

	Function	Labor	Anticipated Enhancement	Plant	Price		Plant	Price
Task 1	Review all screens with operators			South Cross Bayou	\$	19,800	W.E. Dunn	\$ 16,830
	Conversion of Intouch Legacy Graphics tool	error	OMI application cleared	South Cross Bayou	\$	9,240	W.E. Dunn	\$ 7,854
		Symbol"	Faster performance, less disk space needed	South Cross Bayou	\$	7,920	W.E. Dunn	\$ 6,732
	Convert "Symbol Factory by Richard Software"	Update graphics from "Symbol Factory by Richard Software" to Archestra Graphics		South Cross Bayou	\$	6,600	W.E. Dunn	\$ 5,610
	Convert Legacy trends to trend client Intouch	and field Instruments	Performance, resizeable without pixel distortion Keep the same look and feel for operatorions reading the PLC address	South Cross Bayou	\$	9,240	W.E. Dunn	\$ 7,854
Task 2			Modern attributes are searchable in the object, can be filtered, improve IDE performance, not limited to 64 recommended tags. They also provide more status to the tags to troubleshoot galaxy. Aveva extended support for modern attributes.	South Cross Bayou	\$	7,920	W.E. Dunn	\$ 6,732
	IDE Objects, historize, display alarms and read PLC addresses	Conversion of Legacy objects that contain "Legacy Field Attributes" to modern "Attributes" (process executed outside of operating galaxy)	Operator confidence that system is communicating	South Cross Bayou	\$			
	heavy and hardware limitations for SCADA operation room	resources than improving hardware to deal with more screens	Performance, reuse of the same screen to display more than one process	South Cross Bayou	\$	6,600	W.E. Dunn	\$ 5,610
Task 3	Abandoned screens	Intouch app	Reduce resources of HMI clients	South Cross Bayou	\$	3,960	W.E. Dunn	\$ 3,366
	Abandoned equipment	old screen will ever be replaced and use the same PLC logic as present	Remove objects and tags pointing to abandoned process area	South Cross Bayou	\$	2,640	W.E. Dunn	\$ 2,244
	Duplicated screens	Remove screens and archive	Performance improvement	South Cross Bayou	\$	3,960	W.E. Dunn	\$ 3,366
		template in Archestra for their respective						
	Popups reuse not in use on Intouch tags	Faceplates		South Cross Bayou	\$	2,640	W.E. Dunn	\$ 2,244
		IDE	Performance improvement, Operator confidence replacement, or calibration. Reports wont show drop on analog values, since number is frozed until operation decides to take back online	South Cross Bayou	\$	6,600	W.E. Dunn	\$ 5,610
	Out of service equipment not advised	Add Out of service feature as requested	properly to PLC properly to PLC	South Cross Bayou	\$	2,640	W.E. Dunn	\$ 2,244
Task 4				South Cross Bayou	\$	2,640	W.E. Dunn	\$ 2,244
	not display tooltip or Navigation option to that process	Add "Screen Navigation" and Tool tip as requested or needed	Ability to see detailed information about pertinent area and take action	South Cross Bayou	\$	3,960	W.E. Dunn	\$ 3,366
			warnings	South Cross Bayou	\$	5,280	W.E. Dunn	\$ 4,488
Task 5			Improve operator screen vizualization, improve SCADA graphic performance index (rated from 1 to 5)	South Cross Bayou	\$	5,280	W.E. Dunn	\$ 4,488
	Reports of work performed on SCADA conversion process	Send a report of work completed in the process area	Track of work completed	South Cross Bayou	\$	7,920	W.E. Dunn	\$ 6,732
Sub-Totals					\$	130,680		\$ 111,078

Total Ac \$241,758