

No.	Question	Response
1	Please explain the Section 8, IDIQ, contract mechanism.	See Draft RFP Clause B.3, IDIQ Services.
2	During proposal evaluations, will the teaming arrangements be evaluated? If so, what is the evaluation criteria?	See Draft RFP Sections L and M for details.
3	With regards to Past Performance qualifiers, is there a dollar value for contracts?	See Draft RFP Sections L and M, Past Performance for details.
4	Will the TOSC contractor determine what IT Legacy systems and data, including non-electronic (i.e. paper) data, will be retained? Do shutdown requirements apply equally to all systems regardless of the complexity, architecture, size, scale, and scope of the system, or will there be unique requirements for each class of system?	The TOSC contractor will assume operation and maintenance of a specific set of IT legacy systems as identified in Appendix 13, <i>Government-Furnished Legacy IT Systems</i> . The TOSC contractor will perform an analysis and make recommendations for Government approval as part of the Legacy IT Systems Transition Plan (reference PWS Section 3.4) for incorporation into the contractor's Management Information System.
5	What are the contract mechanisms by which TOSC will support NASA and its customers? Is there a way for TOSC to directly support commercial customers?	The TOSC contractor will provide services to satisfy NASA requirements, including those of its customers, via the following mechanisms: 1. Base contract (see PWS Sections 1-7) 2. IDIQ task order (see Draft RFP Clause B.3 and PWS Section 8) The TOSC contractor can provide services directly to its commercial customers as Work for Others (see Draft RFP Clause H.17).
6	Does the TOSC workforce augment the Civil Service workforce?	TOSC responsibilities as defined within the Draft RFP are intended to be distinct from the civil service responsibilities. The exception is the launch team, as described in PWS Section 5.5.8.3. The Government-led launch team is comprised of both Government and contractor personnel based upon expertise and abilities.
7	Why does the TOSC PWS use the term "Management Information System(s)" instead of "Operations Management System" as it was in the EGLS PWS?	The Operations Management System was a Constellation Program requirement. TOSC requirements are defined in the Draft RFP.
8	Will the TOSC RFP allow for uncompensated overtime?	The TOSC RFP does not prohibit offerors from proposing uncompensated overtime; the offeror will be required to identify any labor categories that have uncompensated overtime. See Draft RFP Sections L and M, Mission Suitability and Cost for details (e.g., L.23 Cost Instructions, Section 4, Cost and Supporting Information).
9	What is the purpose of the "Work for Others" clause in the TOSC?	See Draft RFP Clause H.17.
10	Will the "Work for Others" clause allow the contractor to earn fee?	See Draft RFP Clause H.17.
11	Will commercial customers be required to use TOSC to obtain services?	Designated ground systems in a shared facility may be required to be operated by the TOSC contractor. However, commercial customers are generally not required to use TOSC.
12	Will the TOSC contractor compete with other NASA Centers for the work associated with the PWS Section 8, IDIQ work?	There is no expectation that TOSC will be in competition with other NASA centers. TOSC may be required to perform IDIQ services at locations other than KSC.
13	What IT legacy systems and data information will be in the bidder's library?	Descriptions of IT legacy systems are included in Draft RFP Appendix 13.
14	Will maintenance records and legacy systems for archiving/recording of historical (e.g., Shuttle) data be a TOSC responsibility?	Shuttle historical archiving is not in the scope of the TOSC; this is the responsibility of the Shuttle Transition and Retirement effort. Maintenance records and legacy systems necessary to perform TOSC requirements will be transferred or made available to the TOSC contractor.
15	Can more than one person within a company register on Fed Biz Ops (FBO)? Could you please add dates to posting on FBO and website so offerors can see when updates occur?	Yes, more than one person from a company may register on FBO. The file posting date is a field in FBO.

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16	Is Physical Security included in the TOSC scope? Or is the responsibility of the KSC Institution?	Institutional physical security will be provided through the Protective Services Contract. The physical security on TOSC includes access control to spacecraft or launch vehicle, spacecraft security during transport from west coast, and protection of sensitive information.
17	Should the "all" be deleted in PWS section 1.1, which states "The contractor shall provide the Government unrestricted access to all data generated in the performance of this contract."?	No change to PWS. For clarification, unless otherwise required, unrestricted access does not imply immediate, real-time availability.
18	Which Quality Management System (QMS) covers the prime and subcontractors work?	The intention is for the contractor to have a single QMS for TOSC which covers the work performed under this contract including all subcontractors.
