

Paragraph	Page # on Spec	Page # on CDROM
Table of Contents	1	5
1.1.D.1.	2	6
1.1.E.	3	7
1.3.	3	7
1.6.	5	9
1.3.3.2.h.	7	49

A5 – Specification Numbers 200GT-GM02 (A-3 Test Stand Chemical Steam Generator Unit, Revision 1, dated June 20, 2008) and 200GT-GM01 referenced in Q5 were written as individual specifications and were completed at different times. Initially the two were planned to be procured separately, with the Units being purchased first and then provided as GFE for the Assembly procurement. The 200GT-GM01 specification was inadvertently not updated to remove the reference to GFE for this procurement, which combines them into one purchase. Therefore, the reference to GFE is an error, as the contractor will be required to supply the end products of both specifications.

Q6 – The SOW references Specification No. 200GT-GM01 & GM02. GM02 refers to checking drawings for discrepancies, checking dimensions for accuracy, and determining exact dimensions for proper fit. It further states that "drawings shall not be construed as being detailed working drawings". The SOW is for "fabrication, inspection, and testing of the hardware" leading one to believe it is a build-to-print requirement except for testing fixtures or handling hardware. What drawings is the government expecting from the contractor? They seem to already exist and be generally adequate to be used for shop drawings. There are some drawing and manufacturing concept issues that will be discussed somewhat in the technical proposal but they do not appear drastic enough to justify making complete new shop drawings.
A6 – The drawings are design level drawings. Fabrication details are required to be worked out by the vendor and all required drawing produced to complete the fabrication. The drawings for GM01 (the CSG combustor "can" assembly) are build-to-print, while GM02 is a design level package. The drawings for GM02 are, by necessity, more detailed than conventional design-level drawings. Additional fabrication detail drawings are expected to have to be produced for this package. These as-built drawings are a deliverable item on this contract per the specification in Section 01 78 00 Page 2, Section1.2, SD-02.

Q7 – It is our position that a design exists for a pressurized system that should have had all the analysis completed to support material thicknesses, weld cross sections, types/sizes of attachments, etc. If the contractor is expected to review the provided drawings for completeness, manufacturability, etc., where does the responsibility for the design and safety of the system then lay? If there are problems with manufacturability that are significant enough that Jacobs might need to do some redesign then this would likely effect the work flow and delivery date.
A7 – The design and safety of the assembly has been reviewed by the Government team. Minor issues may still arise during manufacture, as the manufacturability and sequence for manufacturing has not been established. This will be left to the successful offeror's discretion. The Government is currently fabricating three units in-house to demonstrate a viable fabrication process; no major redesign efforts have been determined to be required.

Q8 – The drawings do not call for the structural steel components to be painted but the specification covers "Steel Coatings – Sect 09 97 13.00 40". Does this mean the contractor will paint these parts that are not stainless steel or galvanized?
A8 – Ref. Spec 200GT-GM02. Yes, painting of non-SST is required, in accordance with NASA STD-5008A, which is included in the specification. NASA will advise what colors are required following contract award.

Q9 – The specification GM02 for the Test Stands appears to cover much more than this manufacturing requirement such as preconstruction submittals, utility outage requests, project / contract safety, health and environmental submittals. Has this specification been provided to cover activities on-site that this contract does not require? It is assumed that the installation contractor at Stennis will cover those requirements that are specific to the onsite assembly and installation.
A9 – Those parts of the specification are generic and are included in all procurement packages of this type. If work is required that falls under these sections, then those requirements must be followed. For this procurement, the assembly and installation will be performed by another contractor, who will be required to follow these same sections.

