

TECHNICAL REQUISITION

BELT FILTER (MR-03)

MTK045-EQD-0003-RQT Appendix n°01

- ☐ For Approval
☐ For Inquiry
☒ For Purchase Order



CLIENT: CAREMAG

CAREMAG PROJECT

SUPPLIER

COMMERCIAL CONTACT

TECHNICAL CONTACT

PHONE

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1	31/03/2025	Issued for PO	PCO		EGE		FBA		ARTELIA Industrie 36, avenue José Nobre 13500 Martigues · France
0	18/11/24	ISSUED for ENQUIRY	PCO		EGE		FBA		
REV	DATE	MODIFICATIONS	By	Visa	By	Visa	By	Visa	
			ISSUED		CHECKED		APPROVED		
WRITTEN BY: Philippe COMBES						ARTELIA - Doc number:			Rev
CHECKED BY: Eric GELY						MTK045-EQD-0003-RQT Appendix n°01			1
APPROVED BY: Fabien BARQUE						CLIENT - Doc number:			
						N/A			
						Page:			1/8

SUPPLIER is in charge of the definition, design, process & mechanical, supply, manufacturing , delivery to site, site assembly (if applicable) and test of its PACKAGE to achieve the goals described in the process data sheet.

R : Responsible A : Accountable C : Consulted I : Informed

Line	Item	Sub item	Tag	Description	SUPPLIER			OTHER		
					In charge of	Optional	ASSEMBLER	ENGINEERING	CLIENT	OTHER
1										
2				MTK045-EQD-0003-RQT Appendix n°01						
3										
4	PROJECT MANAGEMENT									
5				Meetings : KOM, Follow Up, Reviews	R					
6				Detailed schedule (level 3) including follow up and updates	R					
7				Monthly report with status of progress, critical points and correctives actions (if any)	R					
8				SUPPLIER document list with status	R					
9				A GED (Mezzoteam) will be implemented by ENGINEERING for documents follow up	C			R		
10										
11	DESIGN			Process design of the belts filter based on CLIENT Process Data Sheet	R					
12		Process		Process conception						
13				PFD & PID : Preparation & Review	R					
14				Heat & Material balances for each single senario of Process Data Sheet	R					
15				Definition of minimum (turndown) and maximum operating rates for each senario	R					
16				Expected & guaranted electricity & utilities consumption at nominal rate	R					
17				Functionnal analysis	R					
18				Reviews with Engineering : Hazop / PID ...	R					
19										
20	PILOT TRIALS			Supply of raw material					R	
21				Trial parameter meeting organization	R					
22				Preparation of Equipment (power connection, installation etc)	R					
23				Execution of trials	R					
24				Trials Test Report	R					
25										
26	CONCEPTION			Mechanical conception of elements required						
27										
28		Equipments		List of main equipments - on template supplied by ENGINEERING	R					
29				Detailed definition of each equipment	R					
30				Definition of Construction code / Materials and Corrosion allowance	R					
31				Design conditions / Dimensions / Process & Mechanical constraints	R					
32				Documents as per regulation (PED) & Construction Code : Drawings, Calculation note....	R					
33										