19	Was the lack of a reference to ISO 9001 intentional?	Yes, it was intentional. TOSC requires AS9100 compliance. AS9100 includes the ISO 9001 requirements and additional requirements for aeronautics and aerospace.
20	In PWS Section 1.4, "The contractor shall provide guidance and monitoring of corrosion control and construction operations for proper implementation of environmental requirements." Is the scope limited to facilities and equipment assigned to TOSC?	Yes, TOSC is responsible for providing guidance and monitoring of the corrosion control and construction activities which are performed or subcontracted by the TOSC contractor as defined in PWS Sections 6.2 and 6.3.
21	There are two instances (PWS Section 1.1.5 and 2.0) of the requirement to document lessons learned, what is the difference?	There is a single NASA database for lessons learned. In PWS Section 1.1.5, Continuous Improvement, the TOSC contractor will document the lessons learned while implementing the continuous improvement program. In PWS Section 2.0, Safety and Mission Assurance, the TOSC contractor will document lessons learned culminating from processes other than continuous improvement such as mishap investigations, project management, etc.
22	Is the Government's intent to end progress reports and corrective action submittal related to QMS implementation once the system is approved?	Yes, the intent is to end progress reports and corrective action submittals once compliance is achieved. The Government will follow Corrective Action implementation to completion, even if a third party is utilized. The TOSC contractor shall inform the Government of QMS issues throughout the period of performance (reference PWS Section 2.2 and Draft RFP DR 2.2-1).
23	PWS Section 2.2, indicates that Third Party certification to AS9100 is not required, but a third party assessor may be used to assess implementation and compliance. If a third party is used, will it be selected and contracted by NASA to perform the assessment?	Yes, if the Government chooses to utilize a third party for AS9100 compliance assessment, the Government will select and contract with that third party.
24	What software development projects are included in the scope of this RFP and is TOSC performing development, assurance or both? What is the size or magnitude of these projects?	TOSC will develop and provide assurance for application software for the Launch Control System, and for modifications to TOSC processing tools and systems, such as non-conformance reporting, ground systems containing software, etc. The baseline scope does not include full system development projects; however, IDIQ content may require substantial software development and assurance.
25	Would the Government consider relief from the requirements of NPR 8750.1 and KNPR 8700.2, to achieve a leaner approach?	No, for purposes of proposal development, there will be no relief from these requirements. Any changes to requirements will be requested by the Government program during contract performance.

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26	TOSC will receive custodianship of systems or components containing software which were not required previously to comply with KNPR 8750.1 and KNPR 8700.2. Will TOSC be allowed to utilize these systems prior to achieving compliance to requirements?	Yes, it is anticipated that existing, qualified or certified systems that will not be compliant upon transfer to TOSC may be used. It is also expected that noncompliant systems which require significant software modifications or upgrades will be made compliant during such modification or upgrade. This will be clarified through inclusion of a Work Load Indicator in the RFP.
27	What are the reliability performance expectations for TOSC ground systems?	The expectation of the reliability for ground systems is that they perform when needed and failures which occur do not result in harm to people, high-value assets, the environment or adversely impact processing milestones. Lower levels of reliability will be tolerated for infrequently used or inactive ground systems. Reference PWS Section 2 and Draft RFP DR 6.3-1 Ground Systems Maintenance Plan.
28	In reference to PWS Section 2.1.1, System Safety, does quantitative analytical methods consist of Probabilistic Risk Assessment (PRA)?	PRA is a quantitative method. The intent was not to limit the types of methods and tools as they will evolve with the discipline and technology.
29	KNPR 8715.3 Section 9.10.4 requires an audit/sampling plan for nonhazardous procedure review. Is the audit/sampling requirement to be included with hazardous procedure review?	Per KNPR 8715.3, Sections 9.10.1a and 9.10.2a specify that prior to use, hazardous procedures will be reviewed and approved by the appropriate safety professionals; i.e., 100% sampling.
30	In PWS Section 2.2.2, is TOSC required to provide an integrated PRACA System?	TOSC is responsible for providing an effective PRACA system. TOSC can utilize multiple PRACA systems or provide an integrated system to meet the requirement. The contractor can utilize an existing PRACA system (such as CXPRACA) or provide their own.
31	In PWS Section 2.2.1, regarding digital photography, are images captured for all configuration changes, test set-ups and non-conformances?	No, digital photography is not required for all configuration changes, test set-ups and non-conformances. This will be clarified through inclusion of a Work Load Indicator in the RFP.
32	Does the Government intend to approve the disposition of all process escapes and non-conformances?	The Government will not approve the disposition of all process escapes nor non-conformances. For clarity, "per the appropriate requirements" will be changed to "in accordance with applicable requirements."
