### **All Master Contract Provisions Apply**

		Section 1 –General Information				
RFR Number: (Reference BPO Number)	er)	F50B2400008				
Functional Area (Enter One Only)	<u>.,                                    </u>	Functional Area 10- IT	Management Co	nsulting S	Services	
	Position Title/s or Service Type/s					
Project Manager - Techni	cal					
Anticipated start date		September 6, 2011				
Duration of assignmen	t	Two years, with a single one-year renewal option				
Designated Small Business Reserve?(SB	R):	Yes				
MBE goal, if applicable	_			0%		
Issue Date:		August 17, 2011	Proposal Due Date:	August	29, 2011	
			Time (EST):	2:00PM		
Place of Performance:		Office of Personnel and Benefits Services 301 W. Preston Street, Baltimore, Maryland				
(e.g. interview information, attachments, etc.)  of interview quest must be available			Il be conducted by a panel using a standardized set uestions for all candidates. Susceptible candidates able to interview on August 31, 2011. Master nould pre-screen candidates.			
Security Requirements (if applicable):		Selected personnel must pass background checks and obtain State ID Badges.				
Invoicing Instructions:  Invoices will be submitted at the end of each month for the duration of the task order. Invoices shall comply with all requirements in Section 2.8 of the CATS II Master Contract F			with all			
Section 2 – Agency Point of Contact (POC) Information						
Agency / Division Name:	Depa	artment of Information T	echnology			
Agency POC Name:		curement Officer: ert Krauss	Agency Phone N		410-260-6135	
				410-974-5615		

#### All Master Contract Provisions Apply

Agency POC Mailing	Send invoices to:
Address:	ATTN: Ms. LaFrance Garlington
	45 Calvert St.
	Annapolis, MD 21401

#### Section 3 - Scope of Work

#### **Background**

The State of Maryland Department of Budget and Management (DBM) has the responsibility for managing and overseeing human resources (HR) functions throughout the Executive Branch of State government. Information technology is required to support nearly every aspect of this. Analysis of existing systems has shown an unacceptable risk level with the 30 year old personnel management systems due to underlying architecture, age and costly maintenance challenges. As a result of these outdated and inflexible personnel systems used to manage HR processes, DBM's Office of Personnel Services and Benefits (OPSB) is ill-equipped to meet business objectives.

Through a separate solicitation, the Oracle HR software suite was chosen and procured in early 2010. It is anticipated that the new HR system will be a major improvement for Maryland state government by providing an integrated HR information system that is scalable, maintainable, and upgradeable in order to serve the State for years to come.

The State Personnel System (SPS) major IT development project is currently performing final planning phase and requirements definition tasks, which will serve as direct input into a solicitation for integrator services to implement the new system. The Department of Information Technology, serving in the capacity of project technical lead, is seeking a seasoned Senior Program Manager to oversee and direct the Statewide implementation of a commercial off-the-shelf HR system project. The resource to be secured under this RFR will serve in a lead project governance and direction capacity as part of the State's project team and support OPSB and DoIT throughout the project life cycle.

Job Description/s				
Position Title/s or Service Type/s (From Section 1 Above)	Duties / Responsibilities (see Attachment 3 for additional info)			
Project Manager - Technical	The position shall oversee and direct the technical team on the project, which is comprised of both State and contractual personnel. Responsibilities include working with the Sr. Program Manager and Functional Project Manager on overall project governance and direction, and implementing course corrections as needed. Duties shall focus on project monitoring, control, team integration, change integration, liaison with Executive sponsorship and corrective action as needed.			
	The position shall ensure the application of the State's Information Technology Security Policy and Standards, the State's Enterprise Architecture, PMI's PMBOK and the State's SDLC standards in management and implementation of the project.			

#### **All Master Contract Provisions Apply**

# Minimum Qualifications Candidates must meet or exceed all Minimum Qualifications in order to be considered for this position.

Position Title/s or Service Type/s	Required Experience/Knowledge/Skill
(From Section 1 Above)	
Project Manager - Technical	Active PMI PMP certification.
	Ten years' experience directly managing IT projects involving the requirements development, design and implementation of the Oracle PeopleSoft Human Resources COTS product/s.
	Two references for successful past experience leading a multi-agency or multi line of business PeopleSoft implementation in an organization relative in size to the State of Maryland project.
	Three years of hands-on experience in business intelligence and data warehouse solutions in an organization relative in size to the State of Maryland.
	One year of experience in technical architecture of PeopleSoft or related COTS implementation for Human Resources in an organization relative in size to the State of Maryland
	One year of experience with SAS70/Sarbanes-Oxley
	Three years of experience in PeopleSoft 8.0 or greater implementations
	One year of experience in PeopleSoft Modules including Payroll, Benefits, and Position Management

#### **Section 4 - Required Submissions**

#### NOTE:

- Master Contractors electing <u>not</u> to propose in response to the RFR must submit a "CATS II Master Contractor Feedback Form" located under "Master Contractor Login" on the CATS II web site.
- Master Contractors proposing in response to the RFR <u>must</u> submit the following documents:
  - o Resume (Attachment 1) for the position / service type described in the RFR
  - Two references as described in Section 3 "Required Experience / Knowledge / Skill" above
  - o Price Proposal (Attachment 2)
  - o Conflict of Interest Affidavit (Attachment G in the CATS II RFP)
  - Living Wage Affidavit (Attachment I in the CATS II RFP)
  - Documents listed below as required by the hiring agency

#### All Master Contract Provisions Apply

Copy of current PMI PMP certificate.

## Section 5 – Evaluation Criteria – (Provide a list of evaluation criteria in descending order of importance)

- 1. Specific work experience and relevant technical expertise as defined by the resume and the interview (minimum qualifications listed in the RFR).
- 2. Personnel's qualifications and experience performing the duties as specified in Section 2
- 3. Price

#### **Basis for Award Recommendation**

RFRs will be awarded in accordance with the competitive Sealed Proposals process under COMAR 21.05.03. The agency POC will recommend award to the Master Contractor whose proposal is determined to be the most advantageous to the State, considering price and the evaluation factors set forth in the RFR. The agency POC will initiate and deliver a RFR Agreement to the selected Master Contractor. Master Contractors should be aware that if selected, State law regarding conflict of interest may prevent future participation in procurements related to the RFR Scope of Work, depending upon specific circumstances.

