

# COS SYSTEMS

The integrated software applications of COS Systems are designed to automate the entry of commodity requests (Call Forwards), commodity bids, freight bids, and the bid evaluation process. These functions support the USDA's procurement of commodities exported under Foreign Food Aid for Humanitarian Assistance Programs. The applications of COS Systems will modernize the current processes and procedures by electronically integrating business partners and government operations via Internet technology.

Select	Invit No. Assigned	Commodity Request Number	Program	U.S. Port Date	Open Quantity Mt	Destination Country	Status	Process Site
<input type="checkbox"/>		CR-01-00001	TITLE III	04/15/2001	6250	AFGHANISTAN	READY FOR INVITATION - SHORTFALL	EOD
<input type="checkbox"/>		CR-98-00001	TITLE III	01/15/1998	44000	AFGHANISTAN	READY FOR INVITATION	EOD
<input type="checkbox"/>		CR-01-00004	TITLE III	05/10/2001	15000	PERU	READY FOR INVITATION	EOD
<input checked="" type="checkbox"/>	080B	CR-01-00006	TITLE III	05/16/2001	32250	BRAZIL	ON INVITATION	EOD
<input checked="" type="checkbox"/>	080B	CR-01-00007	TITLE III	05/16/2001	7970	SUDAN	ON INVITATION	SPONSOR
<input checked="" type="checkbox"/>	080B	CR-01-00008	TITLE III	05/18/2001	5500	PERU	ON INVITATION	EOD
<input checked="" type="checkbox"/>	080B	CR-01-00009	TITLE III	05/20/2001	4440	YEMEN	ON INVITATION	AID
<input checked="" type="checkbox"/>	080B	CR-01-00010	TITLE III	05/20/2001	3360	KAZAKSTAN	ON INVITATION	EOD
<input checked="" type="checkbox"/>	080B	CR-01-00011	TITLE III	05/25/2001	9890	RUSSIA	ON INVITATION	EOD
<input checked="" type="checkbox"/>	080B	CR-01-00012	TITLE III	05/30/2001	1890	JORDAN	ON INVITATION	EOD

## Features

**Real Time Access:** Real-time access to commodity request, Port and bid information for the USDA, AID, FAS, Program Sponsors, Ocean Carriers, Commodity Vendors, Port Authorities, and Freight Forwarders.

**Validation:** Performs validation of request and bid data reducing errors and preventing incomplete requests and bids from being entered into the system.

**Security:** State of the art web security with Secure Socket Layer protocol and encryption technology.

**Reporting:** Standard reports that provide easy access to commodity request and bid data.

## Scope

COS Systems provides a secure electronic means of entering and receiving commodity requests, port constraints, commodity bids, and ocean freight bids which:

- Will be used to support the procurement and shipment of \$2 Billion of export commodities annually.
- Will be used by more than 80 independent commodity vendors throughout the USA to provide approximately 200 bids per buy.
- Will be used by more than 30 steamship carriers, 25 Program Sponsors, freight forwarders, and 250 ports.
- Will be utilized for monthly purchases as well as supplemental buys.

Delete	Commodity	Consolidated #	Special Requirements
<input type="checkbox"/>	MILLED RICE 50 KG, LONG	845051-1	
	Base Cmty Price (MT)	Min Cmty Qty (MT)	Base Price Qty (MT)
	500.00	50	10000
	Incr #1 Qty (MT)	Incr #1 Price (MT)	Incr #2 Qty (MT)
	5000	5.00	5000
			15.00

Add	Port	Price (MT)	Delete	Port	Price (MT)	Delete	Port	Price (MT)
<input type="checkbox"/>	Gulf - BEAU		<input type="checkbox"/>	Gulf - LC	50	<input type="checkbox"/>	Gulf - NO	19.12
<input type="checkbox"/>	West - LA	9.99	<input type="checkbox"/>	West - LB	8.92	<input type="checkbox"/>	West - OAKL	2.34
<input type="checkbox"/>	West - PGH	6.68						

## The web technology utilized in developing COS Systems:

- JAVA / HTML / XML / C / Java Script
- Java Servlets / DB2
- Windows 2000 Server
- WebSphere Studio Application Developer
- Microsoft Visual C++
- WebSphere Application Server

# Business Process

## 1. Commodity Requests are Entered

Program Sponsors, USDA, FAS, and AID users enter commodity requests using the Food Aid Request Entry System (FARES) application. The requests are reviewed and approved by AID and the USDA.

## 2. Program Sponsors Issue Freight Tenders

Freight Tenders are issued and forwarded to AID.

## 3. EOD Creates an Invitation

An invitation to procure commodity and freight transportation is created by USDA/FSA/KCCO/ Export Operations Division and released for bidding using the Export Invitation Preparation System (EIPS) application.

## 4. Ports Enter their Port Capacities

U.S. Load Ports access the Port Entry System (PES) to enter their Port Capacity for the current invitation.

