Winnipeg Sewage Treatment Program Integrated Management System





Project and Vendor Site Designs

PG-RC-RF-03

Rev	Prepared by	Reviewed by	Approved by	Date

Project Site Libraries>							\?\\	$\overline{}$	$\overline{}$	_			_		
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		Record Category	Tech Numbering	Numbering Source	*For Paper		**************************************	Z. ÇİNAN	3 Techni	S. Co. Atocurent	act Adul	Ofornati	& Lech	S. Targer	2
Content Type	Template	(system) 190	Doc Code	Code	Filing		Classification (V1)	24	13	47	20	71	11	34	17
Addendum	у	P					4.1	0	0	0	1	0	0	0	0
Agenda	у	Р					1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0	1	1	1	1	1	1	1	1
Approved Contract Change	У	P			у		4.7.5	0	0	0	0	1	0	0	0
Area Manual	,	E+T	AM	E	,		3.0	0	0	1	0	0	0	0	0
Asset Register	У	E	LA	Α			3.0	0	0	1	0	0	0	0	0
Audit Report Award Letter**		P L					1.0, 2.0, 5.0 4.2	0	0	0	0	0	0	0	0
Award recommendation	У	P			у		4.1	0	0	0	1	0	0	0	0
Award report	У	P			у		4.2	0	0	0	1	0	0	0	0
Bid		Р			у		4.1	0	0	0	1	0	0	0	0
Bid Evaluation Bid Opportunity Document	У	P T					4.2 4.1	0	0	0	1	0	0	0	0
Bid Opportunity Document	У	ı					4.1	U	U	U	1	U	U	U	0
							1.0, 2.0, 3.0, 4.0,								
Briefing Note	У	Р					5.0, 6.0, 7.0	1	1	1	1	1	1	1	1
Budget - Capital		P					2.1, 7.0	0	1	0	0	0	0	0	1
Budget - Operating Business Case	V	P P					2.2, 7.0	0	0	0	0	0	0	0	0
Calculations	У	E	CU	Α		\dashv	3.0	0	0	1	0	0	0	0	0
Calibration Checklist	У	P		<u> </u>			4.11.1	0	0	0	0	1	0	0	0
Capital Project TC Estimation report		Р				耳	7.0	0	0	0	0	0	0	0	1
Cash Flow Report		P				4	2.3, 4.6	0	1	0	0	1	0	0	0
Certificate of Acceptance Certificate of Calibration	У	P P			У	\dashv	4.11.6 4.9	0	0	0	0	1	0	0	0
Co. ancate of Cambration		r				\dashv	7.3		-	, J	5	1	0	J	
Certificate of Commissioning Completion	у	Р			У		4.11.3, 7.0	0	0	0	0	1	0	0	1
Certificate of Equipment Delivery (Form 100) Certificate of Equipment Satisfactory	у	Р			у		4.9	0	0	0	0	1	0	0	0
Performance (Form 103)	у	Р			у		4.9	0	0	0	0	1	0	0	0
Certificate of Readiness to Install (Form 101) Certificate of Satisfactory Installation (Form	у	Р			у		4.9	0	0	0	0	1	0	0	0
102) Certificate of Satisfactory Process	у	Р			у		4.9	0	0	0	0	1	0	0	0
Performance (Form 104)	у	Р			у		4.11.2	0	0	0	0	1	0	0	0
Certificate of Substantial Performance	У	P			y		4.11.1	0	0	0	0	1	0	0	0
Certificate of Total Performance	У	Р			У		4.11.1	0	0	0	0	1	0	0	0
Code Analysis		E	CA	Α			3.0	0	0	1	0	0	0	0	0
Commissioning Completion Assurance		P P			У		4.11.3	0	0	0	0	1	0	0	0
Complaints Component TC report		P P					7.0	0	0	0	0	0	0	0	0
Conceptual Design report		E+T	CR	Α			3.3	0	0	1	0	0	0	0	0
Concrete mix design		Р					3.0	0	0	1	0	0	0	0	0
Construction Emergency Response Plan		Р					6.1	0	0	0	0	0	0	1	0
Construction Job Hazard Assessment		P P					6.1	0	0	0	0	0	0	1	0
Construction Lockout/Tagout Procedure Construction Program		P P					3.0	0	0	0	0	0	0	0	0
Construction Review Record		P					4.9	0	0	0	0	1	0	0	0
Construction Safe Work Method Statement		P					6.1	0	0	0	0	0	0	1	0
Construction TC Report Contemplated Change Notice	У	p P					7.0 4.7.4	0	0	0	0	0	0	0	0
Contract**	У	L					4.7.4	0	0	0	1	0	0	0	0
Contract Change Management Record															
Report		Р					4.7	0	0	0	0	1	0	0	0
Contractor Operating and Maintenance		_		_						_					
Manual Contractor Quality Manual/Plan Review		E P	OM	E			3.0 4.0	0	0	0	0	0	0	0	0
Contractor Safety Management Plan		P					6.1	0	0	0	0	0	0	1	0
Contractor Safety Manual		Р					6.1	0	0	0	0	0	0	1	0
Contractor Safety Meeting Record**	У	Р	_				6.1	0	0	0	0	0	0	1	0
Control Table		E P	СТ	Α			3.0	0	0	0	0	0	0	0	0
Correspondence Cost Commitment Report		P P					1.0, 5.0 2.3	0	1	0	0	0	0	0	0
Daily Safety Report		P					6.1	0	0	0	0	0	0	1	0
Data Sheet		E	DS	Α			3.0	0	0	1	0	0	0	0	0
Deficiency List	у	P				\Box	4.11.4	0	0	0	0	1	0	0	0
Design Notes		E	DN	Α Λ		\dashv	3.0	0	0	1	0	0	0	0	0
Design Plan Detailed Design Report		E P	DP DD	A A			3.0	0	0	1	0	0	0	0	0
Disciplinary Action		P	00			_	6.1	0	0	0	0	0	0	1	0
Documents list		E	LD	Α			3.0	0	0	0	0	0	0	0	0
Drawing		D				\Box	3.0	0	0	1	0	0	0	0	0
Drawings list		E	LW	A		\dashv	3.0	0	0	0	0	0	0	0	0
Emergency Operating Procedure Environmental report	У	E+T P	EO	Е		\dashv	3.0	0	0	1	0	0	0	0	0
Estimate		P				\dashv	2.1, 4.7	0	1	0	0	1	0	0	0
Evaluation Visit Report		Р					4.9	0	0	0	0	1	0	0	0
Expediting and Inspection		P					4.9	0	0	0	0	1	0	0	0
Field Instruction Field Level Risk Assessment		P P	1			\dashv	4.7.2 6.1	0	0	0	0	0	0	0	0
Field Level Risk Assessment Field Work Authorization	У	P P			у	\dashv	4.7.2	0	0	0	0	1	0	0	0
Fluids list		E	LF	Α		\exists	3.0	0	0	1	0	0	0	0	0
Forecast Cost Report		Р					2.3, 4.7	0	1	0	0	1	0	0	0
Functional Design Specification		E	FS	Α		_	3.0	0	0	1	0	0	0	0	0
Funding Report		Р					2.1	0	1	0	0	0	0	0	0

