SUPPLY, DELIVERY, INSTALLATION INTO OPERATIONAL STATE, AND MAINTENANCE OF AN INVESTMENT MANAGEMENT SYSTEM (IMS)
ANNEX "A"

PART I. RESPONSES TO QUERIES SUBMITTED BY TOTAL INFORMATION MANAGEMENT (TIM), 3I INFOTECH (3II) AND CREDENCE (FRITZ & MACZIOL ASIA) DATED SEPTEMBER 18, 2019

	QUERY	TWG RESPONSE
A.	**TOTAL INFORMATION MANAGEMENT AND 3I INFOTECH** We would like to humbly and sincerely request for Social Security System to consider extending the submission by additional 8 working days to 11th October 2019. We anticipate that all the legal apostilled documents will arrive in Philippines by next and we would need atleast a week to process the Tax Clearance and PhilGEPS Certification.	We are unable to grant this second request for extension of the deadline for submission, from September 30, 2019 to October 11, 2019, due to time constraints. Granting such additional period may result in our failure to complete the procurement process.
B.	**TOTAL INFORMATION MANAGEMENT AND 3I INFOTECH** We have an additional query on the Infrastructure / Hardware requirement: 1. Will SSS Provide for the Oracle Database Licenses which will be needed for our application to run	The IMS supplier will provide Oracle Database license for the first year of implementation. SSS will be responsible for the annual renewal.
	2. From 3 Servers of pg. 62 BID DOCUMENTS, it will be changed to 2 based on the pg. 15 of ANNEX_A? Can we have 3 servers as mentioned in the original bid document?	The servers in the original bid documents was superseded in Part III, Item No. 4 (Annex A-2) of Bid Bulletin issued on September 10, 2019. The two (2) servers will be installed each in the SSS Main Data Center and Data Recovery Center. Each server will be virtualized for Application, Database, DEV / UAT Server. Please take note that we require a server node to be mounted in the bay of our existing 2U rack-mount cabinet.
	3. The peripherals of the desktops such as mouse, keyboard, monitor, and OS (pg. 65 Bid Documents) was removed from the (pg. 16 onwards – ANNEX_A. Can you advise will this be provided by SSS?	The components for Monitor, Video Interface, Mouse, Keyboard and Operating System were inadvertently omitted in the more recent documents issued—Bid Bulletin 1, Annex "A", pages 18 and 21. However, as you noted these items were already included/ indicated in the following portions and corresponding pages of the Bid Documents issued:

QUERY	TWG RESPONSE
	(i) Section VII of the Technical Specifications, contained in page 59 (58-59) (ii) Acceptance Criteria, contained in pages 112 (111-112) Peripherals will be provided by the supplier. For the specification of the peripherals refer to Annex A-1 and A-2. Clarification on the **HARDRIVE: 512GB SSD**
4. Based on pg. 18 of ANNEX_A, can we propose 2 servers for Prod and 2 servers for DR?, or can we have virtualization for each servers?	We require a node to be mounted in our existing rack-mount cabinet. It is better to provide one node each for Production and Disaster Recovery Center.

C.

QUERY	TWG RESPONSE
MILES SOFTWARE SOLUTION Request for Query Clarifications	Note that some of the items solicit confidential information, which will only be disclosed to the winning bidder, subject to Non-Disclosure Agreement (NDA). However, for the following items, please find the Technical Working Group's (TWG) corresponding responses.

Part 1: Functional Clarifications

	QUERY	TWG RESPONSE
1.	**Reference / Sections:** Section 7: Technical Specifications>>>4: Functional Requirements>>>A. Front Office Equities-Research & Portfolio mgt>>>2. Stock Assignment **Clarification Required:** Can you confirm whether the inputs from the worksheets will be limited to --> Orders	-
2.	**Reference / Sections:** Section 7: Technical Specification>>>4: Functional Requirements>>>B. Front Office Equities-Trading>>>1. Order Routing **Clarification Required:** Do you want to extend the IMS to the broker? If yes, how will the user management and access rights will be provided to external brokers / users?	No. We require a separate web portal.
	Please mention in case you require a separate web portal which shall be hosted at SSS for external viewing only.	Yes.

QUERY	TWG RESPONSE
3. **Reference / Sections:** Section 7: Technical Specifications>>>4: Functional Requirements>>E. Middle Office>> Performance Monitoring>> 2: Trading Participants Maintenance and Evaluation **Clarification Required:** How do you score the brokers' performance?	Yes. We score objectively.
	Is it a subjective scoring or an objective one?	-
	Do you require only data capture in the system and the score will be calculated outside the system?	Scores will be calculated inside the system.
	If its based on a particular formula or mechanism, please share the same.	-
4. **Reference / Sections:** Section 7: Technical Specification>>>4: Functional Requirements>>E. Middle Office>> Performance Monitoring>> Trading Participants Evaluation **Clarification Required:** How do you measure Arrange-Dealers performance?	-
	Is the arranger – dealer scoring subjective or an objective process?	-
	How will you arrive at the banks performance based on the ratios?	-
	Is the performance monitoring subjective or an objective process?	-
	If its based on a particular formula or mechanism, please share the same.	-
5. **Reference / Sections:** Section 7: Technical Specification>>>4: Functional Requirements>> F. Back Office>> Investment accounting and admin>> Section 4- Financial recording and reporting	