33	Within PWS Section 1.4, Environmental Management, which design reviews is TOSC expected to participate?	TOSC will be expected to participate in design reviews for projects initiated at KSC and for which TOSC will have sustaining, maintaining, or implementation responsibility.
34	Regarding PWS Section 1.4, Environmental Management, will the Government provide details on the required data call formats to ensure compatibility with contractor business systems?	Data call formats are not provided. The majority of data formats are not known until the data call is received by NASA KSC.
35	Per PWS Section 3, will the Kennedy Data Center (KDC) hosting services provide validation and development environments? How will these be provisioned?	If hosting services are requested, validation and development environments will be provided. When a validation and development environment is provided, a KDC systems engineer will work with each customer to define requirements and determine the most practical solution. KDC information will be provided in the bidder's library.
36	What are the cost impacts associated with the TOSC contractor utilization of Institutional IT services?	The TOSC contractor will be required to use Institutional IT services as described in the Draft RFP PWS Section 3 and in Appendix 13 <i>Government-Furnished Services</i> . The TOSC cost impacts associated with these Institutional services will be considered as part of the offeror's proposal as described in the Draft RFP (see Draft RFP Section L.23 Cost Instructions). Cost estimates for KDC services will be provided in the bidder's library.

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37	Per PWS Section 3.1, "The contractor shall ensure that the MIS will accommodate Spaceport Services..." Is there a requirement that the MIS have inter-connectivity/interactive interface with Spaceport Services customers?	The basic capability of the MIS is not required to have electronic interconnectivity between TOSC and Spaceport Services customer IT systems. The TOSC contractor is required to provide Spaceport Services personnel usage of and applicable support for using TOSC MIS as requested to implement IDIQ ground processing activities.
38	Per PWS Section 3.1, "The contractor shall utilize the Kennedy Data Center (KDC) as identified in Appendix 14 <i>Government-Furnished Services</i> for housing the MIS. The contractor may utilize the available operational and hosting services of the KDC for the MIS." These two requirements seem in conflict: the first requires hosting the MIS on the KDC, the second permits it but does not require it. Is it the Government's intent that the MIS be hosted on KDC?	The TOSC contractor is required to house its on-Center MIS servers in the KDC. The KDC provides additional operational and hosting services beyond housing, which the TOSC contractor may elect to utilize. Additional criteria for utilizing offsite systems will be provided.
39	Per PWS Section 3.1, what MIS modifications require Government approval? Are there any thresholds or limitations on the scope of modifications the Government must concur on? What responsibility and/or liability will the Government bear for the impact of performance and architectural changes the contractor deems necessary but the Government does not allow by withholding concurrence?	PWS Section 3.1 has been updated to require the contractor to develop a Government-approved process for MIS modifications. This will allow the contractor and the Government to partner a process that will recommend the appropriate modification or threshold for Government approval.
40	What is the base period of performance and expected option periods?	See Draft RFP Sections B and F.
41	Per PWS Section 3.4, "The contractor shall either shutdown IT Legacy systems...as necessary." Is prior Government approval required to shutdown legacy systems?	The TOSC contractor will be required to obtain Government approval of its Legacy Systems Transition Plan, which may include plans for system(s) shutdown.
42	Per PWS Section 3.5, what is the data encryption tool the Government will provide for encryption at rest and during transmission? Are there any costs to the TOSC contractor for this capability? Are there any limitations on the use of this capability?	The TOSC contractor shall utilize encryption solutions as identified in Appendix 14 <i>Government-furnished Services</i> . Government-furnished services are provided at no cost to the TOSC contractor, however these services have limitations on volume or quantity of service. Government-furnished IT services that are proposed are part of the overall cost of the offeror's proposal.
43	In PWS Section 3.6, has KNPR 1440.1 <i>KSC Records Management Program</i> been canceled and replaced by KNPR 1440.6?	Yes, the correction has been made in the Draft RFP PWS.
44	In PWS Section 3.7, what is the Government's definition of "documentation"?	See Draft RFP Attachment J-04 <i>Glossary and Acronyms</i> .
45	Per PWS Section 3.7, are there specific electronic formats that are required to be supported in the Technical Document Center?	Formats are driven by legacy and proposed IT systems and industry standards (reference Appendix 13 <i>Government-Furnished Legacy IT Systems</i>).