Carden from Any or progress			ı												
INTEGRATION ASSESSMENT	Geotechnical Investigation		Р				3.1.2	0	0	1	0	0	0	0	0
P	·														
Michael Section P											_			_	
Marie to Note of Service P	·										_	_			
Impact March Process 150 100 1	Incident Report & Investigation		Р					0	0	0	0	0	0	1	0
Inspect of Actions glant improved feel below in the property of the property o	Infraction Record		Р				6.1	0	0	0	0	0	0	1	0
Imagerica Colore Store	Input /Output list Process Logic Controller		E	10	Α		3.0	0	0	1	0	0	0	0	0
Integration for September 19	Inspection & testing plan		P				4.9	0	0	1	0	0	0	0	0
Important Part Philographics Notice P	Inspection Check Sheet		Р				4.9	0	0	0	0	1	0	0	0
Instruments	Inspection Report	У	Р				5.07	0	0	0	0	1	0	0	0
Instruments	Inspection Test Plan/Checklist Review		Р				4.9	0	0	1	0	0	0	0	0
Improved P			E	Ш	Α		3.0	0		1	0	0		0	0
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Section P							·								
Common	Job Hazard Analysis						6.1	0			_	0		1	0
Colored programs	Letter	У	Р				4.0	0	0	0	0	1	0	0	0
Section S. S. S. S. S. S. S. S	Letter of Intent**	У	L				4.2	0	0	0	1	0	0	0	0
Comment	Letter register		Р				4.0	0	0	0	0	1	0	0	0
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Notices of Meeting Y	Management Plan		Р				1.2	1	0	0	0	0	0	0	0
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Non-Confirmance Report															
Operational Frozentiary February Febru	Newsletter		Р				1.0, 5.4	1	0	0	0	0	1	0	0
Operational Frozentiary February Febru	Non-Conformance Report	٧	Р				·	0	0	0	0	1	0	0	0
Operations From	·			OS	F									_	
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Operation Department Company	•			—		+					_	_			
Content and content Agreement F TO F						\vdash					_	_		_	
Over Expenditure report** Permit - Confined Space P				JH							_	_		_	
Permit - Confined Space	Operations Lockout/Tagout Procedure		E	TO	E		3.0	0	0	1	0	0	0	0	0
Permit - Construction ()	Over Expenditure report**	У	Р			У	2.3	0	1	0	0	0	0	0	0
Permit - Construction ()	Permit	,	Р			 ' 	1.5	1	0	0	0	0	0	0	0
Permit - Construction, Other P						 					_	_		_	
Permit - Crisical Lift	•											_			
Permit - Hout Work P												_			
Permit - Permit Request P						У					_	_			
Permit - Protes Interruption	Permit - Hot Work		P			У	6.1	0	0	0	0	0	0	1	0
Permit - Process Interruption	Permit - Permit Request		Р			У	6.1	0	0	0	0	0	0	1	0
Permit - Process Interruption	Permit - Plant Entry		Р			V	6.1	0	0	0	0	0	0	1	0
Permit - Shutdown Request Photo Photo Photo Photo Report Photo Repo			P					0	0	0	0	0	0		0
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Press Release P P	Policy		Р		,,		+				0	0	0	0	0
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Process Selection Report	Pre job Safety Instruction		Р				1.4 6.1	1 0	0	0	0	0	0	1	0
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Project Change Management Record Report P Project Change Management Record Report P P P P P P P P P P P P P P P P P P	Pre job Safety Instruction Preliminary Design Report Press Release		P E+T P	PR	A		1.4 6.1 3.0 5.2	1 0 0	0 0 0	0 0 1 0	0 0 0	0 0	0 0 1	1 0 0	0 0
Project Change Management Record Report P	Pre job Safety Instruction Preliminary Design Report Press Release Process Selection Report		P E+T P E	PR	A		1.4 6.1 3.0 5.2 3.0	1 0 0 0	0 0 0 0	0 0 1 0	0 0 0	0 0 0	0 0 1 0	1 0 0	0 0 0
Project Definition Report Project Safety Report and Statistics P P P P P P P P P P P P P P P P P P P	Pre job Safety Instruction Preliminary Design Report Press Release Process Selection Report Progress Estimate**	У	P E+T P E	PR	A		1.4 6.1 3.0 5.2 3.0 4.6	1 0 0 0 0 0	0 0 0 0 0	0 0 1 0 1 0	0 0 0 0	0 0 0 0	0 0 1 0 0	1 0 0 0 0	0 0 0 0
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Project Safety Report and Statistics	Pre job Safety Instruction Preliminary Design Report Press Release Process Selection Report Progress Estimate** Progress Report (Status report) Project Change Management Record Report		P E+T P E P P	PR	A		1.4 6.1 3.0 5.2 3.0 4.6 4.8	1 0 0 0 0 0 0	0 0 0 0 0 0	0 0 1 0 1 0 0	0 0 0 0 0 0	0 0 0 0 1 1	0 0 1 0 0 0	1 0 0 0 0 0	0 0 0 0 0
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Proposal	Pre job Safety Instruction Preliminary Design Report Press Release Process Selection Report Progress Estimate** Progress Report (Status report) Project Change Management Record Report Project Charter Project Definition Report	У	P E+T P E P P P E E	PR PS	A		1.4 6.1 3.0 5.2 3.0 4.6 4.8 1.0 1.2.1	1 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 1 0 1 0 0 0	0 0 0 0 0 0	0 0 0 0 1 1 0 0	0 0 1 0 0 0 0	1 0 0 0 0 0	0 0 0 0 0 0
Public Notification Public Presentation PP	Pre job Safety Instruction Preliminary Design Report Press Release Process Selection Report Progress Estimate** Progress Report (Status report) Project Change Management Record Report Project Charter Project Definition Report Project Plan	У	P E+T P F P P F E P P	PR PS	A		1.4 6.1 3.0 5.2 3.0 4.6 4.8 1.0 1.2.1	1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 1 0 1 0 0 0	0 0 0 0 0 0	0 0 0 0 1 1 1 0 0	0 0 1 0 0 0 0	1 0 0 0 0 0 0	0 0 0 0 0 0 0
Public Presentation Public Survey Public Sur	Pre job Safety Instruction Preliminary Design Report Press Release Process Selection Report Progress Estimate** Progress Report (Status report) Project Change Management Record Report Project Charter Project Definition Report Project Plan Project Safety Report and Statistics	У	P E+T P F P P F F P P P P P P P P P P P P P	PR PS	A		1.4 6.1 3.0 5.2 3.0 4.6 4.8 1.0 1.2.1 3 1.2 6.1	1 0 0 0 0 0 0 0 1 1 0 1	0 0 0 0 0 0 0 0	0 0 1 0 1 0 0 0 0 0 1 0 0	0 0 0 0 0 0 0	0 0 0 1 1 0 0 0	0 0 1 0 0 0 0 0 0	1 0 0 0 0 0 0 0	0 0 0 0 0 0 0