34		Auxiliaries		List of auxiliaries equipments (safety valves, filters...) - on template supplied by ENGINEERING						
35				Detailed definition of each auxiliaire equipment	R					
36				Definition of Construction code / Materials and Corrosion allowance	R					
37				Design conditions / Dimensions / Process & Mechanical constraints	R					
38										
39		Piping		Line list - on template supplied by ENGINEERING	R					
40				Pressure drop / velocity : diameter definition	R					
41				Piping class applicable : adequation with products & design conditions	R					
42				Design conditions / PED application / Construction code	R					
43				Flexibility calculation if required by Construction code or PED (Limit : fixed point at battery limit)	R					
44										
45		Instrum./Elec.		Instruments list - on template supplied by ENGINEERING						
46				Technical specification instruments	R					
47				Design conditions & technical definition of instrument	R					
48				List of Consumers - on template supplied by ENGINEERING	R					
49				Cables list (elec/Instrum) - on template supplied by ENGINEERING	R					
50				Caneco calculations (when applicable)	R					
51				List of EI Auxiliaries : junction boxes...	R					
52										
53	ASSEMBLY			Conception of the overall scope of supply						
54										
55		Model		Conception of 3D model of Package	R					
56				3D reviews : Conception / Operability / Accessibility / Maintenance	R					
57				Steel structure definition : supports, access...	R					
58				Modelisation and calculation (seismic calculation performed by OTHER)	R					
59				Determination of loads transmitted to Civil Work	R					
60				Definition of anchor bolts & templates	R					
61				3D Model transmission to ENGINEERING in format compatible with Autodesk Plant 3D such as :	R					
62				Autodesk inventor (extensions ipt or iam)						
63				CATIA (extensions CATPart or CATProduct)						
64				Microstation DGN file (extension DGN)						
65				IGES Files (Extensions iges or igs)						
66				SolidWorks part and assembly files (extensions prt, slprt, asm or slasm)						
67				STEP files (extensions ste, stp or step)						
68										
69		Package		Definition of overall PACKAGE : conception done to minimize field works	R					
70				Definition by SUPPLIER of minimum number of "skids" (in order to minimize field works)	R					
71				Preliminary packing list with dimensions and weight of each element/skid	R					
72				Mode of shipment and site manutention (need and size of cranes...)	R					
73				Preliminary definition of estimated field works : manhours / schedule	R					
74										
75	SUPPLY			Follow up of sub contracted equipments and other required elements						
76				Expediting for all elements / planning update	R					
77										
78		Main equipments		Based on main equipments list (by package) :						
79				Five (5) Vacuum belt filter (I22200, I 24200, I25200, I26200 and I27200) including :						

