

Project Proposal for Revising GUID 5300 on Information Technology Audit

October 16, 2017

This form is to be used to stand as a record of the proposal from the project team.

PART A: PROJECT IDENTITY

Description	Information
Project number and title as per SDP	2.8. Consolidating and aligning guidance on IT Audit with ISSAIs 100, 200, 300 and 400.
Working title (s) for the new pronouncement (s)	Creation of GUID 5300: Guidelines on Information Technology Audit in support of Financial, Performance, and Compliance Audits.
Project Aim	<p>The aim of the project is to consolidate existing guidance material document formerly named ISSAI 5300 on “Guidelines on Information Technology Audit” and other source documents relevant to the subject in line with the INTOSAI Framework for Professional Pronouncements (IFPP) by the due deadline.</p> <p>The former ISSAI 5300, with detailed sections on macro- and micro-level planning of IT Audits, and distinct ‘Requirements’ portions, gave an impression that IT Audit was a distinct type of audit. While the content of the former ISSAI 5300 would be preserved largely, the proposed update would aim to define, elaborate, and harmonize how Information Technology (IT) Audits relate to and support Financial, Performance, and Compliance Audits, highlighting the linkages with the higher level ISSAIs related to the three types of audit.</p> <p>Furthermore, the GUID will also incorporate, as an Annexure, suggested audit objectives and criteria that could be relied upon in an IT Audit.</p>

Project Objectives	<ol style="list-style-type: none"> 1. Providing an overarching GUID within the IFPP on IT Audit, in alignment with ISSAI 100, 200, 300 and 400. 2. Providing a platform for future GUIDs in the 5301-5399 series on specific subject matter related to IT Audit.
Project Duration	10.10.2017 to 30.09.2019 (~24 months)
Name of the lead WG	INTOSAI Working Group on IT Audit (WGITA)

Key contacts	Name	Surname	Address	Email	Office Phone	Business	Organization
Project Group lead	SAURABH	NARAIN	Office of Accountant General (E&RS Audit) Uttar Pradesh, TC-35 V-1, Vibhuti Khand Gomti Nagar, Lucknow 226010 (INDIA)	narainS@cag.gov.in	+91-522-2722112	+91-9412055623	SAI INDIA
Contact person for the goal chair	K S	SUBRAMANIAN	Director General (International Relations), Office of the Comptroller and Auditor General of India, 9 Deen Dayal Upadhyaya Marg, New Delhi- 110124 (INDIA)	subramanianKS@cag.gov.in	+91-23237822	+91-7053030000	SAI INDIA
FIPP Liaison	EINAR	GORRISSSEN	Director General, IDI Oslo Norway	einar.gorrissen@idi.no			
Other anticipated project team members (SAI India	1.Kartikaye Mathur					
		2.Deepak Raghu					
		3.Sreeraj Ashok					
	SAI Australia	1.Jane Meade					

2 Please give detailed explanations in the right-hand column or provide references to annexed supporting material

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list of names and organisations)		2.Dale Stoddart
	SAI Poland	1.Pawel Banaś
	SAI USA	1.Madhav S Panwar
	SAI Russia	1.Olga Pankova
		2.Marina Mazykina
FIPP LO	1.Einar Gørrissen	

PART B: PROJECT MILESTONES

Stage		Due process milestones			
1.	Project proposal	Start Date	End Date	Expected Time in total	Comments
		10.10.2017	30.11.2017	50 Days	
N. B Allow three months between and date of stage 1 and start date of stage 2 for FIPP approval of the project proposal					
2.	Exposure draft	Start Date	End Date	Expected Time in Total	Comments
		01.03.2018	31.07.2018	5 months	
	N. B Allow three months between and date above and start date below for FIPP approval of the exposure draft				
	Exposure period	Start Date	End Date	Time in Total (not negotiable)	Comments
	01.11.2018	31.01.2019	90 Days		

3.	Endorsement Version	Start Date	End Date	Expected Time in Total	Comments
		- 01.02.2019	30.04.2019	3 months	
		N. B Allow three months between end date of stage 3 and start date of stage 4 for FIPP approval of the project proposal			
4.	Final pronouncement, including translation into all official INTOSAI languages*	Start Date	End Date	Expected Time in Total	Comments
		01.08.2019	15.09.2019	45 days	
		*“ Unless other mechanisms have been established, the Working Group is responsible for translation of the approved endorsement version into the five official languages.”(Due Process, page9). Time must be allowed to obtain the required translations of the endorsement version (s).			