46	Per PWS Section 4.2, "The contractor shall perform Requirements Verification Management (RVM) to include activities that ... identify applicable requirements." Is TOSC responsible for development of the operational requirements to be satisfied during element and integrated processing?	No, the Government will provide requirements (e.g., operational, processing, maintenance) to the TOSC contractor. The Government will work with the appropriate organizations (flight and ground element government and/or contractor development teams) to develop the requirements. The TOSC contractor shall support requirements identification and development; and perform RVM as described in PWS Section 4.2.
47	In PWS Section 4.2, will limited life tracking be performed as required?	Yes, limited life tracking is one aspect of configuration management. See Draft RFP DR 4.2-1.
48	Per PWS Section 4.2, "The contractor's CM system and process shall provide data on flight hardware configuration to Programs for work performed during ground processing activities." Does this require the capability for unrestricted access into CM systems for Flight Hardware organizations?	Unrestricted access will not be required. However, the TOSC contractor will be required to provide flight hardware configuration data from the TOSC CM system(s) based on work done during ground processing to the flight hardware organizations. Similarly, TOSC will not have unrestricted access into flight hardware developer systems, but will have the data needed for processing.
49	In PWS Section 4.2, are the CM requirements applicable for all equipment and systems including GSE of all criticalities, Test Articles and Flight H/W?	The level of configuration management is driven by applicable requirements as identified in PWS Sections 4.2 and 6.4.1.

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50	Per PWS Section 8.2, will the government provide activity scope or work volume indicators for "flight crew activities?"	This is IDIQ content. No workload indicators will be provided.
51	In PWS Section 1.1.1, will the contractor lead/manage/conduct program or projects reviews?	The Government will lead and manage the program and project meetings and reviews identified in PWS Section 1.1.1.
52	Per PWS Section 1.1.2, "The contractor shall develop and implement an auditable approach to verify and ensure completion of TOSC flight preparation requirements." What are the TOSC responsibilities for Certification of Flight Readiness (CoFR)?	The TOSC contractor is required to develop and implement an auditable approach to verify and ensure satisfactory completion of TOSC-specific flight preparations. Coordination between the TOSC contractor and flight element development teams is required to assure satisfaction of requirements provided by the responsible design authority. Integration of CoFR is a Government responsibility.
53	PWS Section 1.1.3, references separate program-specific requirements. Are these compatible, or is the contractor required to provide separate "tailored" Risk Management Systems?	The TOSC contractor is required to propose a risk management approach that satisfies all Program requirements. The TOSC contractor is not required to propose a single risk management system; however, the associated process must accommodate all Program-specific requirements.
54	In PWS Section 1.1.3, Risk Management categories include "Budget limits". Does this include all cost risks?	The TOSC contractor should consider all cost risks in its risk management categories. The example list in Draft RFP PWS Section 1.1.3 is not all inclusive. For clarification, "Budget limits" was changed to "Budget" as a risk category in the Draft RFP PWS.
55	Is TOSC a follow-on contract? What contracts are anticipated to be transitioned to TOSC?	TOSC is a new single processing contract and not a follow-on to any previous contract. However, TOSC scope will include some of the content previously performed under the Space Program Operations Contract (SPOC) for ground systems Operations and Maintenance (O&M) and Checkout, Assembly and Payload Processing Services (CAPPs) contract for flight hardware processing and ground systems O&M.
56	PWS Sections 1.1.6 and 4 do not specifically mention emergency action management at LC-39 during daily operations by a Chief Test Conductor (CTC) to lead the initial stages of incidents. Is usage of a CTC to lead the initial stages of incidents implied?	The designation of a CTC is not required. For operations that TOSC leads, the contractor will lead the initial emergency response. For NASA-led operations, the TOSC contractor will support the emergency response.
57	PWS Section 1.3.1 requires protection of classified information or materials. What classification (i.e. confidential, secret, top secret, etc.) of information or material will the contractor be responsible for safeguarding?	The TOSC contractor will be required to protect classified data that ranges from confidential to secret.
58	Per PWS Sections 1.3, what is the notional amount of classified data and activities that are expected to be part of the TOSC? What operations or tasks will involve classified activity and what percentage of personnel for those operations and tasks would be expected to have classified clearances?	Other than the Communications Security (COMSEC) support specified in PWS Section 1.3.3, no other classified clearances are required for the scope of the base contract. If IDIQ tasks require classified clearances, they would be acquired as needed.
59	Will the TOSC contractor or NASA be responsible for badge processing, hosting, and escorting the foreign customers when receiving services, attending technical meetings on KSC and CCAFS property?	NASA is responsible for badge processing and hosting of foreign nationals. The TOSC contractor will be expected to support NASA in providing escorts to foreign individuals when necessary.