Public Survey	Pre job Safety Instruction Preliminary Design Report Press Release Process Selection Report Progress Estimate** Progress Report (Status report) Project Change Management Record Report Project Charter Project Definition Report Project Plan Project Safety Report and Statistics	У	P E+T P F P P F F P P P P P P P P P P P P P	PR PS	A	У	1.4 6.1 3.0 5.2 3.0 4.6 4.8 1.0 1.2.1 3 1.2 6.1	1 0 0 0 0 0 0 0 1 1 0 1	0 0 0 0 0 0 0 0	0 0 1 0 1 0 0 0 0 0 1 0 0	0 0 0 0 0 0 0	0 0 0 1 1 0 0 0	0 0 1 0 0 0 0 0 0	1 0 0 0 0 0 0 0	0 0 0 0 0 0 0
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Regulatory inspection P P 6.1 0 0 0 0 0 0 0 1 0 Reguest for Information Y P 4.1, 4.7.3 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 0 1 1 0	Pre job Safety Instruction Preliminary Design Report Press Release Process Selection Report Progress Estimate** Progress Report (Status report) Project Change Management Record Report Project Definition Report Project Plan Project Plan Project Safety Report and Statistics Proposal Public Notification Public Presentation Public Survey	y y	P E+T P E E P P P P P P P P P P P P P P P P	PR PS	A	У	1.4 6.1 3.0 5.2 3.0 4.6 4.8 1.0 1.2.1 3 1.2 6.1 4.1 5.4 5.4 5.1	1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 1 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0
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Test Result - Autom. / Instrm. & Ctrl. P 4.9 0 0 0 1 0 0 0	Pre job Safety Instruction Preliminary Design Report Press Release Process Selection Report Progress Estimate** Progress Report (Status report) Project Change Management Record Report Project Charter Project Definition Report Project Plan Project Safety Report and Statistics Proposal Public Notification Public Presentation Public Survey Purchase Order** Quality Report Regulatory Inspection Request for Information Request for Quote Requirement Definition Report Requisition Risk Action Plan Risk Register Risk Statement Safe Work Plan Safety Bulletin Schedule of Material Schedule of Mork Shop Drawing Sketch Specification Standard Operating Procedure (SOP) Stop Work Order Structure Works Lot Register Survey Equipment Calibration Checklist TC Development document TC Establishment Percentage Report	y y y y y y y y y y y y y	P E+T P E+T P E P P P P P P P P P P P P P P P P P	PR PS PS PD PD SM SK SP OP	A A A A E		1.4 6.1 3.0 5.2 3.0 4.6 4.8 1.0 1.2.1 3 1.2 6.1 4.1 5.4 5.4 5.1 4.2 1.0, 4.0 6.1 4.1, 4.7.3 4.1 4.1 3.0, 7.0 1.7, 4.0, 7.0 1.7, 4.0, 7.0 1.7, 4.0, 7.0 3.0 3.0 3.0 3.0 3.0 3.0 3.1 4.0 7.0 7.0 7.0	1 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0		0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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iest kesuit - Building / Architectural P	Pre job Safety Instruction Preliminary Design Report Press Release Process Selection Report Progress Estimate** Progress Report (Status report) Project Change Management Record Report Project Charter Project Definition Report Project Plan Project Safety Report and Statistics Proposal Public Notification Public Presentation Public Survey Purchase Order** Quality Report Regulatory Inspection Request for Information Request for Quote Requirement Definition Report Requisition Risk Action Plan Risk Register Risk Statement Safe Work Plan Safety Bulletin Schedule of Material Schedule of Mork Shop Drawing Sketch Specification Standard Operating Procedure (SOP) Stop Work Order Structure Works Lot Register Survey data Survey Equipment Calibration Checklist TC Development document TC Establishment Percentage Report Technical Assessment	y y y y y y y y y y y y y	P E+T P E+T P E P P P P P P P P P P P P P P P P P	PR PS PS PD TA	A A A A A A A A A A A A A A A A A A A		1.4 6.1 3.0 5.2 3.0 4.6 4.8 1.0 1.2.1 3 1.2 6.1 4.1 5.4 5.4 5.1 4.2 1.0, 4.0 6.1 4.1, 4.7.3 4.1 3.0, 7.0 4.2 1.7, 4.0, 7.0 1.7, 4.0, 7.0 1.7, 4.0, 7.0 3.0 3.0 3.0 3.0 3.0 3.0 4.0 7.0 7.0 7.0 3.2 3.0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Pre job Safety Instruction Preliminary Design Report Press Release Process Selection Report Progress Estimate** Progress Report (Status report) Project Change Management Record Report Project Charter Project Definition Report Project Plan Project Safety Report and Statistics Proposal Public Notification Public Presentation Public Survey Purchase Order** Quality Report Regulatory Inspection Request for Information Request for Proposal Request for Quote Requirement Definition Report Requisition Risk Action Plan Risk Register Risk Statement Safe Work Plan Safety Bulletin Schedule of Material Schedule of Work Shop Drawing Sketch Specification Standard Operating Procedure (SOP) Stop Work Order Structure Works Lot Register Survey data Survey Equipment Calibration Checklist TC Development document TC Establishment Percentage Report Technical Assessment Technical Memorandum Test Result - Autom. / Instrm. & Ctrl.	y y y y y y y y y y y y y	P E+T P E+T P E P P P P P P P P P P P P P P P P P	PR PS PS PD TA	A A A A A A A A A A A A A A A A A A A		1.4 6.1 3.0 5.2 3.0 4.6 4.8 1.0 1.2.1 3 1.2 6.1 4.1 5.4 5.4 5.1 4.2 1.0, 4.0 6.1 4.1, 4.7.3 4.1 4.1 3.0, 7.0 4.2 1.7, 4.0, 7.0 1.7, 4.0, 7.0 1.7, 4.0, 7.0 1.7, 4.0 6.1 6.1 3.0 1.3, 4.5, 7.0 3.0 3.0 3.0 3.0 3.0 4.9	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