Q10 – We need the following specifications and drawings: SSC-DWG No. 54000-GP11, SSC-STD.79-002, SSTD-8070-0126, and PSK-A3-9101-FAC. Also the NASA piping specification 110GK-GMK2 (Ref. Dwg. M-200) which apparently defines the pipe gaskets and joint bolt torque is needed. Also Drawing M-205 calls for piping to be fabricated, assembled, and tested in accordance with SSC Piping Spec 55047-GNCK10 and ASME B31.3. We need this specification. Further, why is this spec not referenced on drawing M-208?
A10 – SSC-DWG No. 54000-GP11 is provided beginning on page 170 in Specification 200GT-GM02; SSC-STD.79-002 is provided beginning on page 144 in Specification 200GT-GM02; SSTD-8070-0126 is provided beginning on page 418 in Specification 200GT-GM02; Drawing PSK-A3-9101-FAC is provided in the AX430PFA-23 drawings folder of the CDROM. **NOTE:** References to NASA piping specifications 110GK-GMK2 and 55047-GNCK10 are incorrect. Delete reference to 110GK-GMK2 in Dwg. M-200 Note 6. Replace reference to "110GK-GMK2" in Dwg. M-200 Note 11 with "110GT-GM03, Class SS." Replace reference to "55047-GNCK10" with "110GT-GM04" in all places in the following drawings: 90937-M-200, 90937-M-205, 90937-M-206, 90937-M-207, 90937-M-230, 90937-M-246, 90937-M-249. Specification 110GT-GM03 is provided beginning on page 490 in Specification 200GT-GM02. Specification 110GT-GM04 was not included and will be provided. B31.3 is an ASME standard that is commercially available. Vendor should have access to the ASME and other National standards, so those will not be provided.

Q11 – Are CAD models available for the parts and assemblies? We will need to get weights, etc. that should come from the CAD models. In order for pressure stampings to be applied (by our 'code qualified' team mate) to the CSG which appears to be necessary, the analysis will need to be made available from the design. Is this possible?
A11 – No CAD models are available, only design drawings. No code stamp is required for this assembly.

Q12 – Is 100% dimensional inspection/reports required or is fit and function adequate for the structural hardware? How much assembly is actually required for the structural hardware for the skids and the large piping before being delivered to Stennis. It does appear that Stennis is expecting the CSGs to be delivered as a fully assembled, tested, capped and contained item.
A12 – If transporting a fully assembled skid is feasible, this would be an allowable option. If transporting a fully assembled skid is not viable, then an existing option is for the contractor to complete the fabrication at his facility, disassemble the unit into packages as outlined in the specification, package these units to maintain clean, and ship the separate packages to Stennis for reassembly on site. The successful offeror will be required to provide on-site supervisory support for reassembly and for installation into the facility. The reassembly and installation will be performed by another contractor. This supervisory work is expected to be about a week for each unit for reassembly and a week for installation. The schedules for reassembly and installation will be made available as construction of the facility progresses.

Q13 – Why does drawing 90937-M-230 (Note 9) call for the CSG assembly to be GFE?
A13 – See Q/A5.

Q14 – Is it a requirement of this contract to plumb from the Controls Component Cabinet (solenoid valves) to the control valves or for the wiring/connectors to go to the solenoids or control valves or from the command center?
A14 – Plumbing of the control valves to the operating solenoid valves is required. Wiring to the command center is not a requirement. The P&ID PSK-A3-9101-FAC, per Specification 200GT-GM02, gives tubing sizes/requirements.

Q15 – Drawing 90937-S-902, Detail 1 shows the LH diagonal as W8X24. All other callouts for diagonals show W8X18. Is this an error?
A15 – This is an error. W8X18 is the correct call out as shown on drawing S-901.

Q16 – Will the contractor be required to fabricate and/or install any electrical wiring, cables, harnesses, circuit boards, controllers, or other electrical components? Will there be soldering or crimping of electrical components?
A16 – No wiring is required.

Q17 – Is there an inspection class requirement for the welds on the carbon steel structural welding?
A17 – Welding is required to be performed and inspected to the requirements of AWS D1.1., per Specification 200GT-GM02.

Q18 – Is there a surface finish requirement for the inside of the pipe? (In its raw state or after welding?)
A18 – Piping shall be fabricated, assembled and tested in accordance with NASA SSC piping specification 55047-GNCK10, Rev "0" and ASME B31.3.; see Q/A10.

Q19 – There appears to be a contradiction of requirement relating to the submittal of quality manuals. The instructions for proposal submittal call for offeror to submit quality manuals and the specification 200GT-GM01 calls for them again three weeks after award. Are both required?
A19 – These do refer to the same manual. If there are no changes in the manual from the date of proposal submission to the required contract submission date, no additional submission will be required.