60	In PWS Section 1.3.1, NPR 1600.1 change history denotes: "With the issuance of HSPD-12, Chapters 3 and 4 were corrected to remove all references to and requirements for Mission Critical Space System Personnel Reliability Program (PRP)." However, KNPR 1600.1, Chapter 27 still requires PRP. Which is correct?	For Kennedy Space Center access, KNPR 1600.1 compliance, including PRP, is required.
61	In PWS Section 1.3.1, NPR 1600.1 requires Position Risk Designations for contractors. Will Position Risk Designations be required for TOSC?	NPR 1600.1 compliance, including Position Risk Designations, is required.

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62	In PWS Section 1.3.1, NPR 1600.1, does the Mission Essential Infrastructure (MEI) Protection Program designations apply to TOSC facilities, flight hardware, and equipment?	Yes, MEI Protective Program designations apply per Draft RFP DR 1.1-6.
63	Per PWS Section 1.3.2: "The contractor shall apply for all required export licenses within 30 days of contract start." Should this read "The contractor shall apply for all currently identified export licenses within 30 days of contract start."?	PWS will be clarified to refer to "...all currently identified export licenses..." in the RFP. Future export licenses will be processed when required.
64	In PWS Section 1.3.2, will NASA supply a list of the Foreign Customers, Foreign Governments, and Foreign Launch Sites required for export for the RFP?	The TOSC contractor is expected to support activities at Tanegashima, Japan. Additionally, the contractor will be required to interface with and export to ISS international partners.
65	Will the TOSC contractor inherit any environmental issues or remediation responsibilities?	No, TOSC will not inherit the cleaning of contamination already under investigation by the Remediation Program. If TOSC activities disturb existing contaminants or create contaminants, TOSC will need to handle the contamination according to the requirements of PWS Section 1.4
66	What are the KSC approved Operating and Support Hazard Analysis (O&SHA) for TOSC facilities and operations?	O&SHAs will not be provided for proposal development. TOSC can assume O&SHAs exist and can be utilized for operations performed under predecessor contracts. For new or modified operations, TOSC will need to produce or modify O&SHAs.
67	With regards to heavy equipment, what is ISC versus TOSC responsibility?	The TOSC contractor will operate heavy equipment necessary to fulfill processing requirements. ISC is responsible for maintaining and sustaining heavy equipment (reference Appendix 7 <i>TOSC OMEU Matrix</i>).
68	Describe any overlap between TOSC and ESC responsibilities for design and development of ground systems or provision of shops and laboratories?	There is no overlap between TOSC and ESC . TOSC base scope includes limited design (e.g., resolution of safety issues and processing enhancements) and sustaining activities for systems assigned in Appendix 7 <i>TOSC OMEU Matrix</i> . There is potential for IDIQ design work to modify or refurbish legacy shuttle systems for SLS or to assist SLS in ground systems development and certification. General shop and laboratory support is government-furnished and identified in Appendix 14 <i>Government-furnished Services</i> . Shops and laboratories assigned to TOSC are utilized to provide unique capability to support TOSC activities, see Appendix 6 <i>TOSC Shops and Laboratories</i> .
69	What is TOSC role in maintaining existing KSC ground assets for future 21CGS use?	Draft RFP DR 6.3-1 <i>Ground Systems Maintenance Plan</i> provides instruction for TOSC to develop a plan for keeping ground assets viable for future use.
70	Will TOSC be allowed to utilize existing policies, processes, procedures and information systems?	Unless otherwise identified in the RFP, for the first year TOSC can utilize existing policies, processes, and procedures allowing time for update and modification. Similarly, there will be an assessment and transition period for IT legacy systems which will be completed within 33 months of contract start. Electronic data and operations and maintenance procedures from existing KSC processing systems will be available for import, as needed, into TOSC systems.
71	Will the ISC options 6A and 7A roll into TOSC?	No.
72	Will TOSC have sustaining engineering responsibility for SLS flight hardware?	TOSC is not responsible for flight hardware sustaining engineering.
73	Will the TOSC Contractor maintain the facilities they use?	Facilities and facility systems will be maintained by the ISC contractor. TOSC will maintain processing ground systems as defined in PWS Section 6 and Appendix 7 <i>TOSC OMEU Matrix</i> .

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74	Will TOSC be responsible for providing servicing and certification for multiple MPCV flights?	TOSC will be responsible for supporting landing, recovery and deservicing the MPCV and returning it to the Original Equipment Manufacturer (OEM). TOSC will not be required to certify MPCV for flight.