## 5. Commodity Vendors Create Bids

Vendors access the Electronic Bid Entry System (EBES) to create, modify, validate, and submit commodity bids. All bids are encrypted until the bids are opened.

## 6. Steamship Carriers Create Bids

Steamship Carriers access the Freight Bid Entry System (FBES) to create, modify, validate, and submit freight bids. All bids are encrypted until the bids are opened.

## 7. EOD/TMD Opens the Bids

EOD/TMD uses the EBES and FBES applications to open and review bids. They can also request an authorization to change a bid. EOD/TMD can review reports.

## 8. Evaluation Constraints

EOD/TMD uses the Bid Preparation and Evaluation System (BPES) application to enter the constraints and penalties for the evaluation process.

## 9. 1 Step Bid Evaluation

The evaluation determines the lowest combined total cost of commodity plus freight to the foreign destination after applying the applicable constraints and penalties.

## 10. Awards

Commodity Contracts are awarded based on the results of the bid evaluation. Booking Agents confirm bookings with Carriers.

**USDA** **HAPPY STEAMSHIP LINE** **Freight Bid Entry System** 2.2.0 prototype **JACK C ACKERMAN**

Preferences Bid Functions Admin Agent Admin Reports Links

Bid Select Param Price Load Point Delivery Point Volume Audit Change View Bid View Inet

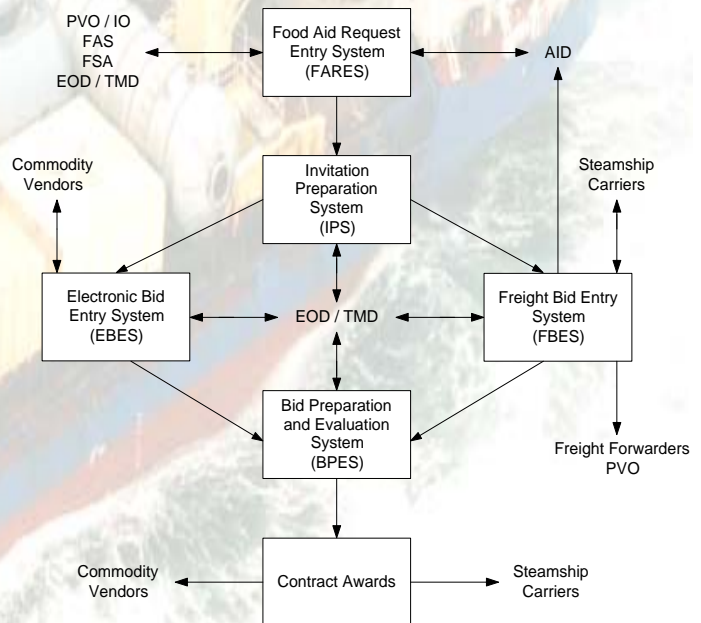
Retrieval Update Validate Submit

Bid Functions/Price

Bid Price Page for Bid 001 -- Invitation 004A And 002

Trade Route: MED BASIN Destination Country / Delivery Point: -- Current Bid Prices --  
-- All Delivery Points --  
MACEDONIA, BAR

Delete	Destination Country, Delivery Point	Commodity	Request Number	Delivery Date	Quantity (MT)
<input type="checkbox"/>	MACEDONIA, BAR	CORN-SOY BLEND, 25 KO HI-P BAG	CR-04-00141	07/01/2004	370
		Foreign Inland Trans			
		Fumigation			
		Bagging			
		Foreign Warehouse			
		Total Other			
		Ocean Cost			
		Total Price / MT			
		10.00			
		12.50			
		22.50			
		127.78			
		150.28			
<input type="checkbox"/>	MACEDONIA, BAR	RICE-CLND, MLD, 24/2 LB BAG	CR-04-00144	07/01/2004	850
		Foreign Inland Trans			
		Fumigation			
		Bagging			
		Foreign Warehouse			
		Total Other			
		Ocean Cost			
		Total Price / MT			
		6.40			
		3.15			
		12.50			
		7.00			
		29.05			
		160.00			
		109.05			
<input type="checkbox"/>	MACEDONIA, BAR	CORNMEAL-DEO VL, 25 KO	CR-04-00144	07/01/2004	50
		Foreign Inland Trans			
		Fumigation			
		Bagging			
		Foreign Warehouse			
		Total Other			
		Ocean Cost			
		Total Price / MT			
		6.00			
		11.50			
		17.50			
		160.00			
		177.50			
<input type="checkbox"/>	MACEDONIA, SKOPJE	LENTILS, 6/4 LB	CR-04-00186	07/01/2004	1,440
		Foreign Inland Trans			
		Fumigation			
		Bagging			
		Foreign Warehouse			
		Total Other			
		Ocean Cost			
		Total Price / MT			
		5.00			
		4.50			
		9.50			
		180.12			
		189.62			
<input type="checkbox"/>	MACEDONIA, SKOPJE	VEGETABLE OIL, 200 L DRUM	CR-04-00186	07/01/2004	160



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