



PAIDS REFERENCE		REQUIRED SUBMITTALS	PROJECT PHASES				INPUTS FROM THE REGION
DOCUMENT	SECTION(S)		DESIGN & PROGRAMMING	TESTING (FAT & SAT)	CONSTRUCTION & COMMISSIONING	POST-COMMISSIONING (AS-BUILT)	
Introduction	3	PAIDS Revision Request Form (if required)	✓	✓	✓	✓	-Most current version of PAIDS
	4	PAIDS Compliance Form				✓	-Approvals / signatures on forms as required
	5	Request for Exception Approval Form (if required)	✓	✓	✓	✓	
A- Design Reference and Tagging	3.2	Process Area Number Cross-Reference and detailed breakdown	✓			✓	-Relevant info related to current software versions, software purchasing and licensing, firmware versions, and Region IT contacts
	3.5	PLC tag database	✓				-Assignment of any new facility codes or other programming parameters
	3.6	SCADA tag database	✓				-Review / approval of tag lists
	3.7	Management database tag database	✓				-Licenses for software to be installed on site
B- SCADA	1.7	Modified baseline application	✓	✓	✓	✓	-Peel Baseline SCADA App -Review and approval of displays
	2.4	DRAFT Submission of SCADA Manual During Const./Commiss. SCADA Manual - Hardcopy, 5 copies SCADA Manual - Electronic format, i.e., on CD or comparable media, 5 copies			✓	✓	-A list of topic names configured in the field controller OPC Server corresponding to all field controllers within the scope of work
C-Controller	1.6	Control hardware bill of materials (all PLCs)	✓				-Peel Baseline PLC project
	1.6	Hardware layout (rack layout) for each PLC	✓				
	1.6	Network architecture drawing showing all communication interfaces for all PLCs	✓				
	2.9	All software associated with the controller licensed in Region's name, on original storage media, in original storage packaging			✓	✓	
	2.9	One RSLogix5000 project file for each PLC being programmed (both softcopy data files and hardcopy printouts of the entire program)	✓	✓	✓	✓	
	2.9	A configuration report indicating all configuration parameters for each PLC, including processor, I/O modules, communication cards, etc.	✓				
	2.9	As-built control narratives				✓	
	2.9	As-built I/O lists				✓	
2.9	As-built Network Architecture Drawing				✓		
D- IT	2.11	All associated software, licenses and proof of purchase/license authenticity				✓	-Free issue of hardware (workstations and servers) and associated software licenses (O/S etc.)
	2.8.2	IT hardware and software required documents and drawings including conceptual drawings, construction drawings and as-built drawings for: Top-Level, Plant/Remote Facilities and PLC Network Architectures. In addition, a System Architecture for projects requiring changes to the IT System Infrastructure	✓			✓	-Range of IP addresses to be used in the project -Peel Report Template
	3	List of tags for historical data collection	✓			✓	
	3	List of Reports and definition of data to be included	✓			✓	
	3	Mock Reports	✓			✓	
	3	Final Reports				✓	



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E - I&C Design	1.4	Preliminary Design P&IDs	✓				-Drawing (CAD) standards
	1.4	Final Design P&IDs	✓				
	1.4	Construction Mark-up P&IDs			✓		
	1.4	As-built P&IDs				✓	
	2.5.5	Product Data Sheets	✓				
	2.7	Instrument Loop Drawings	✓			✓	
	2.8	Cable Schedule	✓				
	2.9	Instrument I/O List	✓	✓	✓	✓	
	3.4	List of Panel Numbers	✓				
	3	Panel Bill of Materials	✓				
F - Processes	3	Panel Layout Drawings	✓				-Control narrative template and sample -Review and approval of narratives
	1.3	Completed control narrative document for all processes	✓			✓	
G - Implementation	2.2	Vendor Package Integration / Interface Plan	✓			✓	-PIPm manual for reference -Loop Form -Calibration Form -Access to facility (coordinated by SI/Consultant) -Operations Support (for site work, testing and commissioning) (coordinated by SI/Consultant) -Participate in / witness testing (Panel FAT, Software FAT & SAT) -On-site training facilities
	2.3	Detailed communications memory map	✓	✓		✓	
	3.2	Panel FAT Test Plan		✓			
	3.2	Completed Panel FAT Test Form and Comments Sheets		✓			
	3.9	Deficiencies list		✓	✓	✓	
	3.5.2	FAT Test Plan		✓			
	3.5.2	FAT Test Plan Checklist		✓			
	3.5.2	FAT Test Report		✓			
	3.5.2	FAT Signoff Form		✓			
	3.4	Equipment checkout sheets			✓		
	3.3.1	Instrument Calibration Forms			✓		
	3.3.2	Loop Check Sheets			✓		
	3.6	Network Test Reports		✓			
	3.7	Commissioning Plan			✓		
	3.5.3	SAT Test Plan		✓			
	3.5.3	SAT Test Report		✓			
	3.5.3	SAT Signoff Form		✓			
	4.2	Training Plan			✓		
	4.2	Training documents (as required, includes handouts, guides, manuals, etc.)			✓	✓	