Project: Material Requisition: Rev 1					CAREMAG PROJECT MTK045-EQD-0003-RQT Appendix n°01																			
PART 1 - SUPPLIER SCOPE OF WORK																								
SUPPLIER is in charge of the definition, design, process & mechanical, supply, manufacturing , delivery to site, site assembly (if applicable) and test of its PACKAGE to acheive the goals described in the process data sheet.																								
LEGEND :																								
R : Responsible					A : Accountable					C : Consulted					I : Informed									
Line	Item	Sub item	Tag	Description										SUPPLIER			OTHER							
													In charge of	Optional	ASSEMBLER	ENGINEERING	CLIENT	OTHER						
80					Mother liquor vacuum receivers three (3) per belt filter										R									
81					Mother liquor pumps three (3) per belt filter										R									
82					Vacuum pump with filter, exchanger and vacuum unit separator one (1) per belt filter										R									
83					Cyclonic separator one (1) per belt filter										R									
84																								
85		Auxiliaries equipments			Based on auxiliaries equipments list :																			
86					Safety valves										I		R							
87					Filters...										I		R							
88																								
89		Liaison between equipments :																						
90					Belts filter to receivers										R									
91					Receivers to pumps										R									
92					Pumps to belts filter										R									
93					Belts filter to batterie limit										R									
94																								
95		Piping			Based on lines list and full definition by SUPPLIER :																			
96					Applicable for all piping inside battery limits of PACKAGE, including between elements if supplied separatly										A		R							
97					Tubes and fitting										A		R							
98					Valves, check valves, Sight glass....										A		R							
99					Supports (including specials ones if any : spring type...)										A		R							
100					Gaskets, Botling, Bellows...										A		R							
101																								
102		Instrumentation & autor			Based on instruments list and full definition by SUPPLIER (Instrumentation Package Type P2) including :										R									
103					All field instruments and transmitters										R									
104					Local cabinet and junction boxes										R									
105					Cables, cables trays, earthing, pneumatic distribution up to the local cabinet and/or junction boxes										A		R							
106					Protocole HART requested for sensors 4-20mA										R									
107																								
108		Electricity :			Based on consumers list, and full définition by SUPPLIER, electrical Package Type P2 including :										R									
109					All motors, lighting equipment, electrical tracing, local control boxes, and power junction boxes										R									
110					Cables and cables trays, earthing, from equipment up to the power junction boxes or earth dispatchers										A		R							
111					Cables between junction boxes and the MCC or siwtch-board inside Client's ETR										A		R							
112																								
113	SHOP ASSEMBLY				For global PACKAGE or separate skids - Elements (if applicable)										R									
114					Dimensionnal & conformity control of each equipment / element supplied										R									
115					Assembly of structure supporting belts filter										R									
116					Piping connection & supporting, installation of valves and others online elements										NA									
117					Painting, Heat tracing, Personnal protection and Insulation (when applicable)										NA									
118					Instruments and electric consumers cabling to junction boxes, earthing continuity installation										NA									
119																								
120	INSPECTION & CONTROL				Based on Inspection and Test Plan reviewed & agreed with ENGINEERING										R									
121	FAT				Factory Acceptance Test (FAT)										R									
122					Blank assembly in shop of elements send separatly (if any)										R									
123																								
124	SHIPMENT				Preparation to shipment and shipment of each separate pack										R									
125					Detailed packing list : dimensions & weight of each pack										R									
126					Transportation plan for oversized elements, checking of planned routes										R									
127					Shipment documents preparation & autorisation demands										R									
128					Shipment to site										R									
129																								
130	SITE WORKS				Depending of EQUIPMENT/PACKAGE PRE-ASSEMBLY IN SHOP :																			
131					Site preparation : Civil work, anchoring positionning with templates supplied													A	A	R				
132					Reception of goods on site and Unloading										A		R	A	A					
133					Unpacking and control with packing list										A		R	A	A					
134					PACKAGE (if supplied in 1 piece) or Elements-Skids positionning on anchor bolts																			
135					Positionning, control and elements final anchoring										A		R	A	A					
136					Field assembly by ASSEMBLER of element defined by SUPPLIER :																			
137					Assembly of structure, installation of equipments										A		R							
138					Piping connection & supporting, installation of valves and others online elements										A		R							
139					Painting, Heat tracing, Personnal protection and Insulation (if applicable)										A		R							
140					Instruments and electric consumers cabling to junction boxes, earthing continuity installation										A		R							
141																								
142	INSPECTION & CONTROL				Based on Inspection and Test Plan reviewed & agreed with ENGINEERING																			
143	SAT				Site Acceptance Test (SAT)										A			R	A					
144																								
145	DATA BOOK & PROCEDURES				Data Book of the EQUIPMENT/PACKAGE including :																			
146					All relevant documents as per construction code of each equipement										R									
147					CE Certificate of Integration of Quasi Machine with relevant documentation & Relevant Inspections (french)										R									
148					PED, ATEX and other marking and documentation where applicable										R									
149					Applicable procedures for Reception, Commissionning, Operation, Test run, Maintenance...										R									
150																								
151	ACCESSORIES & SPARE PAR				Spare parts for installation and start up										R									
152					Special tools for installation & maintenance (if applicable)										R									
153					2 Years spare parts in option										R									
CLIENT: CLIENT: CAREMAG PROJECT: CAREMAG PROJECT PAGE: 3/7 REVISION: 1																				ARTELIA - Doc number: MTK045-EQD-0003-RQT Appendix n°01 CLIENT - Doc number: N/A				