75	Explain MPCV hand offs between the OEM, the government and TOSC, including property transfer documents.	MPCV would be turned over to the Government, via DD250, at the O&C when assembly is complete. Turnover to TOSC, via DD1149, would occur for processing, launch and recovery. After deservicing at KSC the MPCV would be transported back to the O&C and transferred back via DD1149.
76	Are there any special contamination and environmental controls for facilities not designated as "clean work areas?"	Yes, reference updated Draft RFP PWS Section 4.9 and DR 4.9-1 <i>Contamination Control Plan</i> .
77	Is TOSC support to MPCV recovery limited to KSC?	No, TOSC supports MPCV recovery operations on the west coast.
78	Is TOSC to assume that spacecraft cross-country transport for west coast landings will be permitted with hazardous commodities onboard?	Yes, in compliance with Department of Transportation requirements.
79	Is there a predefined method to document Hazard Analysis Reports, Failure Modes and Effects Analyses (FMEA), and bi-directional requirements traceability matrices?	TOSC will submit Hazard Reports into the Hazard Report Database. Currently there are no defined tools for 21CGS FMEAs or requirements traceability matrices.
80	Per PWS Section 4.1, "The contractor's work control and authoring system(s)...Control all work performed on flight and ground systems hardware and software." Does the TOSC contractor perform all work, or is the work shared between the TOSC contractor, other contractors, and the Government?	The TOSC contractor will not perform all work on flight and ground systems hardware and software. However, the contractor's work control system is the authoritative source for controlling processing activities as defined by the PWS and used to track configuration of systems processed by the TOSC contractor, the Government or other customers as required.
81	Per PWS Section 4.4, "The contractor shall participate in design reviews of flight elements and ground systems and visit manufacturer sites for hardware familiarization as directed by the Government." This requirement is unbounded. Please provide additional information on the location and timing of the anticipated reviews.	TOSC support to advance planning in PWS Section 4.4 includes participation in design reviews and site visits. More detail has been provided in Attachment L-01 <i>Workload Indicators</i> . Standard values for travel costs have been provided in Attachment L-06, <i>Standardized Values</i> .
82	In various subsections of PWS Section 5, provide clarification of the access control requirements during processing of flight hardware and providing host services across Programs.	The access control requirements include: verification of personnel credentials, compliance with work area rules, and tracking of personnel and equipment entering and exiting controlled areas per KSC and Program requirements.
83	Per PWS Section 5.1, as part of the host services, does the TOSC contractor provide security services? Is TOSC responsible for "customer" safety during customer work performance?	The TOSC contractor is not required to provide access control as part of ISS host services. The customer will provide a ground safety data package which will be reviewed by TOSC and approved by NASA safety. The TOSC contractor is not responsible for customer safety during customer operations. Hazardous customer operations will be observed by NASA safety.
84	With regards to ISS support in Russia, Europe, Japan, how does TOSC support? Will support be local or travel?	TOSC ORU processing activities will be performed locally at KSC. Travel will only be required to Japan for HTV launches. Draft RFP Section L-06 <i>Standardized Values</i> includes travel.
85	In supporting ISS how does TOSC interact with the CMC contractor (ISS cargo-packing contractor)?	Per PWS Section 5.1.1.1, "The contractor shall package, ship and transfer manifested pressurized ORUs to the ISS cargo-packing contractor for shipment to the launch site." Additionally, the TOSC contractor shall engage in a cooperative relationship with CMC per Draft RFP Clause H.19.

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86	Does the TOSC contractor support payload processing and various operations at Wallops and CCAFS for the Cargo Resupply Services missions of SpaceX and OSC? If yes, will the TOSC maintain offices and operations at Wallops?	TOSC is not responsible for performing processing at Wallops and CCAFS. TOSC processing activities are defined in PWS Sections 5.1.1 and 5.1.2. Although TOSC may support launch site science operations at locations other than KSC, there is no requirement for TOSC to maintain offices at other locations.
87	Describe the role of TOSC in the Space Life Sciences Laboratory (SLSL).	The SLSL is currently owned and operated by Space Florida. NASA will acquire space within the facility through a lease arrangement with Space Florida. NASA and ESC personnel will perform payload development activities for the ISS-R within the facility. TOSC will perform laboratory support for payload customers as designated by NASA. The level of support activity is limited to that defined in the PWS 5.1.2.2.
88	Clarify support to LSP including spacecraft support, planetary protection and offsite fueling.	For LSP spacecraft processed at KSC or offsite, the TOSC contractor will provide host services as defined in PWS Section 5.2.1. Further detail for clarification is provided in Attachment L-01 <i>Workload Indicators</i> . Offsite fueling is not captured under LSP. The fueling capability is maintained for MPCV offline processing. Offsite fueling activities in support LSP spacecraft customers are captured as IDIQ.