1			1			 1								
Test Result - Civil		Р				4.9	0	0	0	0	1	0	0	0
Test Result - Electrical		Р				4.9	0	0	0	0	1	0	0	0
Test Result - General		P				4.9	0	0	0	0	1	0	0	0
Test Result - Mechanical		P				4.9	0	0	0	0	1	0	0	0
Test Result - Piping / Plumbing / HVAC		P				4.9	0	0	0	0	1	0	0	0
Test Result - Process		Р				4.9	0	0	0	0	1	0	0	0
Test Result - Security / Emergency Exits		Р				4.9	0	0	0	0	1	0	0	0
Test Result - Site		Р				4.9	0	0	0	0	1	0	0	0
Test Result - Structural / Piling		Р				4.9	0	0	0	0	1	0	0	0
Training Certificate		Р			у	4.11.5	0	0	0	0	1	0	0	0
Training Material		E	TR	D		3.0	0	0	1	0	0	0	0	0
Transmittal	У	Р				1.0, 4.0, 5.0, 7.0	1	0	0	1	1	1	0	1
Value Engineering Report		Р				3.0	0	0	1	0	0	0	0	0
Valves list		Е	LV	Α		3.0	0	0	1	0	0	0	0	0
Warranty		Р				4.11.6	0	0	0	0	1	0	0	0
Weld Procedure Qualification Records		Р				4.0	0	0	0	0	1	0	0	0
Weld Procedure Specification		Р				3.0	0	0	0	0	1	0	0	0
Welding Summary Sheet		Р				3.0	0	0	0	0	1	0	0	0
WHMIS Submission		Р				6.1	0	0	0	0	0	0	1	0
Work Package**	Υ	Р				1.2	1	0	0	0	0	0	0	0
Worker Orientation Record		Р				6.1	0	0	0	0	0	0	1	0