Project: Material Requisition:				CAREMAG PROJECT MTK045-EQD-0003-RQT Appendix n°01					
Rev 1									
PART 2 - REFERENCE DOCUMENTATION									
LEGEND :									
A : Attached			B : In SUPPLIER possession			C : To be transmitted later on			
	Pos.	Reference	Rev. Doc.	Description	Status of document				
					A	B	C		
0				EQUIPMENT SPECIFICATIONS					
0.1				Technical Specifications & Datasheets					
0.1.1		MTK045-EQD-0003-RQT	1	Technical Specification - Belt filter package	x				
0.1.2		MTK045-EQD-0003-RQT (Appendix 01)	1	Technical Requisition	x				
0.1.3		A-03-SPE-0025 (Appendix 02)	0	Process datasheet "Belt filter package"	x				
0.1.4		Appendices 03A to 03E	2	PDF of the 5 belt filters	x				
1				ATTACHMENTS					
1.1				Document procedures					
1.1.1		MTK045-ARTM-PJT-0004-PRC	0	Documentation Numbering Procedure	X				
1.1.2		Guide Mezzoteam 30-05-2024	6.3	Project Document Control Procedure	X				
1.1.3		Implemented by ENGINEERING		Mezzoteam software	NA				
1.2				General					
1.2.1		A-03-PRO-0001-rev0-Reglement_acces_Ind	0	Sites access & general instruction for field works	X				
1.2.2		A-03-PRO-0002-rev0-Données Site Lacq	0	Site conditions and general rules	X				
1.2.3		MTK045-ARTM-CST-0001-DWG	0	Plateforme IndusLacq : Plan circulation - Voirie et passage de rack	X				
1.2.4		HXAM14-XXX-Exigences SSES Chantier	0	Exigences SSES Chantier				X	
1.3				PID					
1.3.1		NOT APPLICABLE		PID Procedure	NA				
1.3.2		A-03-PID-0001 to 0007		Piping Equipment Symbols & Legend	X				
1.4				Piping classes					
1.4.1		MTK045-ARTM-PIP-0001-CLA	0	Piping classes				x	
1.5				Templates					
1.5.1		MTK045-XXXX-PRO-0001-LDL	0	Line list Template	X				
1.5.2		MTK045-XXXX-PIP-0001-LT	0	Ties in list Template	X				
1.5.3		MTK045-XXXX-EQV-0001-LST	0	Equipment list Template	X				
1.5.4		MTK045-XXXX-INS-0001-LST	0	Instrument list Template	X				
1.5.5		MTK045-XXXX-EIA-0001-LST	0	Consumer list Template	X				
1.5.6		MTK045-XXXX-EIA-0002-LST	0	Cable list Template	X				
1.6				Structural					
1.6.1		MTK045-STR-0001-STD	0	Structural Standards Applicables	x				
1.7				Instrumentation and control					
1.7.1		MTK045-ARTM-INS-0001-SPG	0	Instrumentation General Specification	X				
1.7.2		MTK045-ARTM-INS-0001-PRC	0	Instrumentation Identification & numbering procedure	X				
1.7.3		Based on Emerson templates		Basic concept of automation	NA				
1.7.4		SDS-EXAMPLE-INT_Hors Btach	2	Doc Emerson : format type analyse fonctionnelle	X				
1.7.5		DeltaV Standard Input Sheet	3.02	Doc Emerson : standard input	X				
1.8				Electrical					
1.8.1		MTK045-ARTM-000-ELE-0001-DOC	0	Electrical General Specification	X				
2.0				CLIENT SPECIFICATIONS					
2.0.1		To be supplied later on		Colour chart for Industrial Unit				x	
2.0.2		A-03-SPE-0025-Rev0-Motor_Vendor_List	0	Electrical Motor preferred Vendors list	x				
2.0.3		To be supplied later on		Instruments preferred Vendors list				x	
3.0				POST-ORDER DOCUMENTS					
3.0.1		MTK045-MRXX-PJT-0001-ACT -	0	Supplier's action list					
3.0.2		MTK045-MRXX-PJT-0002-ACT - Artelia	0	Artelia's action list					
3.0.3		MTK045 Caremag -Monthly progress report EN	0	Monthly report Template					
CLIENT: CAREMAG					ARTELIA - Doc number:				
PROJECT: CAREMAG PROJECT					MTK045-EQD-0003-RQT Appendix n°01				
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REVISION: 1					N/A				