89	In PWS Sections 5.1.2 and 5.1.2.2 will there be a work load indicator for "The contractor shall perform pre- and post-flight support at other NASA centers or spacecraft landing sites as directed by the Government"? Clarify level of customer support and locations requiring support.	Yes, workload indicators have been provided in Attachment L-01 <i>Workload Indicators</i> . The contractor will be performing work at only one location for each flight at any given time. For example, the contractor may provide post-flight support at a designated laboratory in California for a CRS return or at Wallops to support an CRS flight. They would not be supporting the same customer at multiple locations for that flight.
90	In support of Utilization payloads, will TOSC manage and maintain the offline processing areas including scheduling?	The contractor will be responsible for managing the offline laboratories in the SSPF. Activities include scheduling, configuring per customer requirements, clean up after departure, etc. This is further defined in Attachment L-01 <i>Workload Indicators</i> .
91	Further define the role for mission integration in support of ISS research.	The mission integration role aids NASA and the payload developers to complete design, development and processing. In this role the contractor will assist the payload developers in submitting required products. This will include assistance from the time the customer is identified through flight and subsequent post-flight products.
92	For MPCV recovery who will the parachutes be turned over to at the seaport? Will it be the NASA MPCV Program or an agent for the NASA MPCV Program?	TOSC will crate parachutes upon recovery and turnover to TBD MPCV Program representative at seaport.
93	Will TOSC have responsibility for the current CAPPS and SPOC warehouses?	TOSC will have responsibility for items and designated systems within these facilities and will perform the lead facility integrator role. Operations and maintenance of the facilities will be performed by ISC. Operations within the SPOC warehouse will transition to TOSC at the conclusion of the Shuttle transition and retirement which occurs sometime in FY13.
94	What is the mechanism for use of TOSC-assigned systems and equipment to perform activities external to TOSC scope (i.e., usage by commercial agents)?	The "Work for Others" contract clause is the mechanism for usage of TOSC-assigned systems and equipment external to TOSC scope.
95	Will current equipment be provided and who will be responsible for the equipment?	The equipment at KSC is government-owned, and it will be provided as defined in Appendix 10 <i>Installation-Accountable Property (NFS 1852.245-71)</i> and Appendix 11, <i>Contractor-Accountable Property (FAR 52.245-1)</i> . The property clauses have been provided in the Draft RFP.

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96	Regarding NSSD certification, what are the certification requirements and when is it required?	NSSD certification requirements are provided within SSP 50276 <i>Depot/Manufacturing Facility Certification Plan</i> (reference PWS Section 7.3). A certification plan is required with the proposal and certification will be performed during phase-in. The TOSC contractor will be furnished existing certified equipment at contract start. In part, the certification plan will need to address how to maintain certification of equipment and provide certified personnel.
97	In which facilities will TOSC be operating?	The PWS and Appendix 5 <i>Government-Furnished Facilities</i> of the Draft RFP define the facilities in which TOSC will perform operations. Additionally, the appendix identifies those facilities for which TOSC will perform the lead integrator role for operations within the facility.
98	In PWS Section 7.0, is the logistics support limited to ground systems or does it include flight system responsibilities?	The logistics support includes both ground and flight systems as required in support of PWS Sections 5 and 6.
99	In PWS Section 5.1.1.1, is TOSC the importer/exporter of record when importing/exporting ITAR controlled or uncontrolled hardware to KSC?	For imports/exports of hardware TOSC will be acting as an agent for NASA, and as such, will need to meet applicable federal and Agency procedures and regulations when importing/exporting hardware.
100	In PWS Section 7.5.2 and demilitarization prior to disposition: 1) Is it the TOSC's responsibility to provide a Demilitarization Assessment or to assess and perform demilitarization of the item? 2) Will the TOSC scope include demilitarization of Shuttle transition and retirement items?	1) TOSC will perform the assessment; and when directed by the Property Disposal Officer, TOSC will perform the demilitarization of the item. 2) Shuttle transition and retirement is not in TOSC base scope.
101	In PWS Section 7.5.2, does TOSC transport excess materials to the Recycle, Reutilization, and Marketing Facility (RRMF) or is that service provided by the institution?	Transportation of excessed items will be performed by the institution; however, TOSC will coordinate with the institution to schedule pickup.