### **All Master Contract Provisions Apply**

### ATTACHMENT 1 - RFR RESUME FORM

RFR #F50B2400008

Instructions: Insert resume information in the fields below; do not submit other resume formats. Submit only one resume per Position or Service described in Section 1 of the RFR. If the RFR requests multiple Positions or Services, use a separate resume form for each proposed candidate.

use a separate resume form i	of each proposed cand	idate.					
Candidate Name:		Position Title or Service Type (from Section 1 of the RFR):  Project Manager - Technical					
Master							
Contractor:							
A. Education / Train	l ing						
Institution Name /		Degree / Certification	Year Completed	Field Of Study			
<add as="" lines="" needed=""></add>							
B. Relevant Work E	xperience						
		Duties / Responsibilities a					
	Knowledge / Skill described in Section 3 of the RFR. Start with the most recent experience first; do						
not include non-rel							
[Organization] [Title / Role]	Description of Work	····					
[Period of Employment / Work]							
[Location]							
	[Contact Person (Optional if						
current employer)]							
[Organization] [Title / Role]	Description of Work	····					
[Period of Employment / Work]							
[Location]							
[Contact Person]				_			
<add as="" lines="" needed=""></add>							
add fines as needed				_			
C. Employment Hist	ory						
		e most recent employment	first				
Ctort on 1 En 1 Detec	Late Tilde and David		NT	D			
Start and End Dates	Job Title or Positi	ion Organization	Name	Reason for Leaving			
<add as="" lines="" needed=""></add>							
	I	l e	ı				
D. References List persons the State may contact as employment references							
Reference Name	Job Title or Positi	ion Organization	Name	Telephone / Email			
<add as="" lines="" needed=""></add>							

### ATTACHMENT 2 - RFR PRICE PROPOSAL

#### RFR # F50B2400008

(This form is to be filled out by Master Contractors)

Project Manager – Technical					
Proposed CATS II Labor Category: < enter labor category here>	Yearly Labor Rate*	Hourly Labor Rate	Evaluation Hours	Evaluation Price (Hourly Labor Rate x Hours)	
Base Year 1	\$	\$	2080	\$	
Base Year 2	\$	\$	2080	\$	
Option Year 1	\$	\$	2080	\$	
		Total Eval	uation Price:	\$	
Authorized Individual Name		Compa	any Name		
Title		Compa	any Tax ID#		

<sup>\*</sup> DoIT reserves the right to award the position at either the proposed Yearly Labor Rate or proposed Hourly Labor Rate. The Yearly Labor Rate requires a minimum of 1920 hours worked annually.

The Hourly Labor Rate cannot exceed the Master Contract rate, but may be lower. Both rates must include all direct and indirect costs and profit for the Master Contractor to perform under the TOA. Evaluation Hours are for evaluation purposes only and do not represent actual hours to be worked or invoiced.

Proposed labor categories must be from those described in the CATS II Master Contract and must correspond to the resume/s provided.

### **ATTACHMENT 3**

#### RFR #F50B2400008

# SPS PROJECT TECHNICAL PROJECT MANAGER (TPM) DUTIES & RESPONSIBILITIES

#### 1. ROLE DEFINITIONS

The purpose of this section is to distinguish among the roles interacting with the TPM obtained through this RFR.

- A) Task Order (TO) Procurement Officer Agency staff person responsible for managing the RFR process up to the point of TO award;
- B) TO Manager Agency staff person who oversees the TPM's work performance and administers the TO once it is awarded;
- C) TO Contractor The CATS II Master Contractor awarded a TO as a result of this RFR. The TO Contractor shall provide the TPM resource and be accountable for TPM work performance under the TO.
- D) Technical Project Manager (TPM) The person provided by the TO Contractor as a result of this RFR. The TPM is responsible for overall technical project planning and execution. The TPM is responsible for performing the duties and responsibilities described in this SOW, and for completing all requirements and deliverables under the TO. The TPM reports to the Senior Program Manager and shall oversee and direct the Technical Project Teams made up of State and contractual personnel;
- E) Development Contractor The Development Contractor responsible for COTS integration, including their PM and other personnel assigned to the project. The Development Contractor reports to the PM for project purposes with oversight by the Senior Program Manager.
- F) Senior Program Manager The person responsible for oversight of the Technical Project Manager's activities and deliverables. The Senior Program Manager serves as the TO Manager and provides direction and guidance to the Technical Project Manager in performing the duties and responsibilities under this SOW.

#### 2. DUTIES AND RESPONSIBILITIES

The TPM shall oversee and direct the technical project teams comprised of current State and contractual personnel. Responsibilities include project governance and direction, technical architecture, and implementing course corrections as needed. Duties shall focus on technical project monitoring, project execution, project control, team integration, change integration, and corrective action as needed. The position shall ensure the application of PMI's PMBOK as well as the State of Maryland's Information Technology Security Policy and Standards, Enterprise Architecture, and SDLC standards in managing the project.

The TPM shall report to the Senior Program Manager and perform the tasks described in the table

below. The TPM shall be capable of performing all assigned tasks with self-sufficiency and minimal guidance from the Senior Program Manager. TPM performance shall be rated each month based on performance in the nine PMBOK knowledge areas as applied to the SPS project, and the quality of the written deliverables described in Section 7 below (See Exhibit 1 below – Deliverable Product Acceptance Form for performance rating criteria).

An asterisk (\*) by the section number below and bold italics identifies a deliverable associated with the duty / responsibility. Refer to Section 7 for full descriptions of all deliverables and time of performance. The TPM is expected to ensure and oversee the creation of any and all written deliverables that do not exist for the project, and review and oversee updating of those that do exist. The TPM will ensure that all deliverables are consistent with standards in the PMI's PMBOK and State's System Development Life Cycle (SDLC) (see Section 3 below).