Q20 – On drawing M-246 the material callout in the BOM starts out calling for 316L and part of the way down (starting with item 1F) it refers to 316. Does the material need to be 316L certified or can it be dual rated/certified as with the large pipe on drawing M-208?
A20 – 316L or 316/316L Dual-rated is acceptable.

Q21 – The Igniter Spark Plug (Drawing 90937-M-260) has a P/N 304-1027 callout. Federal-Mogul Corp. has directed us to the local auto parts supplier who says this is not a good Federal-Mogul number. Please clarify.
A21 – Part Number 304-1027 is a correct part number from Federal Mogul. This is a custom order spark plug and not available off the shelf. Previous orders for this plug required a minimum order of 75 plugs. Should the contractor be unable to receive a lower quantity, the Government authorize reasonable payment and delivery of the excess.

Q22 – The valves and other components are specified in the requirements to be provided to a cleanliness level by the vendor. Can the build-up of piping (if required) and CSG isolate these components or leave them out of the buildup so they do not have to be purged, possibly disassembled and re-cleaned? We realize this does not prove the interface will not leak when assembled at Stennis but other separated interfaces or capped pipe ends will require additional leak checking at that time anyway.
A22 – The successful offeror will be required to deliver a clean, leak free product to SSC as called out in the specification. Pre-assembly is required to verify the assembly will come together as required upon delivery to SSC. All components and the pipe or tubing they are connected to should be cleaned to the same level. This means that if a dummy component is to be used in the fit check, it must be cleaned also so as to not contaminate the pipe, or the pipe must be cleaned after fitting. Methodology is left to the vendors' discretion, but the cleaning, assembly and packaging plan must be approved by the Government.

Q23 – On drawing 90937-M-004 it calls for .375 thick plate to be rolled and welded. The final configuration calls for a wall thickness of .375 and an OD of 17.562. This process cannot possibly yield the desired result since the rolled shape will not be perfectly round, welding will create some distortion, and no thickness is left for machining. Is it acceptable to start with 18.00 OD seamless pipe with .75 wall (Schedule 60), and machine the ID to 16.812? This means that about .156 comes off the wall and will create a fairly round ID to start the welding process. After welding, is it acceptable to just machine the two ends to the 17.562 diameter to interface with the Chamber Head and Chamber Flange? This would leave most of the outside diameter at about 18.00 and a .594 wall thickness. The complete outside could be machined but this is cost and it might result in areas of the Housing that were thin, depending on the movement of the part during the welding of the internal bars.
A23 – The specific process will have to be reviewed, but an alternative process of fabrication has already been used in fabrication of units at SSC. The change incorporated is to 1) order pipe to size needed (18" Schedule 80) and machine for I.D. and O.D. and 2) Use Schedule 10S pipe as long as it is within MilSpec.

Q24 – The RFP instructions for the proposal format (F)3 indicates that, "all information and all copies for the offer must be submitted…." How many copies of the offer are required?
A24 – As indicated on page 1 of the solicitation, SF1449 Block, 28, a total of three (3) copies are required.

Q25 – RFP paragraph (F)4 states, "signed offer(s) may be submitted in hard copy only." If the other copies are to be submitted electronically, what format is required?
A25 – Signed offer(s), i.e. proposals, are required to be submitted in hard copy only. Unsure what you mean by "other copies," but the three copies required (see Q/A24) can be submitted as one original and two photocopies. However, electronic proposals will not be accepted.

Q26 – NASA has specified individual parts and vendors on multiple Items, will NASA ensure that uniform pricing and schedule is provided by specified vendors?
A26 – NASA is unable to ensure pricing and schedule for identified items. Equivalent items will be considered on a case by case basis if an equivalent is available. Specific parts by certain vendors are a requirement as indicated on the drawings, and should be available, but the government has no control over vendors' pricing.

Q27 – On drawing 90937-M-260, specifies 4" parker hydraulic valves, in stainless steel. Parker states that 4" stainless valves are not available. Will 6" valves be acceptable, or will replacement valves be acceptable?
A27 – Review of a hard copy Parker catalogue indicates this is a good part number, though the part was not listed online. The valve is located with Series 480 and 490 check valves. The model series is 490 and the 6 defines the end connects. This is a tubing check valve, not a 4" pipe check valve. Vendors may need to call Parker directly.