Project: Material Requisition: Rev 1				CLIENT: CAREMAG MTK045-EQD-0003-RQT Appendix n°01					
PART 3 - DOCUMENTS AND DRAWINGS SUPPLY									
Are detailed here below documents to be submitted by SUPPLIER. Scope and delivery dates will be reviewed / agreed during the kick-off meeting. Documents shall be preferably supplied in electronic format. Documents shall be supplied in their native format (i.e. Word, Excel, Visio, Plant 3D, Autocad, etc.).									
	Item	P ! (note 1)	Description	Prelim With offer	First issue Deadline (note 2) Quantity Type (note 3)		Final/As Built Language (note 4) Quantity Type (note 3)		
			A) ENGINEERING DOCUMENTS						
			General / Project						
	A-1000		Purchase Order Acknowledgment		+2D /PO	E	FR	in A-1004	
	A-1001		List of deviation demands to ENGINEERING specification and requisition	X	PO	E	FR	in A-1004	
	A-1002	x	SUPPLIER documents list		+4W /PO	E	EN or FR	in A-1004	
	A-1003		Supplier Data Book (SDB) - Part 1: Engineering - Index		+3M /PO	E	FR	in A-1004	
	A-1004	x	Supplier Data Book (SDB) - Part 1: Engineering - Final Documentation (includes all "A-xxx" Engineering documents in native format + electronic format Shall include Supplier Data Book of Skid if any)		+10W /BD	E	FR	3P E+N (for all docs)	
			Process & thermal design						
	A-1100		Process and Utility Flow Diagrams with Heat and Material Balance	X	+2W /PO	E	EN or FR	in A-1004	
	A-1101		Piping & Instrument diagrams with terminal points at battery limit		+4W /PO	E	EN or FR	in A-1004	
	A-1102		Equipments list	X	+4W /PO	E	FR	in A-1004	
	A-1103	x	Utility Consumption / Balance		+4W /PO	E	EN or FR	in A-1004	
	A-1104		Process description including main feed stream control	X	+8W /PO	E	FR	in A-1004	
	A-1105		Equipments Data Sheets	X	+6W /PO	E	FR	in A-1004	
			Equipments list (on template supplied by ENGINEERING)						
	A-1200		General Arrangement drawings of each equipment with relevant information as per construction code imposition	X	+4W /PO	E	FR	in A-1004	
	A-1201	x	Drawings of equipment to allow site installation by OTHERS		+6W /PO	E	FR	in A-1004	
	A-1202		Data Book for each pressure equipment as per Construction code and PED imposition	X	+6W /PO	E	FR	in A-1004	
	A-1203		Pressure vessels construction drawings		+6W /PO	E	FR	in A-1004	
	A-1204		Calculation Notes for pressure vessel and/or pressure parts as per PED & Const. Code		+2M /PO	E	FR	in A-1004	
	A-1205		Nameplate drawing		+6W /PO	E	FR	in A-1004	
	A-1206		Equipments assembly drawings Including cross-sectional drawings		+6W /PO	E	FR	in A-1004	
	A-1207		Noise Data Sheet of Equipments		+6W /PO	E	EN or FR	in A-1004	
	A-1208		Acoustic study of the complete installation		NA (PURCHASER'S SCOPE)				
			General Installation						
	A-1300		Plot Plan		+2W /PO	E	EN or FR	in A-1004	
	A-1301	x	General Arrangement Drawing (including elevation)	X	+4W /PO	E	FR	in A-1004	
	A-1301 bis		3D drawing (format compatible with Plant) with exact positiosn of interfaces		+6W /PO	E	FR		
	A-1302	x	Foundation Layout and Loading Plan, including calculation note of anchorage for all equipment with static and dynamic loads (seismic calculation performed by OTHERS)		+5W /PO	E	EN or FR	in A-1004	
	A-1303		Piping Classes (as per ENGINEERING requirements)		+5W /PO	E	EN or FR	in A-1004	
	A-1304		Lines List		+6W /PO	E	EN or FR	in A-1004	
	A-1305	x	Tie-ins list (including position and process interfaces data)		+6W /PO	E	EN or FR	in A-1004	
	A-1306		Major Piping Layouts and Drawings		+6W /PO	E	EN or FR	in A-1004	
	A-1307	x	Piping interconnecting drawing between battery limits (including stress calculation if applicable)		+4W /PO	E	EN or FR	in A-1004	