2.1 Become thoroughly knowledgeable on all aspects of the SPS project including technical knowledge of software applications being utilize by the project.  2.2 Provide guidance and oversight on all aspects of Technical Project Teams (Data warehouse, Portal, Integration, Development, Conversion, Configuration Management and others). Provide guidance on technical aspects of project to include:  • Technical Architecture (Hardware, System Security, Data Warehouse, Portal, Network and etc.)  • Programming Standards and Guidelines in compliance with State of Maryland  • Development methodology, frameworks and project tools  • Technical and Non-functional requirements analysis and management  2.3* Perform SPS Technical Management (Deliverable 7.1) consistent with PMI and PMBOK principles of project management and the State of Maryland SDLC. Manage and integrate project resources including oversight of the technical project team. Exercise PM best practices for the project and oversee project activities consistent with the nine knowledge areas including:  • Procurement Management - consisting of procurement planning, contracts planning, authoring solicitations, evaluation, requesting solicitation responses,
<ul> <li>Provide guidance and oversight on all aspects of Technical Project Teams (Data warehouse, Portal, Integration, Development, Conversion, Configuration Management and others). Provide guidance on technical aspects of project to include:         <ul> <li>Technical Architecture (Hardware, System Security, Data Warehouse, Portal, Network and etc.)</li> <li>Programming Standards and Guidelines in compliance with State of Maryland</li> <li>Development methodology, frameworks and project tools</li> <li>Technical and Non-functional requirements analysis and management</li> </ul> </li> <li>Perform SPS Technical Management (Deliverable 7.1) consistent with PMI and PMBOK principles of project management and the State of Maryland SDLC. Manage and integrate project resources including oversight of the technical project team. Exercise PM best practices for the project and oversee project activities consistent with the nine knowledge areas including:         <ul> <li>Procurement Management - consisting of procurement planning, contracts</li> </ul> </li> </ul>
warehouse, Portal, Integration, Development, Conversion, Configuration Management and others). Provide guidance on technical aspects of project to include:  • Technical Architecture (Hardware, System Security, Data Warehouse, Portal, Network and etc.)  • Programming Standards and Guidelines in compliance with State of Maryland  • Development methodology, frameworks and project tools  • Technical and Non-functional requirements analysis and management  2.3* Perform SPS Technical Management (Deliverable 7.1) consistent with PMI and PMBOK principles of project management and the State of Maryland SDLC. Manage and integrate project resources including oversight of the technical project team. Exercise PM best practices for the project and oversee project activities consistent with the nine knowledge areas including:  • Procurement Management - consisting of procurement planning, contracts
Network and etc.)  Programming Standards and Guidelines in compliance with State of Maryland  Development methodology, frameworks and project tools  Technical and Non-functional requirements analysis and management  Perform SPS Technical Management (Deliverable 7.1) consistent with PMI and PMBOK principles of project management and the State of Maryland SDLC. Manage and integrate project resources including oversight of the technical project team. Exercise PM best practices for the project and oversee project activities consistent with the nine knowledge areas including:  Procurement Management - consisting of procurement planning, contracts
<ul> <li>Programming Standards and Guidelines in compliance with State of Maryland</li> <li>Development methodology, frameworks and project tools</li> <li>Technical and Non-functional requirements analysis and management</li> <li>Perform SPS Technical Management (Deliverable 7.1) consistent with PMI and PMBOK principles of project management and the State of Maryland SDLC. Manage and integrate project resources including oversight of the technical project team. Exercise PM best practices for the project and oversee project activities consistent with the nine knowledge areas including:</li> <li>Procurement Management - consisting of procurement planning, contracts</li> </ul>
<ul> <li>Development methodology, frameworks and project tools         <ul> <li>Technical and Non-functional requirements analysis and management</li> </ul> </li> <li>2.3* Perform SPS Technical Management (Deliverable 7.1) consistent with PMI and PMBOK principles of project management and the State of Maryland SDLC. Manage and integrate project resources including oversight of the technical project team. Exercise PM best practices for the project and oversee project activities consistent with the nine knowledge areas including:         <ul> <li>Procurement Management - consisting of procurement planning, contracts</li> </ul> </li> </ul>
<ul> <li>2.3* Perform SPS Technical Management (Deliverable 7.1) consistent with PMI and PMBOK principles of project management and the State of Maryland SDLC. Manage and integrate project resources including oversight of the technical project team. Exercise PM best practices for the project and oversee project activities consistent with the nine knowledge areas including:         <ul> <li>Procurement Management - consisting of procurement planning, contracts</li> </ul> </li> </ul>
PMBOK principles of project management and the State of Maryland SDLC. Manage and integrate project resources including oversight of the technical project team. Exercise PM best practices for the project and oversee project activities consistent with the nine knowledge areas including:  • Procurement Management - consisting of procurement planning, contracts
<ul> <li>selecting contractor(s), administering contract(s), and contract(s) closing activities.</li> <li>Schedule Management - consisting of activity definition and sequencing, resource estimating, duration estimating, schedule development, and schedule control activities.</li> <li>Integration Management - consisting of project plan development, project plan execution, and integrated change control activities.</li> <li>Scope Management - consisting of project initiation, scope planning, scope definition and scope change control activities.</li> <li>Cost Management - consisting of resource planning, cost estimating, budgeting and cost control activities.</li> <li>Human Resources Management - consisting of organizational planning, technical project team acquisition and staff development activities.</li> <li>Risk Management - consisting of risk management planning, risk identification, risk quantitative and qualitative analysis, response planning, monitoring, and control activities.</li> <li>Quality Management - consisting of quality planning, quality assurance and quality control activities.</li> <li>Communications Management - consisting of communications planning, information distribution, progress and performance reporting, and stakeholder</li> </ul>
communications management activities.  2.4* Review and provide input and updates to the <i>Master Project Plan (Deliverable 7.2)</i> .
2.4* Review and provide input and updates to the <i>Master Project Plan (Deliverable 7.2)</i> . Ensure that plan components adequately document how the project will be executed,

	CATS IT Master Contract
	monitored and controlled. Ensure that the plan adequately defines the managerial,
	technical, and supporting processes and activities necessary for sound project
	development. Ensure that the plan adequately covers topics such as Scope
	Management, Schedule Management, Quality Management, Resource Management,
	Communications Management, Project Change Management, Risk Management,
	Procurement Management and others as deemed necessary to manage the project.
2.5*	Review and provide input and updates to the <i>Work Breakdown Structure (WBS)</i>
2.3	( <i>Deliverable 7.3</i> ) consistent with PMBOK standards for all project work.
2.6*	Review and provide input and updates to the <i>Integrated Master Schedule (Deliverable</i>
2.0	7.4) based on the WBS (see 2.5 above) and usable for tracking project activities. This
	schedule shall include all project management, agency and contractor activities in
	sufficient detail to manage the project. The schedule shall include milestones,
	deliverables, periods of performance, degrees of completion, and assigned resources for
	all project activities. The activities duration in the master schedule shall be at
	appropriate level of granularity to manage and track project progress.
	Oversee appropriate updates to the Project Management Plan (see 2.4 above) and
	related project components as outlined in the SDLC.
2.7	Provide input and updates to the integration of the Development Contractor's plan and
2.7	methodology into the <i>Integrated Master Schedule</i> (see 2.6 above) to track all project
	progress. Ensure appropriate updates to the Project Management Plan (see 2.4 above)
2 04	and related project components as outlined in the SDLC.
2.8*	Review and provide input and updates to the <i>Communications Plan (Deliverable 7.5)</i>
	for all project stakeholders including stakeholder contact list, distribution structure,
	description of information to be disseminated, schedule listing when information will
	be produced and method for updating the communications plan. Ensure all appropriate
	stakeholders have been identified and their requirements and expectations have been
	documented and managed within the scope of the project.
2.9*	Review and provide input and updates to the Risk Management Plan (RMP) and Risk
	Registry (Deliverable 7.6). The RMP shall identify and prioritize potential risks to
	successful completion of the SPS SDLC Phases. The RMP shall incorporate pertinent
	risk information found in the Master Project Status Report (see 2.15 below). The RMP
	will include a Risk Registry of all project risks that will be updated throughout the
2.10	project.
2.10	Develop, document, implement and issue escalation and resolution processes for the
	project and communicate the process to all stakeholders.
2.11*	Ensure the Technical Project Teams has created and is updating a <i>Deliverable</i>
	Comments Matrix (DCM) (Deliverable 7.7) for each deliverable or SDLC product
	provided by the Development Contractor. Ensure that the Technical Project Teams
	reviews, and coordinates the review among appropriate stakeholders, of SPS project
	deliverables for completeness and conformance to requirements. Ensure the Technical
	Project Team documents resulting issues and questions in the DCM to be resolved by
	the Development Contractor prior to deliverable acceptance. Ensure the Technical
	Project Team reviews subsequent updated versions of deliverables to confirm all issues
	and questions have been resolved satisfactorily.
	and questions have been resorved satisfactority.
	The DCM process is part of the Quality Assurance Plan (see 2.14 below).
2.12*	Review and provide updates to the <i>Change Management Plan (Deliverable 7.8)</i> that
	describes the process for making changes to project scope, requirements, or cost as
	necessary. At a minimum, the Change Management Plan shall describe the change
	management and approval processes, and the tools used (i.e. change request form,
	change order). Processes shall include:
	Coordination with the TO Manager for review and approval of proposed changes to