PART C: INITIAL ASSESSMENT AND PROJECT PROPOSAL

N ^o	Initial assessment- Matters to be covered (Due Process, Pages 6 and 7) ²	
C.1.	<p>Explanation of the need for the project</p> <p>Explanation of the purpose of the project</p>	<p>GUID 5300 (Former ISSAI 5300) needs to be revised in order to ensure its alignment with ISSAI 100, 200, 300 and 400. The exercise has to be carried out preserving the existing guidance material contained in the former ISSAI 5300 within the INTOSAI Framework for Professional Pronouncements (IFPP) by the due deadline (2019).</p> <p>The revised GUID would provide guidance on the subject matter of IT and application of financial, compliance and performance audit ISSAIs to different aspects of this subject matter. It will act as a bridge between the higher level ISSAIs and the detailed practitioner level guidance on IT Audit as contained in the WGITA-IDI IT Audit Handbook and other WGITA/IDI guidance material available on the subject</p>

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C.2.	Description of the categories of auditing or other engagements that will be covered by the new pronouncement (s)	<p>Supreme Audit Institutions (SAIs) are mandated to audit the Government and their entities as per their respective audit mandate. The continuous development of Information and Communication Technology (ICT) has made it possible for audited entities to capture, store, process and deliver information electronically. This transition to electronic processing has triggered a significant change in the environment in which SAIs work. Therefore, it becomes imperative for SAI to develop appropriate capacity to conduct IT Audits.</p> <p>IT Audit is a broad term that pervades all the three recognized types of Audit that can be carried out in an IT environment. These are Financial Audits (to assess the correctness and compliance to other assertions of an organization’s financial statements); Compliance Audits (evaluation of internal controls); and Performance Audits (to assess whether the IT Systems meet the needs of the users and do not subject the entity to unnecessary risk)</p> <p>In other words, the basic premises on which GUID 5300 will be based is that the IT Audits consist of examination and review of IT systems and related controls to gain assurance or identify violations of the principles of legality, efficiency, economy and effectiveness of the IT system and related controls.</p>
C.3.	Description of different types of SAIs/audit engagements that must be accommodated in the new pronouncement	<p>INTOSAI WGITA recognizes the different levels of maturity of Information Systems in the government sector, and audit of such Systems as practiced by different SAIs. The GUID will therefore attempt to address concerns of SAIs at both the ends of spectrum of technological differential in terms of Information Systems Audits being undertaken by various SAIs subject to their respective mandates as warranted by the individual statutes. Therefore, the application of the revised GUID (former ISSAI 5300) will have to be carefully evaluated by each SAI in terms of its own Statute and mandate, as derived from both law and practice(s).</p>

		The proposed GUID would cover basic principles involved in IT audit in the respective Public Sectors of the member countries. Developmental Process will ensure that the basic issues inherent in IT Audit are appropriately linked to the different types of audit conducted by SAIs-viz. Financial Audits, Performance Audits and Compliance Audits.
C.4.	Challenges, if any foreseen, that would have to be managed by SAIs in implementing the new pronouncements	One of the foremost challenges would be the aspect of Capacity Building in the SAIs in equipping the audit teams in terms of Human Resources of required technical exposure and expertise, technology awareness, and the ability to evaluate information systems adopted by the audited entities.
C.5.	Explanation of how consistency with ISSAI 100, other existing ISSAIs and other professional pronouncements(s) will be ensured	Revised GUID 5300 will be consistent with ISSAI 100, 200, 300 and 400.
C.6.	Explanation of the extent to which it will be possible and desirable to build on pronouncements from other internationally recognized, regional or national standard-setters and, if so, the extent to which supplementary pronouncements are	<p>Revised GUID (former ISSAI 5300) will draw upon the existing international and national Standards (such as ISACA), guidelines and frameworks (such as COBIT), and material related to IT audit during the developmental process. ISSAI 100 and other relevant ISSAIs viz. ISSAI 200, 300 and 400 would be referred to ensure alignment with the FIPP framework. The Project Team will also consult material contained in other relevant GUIDs such as GUID 5450, and other guidance for incorporation.</p> <p>Revised GUID will also provide a platform for future GUIDs in the 5300-5399 series, on specific subject matter related to IT Audit, as it is intended to be the overarching, general principles GUID on IT Audit.</p>