Q28 – 90937-M-260 specifies a 6" cavitating venturi. As insufficient detail is provided to allow manufacture, will a design specification or source control drawing be provided prior to ATP?
A28 – Three venturis are called out on this drawing and the fabrication details can be found on drawing M-271. None are 6". The 6" water cavitating venturi is on M-206. This is the same venturi that NASA is procuring from Primary Flow Signal for the E-2 installation. The drawing should have called out PFS model no. 6" HVT-FV.

Q29 – 90937-M-249 cites US Hose for flexible elements, no detailed specifications or part numbers are provided. Can SSC provide the hose specifications?
A29 – They should be US Hose 402H or approved equivalent.

Q30 – If equivalent parts are available at lower cost, from alternate suppliers, may these be substituted, such as 90937-M-200 pipe clamps?
A30 – Equivalent substitutes may be used on a case by case basis. The Government must approve the equivalent products in each case.

Q31 – In the specification document 200GT-GM02, Section 01 11 00.00 40 Page 2, Item 1: Chemical Steam Generator Assembly (Qty 27) is listed as being Government Furnished Equipment. On the following page (Page 3) Paragraph E states that "Each CSG Module assembly shall consist of one CSG assembly (GFE) with Igniter Top assembly, control valves, venturi, purge valves, check valves, piping, and control cabinet assembled on an integral structural skid frame." On page 5 of that section, under heading 1.6 Government Furnished Equipment, it states that 27 CGS Assemblies will be furnished Freight On Board (F.O.B.) at the Contractor's facility. On Drawing 90937-M-230, Note 9 clearly states: "CHEMICAL STEAM GENERATOR ASSEMBLY SHALL BE GOVERNMENT FURNISHED EQUIPMENT (GFE)." Please clarify: are the CSG Assemblies a deliverable under this contract or are they GFE? If The Contractor is expected to manufacture and deliver the CSG Assemblies, will the drawings and specifications be updated to reflect that fact?
A31 – See Q/A5.

Q32 – In the specification document 200GT-GM02, Summary of Work Under PART 1 GENERAL, 1.1 SUMMARY, Paragraph C., it states "The Contractor shall provide... installation field supervision", yet no detailed specification, schedule, description or level of effort is given for such work. Since insufficient information is given to allow costing such support, will NASA either provide such information or consider allowing the contractor to provide this support on a "Cost plus fee" or T&M (level of effort) basis?
A32 – See Q/A12.

Q33 – Some of the items called out by vendor part number in the drawing package are no longer manufactured, and at least one of the named manufacturers no longer exists. In the case of non-existent parts or vendors, will NASA supply those components as Government Furnished Equipment (GFE) or provide alternate part numbers?
A33 – NASA has attempted to verify all part listed as available parts, but in rare cases, some may no longer be available. An example case is Drawing 90937-M-010 calls for the use of Hammerlock style cotter pins. These could not be found and extended chisel point cotter pins were substituted. If a part is found to unavailable, NASA will work with the vendor to determine an acceptable alternative part. Also, see Q/A30.

Q34 – Are the fabrication drawings a deliverable item on this contract? If so, is there a specified format for these drawings?
A34 – Fabrication drawings are a deliverable item and should be in Size "F". See Q/A4 about drawing size and Q/A6 on drawings as a deliverable.

Q35 – 90937-M-001 Note 12, specifies "no leakage allowable". Is there a tolerance to this or a preferred procedure?
A35 – The requirement for this is zero leakage, there is no tolerance.

