❖ **PUBLICATION REF: MOTRI/EDF-11/TFP/2022/05**

Bidder Question 1: The remote management system mentioned in the RFP is specific to Dell. Can we use an equivalent solution for it, or do you need Dell servers?"

The clarification of the technical team,

➢ The remote management system specification was prepared as we want, so it is not recommended to make it vendor specific.

Bidder Question 2: Please refer to page 51 of 130 in the bid document for Lot 1 and page 54 of 130 for Lot 2. Under the technical table, it is specified that the form factor of the given servers should be 3U, hence, according to the required specs, a 2U rack can fulfill your requirement, so we are asking for a clarification if we could use a 2U rack (rack mountable).

The clarification of the technical team,

➢ The form factor of servers in specification is 3U since the specification is correct; it is not accepted to change into 2U form factor.

Bidder Question 3. Clarification regarding the Oracle service bus, which is to get the detail of integration requirement to do the implementation of the service bus.

The clarification of the technical team concerning the oracle service bus integration is attached below.

Integration Purpose / Function brief	Source System	Target System	Target /Source System custom Y/N	Source(Custom) Developed Technology	Target(Custom) Developed Techology	Complexity (1-5 with 5 as most complex)	Method of integration ? (JDBC, ODBC, SQL*Net, DBLink, FTP, HTTP/HTTPS, SNMP, XML/SOAP)	Real-time (continual connection) or Batch (timed or interval connection)	Additional information details
The Ministry of Trade (MOT) runs a Business License registration and renewal system. All traders (importers, exporters, freight forwards, clearing agents, transporter and other actors in the international trade) need to have a valid and renewed Business License and their information should by sent to ESW	OTRLS	ESW	Yes	.NET	Java Spring	2	REST Protocol: JSON,HTTP/S	Both	
TIN is the unique identification number for companies, CBRAs and users. The master TIN information resides in the Tax Administration System (SIGTAS). ESW correspond with SIGTA to obtain TIN information and additional information already recorded in SIGTAS. ESW and SIGTAS shall have need based interaction to validate TIN submitted at ESW and to retrieve TIN detail.	SIGTAS	ESW	No	Java Spring	Java	2	REST; XML,HTTP/S	Batch	

1) Traders (importers/exporters) send application for EFDA through ESW **2) ESW send the application requst to ERIS system** **3) ERIS Process the application and send the Status to ESW** **4) ESW Notify the traders** **5) ESW updates medicine, device, food and other registered products from eRIS** **6) ESW updates registered suppliers information from eRIS**	ES W & ERI S	ERIS & ESW	Yes	Java Sprin g	Dot Net	5	SOAP,RES T; eBXML,H TTP/S	Both	
1) The ESW shall ensure consistency and synchronization of codes with CMS and exchange codes and reference data in real-time. Tariff is among the most critical codes that would be resides at both ESW and CMS. Some parts of the tariff (tariff code, description and tax rates) would be managed at CMS and transferred to ESW while the regulatory requirement is managed at ESW and transferred to ESW **2) Customs Declarations is made at ESW and transferred to the CMS for validation and processing. Validation result returned to ESW The CMS notifies status updates of the declaration to the trader via ESW** **3) Export transit declaration (IM8) and Truck Manifest (T1) data will be transferred from the CMS to Djibouti Customs via ESW. The Truck Manifest would be shared with ERCA and Federal Transport Authority systems - Cargo Tracking** **4) Customs inspection result- Information about inspections is created in CMS and needs to be made available to the ESW to support coordination of the inspections**	ES W & CM S	ERIS & CMS	Yes	Java Sprin g, Oracl e DB	Java, Java Spring	5	DBLink, MQ	Both	

5) ESW recieve Import transit declaration (IM8) and T1 data from Djibouti Customs and it will be transferred to CMS 6) Approved LPCO will be transferred to CMS 7) ESW receives manifests from air carriers (like from Ethiopian Airlines) and transfer to the CMS									
1) Delinquency in list resides in the NBE system will be transferred and synchronized between the NBE system and ESW monthly 2) Deliquency out list will be updated from NBE to ESW on a daily basis 3) Daily foreign currency list will be updated from NBE to ESW	NBE System	ESW	Yes	Java Spring	.NET	2	SFTP	Batch	
Approved, modified and cancelled Sales Contract Agreement inforamtion resides in ESW system will be transferred ETCA System	ESW System	ETCA System	No	Java Spring	REACT ,Node JS	2	REST,HTTP/S		
1) The bank permit application is made from ESW and forwarded to respective bank 2) Status updates of bank permit process need to be synchronized with the bank's system to update the trader 3) Bank permit information shall also be submitted to ESW by the bank system to be used by other CBRAs. 4) Permit modification and cancelation request should be sent to Bank system from ESW 5) User information should be synchronized between ESW and Bank system	ESW/ Bank Systems	ESW/ Bank Systems	No	Java Spring/Others	Mutliple Technologies	5	SOAP,REST, eBXML, HTTP/S, JSON	BOTH	

Bill and payment details inforamtion forward from ESW to Financial Institutions System up on payment's gateway request. **ESW will receive paid status from the payment gateway.** **ESW need to exchange account transaction information with Financial Institutions Systems**	ESW/Financial Institutions Systems	ESW/Financial Institutions Systems	No	Java Spring/Others	Mutlitple Technologies	5			Both	
The ESW interfaces with the Ethio-telecom SMS service to send SMS notifications	ESW	Ethio-telecom SMS gateway	No	Java Spring		2		REST	Batch	
National ID System Interface will be transferd from NID System to ESW for authentication purpose	NID System	ESW System	Yes	.NET	Java Spring	3		REST,HTTP/S, JSON	Both	
Approved, Modified and Canceled certificate of origin need to sent to Ethiopian chamber of commerce and sectoral association system	ESW	ECCSA System	Yes	Java Spring	.NET	3		REST,HTTP/S, JSON	Batch	
Traders may wish to use their ERP system to process their international trade requirements by interfacing with ESW or ICT companies may develop a client or mobile versions of the ESW, for ease of use, the ESW shall make it possible for third party developers to develop utility tools through interfacing.	ESW/3rd Party Systems	ESW/3rd Party Systems	Any	Java Spring/Others	Java Spring/Others	5		SOAP,REST, eBXML, HTTP/S, JSON	Both	
1) ESW will send approved, modified and cancelled Ethiopian Certficate of Origin LPCOs to COMESA's Certificate of Origin System **2) ESW shall receive approved, modified and cancelled COMESA member states certificate of Origin information from COMESA's system**	ESW/COMESA	ESW/COMESA	Unknow	Java Spring/TBD	Java Spring/TBD	5		TBD	Both	

1) Approved, modified and cancelled ESW LPCOs(Phytosanitory, Health Certificate, . . .) should be sent to KenTrade System 2) Approved, modified, and cancelled KenTrade LPCOs Should be updated to ESW System.	ESW/ KenTrade	ESW/ KenTrade	Unknown	Java Spring/TBD	Java Spring/ TBD	5	TBD	Both	
1) Approved, modified and cancelled ESW LPCOs(Phytosanitory, Health Certificate, . . .) should be sent to KenTrade System 2) Approved, modified, and cancelled KenTrade LPCOs Should be updated to ESW System.	ESW/ Djibouti System	ESW/ KenTrade	Unknown	Java Spring/TBD	Java Spring/ TBD	5	TBD	Both	
1) Selected statistical information should be prensented by TIP from the operational ESW system 2) Tarrif related information should be sent to TIP	ESW	TIP	Yes	Java Spring, Oracle DB	TBD	4	TBD	TBD	