	CATS II Master Contract
	the project;
	Coordination with Development Contractor for review and agreement on proposed
	changes; and
	For approved changes, project integration management consistent with the
	PMBOK.
	The TPM shall ensure that the Technical Project Team reviews the existing change
	management logs and determine which items will be taken forward for further analysis.
2.13*	Review and provide updates of the <i>Requirements Traceability Matrix (RTM)</i>
	(Deliverable 7.9) that describes and provides a numbering system for all project
	requirements for traceability through testing. The RTM shall include test scenarios and
	acceptance criteria for all technical and functional requirements.
	Ensure that the Technical Project Team participates in requirements process as needed
	and traces requirements through testing and implementation via updates to the RTM.
	RTM updates will be in conjunction with weekly requirements / design reviews (see
2.14*	2.15 below). The RTM process is part of the Quality Assurance Plan (see 2.14 below).
2.14"	Review and provide updates to the <i>Quality Assurance (QA) Plan (Deliverable 7.10)</i> that includes the following components at a minimum:
	that includes the following components at a millimum.
	Description of the process for QA on project deliverables via the DCM process
	(see 2.11 above).
	<ul> <li>Description of the process for QA on requirements using the RTM (see 2.13</li> </ul>
	above).
2.15*	Ensure input and ongoing updating to the <i>Master Status Report</i> ( <i>Deliverable 7.11</i> ).
	Oversee weekly Technical Project Team meetings, to include the Development
	Contractor when appropriate, in which design / requirements reviews and discussions
	on project status, risk and issues occur. Require the Technical Project Team to record
	project status, risk and issue dispositions for the past week, and planned activities for
	the week upcoming, in the Status Report. The Status Report shall have sections
	describing PM activities and needed updates to the Integrated Master Schedule (see 2.6
	above), Master RMP (see 2.9 above), and RTM (see 2.13 above). The Master Status
	Report shall contain a section for lessons learned from the project and any other
215	pertinent status information.
2.16	Coordinate with the Technical Project Teams and Development Contractor's technical
	resources to control the project to the Project Management Plan (see 2.4 above). Work
	with the Technical Project Teams and Development Contractor's technical resources to
	address schedule variances. Ensure the documentation of schedule variances in the Integrated Master Schedule (see 2.6 above) and Master Status Report (see 2.15 above).
2.17	Ensure that the Technical Project Teams will collect, organize, store, and manage
2.1/	project documents in a central repository. This includes maintaining current and
	archival files (electronic and paper), collecting and distributing information to and from
	stakeholders, and entering updates into Agency internal weekly status reports and
	project tracking systems.
2.18	Function as a liaison between Agency personnel, project stakeholders, the
	Development Contractor's technical resources, and Technical Project Teams.
2.19	Assign other minor duties related to project management support to the Technical
	Project Team. Minor duties may include responding to phone calls and email, making
	photo copies, scheduling and attending ad hoc meetings, engaging in TO performance
	discussions, coordinating Development Contractor invoicing, and participating in
	Independent Verification & Validation (IV&V) assessments.
2.20*	Ensure the input/updates t other management plans as deemed necessary by the Senior
	Program Manager. For example, a Human Resource Management Plan, Cost
	Management Plan, and Procurement Management Plan (Deliverable 7.12).

	CATS IT Master Contract
2.21	Ensure change orders are managed in accordance with the Change Management Plan
	(see 2.12 above). Work with the TO Procurement Officer to define change order
	scope, cost, and project impact. Perform cost-benefit analyses, and provide valid
	justifications for change orders. Document and coordinate the implementation of
	change orders with the Senior Program Manager and Development Contractor.
2.22	Ensure project governance processes are documented and practiced.
2.23	Ensure development of a written procedure for configuration control for application
	code promotion.
2.24	Identify project tasks and assignments and work with Agency, Development
	Contractor's Technical resources, and Project Technical Teams to resolve workload
	conflicts.
2.25	Coordinate the Technical Project Teams' interaction with IV&V contractors and ensure
	the availability of all project artifacts for IV&V assessments.
2.26	Work closely with the Technical Project Teams and Development Contractor's
	Technical resources to develop or review and update detailed project documents.
	Documents may include:
	Hardware Evaluation;
	Architecture and Technical Strategy Documents;
	Design Specification Documents;
	Detail Design Documents;
	Software Development Document;
	<ul> <li>Joint Application Development (JAD) Document;</li> </ul>
	<ul> <li>Technical Process Definition and Requirements</li> </ul>
	Security Plan;
	Data Conversion Strategy and Plan
	Technical Process Definition and Requirements
	Data Retention Plan;
	Disaster Recovery Plan;
	Integration Document;
	Implementation Plan;
	Operations or System Administration Manual;
	Maintenance Manual; and
	Release Notes
2.27	Control the scope of the project leveraging tools such as the RTM (see 2.13 above) and
	change management activities.
2.28	Other project-related duties as assigned by Senior Program Manager.

#### 3. REQUIRED PROJECT POLICIES, GUIDELINES AND METHODOLOGIES

The TPM shall keep informed of and comply with all applicable laws, regulations, policies, standards and guidelines affecting information technology projects applicable to activities and obligations under the TO Agreement, as those laws, policies, standards and guidelines may be amended from time to time. The TPM shall adhere to and remain abreast of current, new, and revised laws, regulations, policies, standards and guidelines affecting project execution and it shall obtain and maintain, at its expense, all licenses, permits, insurance, and governmental approvals, if any, necessary to the performance of its obligations under the TO Agreement. These may include, but are not limited to:

- A) The nine project management knowledge areas in the PMI's PMBOK.
- B) The State's SDLC methodology at: www.doit.maryland.gov keyword: SDLC.

- C) The State's IT Security Policy and Standards at: www.DoIT.maryland.gov keyword: Security Policy.
- D) The State's IT Project Oversight at: www.DoIT.maryland.gov keyword: IT Project Oversight.
- E) The State of Maryland Enterprise Architecture at www.DoIT.maryland.gov keyword: MTAF (Maryland Technical Architecture Framework).

#### 4. MONTHLY TPM PERFORMANCE RATINGS

Each month the TO Contractor shall submit a Deliverable Project Acceptance Form (DPAF) (Exhibit 1 below) to the Senior Program Manager for approval of the deliverable *SPS Technical Management* (Deliverable 7.1). The SPS Program Manager will rate the TPM's performance based on the criteria described in the DPAF. In the event of poor or non-performance by the TPM resulting in a rating of "unacceptable," payment shall be withheld pending the outcome of the procedures described in Section 5.