	A-1308		Isometric sketches		+7W /PO	E	EN or FR	in A-1004	
	A-1309		Structural Steel Drawings with part lists		+7W /PO	E	EN or FR	in A-1004	
	A-1310		Structural steel calculation note		+7W /PO	E	EN or FR	in A-1004	
	A-1311	NA	Thermal stress calculation note NON APPLICABLE						
	A-1312	x	Anchor template (if necessary - note that felt filters will nbe installed on a structure)		+6W /PO	E	EN or FR	in A-1004	
	A-1313		Painting procedure (as per ENGINEERING requirements)		+4W /PO	E	EN or FR	in A-1004	
			Instrumentation						
	A-1400	x	Instruments and I/O Lists (list to include tag, short name, range, units, low/high scale, alarm levels, signal levels - active or passive -, etc.) (on template supplied by ENGINEERING)		+4W /PO	E	EN or FR	in A-1004	
	A-1401		Instrument location drawings (key plan)		+6W /PO	E	EN or FR	in A-1004	
	A-1402		List of instrument cables (type, reference, tag, length, routing) (on template supplied by ENGINEERING)		+4W /PO	E	EN or FR	in A-1004	
	A-1403		Cable tray drawings (cable routing drawings with cable cross sections)	Included in A-1401					
	A-1404	x	Instrument and valves data sheets (with process data, rangeability, sizing, calculation reference, calibration curves, calibration procedure)		+6W /PO	E	EN or FR	in A-1004	
	A-1405		Instrument calculation sheets (valves, actuators, safety devices, flow measuring devices)		+6W /PO	E	EN or FR	in A-1004	
LEGEND : Note 1 (Priority) : Priority documents subject to penalization or term of payment Note 2 (Issue date) : Duration in D (Day) or W (week) or M (Month) ; / Key Rerence = P (Proposal) or PO (Purchase Order) or BD (Before Delivery) Note 3 (Quantity & Type) : Quantity per Type = P (Paper in original size) or E (Electronic Imaging Format) or N (Native File) Note 4 (Language) : FR=French / EN=English ; "&" means that both are required ; "Or" means that both are acceptable									
CLIENT:			CLIENT: CAREMAG			ARTELIA - Doc number:			
PROJECT:			CAREMAG PROJECT			MTK045-EQD-0003-RQT Appendix n°01			
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Project: Material Requisition: Rev 1				CLIENT: CAREMAG MTK045-EQD-0003-RQT Appendix n°01					
PART 3 - DOCUMENTS AND DRAWINGS SUPPLY									
Are detailed here below documents to be submitted by SUPPLIER. Scope and delivery dates will be reviewed / agreed during the kick-off meeting. Documents shall be preferably supplied in electronic format. Documents shall be supplied in their native format (i.e. Word, Excel, Visio, Plant 3D, Autocad, etc.).									
	Item	P ! (note 1)	Description	Prelim With offer	First issue		Final/As Built		
					Deadline (note 2)	Quantity Type (note 3)	Language (note 4)	Quantity Type (note 3)	
	A-1406		Instrument hook-up drawings - The sensor assembly is shown in each sub-assembly corresponding to the filter sensors.						
	A-1407		Outline dimensional drawings (with weight indication) and cross sectional assembly drawings : overall dimensions of sensors		+4W /PO	E	FR		in A-1004
	A-1408		Certificates (calibration, material, EX, UE conformity...)		+2M /PO	E	EN or FR		in A-1004
	A-1409		Interconnection block diagrams		+4W /PO	E	EN or FR		in A-1004
	A-1410		Junction boxes, and panels wiring diagrams		Included in A-1409				
			Control and safety system						
	A-1500		Alarm and Set point list		+4W /PO	E	EN or FR		in A-1004
	A-1501	x	Cause and Effect Diagrams		Included in A-1500				
	A-1502	x	Interlock descriptions		Included in A-1500				
	A-1503	x	Functional diagrams (logic)		+4W /PO	E	EN or FR		in A-1004
	A-1504	x	Complex control loop description (narrative), including SIS - No instrumented safety system, only Emergency stop		NA				