Q36 – In the Specifications Document for the Chemical Steam Generator Assemblies, 200GT-GM01 REV 2, on page 12, under Section 1.9 GUARANTEE, it states that "All equipment to be furnished under this specification shall be guaranteed against defective material and workmanship...Upon receipt of notice of failure of any part... new replacement parts shall be furnished and installed promptly by the Fabricator at no additional cost." This clause in effect seeks to make the Contractor liable for defective design, since new parts still have to be provided for failures in incorrectly designed parts that were accurately fabricated to the provided drawings and specifications. How will NASA discriminate between defective design (NASA responsibility) and defective manufacture (Contractor responsibility)? Will NASA indemnify and hold harmless the Contractor from any claim resulting from failure in design, operation or any other factors beyond the control of the Contractor?
A36 – The warranty is to cover "defective material and workmanship." The design is the Government's responsibility. Should a failure occur, there should be a clear distinction; thus, an indemnify/hold harmless clause is not considered to be necessary.

Q37 – Considering the complexity of this procurement and the potential volume of questions can the proposal due date (offer due date) be extended?
A37 – The offer due date will NOT be extended.

Q38 – Can NASA provide any NASA/Jacobs contract number(s) or any other identifying information used when these units were recently built at SSC for reference when contacting vendors for quotes?
A38 – It is unclear what the question is asking, but it is presumed that this question is being asked to identify potential subcontractors or parts vendors. However, information regarding subcontractors/vendors used for the Chemical Steam Generators being built in-house is not currently available. Also, any company proprietary data for the in-house contractor would not be releasable.

Q39 – There were several notes within the solicitation package where the "Chemical Steam Generator Assembly" (CSG) is called out as Government Furnished Equipment (GFE). Specific instances are drawing M-230 and specification 200GT-GM02 pages 2 and 5. However, the CSG Assembly is specifically described in drawings M-001 through M-040 and specification 200GT-GM01 in a way that suggests this assembly is to be contractor provided. Can you clarify whether this assembly is GFE or to be delivered by the awardee as part of this procurement?
A39 – See Q/A5.

Q40 – Drawing M-271 item 5 calls out for a part that does not seem to appear elsewhere in the package (specifically, it does not appear in drawing M-260, whereas the rest of the parts shown in M-271 appear in other drawings. Can you tell us where to find this part elsewhere in the package or explain how it fits within the assembly?
A40 – Drawing M-260 lists the part as Item 23 and references the part back to drawing M-271, Item 5. Item 23 can be found on drawing M-262, Section D-D, with Item 35. The drawings appear to be correct.

Q41 – Listing of drawings shown in the "Notice to Offerors" did not include drawing M-207. This drawing was included in our package and we assume it is part of this solicitation.
A41 – M207 is included and is cited on the "List of Attachments" on page 25 of the solicitation document. The omission from the list in the notice to offerors is a typographical error. Insert reference to drawing M-207 in paragraph 2 line 6 of Notice to Offerors.

Q42 – Is there tooling and fixtures available for use by the selected bidder? If there are fixtures already made can we get information on them for this inquiry so we do not add any cost for these items?
A42 – No tooling or fixtures will be provided by the Government.

Q43 – Most of the pipe and fitting material specification on drawing M-249 are called out as SST 316, should this be SST 316L for these items?
A43 – 316L or 316/316L Dual-rated is acceptable.

Q44 – Will DCMA government inspector be used by on this project as your representative?
A44 – The Government may, at its own discretion, use DCMA inspectors or whomever it deems necessary as its representative, but is not required to do so. SSC Quality and Safety representatives as well as the COTR will be primarily assigned this function.

Q46 - Specification No. 200GT-GM01 drawings listed in Appendix B did not list drawing no. 90937-M-040. This drawing was included in our package and we assume this is part of the scope of supply, is this correct?
A46 - Drawing M040 is the special test flanges, which are included for reference only. Not all of these items are required to be fabricated and they are not deliverable items. They are to be used in vendor testing of the deliverable item.

Q47 - Should all ASME flanges faces have concentric serrations?
A47 – All flange faces with call outs for serrations should use concentric and not spiral serrations.

Q48 - Division 09 – Finishes, Section 09 97 13.00 40 - Steel Coatings defined in paragraph 2.3.1 coating systems refer to a coating schedule of this section. Where is this schedule defined and what color of finish coat is required?
A48 – See Q/A8.

Q49 - Will Cad data be available for the solicitation/bid proposal stage?
A49 - See Q/A1.

B. The date for receipt of proposals is NOT extended.

C. As stated in block 14 of the SF30, all other terms and conditions are unchanged.