#### 5. MITIGATION PROCEDURES FOR POOR OR NON-PERFORMANCE

As warranted by poor or non-performance by the TPM, the Agency shall pursue the following mitigation procedures prior to requesting a replacement TPM:

- A) The TO Manager shall document performance issues and give written notice to the TO Contractor clearly describing problems and delineating remediation requirement(s).
- B) The TO Contractor shall respond with a written remediation plan within three business days and implement the plan immediately upon written acceptance by the TO Manager.
- C) Should performance issues persist, the TO Manager may give written notice or request the immediate removal of the TPM and determine whether a substitution is required.

#### 6. WORK HOURS

Standard State office hours 8:00 AM to 5:00 PM, Monday through Friday, except for State holidays, unless the State office adheres to a compressed work week schedule. The TPM may work from the State offices at any time during these standard hours. Arrangements may be made to work from State offices during non-standard work hours, at the discretion of the SPS Program Manager and the State.

Duties of the TPM may require working hours not contained to these standard hours, including evenings and/or weekends as the requirements of the position warrant.

#### 7. DELIVERABLES AND TIME OF PERFORMANCE

The table below describes the deliverables required under the TO and corresponding Time of Performance based on Notice To Proceed (NTP).

ID#	Deliverable Description	Time of
		Performance
7.1	SPS Technical Management – Encompasses the duties and	Throughout the
	responsibilities in Section 2 above and culminates in the overall effective oversight and control of the technical management components of the SPS project. This is a single continuous deliverable encompassing all other deliverables described in this section.	duration of the TO

	CATS II Master Contract	
	Note - The quality of this deliverable is based on performance in the	
	nine PMBOK knowledge areas as applied to the technical management	
	components of the SPS project, and the quality of the written	
	deliverables in this section.	
	The SPS Technical Management deliverable shall be assessed by the	
	Senior Program Manager via the process described in Section 4 above.	
Note -	- for each of the written deliverables below, ongoing quality will be a factor	in the Monthly
	rmance Rating described in Section 4 above.	nt the Monthly
7.2	Master Project Plan – Defines how the project will be executed,	Updated quarterly
' -	monitored and controlled. The document will be developed with input	or as directed by
	from the project team and key stakeholders. The plan shall address topics	the Senior
	including Scope Management, Schedule Management, Financial	Program Manager
	Management, Quality Management, Resource Management,	
	Communications Management, Project Change Management, Risk	
	Management, and Procurement Management as defined in the PMBOK.	
7.3	Work Breakdown Structure (WBS) – Contains tiers showing project	Updated quarterly
	milestones or phases in the top level with a breakdown of major project	or as directed by
	tasks into manageable "work packages" underneath. Work packages at	the Senior
	the bottom level shall have no smaller than two-week durations and have	Program Manager
	measurable, testable, or observable outputs suitable for tracking project	
	progress.	
7.4	Integrated Master Schedule – Based on the WBS (see 7.3 above) and	Update bi-weekly
	suitable for tracking project activities. At a minimum, the Master	or as directed by
	Schedule shall show milestones, deliverables, times of performance,	the Senior
	degrees of completion and resources for all project activities during the	Program Manager
	SDLC. The activities durations in the master schedule shall have the	
	appropriate degree of granularity to manage and track project progress.	
	This is a single, base-lined and periodically updated deliverable	
	encompassing all project activities.	
7.5	Communications Plan – Captures the stakeholder contact list, the types	Updated quarterly
	of information to be disseminated, the format for each type, a schedule of	or as directed by
	when information will be produced and disseminated, and the method for	the Senior
	updating the communications plan. This is a single deliverable	Program Manager
7.6	maintained throughout the life of project.  Pick Management Plan (PMP) and Pick Projects.  Describes the rick	Undata hi waalda
7.6	<b>Risk Management Plan (RMP) and Risk Registry</b> – Describes the risk management procedures for the project. The RMP will include a table of	Update bi-weekly or as directed by
	potential risks and recommended risk responses, and will incorporate risk	the Senior
	information found in deliverables provided by the Development	Program Manager
	Contractor. This is a single, periodically updated deliverable	1 10grain ivianagei
	encompassing all project risks. A <i>Risk Registry</i> will be created for	
	logging all project risk using MS Excel or other appropriate table format.	
7.7	<b>Deliverable Comments Matrix (DCM)</b> – Used to capture comments and	Project
- • -	recommended changes to each SPS Project technical deliverable prior to	deliverable due
	acceptance. A separate DCM is required for each deliverable or SDLC	date + 5 working
	product.	days
7.8	Change Management Plan – Describes the procedure for proposing,	Updated quarterly
	evaluating, approving, and documenting changes to project scope,	or as directed by
	schedule, and cost. This Plan shall include any tools or templates used for	the Senior
	change management, for example, change request form.	Program Manager
7.9	Requirements Traceability Matrix (RTM) – Describes technical and	Updated bi-
	functional requirements. At a minimum, requirements shall be numbered	weekly or as
	for traceability, testable and the descriptions unambiguous. The RTM	directed by the

	CATS IT Master Contract	
	shall contain acceptance criteria for each requirement and a test method	Senior Program
	for verifying completion based on the criteria.	Manager
7.10	Quality Assurance (QA) Plan - Describes how quality, meaning	Updated quarterly
	conformance to project requirements, will be monitored throughout the	or as directed by
	project life cycle. The QA Plan shall describe the steps for deliverable	the Senior
	review and updating via the DCM process (see 7.7 above). The QA Plan	Program Manager
	shall describe the requirements tracking process via the requirements	
	traceability process (see 7.9 above). The QA plan shall define signoff	
	procedures for project milestones and deliverables.	
7.11	Conversion Plan (Data and System) - describes the strategies involved in	To be determined
	converting data from an existing system to another hardware or software	by the Senior
	environment.	Program Manager
7.12	Master Status Report – Captures and tracks ongoing project activities and	At least bi-weekly
	status. The report will capture activities completed in the past week,	or as directed by
	activities planned for the following week, and the completion status of	the Senior
	project deliverables. The report will describe issues identified on the	Program Manager
	project and the status of efforts to resolve issues.	
	The report will have sections describing necessary updates to the	
	Integrated Master Schedule (Deliverable 7.4) and Master RMP	
	(Deliverable 7.6). The report will document lessons learned from the	
	project and any other pertinent status information.	
7.13	Other management plans, such as Human Resource Management, Cost	To be determined
	Management, and Procurement Management as deemed necessary by the	by the Senior
	TO Manager.	Program Manager

(The rest of this page was left intentionally blank)

#### DELIVERABLE PRODUCT ACCEPTANCE FORM (DPAF)

**SPS Project Oversight (Deliverable #7.1)** 

(Submitted monthly by the TO Contractor)

**TO Contractor: Date Submitted:** 

**Performance Period (Month / Year):** 

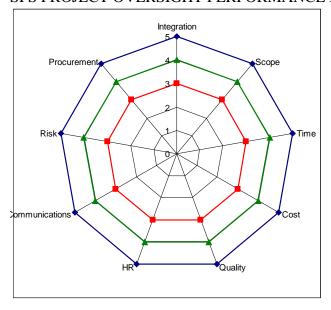
**Agency Name:** 

**TO Manager / Agency Contact:** 

Reference BPO#

### The Information Below Shall Be Filled-In by the Agency

#### SPS PROJECT OVERSIGHT PERFORMANCE RATING DISPOSITION:



PM Processes	Rating**
Integration Management	
Scope Management	
Schedule Management	
Cost Management	
Quality Management	
Human Resources	
Management	
Communications	
Management	
Risk Management	
Procurement Management	
Total Average Score	
AAD .: . 1 1 CDC D .: . O	• 1.