Classification	on		Librairies	Classification
Primary	Sub-	Sub- sub-		
Class	Class	Class		
1			Project Development And Management	
	1.1			Business Case
	1.2			Project Plan
		1.2.1		Project Charter
	1.3			Project Schedule
	1.4			Background Information
		1.4.1		Preliminary Data
	1.5			Regulatory Information
	1.6			Advisory/Steering Committee
	1.7			Risk Management
		1.7.1		Partnering
2	2.4		Financial	
	2.1			Capital Budget Estimates
	2.2			Operating Budget Estimates
2	2.3		Taskaisal	Project Cost
3	2.01		Technical	Advisory Consists
	3.01	3.01.1		Advisory Services
		3.01.1		Surveying and Mapping
		3.01.3		Geotechnical Investigation Feasibility Studies
		3.01.4		Planning Studies
	3.02	3.01.4		Studies and Assessments
	3.03			Conceptual Design
	3.04			Preliminary Design
	3.05			Value Engineering
	3.06			Detailed Design
	3.07			Shop Drawings
	3.08			As-Constructed Drawings
	3.09			Training
	3.10			Operation and Maintenance Manuals
4			Procurement	
	4.1			Bid Opportunity Documents
	4.2			Addenda
	4.3			Bid Evaluation and Contract Award
5			Contract Administration	
	5.01			Insurance
	5.02			Work Schedule
	5.03			Risk Management
	5.04			Progress Estimates / Invoicing
	5.05			Change Control
	5.06			Progress Meetings and Reports
	5.07			Inspection and Test Agency Reports
	5.08			Photographs
	5.09			Legal Services
	5.10			Performance Evaluation
	5.11			Performance Verification Tests
	5.12			Commissioning
	5.13			Deficiencies
	5.14			Warranty
6	_		Public Information	D. H.F. Committee
	6.1			Public Consultation
	6.2			Press Releases
	6.3	-		Briefing Notes
7	6.4		Cafatu Maragamant	Public Communication
/	7.4		Safety Management	Draiget Safety
	7.1 7.2			Project Safety Permits
	7.2			Project Security
8	7.3		Target Cost	. reject occurry
0				