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	needed to provide clarity on new pronouncement	
N ⁰	Project Proposal- Matters to be covered (Due Process, page7)²	
C.7.	Explanation of organization of the project describing how project group members will be drawn from relevant sub committees/ working groups/ other interested parties	Project Team members are drawn from the INTOSAI WGITA membership. We will engage with various sub-committees of the PSC appropriately.
C.8.	Explanation of the outcome of the project specifying how existing professional pronouncements may be affected.	<p>Updated GUID (former ISSAI 5300) will be consistent with ISSAI 100 (and ISSAIs 200, 300 and 400 where applicable). The revision of the GUID will necessitate alignment with the ongoing WGITA Project for revising the former ISSAI 5310, so that the same is also aligned with the updated GUID 5300.</p> <p>The GUID will be developed largely based on the structure of ISSAI 100 and its application to the specific subject matter of IT.</p> <p>Following is the tentative outline for the updated pronouncement -</p> <ul style="list-style-type: none"> ➤ Framework for IT Audit <ul style="list-style-type: none"> ○ Definitions and Fundamentals of IT Audit ○ Mandate, etc.

		<ul style="list-style-type: none"> ➤ Emerging trends in IT (brief overview of focus areas and new trends) ➤ Applying general principles of public sector audit to IT ➤ Practical issues that SAIs may face while auditing in IT environment ➤ How IT Audit is related to the three types of Audit; ➤ Capacity of SAIs ➤ Any other practical issues that SAIs may come up against ➤ Major Themes (as derived from ISSAI 100 with emphasis on IT as a specific subject matter): <ul style="list-style-type: none"> ➤ Explanation of IT Audits ➤ Outlining the IT Audit Process ➤ Describing risk analysis approach for conducting IT Audits ➤ Identifying/ enumerating the techniques specific to conducting IT Audits ➤ Identifying/ enumerating the tools specific to conducting IT Audits. ➤ Specify documentation requirements. ➤ Outline the reporting mechanism in IT Audits ➤ Follow up of IT Audits
C.9.	<p>Explain the quality processes that will be applied in the drafting process (see Due Process, page 7 and 8) along with the parties that the project group will consult and engage with.</p>	<p>The work will be carried out according to the Due Process. The quality process will cover the following:</p> <ol style="list-style-type: none"> 1. The Project Team will function on the principle of continuous internal peer review of its products and mutual consultations. For this purpose, specific areas would be assigned to each Project Team member for specific inputs before initial drafting is taken up. These inputs will form the basis for drafting of Exposure Draft of the GUID. The Project Team will also review the existing material in the former ISSAI 5300 to identify all possible amendments and enhancements that need to be incorporated in the initial draft that would be taken up for discussions. 2. The Project Team would have a two-stage internal peer review system. In stage I, the SAI India sub Team would deliberate upon the deliverables, and the inputs received from Subject Matter Experts from amongst the Project Team members (refer para 1), and draft a preliminary document for discussions. This discussion draft would be deliberated upon by the Project Team through exchange of emails in order to arrive at a mutually agreed draft. In stage II, the entire Project Team will engage through exchange of emails, tele-conferences, videoconferences and physical face-to-face meetings (if deemed required) for detailed deliberations and review of deliverables. These discussions would aim to flesh out the GUID. These interactions will follow

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		<p>a mutually agreed upon agenda circulated amongst the Project Team well in advance. The designated Subject Matter experts would lead these interactions for their respective areas.</p> <ol style="list-style-type: none"> 3. While drafting, the Drafting Guidelines issued by the FIPP would be followed. Further, the Project Team will ensure consistency with ISSAI 100 and other relevant ISSAIs viz. ISSAI 200, 300 and 400. Other relevant GUIDs such as GUID 5450 would also be referred to for incorporation of relevant guidance material. 4. Once the Project Team finalizes its deliverables, the same would be reviewed by the FIPP, before they are circulated amongst the larger INTOSAI Community for comments and suggestions. This would enable auditors from different national settings to apply the pronouncement in their environment and determine universal applicability of the GUID. 5. The Exposure draft will be posted on the www.issai.org for 90 days for comments and suggestions from INTOSAI community and other interested stakeholders. 6. Final output i.e. the Endorsement Version of GUID, after approval by the FIPP, would be hosted on the INTOSAI web site. 7. The GUID will be put through a language review by an expert before the final adoption by the INCOSAI.
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PART D: AUTHORITIES

PERSON	NAME	SURNAME	DATE	SIGNATURE
PROJECT LEADER	SAURABH	NARAIN		
RESPONSIBLE GOAL CHAIR	RAJIV	MEHRISHI		