\*\*Rating is based on *SPS Project Oversight Performance Rating Criteria Sheet*. The Project

Team shall maintain score of 3 or higher for each process area and/or average score of 3. Scores below 3 may trigger the Mitigation Procedures defined in Section 5 above.

Deliverable # 7.1 is acceptable.

Deliverable # 7.1 is rejected (for reasons indicated below).

REASON(S) FOR UNACCEPTABLE TPM PERFORMANCE RATING (List Deliverables or PM Process Areas):

TO Manager Signature	Date Signed

### **SPS Project Oversight Performance Rating Criteria**

The TO Manager will evaluate and rate the TPM's oversight performance based on the overall Project Team's performance in each of the nine Knowledge Areas below. Applicable processes shall score at 3 or higher.

-		•	
к	at	ın	σ
_	uı		~

	ntegration Management		
0	Not applicable for project.	Ind	licators of Process
<u>-</u>	Project Team has not established practices, standards, or processes for project.	1.	Project Charter
1	Work performed in ad hoc fashion and does not include integration management.	2.	Project Management
	Project Team has established basic, documented processes for project planning		Plan (PMP)
2	and reporting exist. Management only involved on high-visibility projects.	3.	Integrated Project
- <del>-</del>	Project Team has institutionalized the Project integration efforts with		Plan
	documented procedures and standards. PM is beginning to integrate all project	4.	Updated Project
3	data.		Schedule
	Project Team utilizes processes/standards for project on a regular basis and		
	integrated with other processes/systems. Decisions on project based on		
4	performance metrics.		
	Project Team has established best practices including project integration	-	
	improvement procedures utilized. Lessons learned are regularly examined and		
5	used to improve documented processes.		
	cope Management		
0	Not applicable for project.	Ind	licators of Process
· · · · · · · · · · · · · · · · · · ·	Project has general statement of functional requirements. Little or no scope	1.	Project Scope
		1.	Statement
1	management or documentation for project. Management and stakeholders are aware of key milestones only.	2.	Change Request and
1	Project Team has put basic scope management process in place. Scope	۷.	Approval Process
2		3.	Requirements
2	management is meeting techniques irregularly.	ال	Traceability Matrix
	Project Team has implemented full project management process documented and		(RTM)
2	is actively utilizing process on regular basis. Stakeholders are engaged and	4.	Change Control Board
3	actively participating in scope decisions.	₹.	Change Condoi Doald
1	Project Team is utilizing full project management processes for the project.		
4	Projects managed and evaluated in light of other competing requirements.	-	
	Project Team's effectiveness and efficiency metrics drive project scope decisions	1	· ·
- E	by appropriate levels of management		
5 Project T	by appropriate levels of management.		
Project T	ime/Schedule Management	T	licators of Dunance
	ime/Schedule Management Not applicable for project.		licators of Process
Project T	ime/Schedule Management  Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of	1.	WBS
Project T	ime/Schedule Management  Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.		WBS Schedule
Project T 0	ime/Schedule Management  Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and	1. 2.	WBS Schedule Management Plan
Project T	ime/Schedule Management  Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.	1.	WBS Schedule Management Plan Activities duration
Project T 0 1 2	Inve/Schedule Management  Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes	1. 2.	WBS Schedule Management Plan
Project T 0	Inve/Schedule Management  Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.	1. 2.	WBS Schedule Management Plan Activities duration
Project T 0 1 2	Interview Interv	1. 2.	WBS Schedule Management Plan Activities duration
Project T 0 1 2	Interview Interv	1. 2.	WBS Schedule Management Plan Activities duration
Project T 0 1 2	Interview Interv	1. 2.	WBS Schedule Management Plan Activities duration
Project T 0 1 2	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for	1. 2.	WBS Schedule Management Plan Activities duration
Project T 0 1 2 3	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve	1. 2.	WBS Schedule Management Plan Activities duration
Project T 0 1 2 3 4	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.	1. 2.	WBS Schedule Management Plan Activities duration
Project T  1  2  3  4  5  Project C	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.	1. 2. 3.	WBS Schedule Management Plan Activities duration based on historic data
Project T 0 1 2 3 4	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  ost Management  Not applicable for project.	1. 2. 3.	WBS Schedule Management Plan Activities duration based on historic data
Project T  1  2  3  4  5 Project C	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  ost Management  Not applicable for project.  Project Team has not established practices or standards. Cost process	1. 2. 3.	WBS Schedule Management Plan Activities duration based on historic data  licators of Process Cost Estimates
Project T  1  2  3  4  Project C  0	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  ost Management  Not applicable for project.  Project Team has not established practices or standards. Cost process documentation is ad hoc and individual project members follow informal	1. 2. 3. Ind 1.	WBS Schedule Management Plan Activities duration based on historic data  licators of Process Cost Estimates Activity
Project T  1  2  3  4  5 Project C	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  ost Management  Not applicable for project.  Project Team has not established practices or standards. Cost process documentation is ad hoc and individual project members follow informal practices.	1. 2. 3. Ind 1. 2.	WBS Schedule Management Plan Activities duration based on historic data  licators of Process Cost Estimates Activity Project Cost Baseline
Project T 0 1 2 3 4 5 Project C 0	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  ost Management  Not applicable for project.  Project Team has not established practices or standards. Cost process documentation is ad hoc and individual project members follow informal practices.  Project Team has established processes exist for cost estimating, reporting, and	1. 2. 3. Ind 1.	WBS Schedule Management Plan Activities duration based on historic data  licators of Process Cost Estimates Activity Project Cost Baseline Cost Management