Project Area Core Metadata

Project Area Core M	etadata									
Metadata Field	Mandatory/Optional M/O	Туре	Master Data	How	Example	Description				
DMS Project #	М	Numeric	Yes	System	S-881	File number, comes by system in Project Library based on selected Contract				
Document ID	М	Numeric		System		SharePoint assigned Document number				
Creator	М	Text		System		Document uploader				
Version	М	Numeric		System		SharePoint assigned version number				
Record Category	М	Text		System	Project Records; Drawings; Turn-over; Legal	System assigned based on content type				
Filename	М	Alphanumberic		System	Business_Requirements.pdf	System assigned, from file name				
Title	М	Text		System/user	SharePoint Online Solution Scope	SharePoint fills in document title, user can overwrite with desired Title. Priority field for searches, name of document				
Original Author	М	Text		System/user	John Doe	SharePoint fills in document Author, user can overwrite with desire Author.				
Classification	М	Text		System		One to one by Content Type (and library)				
Content Type	M	Text		User, drop down List box	Detailed Design Report	Limited choice, filtered per library				
DMS Contract #	M (For CA and Procurement)	Numeric	Yes	System/User, drop down List box		Sequential number, created by System at DMS Admin level.				
Activity Status	M	Text		User, drop down List box	Active (default), Obsolete, Finalized	Identifies document's state in the DMS				
Workflow Status	М	Text		System	Available for Workflow, Under Review, Reviewed, In Approval, Approved, Unavailable	Identifies document's involvement in a workflow				
Referenced to	0	Numeric		User/drop list?		Records a reference (one or many) to an original document within the DMS.				
Referenced by	0	Numeric		System		Records a reference (one or many) by an original document within the DMS.				
Record Change Index	0	Numeric	Yes	System/User, multi-select box	Change #, Description	(One or many) sequential number, created by System				
Document Comment	0	Text		User		Additional descriptive field for the document				
External document number	0	Text or number		User	No particular number standard	Allows external parties to link City project documents to their own filing numbers/system				
External project number	0	Text or number		User	No particular number standard	Allows external parties to link City project documents to their ow filing numbers/system				