		QUERY	TWG RESPONSE
		Clarification Required: What do you mean SSS shares? Is it no. of shared SSS is holding for an entity?	Yes.
		Is it share holding pattern of the company?	-
		Do you require this report from IMS or you will refer the data from IMS and generate this report externally?	Yes.
6.		**Reference / Sections:** Section 7: Technical Specifications>>>4: Functional Requirements>>C. Front Office - Corporate Bonds - Primary >> Trading>> Issuer Credit Scoring	
		Clarification Required: Is this related to credit scoring of the issuer?	-
		If yes, would you want to do this from the system or you will take the credit score from your credit risk team and update the same as internal rating of the issuer in the system?	-
7.		**Reference / Sections:** Section 7: Technical Specifications>>>4: Functional Requirements>>C. Front Office - Corporate Bonds - Primary >> Trading>> Issuer Credit Scoring	
		Clarification Required: Why do you want to score the issuers from the IMS system as a lot of data points related to the issuer will be externally available?	-
		If yes, what's the formula / mechanism to compute the credit score.	-
		Is the credit scoring periodic? Do you want to maintain entire history of Credit Scoring?	-
8.		**Reference / Sections:** Section 7: Technical Specifications>>>4: Functional Requirements>>C. Front Office Equities-Research and Portfolio Management>> Research>> Fundamental analysis	

		QUERY	TWG RESPONSE
		Clarification Required: Would you want the fundamental analysis to be a manual input process in the IMS or you would just need a reference of the same via a file link?	Both.
		Do you have a research desk and a separate system to maintain the research reports, recommendations, etc.?	Yes.
	9.	**Reference / Sections:** Section 7: Technical Specifications>>>4: Functional Requirements>>C. Front Office Equities-Research and Portfolio Management>> Portfolio Management>> Portfolio Optimization	
		Clarification Required: Do you have a research desk and a separate system to maintain research reports, recommendations, etc.?	Yes.
		Why do you require manual entry of recommendations and research in the IMS?	-
	10.	**Reference / Sections:** Section 7: Technical Specification>>>4: Functional Requirements>>E. Middle Office>> Risk Management>> Liquidity Risk Management	
		Clarification Required: Do you want to perform liquidity stress by viewing the surplus / deficit cash based on simulation of the cashflows?	-
Part 2: General Queries for Business Operations & Volumes			
	1.	No. of users: / Please mention the expected number of names /concurrent users who shall be using the System. Can you provide a breakdown of users in each department-viz. Front Office: Mid Office: Back Office: IT: Others, please specify:	-

		QUERY		TWG RESPONSE
2.	AUM:	Please mention the approximate size of AUM across various funds / Portfolios	-
3.	No of funds / Portfolios:	Please mention the approximate number of funds / strategies that are managed by SSS	-
4.	Transaction Volume	Please mention the Average No. of Transactions 1. Per Day 2. Per Year 3. Expected increase in the transaction volume in future	-
5.	Transaction Volume	Please mention whether SSS would want to opt for historical data migration or migration based on opening balance basis. For historical data migration – please indicate the number of portfolios and number of years for which the data needs to be migrated	- -
6.	Transaction Volume	Please advise us on the legacy system being currently used for similar requirement.	-
Part 3: Section VII. Technical Specifications Clarifications				
1.	**Reference / Sections:** Section 7: Technical Specifications>>>Hardware Technical Specifications>> SERVER **Clarification Required:** Can we propose additional server(s) to handle SIT, UAT and Data Migration? These are integral components in our hardware implementation.			You may provide servers that will handle SIT, UAT and Data Migration during development. Please take note, however, that what we require for Main Data Center and Recovery Center is one node each of virtualized for Application, Database, and DEV /UAT Servers to be mounted in our existing 2U Rack-mount cabinet.
2.	**Reference / Sections:** Section 7: Technical Specifications>>> Hardware Technical Specifications>> SERVER>>> 1.4			

QUERY	TWG RESPONSE
Clarification Required: Can we propose external DVD-ROMs and LTO-6 Drives?.	No need for these peripherals.

		QUERY	TWG RESPONSE
3.		**Reference / Sections:** Section 7: Technical Specifications>>>Hardware Technical Specifications>> FEATURES>>> 2.6 **Clarification Required:** The proposed MoneyWare solution will run on Microsoft Windows Server OS environment, the dynamic component deallocation feature is not applicable to the Windows Server environment. We would like to clarify if this feature is mandatory?	As mentioned in the Bid Bulletin, the required Operating System is Windows Server 2019 for 16 Cores and Lenovo XClarity. The dynamic component deallocation feature is no longer required.

Hardware Technical Specifications

ITEM	SPECIFICATION		STATEMENT OF COMPLIANCE
1	**HARDWARE TECHNICAL SPECIFICATIONS**		
B	**DESKTOP COMPUTERS/WORKSTATIONS (30 units)**		
B.9	MONITOR:	At least 23" Wide LED,1920X1080, DVI or HDMI or Display Port *(must be the same brand with CPU)*	
B.10	VIDEO INTERFACE:	DVI or HDMI or Display Port	
B.11	MOUSE:	USB Optical Wheel Mouse with Mouse Pad *(must be the same brand with CPU)*	
B.12	KEYBOARD:	USB QWERTY – 104 Keys *(must be the same brand with CPU)*	
B.13	OPERATING SYSTEM:	- WINDOWS 10 Professional (64-bit) OS - Must be Original Equipment Manufacturer (OEM) License - Proposed hardware must have a certification from the manufacturer stating the hardware can run WINDOWS 10 Professional (64-bit) OS	

ITEM	SPECIFICATION		ACCEPTANCE CHECKLIST
1	**HARDWARE TECHNICAL SPECIFICATIONS**		
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