Project T  1  2  3  4  Project C  0	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  ost Management  Not applicable for project.  Project Team has not established practices or standards. Cost process documentation is ad hoc and individual project members follow informal practices.  Project Team has established processes exist for cost estimating, reporting, and performance measurement. Cost management processes are used for the project.	1. 2. 3. Ind 1. 2. 3.	WBS Schedule Management Plan Activities duration based on historic data  licators of Process Cost Estimates Activity Project Cost Baseline Cost Management Plan
Project T 0 1 2 3 4 5 Project C 0	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  Ost Management  Not applicable for project.  Project Team has not established practices or standards. Cost process documentation is ad hoc and individual project members follow informal practices.  Project Team has established processes exist for cost estimating, reporting, and performance measurement. Cost management processes are used for the project.  Project Team has standardized cost management practices for project team. Costs	1. 2. 3. Ind 1. 2.	WBS Schedule Management Plan Activities duration based on historic data  licators of Process Cost Estimates Activity Project Cost Baseline Cost Management
Project T 0 1 2 3 4 5 Project C 0	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  Ost Management  Not applicable for project.  Project Team has not established practices or standards. Cost process documentation is ad hoc and individual project members follow informal practices.  Project Team has established processes exist for cost estimating, reporting, and performance measurement. Cost management processes are used for the project.  Project Team has standardized cost management practices for project team. Costs are fully integrated and reflect the true cost of the project.	1. 2. 3. Ind 1. 2. 3.	WBS Schedule Management Plan Activities duration based on historic data  licators of Process Cost Estimates Activity Project Cost Baseline Cost Management Plan
Project T 0 1 2 3 4 5 Project C 0 1 2 3	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  Ost Management  Not applicable for project.  Project Team has not established practices or standards. Cost process documentation is ad hoc and individual project members follow informal practices.  Project Team has established processes exist for cost estimating, reporting, and performance measurement. Cost management processes are used for the project.  Project Team has standardized cost management practices for project team. Costs are fully integrated and reflect the true cost of the project.  Project Team has integrated cost planning and tracking with Project Office,	1. 2. 3. Ind 1. 2. 3.	WBS Schedule Management Plan Activities duration based on historic data  licators of Process Cost Estimates Activity Project Cost Baseline Cost Management Plan
Project T 0 1 2 3 4 5 Project C 0	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  Ost Management  Not applicable for project.  Project Team has not established practices or standards. Cost process documentation is ad hoc and individual project members follow informal practices.  Project Team has established processes exist for cost estimating, reporting, and performance measurement. Cost management processes are used for the project.  Project Team has standardized cost management practices for project team. Costs are fully integrated and reflect the true cost of the project.  Project Team has integrated cost planning and tracking with Project Office, financial, and human resources systems. Standards tied to agency processes.	1. 2. 3. Ind 1. 2. 3.	WBS Schedule Management Plan Activities duration based on historic data  licators of Process Cost Estimates Activity Project Cost Baseline Cost Management Plan
Project T 0 1 2 3 4 5 Project C 0 1 2 3	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  Ost Management  Not applicable for project.  Project Team has not established practices or standards. Cost process documentation is ad hoc and individual project members follow informal practices.  Project Team has established processes exist for cost estimating, reporting, and performance measurement. Cost management processes are used for the project.  Project Team has standardized cost management practices for project team. Costs are fully integrated and reflect the true cost of the project.  Project Team has integrated cost planning and tracking with Project Office, financial, and human resources systems. Standards tied to agency processes.	1. 2. 3. Ind 1. 2. 3.	WBS Schedule Management Plan Activities duration based on historic data  licators of Process Cost Estimates Activity Project Cost Baseline Cost Management Plan
Project T 0 1 2 3 4 5 Project C 0 1 2 3	Not applicable for project.  Project Team has not established planning or scheduling standards. Lack of documentation makes it difficult to achieve repeatable project success.  Project Team has established basic processes, but is not performing planning and scheduling on a regular basis.  Project Team has established document time management processes and utilizes on a regular basis. Project-wide integration includes project dependencies.  Project Team has established good practices in time management including utilization of historical data to forecast future performance. Project management decisions based on efficiency and effectiveness metrics.  Project Team has additionally incorporated improvement procedures utilized for time management processes. Lessons learned are examined and used to improve documented processes.  Ost Management  Not applicable for project.  Project Team has not established practices or standards. Cost process documentation is ad hoc and individual project members follow informal practices.  Project Team has established processes exist for cost estimating, reporting, and performance measurement. Cost management processes are used for the project.  Project Team has standardized cost management practices for project team. Costs are fully integrated and reflect the true cost of the project.  Project Team has integrated cost planning and tracking with Project Office, financial, and human resources systems. Standards tied to agency processes.	1. 2. 3. Ind 1. 2. 3.	WBS Schedule Management Plan Activities duration based on historic data  licators of Process Cost Estimates Activity Project Cost Baseline Cost Management Plan