102	In PWS Section 7.5.3, is TOSC expected to furnish "General Purpose Vehicles" and could you clarify what types of vehicles?	TOSC may elect to furnish vehicles rather than utilize GSA vehicles for general purposes (e.g., sedans, standard pickups, and vans) used to transport personnel and standard equipment (reference RFP Section L.23 Cost Instructions).
103	What is the role of TOSC for design, development, verification, validation and sustaining engineering of new systems?	TOSC will provide support to design and development from an operations perspective, and will develop system expertise to support verification testing and perform validation testing. TOSC will provide support to the developer during system verification activities. During validation TOSC will lead the activities (e.g., write procedures, perform testing) while the developer provides support to TOSC. Selected integrated verification and validation testing will be performed in conjunction with integrated vehicle testing during the initial processing flow. Attachment L-01 <i>Workload Indicators</i> provides clarification and additional details. As new systems are validated and placed into operational use, designated systems will be transitioned to TOSC for operations, maintenance, and sustaining engineering activities. The Government may also retain sustaining engineering responsibilities on various systems once they become operational. Appendix 7 <i>TOSC OMEU Matrix</i> will be maintained throughout the contract performance period to clearly define the TOSC operations, maintenance, and sustaining engineering responsibilities.
104	What is TOSC responsibility with respect to the Launch Control System (LCS).	TOSC responsibilities for the LCS are defined in the Draft RFP Appendix 7 <i>TOSC OMEU Matrix</i> under the 21CGS Systems worksheet.
105	Does NASA have a concept of operations for the 21CGS, SLS and MPCV launch team?	The current concept of operations is included in the bidder's library in the Launch Team Design Team white paper.

No.	Question	Response
106	Are there any known Organizational Conflicts of Interest (OCI) for the TOSC procurement?	The Draft RFP Clause H.12 identifies known OCI.
107	Will the offeror be permitted to visit with KSC personnel?	Prospective offerors may communicate with KSC personnel until blackout period at release of the RFP. TOSC-specific questions should be directed to the TOSC Contracting Officer.
108	Who is the Source Selection Authority (SSA) for the TOSC procurement?	The Source Selection Authority for TOSC is the Associate Administrator for Human Exploration and Operations Mission Directorate
109	Can the offeror deviate from the 22% small business utilization target?	Refer to the Draft RFP, Section L.22, Small Business Utilization.
110	Will there be guidelines or incentives for the offeror to market TOSC services and assets to external customers?	This is under consideration.
111	Is there an expectation to try and minimize the use of IDIQ for TOSC or will there be any limitations on the amount of IDIQ that TOSC would be allowed to do?	There is no intent to minimize the use of IDIQ. The intent is to provide flexibility for TOSC to be utilized as the single KSC processing contract. Refer to Draft RFP Clause B.3 for maximum IDIQ value.
112	What is the extent of original equipment manufacturer (OEM) involvement in processing, and how will OEMs work with the TOSC contractor?	<p>Once the OEM transfers the hardware, TOSC assumes responsibility for processing. The OEMs will be consulted for procedure development, integrated testing, and resolution of nonconformances and interface issues.</p> <p>Prior to first use, unique flight hardware work authorizing documents will be developed by TOSC with NASA design center and OEM support.</p> <p>Problem resolution activities falling within established design parameters will be performed by TOSC.</p> <p>Flight hardware sustaining engineering responsibility remains with the designated NASA organization.</p>
113	Is TOSC expected to provide overall integration (e.g., manifest and processing integration, range requirements and scheduling) for commercial providers, ISS, LSP, SLS, and MPCV, or is that a Government responsibility?	Overall integration between Programs and customers is a Government responsibility. Refer to PWS Section 4 for specific TOSC integration responsibilities.
114	What is the scope of Section 8, Spaceport Services, including specific requirements and the use of available equipment and assets?	TOSC PWS Sections 1-7 define the base requirements of the contract. Section 8, Spaceport Services, provides a mechanism for the Government to accommodate future NASA requirements using IDIQ task orders. Under Section 8, TOSC will provide customized support for NASA requirements and leverage existing expertise, assets, systems, and tools. The scope of Section 8 ranges from small support tasks, (e.g., document preparation) to processing, launch and recovery activities for various payloads, spacecraft and launch vehicles.
115	When implementing IDIQ task orders how will services provided by other Institutional contractors (e.g. ISC, IMCS, MESC) be arranged? Would TOSC pricing include other providers' support?	The TOSC contractor is required to coordinate with other Institutional contractors as necessary to fulfill TOSC obligations. If required by the task order, the TOSC contractor will provide overall integration, including the services of other Institutional contractors. Other Institutional contractor costs will not be priced or costed by the TOSC contractor within the task order.