

Project Name	<b>Entegrate Replacement(Allegro)</b>	Asset Corp	AIC	CBS WO Nbr(s)	
		Funding Corp(s)	AMS	Project Need By Date	12/31/2012
BL Sponsor(s)	Scott Glaeser	Tech Arch Review By			
BL Contact	Vonda Seckler	Operations Review By			
IT Contact/Dept	Wendy Brown-IT Dev B&CS	Strat Scrcing Review By	Suraj Prashad	5 YR (Cost)/Benefit (\$000)	\$ (4,449)
Prepared By	Wendy Brown	Date Prepared	03/01/2012	Implementatn Budget (\$000)	\$ 3,000,000

**Project Short Description and Scope Statement**

Allegro v8.0 will replace Entegrate v2.0.5.7.26. Allegro v8.0 will include software, hardware, documentation and support to implement Allegro v8.0. The system will support all gas management activities. Functionality will include interfacing with internal and external trading systems such as ZaiNet, interfacing with pipeline operators and SCADA systems, pipeline nominations, storage management, fees calculation and WACOG. The system will also support the reporting and accounting functions that relate to gas management activities such as gas scheduling, position imbalance reporting and compliance reports.

**Project Goals**

This project will provide Ameren with a Gas Supply System that has a perpetual license, flat maintenance for five years and open technology all of which perpetuate operational excellence. The vendor has a proven reputation for exemplary customer service which has been lacking in the previous/current gas management vendor. In addition, this system will provide Class 2 DR failover capability which our current system architecture is not capable of providing.

**Project Requirements**

The objective of this project is to replace an obsolete Sungard application that has an approaching software license expiration with a Gas Management System that will support all gas management activities including WACOG. This system will automate regulatory compliance and provide a user friendly GUI and opportunities for operational excellence. This project requires that Allegro is in service by 12/31/2012. This project will include class 2 failover capability. This will be a SOX system replacing a SOX system.

**Objectives/Business Case Targets**

Metric/KPI	Project Target for Metric	Target Date
This project will include a functional WACOG	Targets should be specific and measurable.	12/31/2012
This project will include the retirement of Entegrate and EDX	Entegrate and EDX are no longer used	05/03/2013

**Risks if Project Not Implemented**

If an Entegrate replacement product is not implemented, the Gas Supply team will not have a tool to manage natural gas transactions and the related functions. The Entegrate software license will expire in May, 2013 and the current vendor, Sungard Energy Systems does not have an upgrade path available to another gas management product. This project is included in the Forward Test Year Rate Case in Illinois.

**Other Risks****Key Assumptions or Constraints (in order to develop estimates)**

This project assumes that resources will be available to meet their scheduled tasks.

**Alternatives Considered**  Check here if alternative financials are being developed and add a "p2" sheet for each alternative priced.

Demos were conducted in the fall of 2011 by the leading ETRM solution providers and an RFP was issued to the four that potentially met Ameren's requirements. The solution providers included in the RFP included Allegro, Sungard(for their Aligne Gas Operations Product), TriplePoint and Open Access Technology, Inc. Allegro was chosen because it met the largest number of Ameren requirements including the WACOG and was the lowest cost provider.

**Dependencies/Impacts on other Teams/Depts/Initiatives**

This project will require limited participation from the Infrastructure Team, DBA Team, Server Operations Team, Data Security Team and Development Team.

**Preliminary Implementation Plan****IT METHODOLOGY**

Task	Task Description	Target Date
Planning	Planning Deliverables Completed, Signed/Approved, Schedule and Resource Assignment & Allocation	04/30/2012
Design	Design Deliverables Completed	07/31/2012
Build/Test	Build/Test - Build, unit test completed	09/30/2012
System Test	System Test - test plan, test scripts and user acceptance testing completed	11/30/2012
Parallel Test	Parallel Test - parallel testing completed	12/31/2012
Implementation	Implementation - production readiness complete, PAC approval complete, Deployment complete	01/01/2013

**Software Capitalization Guidance:**

(1) Almost all capital projects require some O&M. If details aren't available, allocate 10-20% of your total capital project cost to O&M.

(2) Software selection, training and data conversion are not capitalized.

[Review the Software Capitalization Policy.](#)

Entegrate Replacement(Allegro) Costs	Financial Impact (\$000)										RMC	Estimated by & Notes
	2012		2013		2014		2015		2016			
	Cap	O&M	Cap	O&M	Cap	O&M	Cap	O&M	Cap	O&M		
Labor - Bus Line	125											Gas Supply Team
Labor - IT Development	175											Dev B&CS Team
Labor - IT Operations	3											
Labor - IT Security & Planning	3											DBA & Tech Archs
Labor - Project Mgmt	28											Supv, Appl Dev-B&CS
Consulting Services	1543											Allegro Professional Services \$1.341 for time and materials with an additional 15% for travel
Software Purchases	856											35 user licenses
Annual Software Maint												
Hardware Purchases	-											
Annual Hardware Maint		172		172		172		172		172		20% flat for 5 years with NTE 3% esc in Y6
Training Development												
Training Rollout		47										
Equipment Purchases												
Material Purchases												
Other (describe)												
Cost Subtotal	2733	219	0	172	0	172	0	172	0	172		Sum of all above
Subtotal + 20% Contingency	3280	219	0	172	0	172	0	172	0	172		20% on subtotal - Budget this
AFUDC 4% added to capital costs	131	0	0	0	0	0	0	0	0	0		Allowance for Funds Used During Construction ( CBS adds this loading )
Inter-Company Operation Costs 4% added to capital costs	131	0	0	0	0	0	0	0	0	0		Allowance for Inter company billing on Capital Projects.
<b>Total Costs by Year/Cost Cat</b>	<b>3542</b>	<b>219</b>	<b>0</b>	<b>172</b>	<b>0</b>	<b>172</b>	<b>0</b>	<b>172</b>	<b>0</b>	<b>172</b>		<b>3 Year Cost</b> <b>5 Year Cost</b>
<b>Total Cost by Year</b>		<b>3761</b>		<b>172</b>		<b>172</b>		<b>172</b>		<b>172</b>		<b>\$4,105</b> <b>\$4,449</b>
<i>* Include appropriate AP / Purchasing / Stores loadings in the total cost of any line item.</i>												
Labor - IT Security & Planning												
Employee Expenses												
Consulting Services												
Software Purchases												
Hardware Purchases												
Annual Software Maint		130		130		130		130		130		Avoided Maintenance for Entegrate & EDX
Annual Hardware Maint												
Training Development												
Training Rollout												
Equipment Purchases												
Material Purchases				-								
Other (describe)												
<b>Total Savings by Year/Cost Cat</b>	<b>0</b>	<b>130</b>	<b>0</b>	<b>130</b>	<b>0</b>	<b>130</b>	<b>0</b>	<b>130</b>	<b>0</b>	<b>130</b>		<b>3 Year</b> <b>5 Year Savings</b>
<b>Total Savings by Year</b>		<b>130</b>		<b>130</b>		<b>130</b>		<b>130</b>		<b>130</b>		<b>\$390</b> <b>\$0</b>

3 Yr (Cost)/Benefi	5 Yr (Cost)/Benefit
-\$3,715	\$0

EVA Net Value (If Required)

**Additional Comments/Notes**  
 This business case has been revised to reflect the elimination of hardware costs due to existing infrastructure being leveraged as well as the increase in consulting services to reflect a 15% travel and labor expense line item.