	A-1505		SIL level of instrument		+6W /PO	E	EN or FR		in A-1004
	A-1506		SIL calculation per loop - Only one SIL loop (no document per loop)		NA				
	A-1507		Loop wiring diagrams Necessary data to elaborate the safety loop diagrams by others		+6W /PO	E	EN or FR		in A-1004
	A-1508		Interface Signals List PLC <> DCS		Included in A-1500				
	A-1509		Control system description, Operating principle, Functional design specification		Included in A-1500				
	A-1510		Test procedure for the FAT		+6W /PO	E	EN or FR		in A-1004
	A-1511		Test procedure for the SAT		+6W /PO	E	EN or FR		in A-1004
			Electricity						
	A-1600	x	Consumers list / Power balance (on template supplied by ENGINEERING)		+3W /PO	E	EN or FR		in A-1004
	A-1601		Electrical equipment drawings (key plan)		+4W /PO	E	EN or FR		in A-1004
	A-1602		Interconnection block diagrams		Included in A-1409				
	A-1603		Cable tray drawings (cable routing drawings with cable cross sections)		NA				
	A-1604		Junction boxes, Cabinets, terminal strip, panels wiring diagrams		Included in A-1409				
	A-1605		Cables list (on template supplied by ENGINEERING)		+6W /PO	E	EN or FR		in A-1004
	A-1606		Calculation notes of cables on TR CIEL		NA				
	A-1607		Junction boxes, Cabinets, terminal strip, power cabinet unit drawings		+4W /PO	E	EN or FR		in A-1004
	A-1608		Electrical equipments (like motors) data sheets and specifications		+4W /PO	E	FR		in A-1004
	A-1609		Outline dimensional drawings (with weight indication) and cross sectional assembly drawings of terminal bowes and local panels (if applicable)		+6W /PO	E	EN or FR		in A-1004
	A-1610	x	Detailed drawings of electrical components's junction boxes		Included in A-1607				
	A-1611		Earthing lugs detailed drawings		Included in A-1607				
			Hazard / Risk Analysis						
	A-1700		ATEX source identification		NA				
	A-1701		Hazard Analysis According to Applicable CE Marking Directives (PED...)		+6W /PO	E	FR		in A-1004
			B) EXPEDITING AND SITE ERECTION						
			Expediting						
	B-1000		Engineering, Procurement, Manufacturing, Testing and Traffic Schedule, with check-points	x	+3W /PO	E	EN or FR		
	B-1001		Progress Report		+3W /PO	E	EN or FR		
	B-1002		Sub-Supplier and main suppliers' list (with phone numbers and addresses)	x	+4W /PO	E	EN or FR		
	B-1003		Suppliers procurement status		+6W /PO	E	EN or FR		
	B-1004		Unpriced Copy of Sub-Orders		+6W /PO	E	EN or FR		
	B-1005		Project Organization Chart		+3W /PO	E	EN or FR		
	B-1006		Preliminary Packing List (with weight & size - Heavy and/or oversize equipment)		+10W /PO	E	EN or FR		
	B-1007		Procedure for Preservation, Protection and Packing and Recommendations for Handling prior and during Transportation		3M /BD	E	EN or FR		
	B-1008		Transport Drawings for Heavy Lift and/or Oversize Equipment		3M /BD	E	EN or FR		
	B-1009		Packing List with Packing Notes		2W /BD	E	EN or FR		
	B-1010		Shipping Documents		2W /BD	E	EN or FR		
	B-1011		Certificates of Origin		1M /BD	E	EN or FR		
	B-1012		Execution Plan		+6W /PO	E	EN or FR		
			Vendor List						
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PART 3 - DOCUMENTS AND DRAWINGS SUPPLY									
Are detailed here below documents to be submitted by SUPPLIER. Scope and delivery dates will be reviewed / agreed during the kick-off meeting. Documents shall be preferably supplied in electronic format. Documents shall be supplied in their native format (i.e. Word, Excel, Visio, Plant 3D, Autocad, etc.).									
	Item	P ! (note 1)	Description	Prelim With offer	First issue Deadline (note 2) Quantity Type (note 3)		Final/As Built Language (note 4) Quantity Type (note 3)		
			Erection / installation on site						