Other Metadata / Master Data may be required to satisfy the business Requirement document and need to be added during the development phase

Drawings

Metadata Field	Mandatory/Optional M/O	Туре	How	Example	Description
Source Code	М	Number	Choice	1 (Design Drawing), 2 (Manufacturer's Drawing)	Selected from defined list, see IMS doc PG-RC-PC-02 Drawing Numbering System
Facility Code	М	Number	Choice	0101 (North Plant), 0102 (South Plant),	The Plant that the drawing is associated with, from defined list (see IMS doc PG-RC-PC-02 Drawing Numbering System)
Process Area	М	Text	Choice	D (Digesters), R (Oxygen Reactors),	Type of drawing, from defined list (see PG-RC-PC-02 Drawing Numbering System)
Discipline Code	М	Text	Choice	M (Mechanical), C (Civil),	Selected from defined list, see IMS doc PG-RC-PC-02 Drawing Numbering System
Number Code	M	Number	<mark>User</mark>	0001	As per IMS doc: PG-RC-PC-02 Drawing Numbering System
Sheet #	М	Number	User	001	Format described in IMS doc PG-RC-PC-02 Drawing Numbering System
Revision #	M	Alphanumeric	User	C9/01	As per IMS doc: PG-RC-PC-02 Drawing Numbering System
Drawing #	М	Alphanumeric	User	1-0101R-M0001-001-01	Format described in IMS doc PG-RC-PC-02 Drawing Numbering System
Shop drawing index	0	Number	User	0019	Unique number for shop drawings, assigned by user and manually tracked within a project and its related contracts

Technical Documents

Metadata Field	Mandatory/Optional M/O	Туре	How	Example	Description
Source Code	М	Character	Choice	٨	Selected from defined list, see IMS doc PG-RC-PC-03 Technical
Source Code	IVI	Character	Choice	А	Document Numbering System
Facility Code	М	Number	Choice	101	For list and format see IMS doc PG-RC-PC-03 Technical Document
racility code	IVI	Number	Choice	101	Numbering System
Process Area	М	Tout	Choice	c	From defined list (see PG-RC-PC-03 Technical Document
Process Area	IVI	Text	Choice	3	Numbering System)
Discipline Code	М	Text	Choice	M	From defined list (see PG-RC-PC-03 Technical Document
Discipline Code	IVI	Text	Choice	IVI	Numbering System)
Number Code	М	Alphanumeric	User	DS16	As per IMS doc: PG-RC-PC-02 Technical Document Numbering
Number code	IVI	Aiphanumenc	OSEI	D310	<u>System</u>
Sheet #	М	Number	User	FAL	Format described in IMS doc PG-RC-PC-03 Technical Document
Sileet #	IVI	Number	USEI	FAL	Numbering System
Revision #	М	Number	User	11	As per IMS doc: PG-RC-PC-02 Technical Document Numbering
Kevisioii #	IVI	Number	USEI	11	<u>System</u>
Technical Document #	М	Alphanumeric	System	A-0101S-MDS16-FAL-11	Concatenated by system, format described in PG-RC-PC-03
recimical Document #	IVI	Aiphanumenc	System	A-01013-MD310-FAL-11	Technical Document Numbering System