**SAP G-Invoicing Solution Validation – Scope/Functional Focus 10/15/2020 Consolidated Comments**

**GT&C**

1. Will the Status pull for the GT&C be configurable? We only want to pull statuses that are ready to be used in SAP. USDA => can be done
2. Pull all status’s for GT&C into the HUB but would not want these to interface into SAP to create transactions until fully approved.  The HUB should allow for the data to be filtered by status. DOI, NASA => correct, GT&C status validation for ECC transactions (e.g PR) are planned
3. Can the loading of the Attachments be configurable? We may not want the same Attachment in two different systems. USDA => how would that configuration play out?
4. Will the GTC referencing follow on the documents? Will the GTC be stored on the actual PR, PO and SO or will it be called when the document is viewed? Will it be Dynamically or Statically stored? We may have issues for validation if the information is on the document and not stored in a validation table of some sort. USDA => Could you detail, what the issues would be with a static storing of GT&C # in the e.g. SO?
5. Further clarification is needed on TAS/BETC and Org Groups USDA
   1. This may need to be explained by Treasury
6. How will GT&C documents be stored on the HUB? Will changes be overwritten so only the most recent document will be available for view, or will a new record be written for each change and stored? => plan to keep records of the changes too.

**Process Flow: Billing Document (Buyer Initiated Order “Happy Path”)**

1. Request a process flow for when the constructive receipt date is reached (buyer acceptance date reaches the constructive receipt date.) USDA => Good Point
2. NASA utilizes 3 Way Match for the majority of their POs.  These POs can be 3 Way Match based on goods received at the Dock and/or receipt of services.  Therefore, we require additional information regarding performance component of the solution to ensure the integrity and compliance with accounting standards for our financial statements. NASA => Revisit after updated flow review
3. On the seller side, what will be the mechanism that will trigger the billing document-expenses? Will there be a manual option as well? CPB => overall, the flow is not hard wired, but can be configured (we provide template only). What would the manual option require in this case?
4. Will GR/SES update an AP invoice creation be automatic upon performance acceptance? Question: Does the acceptance occur in the SAP/HUB or SAP/ERP? CPB/ IRS => see updated flow. Acceptance occurs in ECC. Exception would be a 0 Acceptance, which is currently planned out of the Hub.
5. Will there be customizable workflow capability? We have a need for multiple tiers of acceptance. CBP => various workflow triggers will be available, e.g. for incoming documents or constructive days warnings
6. Please confirm: Acceptance of service will trigger IPACs which systemically flow into SAP? CBP => see updated flow 3 way match
7. Request the GT&C and the G-Invoicing Order Number be fields that are populated on the PR/PO/SO. DOI => on the PR too?
8. During the brokering process, a data call is needed to G-Invoicing to get the most up to date information i.e., GT&C Status, TAS/BETC, Org Groups, etc.
9. How will Orders be stored on the HUB? Will changes be overwritten so only the most recent document will be available for view, or will a new record be written for each change and stored? DOI => changes will be captured
10. PPS was not in the presented scope for the SAP G-INV HUB, Will the agencies that do use this application need to design and build for this process internally? IRS => yes

**Process Flow Variant: PO initiated process with Buyer Initiated Order (BIO)**

1. Third option to trigger a new order when meeting with the Civilian agencies (PO without financial update (PO shell)) – could that be considered within the solution? NASA =>
2. Sales order to internal order/TPMA relationship. How can we deal with multiple internal orders on one agreement? Use of line-items? Would SAP establish those multiple line-item SO automatically based on the agreement setup? CBP => Trading Partner Main Account (TPMA)? There is a 1:1 relation between Sales Order and GINV Order. But if you create one SO for several internal orders, that will work. Creation of such SO would be part of implementation

**Process Flow Variant: Seller initiated order (SIO)**

1. USDA, DOI will not use the process of Seller Initiated Orders as the Seller, but we will need to receive SIO from other agencies such as GSA. Will SIO functionality be configurable so it is not used from a Seller perspective? => yes
2. Populate the Order Originating Flag on the PR/PO/SO. DOI => Can you elaborate?

**Process Variant: Order modification: new PO lines added via PR**

1. How will SAP determine what changes to the PO are going to drive transactions into the HUB? PO creation is a given; but, what about administrative changes, amendments, changes to amounts, changes to accounting, etc. This would apply to the SO as well. **(SAP: Rule for modifications will need to be integrated to determine if it can automatically flow or not. The details around these rules have not been defined yet.)**
2. Request process flow using a PO instead of PR for a modification. USDA
3. Additional scenario: PR held until all the issues are worked out, and only flow to the PO once the Seller accepts. Instead of tying the modification to the PO Line, it could be tied to the PR referencing an existing G-Invoicing Order. NASA
4. SAP suggesting that PR has new lines created to modify, instead of our design to modify existing PR rows. Need more than version number. For example: date, time stamp and version changes. IRS

**Process Variant: Performance: Advance for FOB Source**

1. Request revision of this process flow, since only the Seller initiates the advance.
2. When the performance is “delivered” there is no IPAC Settlement, this is the drawdown of the advance payment.
3. Will the solution support advance repayment at the end of an agreement? CBP

**Additional Questions/Concerns/Open Points**

1. Would like to know more about the triggers identified in the process flows. For any process/step, are they manual triggers? Are they automatic? Will this be covered as part of the IT Focused meeting on 10/22? IRS
2. Request process flow details to validate what is being developed and delivered. IRS
3. With regards to the HUB, please explain how 1000s of transactions will be displayed. Also, how will the HUB operate when there are a multitude of transactions. This process will need to be streamlined and defined to be able to handle 1000s of transactions at a time. USDA
4. How will user security within in the HUB be controlled? Please explain the different roles, (i.e. power rolls, user roles, admin roles, etc. How will security control the ability to see other agency organizational data? USDA
5. In general, how will E-authentication access be able to be integrated into the Solution to include the HUB access? USDA
6. How will the solution allow users to control those transactions that flow to G-invoicing and those that do not need to flow to G-Invoicing? USDA **(SAP: Rule for modifications will need to be integrated to determine if it can automatically flow or not. The details around these rules have not been defined yet.)**
7. From an IPAC settlement standpoint, will the G-invoicing generated IPAC settlements be loaded into the standard SAP table for IPAC transactions? USDA
8. Is there a list of the G-Invoicing fields that are planned as updates to transactions and tables? DOI
9. G-Invoicing at Treasury is quantity based; at most of the agencies we use value-based; will this transformation occur in the HUB? DOI
10. When will validations be discussed? DOI
11. Need for customization of the HUB workflow.  This seems to be the place where we can achieve full automation. CBP
12. TAS/fund cancellations. Will there by a canceled year appropriation process? CBP
13. All agencies would like more information on deferred payments/accruals. Will this be an additional discussion once SAP has the determined the solution?
14. The G-Invoicing documents indicate that G-Invoicing objects can be maintained manually or automatically, but not both. Details on how this is will work. IRS
15. On the Product Build Timeline, Can you clarify what is included in the Testing Window August – November 2021? Will Agencies be able to participate in testing or only during the Customer Testing Window 11/17 - 11/20? DOI