CATS II Master Contract				
	Quality Management			
0	Not applicable for project.		icators of Process	
	Project Team has not established project quality practices or standards.	1.	Quality Assurance	
1	Management is considering how they should define "quality".		Plan	
	Project Team has established basic organizational project quality policy has been	2.	Deliverables	
	adopted. Project Management and Team encourage quality processes and policy		Acceptance Criteria	
2	for project.		defined	
	Project Team has established well documented quality management process and	3.	User Acceptance	
	instituted standards for the project. Regular quality management activities are		Criteria (UAC) per	
3	being executed including deliverables acceptance.		SDLC phases	
	Project Team has best practices for standard quality management processes.	4.	Formal Deliverable	
	Management is actively involved in coordinating quality standards and		Acceptance Process	
4	assurance. Some metrics are developed.			
	Project Team has implemented guidelines for implementing improvements back			
	into the process. Metrics are key to product quality decisions throughout the			
5	SDLC.			
	Iuman Resource Management			
0	Not applicable for project.	Ind	licators of Process	
<sup></sup>	Project Team has not performed planning and staffing activities for project.	1.	Organization Chart	
1	Project teams are ad hoc. Human resource time and cost is not measured.	2.	Roles and	
1		۷٠ ا	responsibilities matrix	
,	Project Team has put processes in place that defines how to plan and manage	3.		
2	human resources. Resource tracking is loosely performed for project.	ا.	Staffing Management	
	Project Team has established a regularly resource management process.		Plan	
	Professional development program activities for team and organization have been	4.	Team Training Plan	
3	established for successful implementation of project.	5.	Team performance	
	Project Team has implemented resource management best practices including		assessment	
	resource forecasts used for project planning and prioritization. Project team			
4	performance measured and integrated with team development.	_[		
	Project Team includes HR processes which engage teams to document project			
	lessons learned. Improvements are incorporated into human resources			
5	managament process	1		
<u> </u>	management process.			
	Communication Management			
	Communication Management  Not applicable for project.	Ind	licators of Process	
Project C	Communication Management  Not applicable for project.	<u>Ind</u>	licators of Process Communication	
Project C	Communication Management			
Project C	Communication Management  Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.		Communication	
Project C	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including	1.	Communication Management Plan	
Project C	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a	1.	Communication Management Plan Project Performance	
Project C 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.	1. 2.	Communication Management Plan Project Performance Reports	
Project C 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project	1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for	
Project C 0 1	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of	1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of	
Project C 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.	1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and	
Project C  1  2	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management	1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of	
Project C 0 1	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.	1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and	
Project C 0 1 2	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously	1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and	
Project C 0 1 2 3 4	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and	1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and	
Project C 0 1 2 3 4 5	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.	1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and	
Project C  1  2  3  4  Project R	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  tisk Management	1. 2. 3. 4.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions	
Project C 0 1 2 3 4 5	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Lisk Management  Not applicable for project.	1. 2. 3. 4.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions	
Project C  1  2  3  4  Project R	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Risk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for	1. 2. 3. 4.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  licators of Process Risk Management	
Project C  1  2  3  4  Project R	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Risk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is	1. 2. 3. 4. 4. Ind	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  licators of Process Risk Management Plan	
Project C  1  2  3  4  Project R	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Risk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.	1. 2. 3. 4. 4. Ind 1. 2.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  licators of Process Risk Management Plan Risk Register	
Project C  1  2  3  4  Project R  0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Risk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.  Project Team has established basic risk management processes and have	1. 2. 3. 4. 4. Ind	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  Sicators of Process Risk Management Plan Risk Register Process for Risk	
Project C  1  2  3  4  Project R  0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Risk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.	1. 2. 3. 4. 4. Ind 1. 2.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  Sicators of Process Risk Management Plan Risk Register Process for Risk Register updates and	
Project C  1  2  3  4  Project R  0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Risk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.  Project Team has established basic risk management processes and have documented for the project. Team members are involved with risks process and risks are shared for project.	1. 2. 3. 4. 4. Ind 1. 2.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  Sicators of Process Risk Management Plan Risk Register Process for Risk	
Project C 0 1 2 3 4 5 Project R 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Risk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.  Project Team has established basic risk management processes and have documented for the project. Team members are involved with risks process and risks are shared for project.	1. 2. 3. 4. 4. Ind 1. 2.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  State of Process Risk Management Plan Risk Register Process for Risk Register updates and communication of risk Contingency plans for	
Project C 0 1 2 3 4 5 Project R 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Risk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.  Project Team has established basic risk management processes and have documented for the project. Team members are involved with risks process and	1. 2. 3. 4.  Ind 1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  Licators of Process Risk Management Plan Risk Register Process for Risk Register updates and communication of risk	
Project C 0 1 2 3 4 5 Project R 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Lisk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.  Project Team has established basic risk management processes and have documented for the project. Team members are involved with risks process and risks are shared for project.  Project Team has established regular risk management processes and risk activities, including identification and mitigation planning, are actively utilized	1. 2. 3. 4.  Ind 1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  State of Process Risk Management Plan Risk Register Process for Risk Register updates and communication of risk Contingency plans for	
Project C 0 1 2 3 4 5 Project R 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Lisk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.  Project Team has established basic risk management processes and have documented for the project. Team members are involved with risks process and risks are shared for project.  Project Team has established regular risk management processes and risk activities, including identification and mitigation planning, are actively utilized for project.	1. 2. 3. 4.  Ind 1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  State of Process Risk Management Plan Risk Register Process for Risk Register updates and communication of risk Contingency plans for	
Project C 0 1 2 3 4 5 Project R 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Lisk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.  Project Team has established basic risk management processes and have documented for the project. Team members are involved with risks process and risks are shared for project.  Project Team has established regular risk management processes and risk activities, including identification and mitigation planning, are actively utilized for project. Team has integrated risk processes with all aspect of project reporting	1. 2. 3. 4.  Ind 1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  State of Process Risk Management Plan Risk Register Process for Risk Register updates and communication of risk Contingency plans for	
Project C 0 1 2 3 4 5 Project R 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Lisk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.  Project Team has established basic risk management processes and have documented for the project. Team members are involved with risks process and risks are shared for project.  Project Team has established regular risk management processes and risk activities, including identification and mitigation planning, are actively utilized for project.  Project Team has integrated risk processes with all aspect of project reporting including time, cost, and resource systems. Metrics are used to support risk	1. 2. 3. 4.  Ind 1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  State of Process Risk Management Plan Risk Register Process for Risk Register updates and communication of risk Contingency plans for	
Project C 0 1 2 3 4 5 Project R 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Lisk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.  Project Team has established basic risk management processes and have documented for the project. Team members are involved with risks process and risks are shared for project.  Project Team has established regular risk management processes and risk activities, including identification and mitigation planning, are actively utilized for project.  Project Team has integrated risk processes with all aspect of project reporting including time, cost, and resource systems. Metrics are used to support risk decisions for the project.	1. 2. 3. 4.  Ind 1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  State of Process Risk Management Plan Risk Register Process for Risk Register updates and communication of risk Contingency plans for	
Project C 0 1 2 3 4 5 Project R 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Lisk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.  Project Team has established basic risk management processes and have documented for the project. Team members are involved with risks process and risks are shared for project.  Project Team has established regular risk management processes and risk activities, including identification and mitigation planning, are actively utilized for project. Team has integrated risk processes with all aspect of project reporting including time, cost, and resource systems. Metrics are used to support risk decisions for the project.	1. 2. 3. 4.  Ind 1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  State of Process Risk Management Plan Risk Register Process for Risk Register updates and communication of risk Contingency plans for	
Project C 0 1 2 3 4 5 Project R 0	Not applicable for project.  Project Team performing communications management on an ad hoc basis with informal status reports to management.  Project Team has established basic communications process including Communications Management Plan. Project progress reporting is occurring on a more regular basis.  Project Team has active involvement by executing a formal project communications plan. All stakeholders and project team members are aware of communications process.  Project Team has implemented best practices for communications management plan for the project.  Project Team has put additional improvement process in place to continuously improve project communications management. Lessons learned are captured and incorporated.  Lisk Management  Not applicable for project.  Project Team has not established any risk management practices or standards for project. Documentation is minimal and results are not shared. Risk response is reactive.  Project Team has established basic risk management processes and have documented for the project. Team members are involved with risks process and risks are shared for project.  Project Team has established regular risk management processes and risk activities, including identification and mitigation planning, are actively utilized for project.  Project Team has integrated risk processes with all aspect of project reporting including time, cost, and resource systems. Metrics are used to support risk decisions for the project.	1. 2. 3. 4.  Ind 1. 2. 3.	Communication Management Plan Project Performance Reports Stakeholder Contact Processes for communication of Risk, Issues and Decisions  State of Process Risk Management Plan Risk Register Process for Risk Register updates and communication of risk Contingency plans for	

Project Procurement Management			
0	Not applicable for project.	Indicators of Process	
1	Project Team has not established procurement process for project. Processes are ad hoc at best with no clear plan defined.	Procurement     Management Plan	
2	Project Team has established basic process for procurement of goods and services for project. Procurement Management Plan has been developed for procurement of all project goods and services.	Contract Statement Of Work     Evaluation Criteria	
3	Project Team has established standards for procurement management on project and integrated with Agency processes.	<ul><li>4. Cost Benefit Analysis</li><li>5. Make/Buy Decisions</li></ul>	
4	Project Team has leverage procurement management best practices such as make/buy decisions for the agency and project. Project procurement practices are integrated with project management mechanisms.		
5	Project Team has instituted on-going process improvements focus on procurement efficiency and effective metrics.		