	B-1013		Description of site yard installation : utilities, storage areas, bungalow...	X	2M /PO	E	FR		
	B-1014		Special precautions for handling prior and during erection/installation		3M /BD	E	FR		
	B-1015		Recommendations for storage prior and after erection/installation		3M /BD	E	FR		
	B-1016		List of Components to be erected/installed on site		3M /BD	E	FR		
	B-1017		List of operations to be implemented on site		3M /BD	E	FR		
	B-1018		Site Quality Control Plan (QCP)		2M /BD	E	FR		
	B-1019		List of Spare Parts for Erection/Installation	X	2M /BD	E	FR		
	B-1020		List of Special Tools and Means for Erection/Installation and Assembly		2M /BD	E	FR		
	B-1021		Detailed Schedule for Site Erection		+10W /PO	E	FR		
	B-1022		Procedure for erection and installation of the equipment		3M /BD	E	FR		
	B-1023		Procedure for site assembly, levelling and welding, including risk analysis		3M /BD	E	FR		
	B-1024		Risk analysis for prevention plan		3M /BD	E	FR		
	B-1025		Procedure for equipment lifting with detailed drawings and calculation note		3M /BD	E	FR		
	B-1026		Welding procedure specification for field welds		3M /BD	E	FR		
			C) OPERATION AND MAINTENANCE						
	C-1000		Procedure of preparation of equipment for commissioning		3M /BD	E	FR	in C-1009	
	C-1001		Installation, Start-up and Commissioning Manuals For all equipment, instruments, motors and for the whole package		3M /BD	E	FR	in C-1009	
	C-1002		Instruction notice of skid		3M /BD	E	FR	in C-1009	
	C-1003		Procedure for Test-run		3M /BD	E	FR	in C-1009	
	C-1004		List of Special Tools for Maintenance		2M /BD	E	FR	in C-1009	
	C-1005		List spare parts for start-up	X	2M /BD	E	FR	in C-1009	
	C-1006		List spare parts for 2 years operations (see note 3)	X	2M /BD	E	FR	in C-1009	
	C-1007		Complete nomenclature of the spare parts and corresponding drawings		3M /BD	E	FR	in C-1009	
	C-1008		Commissioning, Start-up and operation for 2 years		2M /BD	E	FR	in C-1009	
	C-1009		Supplier Data Book (SDB) - Part 2: Operation and Maintenance Manuals - Index		10W /BD	E	FR	in C-1009	
	C-1010	x	Supplier Data Book (SDB) - Part 2: Operation and Maintenance Manuals - Final documentation		2M /BD	E	FR	3P E+N	
			D) INSPECTION						
	D-1000	x	Inspection and Test Points		+3W /PO	E	EN or FR	in D-1015	
	D-1001		Testing and Control Procedures		+3W /PO	E	EN or FR	in D-1015	
	D-1002		Factory Acceptance Tests Procedure (FAT)		NA (PURCHASER'S SCOPE)				
	D-1003		FAT Report						
	D-1004		Site Acceptance Tests Procedure (SAT) (performance test procedure)						
	D-1005		PWHT Procedure (if necessary)						
	D-1006		NDT Procedure		+3W /PO	E	EN or FR	in D-1015	
	D-1007		Material Specification for Main Sub-orders and instrumentation		+3W /PO	E	EN or FR	in D-1015	
	D-1008		Material Certificates		During inspection	E	EN or FR	in D-1015	
	D-1009		SIL Certificates		+3W /PO	E	EN or FR	in D-1015	
	D-1010		EC Declaration of Conformity for the whole package (including all materials, valves, equipment such as heater and auxiliaries, piping, instrumentation, motors, skid if option chosen...), for all directives (PED, ATEX, Machine...)		1M BD	E	EN or FR	in D-1015	
	D-1011		PED Certificates		During inspection	E	EN or FR	in D-1015	
	D-1012		Welding book (welding map, welding procedure specification, procedure qualification report)		+6W /PO	E	EN or FR	in D-1015	
	D-1013		Manufacturing Procedures		+16W /PO	E	EN or FR	in D-1015	
	D-1014		Supplier Data Book (SDB) - Part 3: Inspection - Index		+4W /PO	E	FR	in D-1015	
	D-1015	x	Supplier Data Book (SDB) - Part 3: Inspection - Final documentation		1M /BD	E	FR	3P E+N	
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