ROSETTI MARINO

CONSTRUCTION READINESS REVIEW

CROSSWIND

Project: HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05

Status
Green-Completed
Yellow-In progress
Red-Not started

Construction Gate Timing
Gate 1 → Items required for Prefab Start up [16 November '23]
Gate 2 → Items required for Assembly Start up [08 January '24]
Gate 3 → Items required for outfitting [Pipe, E&I and Mech 01 June '24]
Gate 4 → Items required for Commissioning [01 July '24]

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		AUTHOR				Status (1)		Gate				Action	
		CW	RM	VENDOR	Description	G, Y, R	Contract Reference Document	1,2,3,4	Actual Document Reference /Link	Target Date	Comments/Notes	By	Date
PMT					**PMT GENERAL ITEMS**			-					
PMT	1				Review Project Org charts and Manpower Staffing Plans	Y	The contracto organisation shall be as per section 5, appendix A item 2	1	Project Organization Chart	16/11/2023	Minor comments to update on organogram	MB	10/11/2023
PMT	2				Review Craft histogram and resource availability with Client	G		1	Level 4 Baseline Schedule	16/11/2023			16/11/2023
PMT	3				Key Project Personal in place –Construction Engineers/Prod Enq'rs/Yard Supdts/Supervisors.	Y		1	Project Organization Chart	16/11/2023	Ref. To item 1	MB	10/11/2023
PMT	4				Review of lessons learned related previous projects .	G		1	Workshop planned on 23rd October	16/11/2023		ALL	16/11/2023
PMT	5				Has there been an asessment of required civil works,Load bearing tests (piles, skidways,deck stacking location, quayside works, dredging, etc.)	Y		2	Method dept/ Yard layout/ Support arrangen	08/01/2023		CA	15//12/2023
PMT	6				Review of impact of concurrent projects in the fabrication yard and layout of proposed area for BLPH	Y		2	Baseline schedule & Yard storyboard Monthly internal meeting with Yard Manager, Construction & Project Manager	08/01/2023	Waiting confirmation from National Fire Brigade about integrated test producing where the hydrogen may affect other neibouring project		13/10/2023
PMT	7				Has a Fabrication schedule been established (and is it being followed) for production meetings, subcontract meetings, material expedition review meeting, etc.	G		1	Baseline schedule & Subcontract plan	16/11/2023	Meeting held on wewekly basis with s-ctr Fabrication schedule part of baseline		16/11/2023
PMT	8	x			Necessary permits and appovals are in place (for example for Integrated testing of Company Provided Items. Agreement with the fire department in place)?	Y		2	Waiting confirmation from National Fire Brigade about integrated test producing where the hydrogen may affect other neibouring project	08/01/2023			13/10/2023
PMT	9	x			Please give a quick demo of the completions system and how do you plan to manage them. Does Rosetti use any completions system?	G		2	Corporate procedure Planning, Management and Performance Mechanical Completion No. Rev.: Date: Page: O-CON-3B-004 2019-00 22/11/19	08/01/2023	To present same slide into CRM3		
FABRICATION					**FABRICATION**			-					
FABRICATION	10				Review of written overall Construction Execution Plans Construction Execution Plan (CEP) accepted by COMPANY	G	Construction Execution plan shall be as per section 5 art. 5.1	1	Project Construction Execution Plan	16/11/2023	Construction Execution Plan issued, waiting feedback from CPY. We have commonly decided(RM/CW) that the Constructuability Review Meeting already held and the further ones,will be part of CEP and considered document lives updated till that moment.	WB	16/11/2023
FABRICATION	11				Fabrication related procedures & Method statements accepted by CPY, If necessary (Fabrication manuals and method design documents required issued. Schedule in place to secure timely issuance of remaining documents to meet construction schedule)	NOT APPLICABLE	Section V art. 2	2	To verify Rosetti procedures	08/01/2023	CEP, is the master accordingly with all Constructability Review Meeting held in parallel with the Engineering model Review 30%,60%,90% and final. For Fabrication the major guideline are the drawings issue in time accordingly with the schedule. During Fabrication and Construction Method statments is common to have in case we have failures during the activities. As an example during the welding activity if we have a issue even after joint reparation, in this particular case, we stop the activity and we prepare a Method Statments to close the	WB	13/10/2023
FABRICATION	12				Review of the status of Engineering deliverables; include the HOLD list and its impact on fabrication schedule.	Y		2	Fabrication Drawing list (Only relevant drawing)	08/01/2023			
FABRICATION	13				Confirm the appointment of contractor's senior member of the management team as a management sponser for the constructability programme.	NOT APPLICABLE	-	-		error		-	-
FABRICATION	14				List TQs having impact on fabrication and ensure controls in place for compliance.	G		1	To see TQ Register priot to start the activity	16/11/2023		CG	16/11/2023
FABRICATION	15				Has a Constructability review been performed based on latest fabrication sequence.	G		1	To see Constructability review meeting 2 jointly with Model Review 30%	16/11/2023	Constructability Review Meeting 2 planned on 7th November 2023	WB	16/11/2023
FABRICATION	16				Confirm the partecipation of the subcontractor's organisation identified for project execution in constructability review.	G		1		16/11/2023	Is not common to have S-CTR involve during Project Execution and Constructability. During the contractual phase prior to issue che P.O. to S-CTR is on duty of the Construction Manager to inform the S-CTR in all parts of the project.	WB	16/11/2023

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		CW	RM	VENDOR	Description	G, Y, R	Contract Reference Document	1,2,3,4	Actual Document Reference /Link	Target Date	Comments/Notes	By	Date
FABRICATION	17				Ensure Shop drawings / Work Packs for the areas of **Fabrication for first 8 weeks & monitor continuosly**	Y		1		16/11/2023		DLS	10/11/2023
FABRICATION	18				Has the Prefabrication plans and shop loading details issued	Y		1		16/11/2023	Information are shared on Sub contractor plan. PO for PG's and Nodes fabrication placed	WB	10/11/2023
FABRICATION	19				Has the Sub-assembly and Final Erection plans issued	G		2	Erection sequence	08/01/2023	Information are part of the Constructability Review Meeting. First informations will share during the CRM 2 planned on 7th November 2023		12/12/2023
FABRICATION	20				Has the critical lifts,deliverables identified and Key lift plan issued-Identify all Stacks/Flips/Floatover/rollup dates/heavy lifts /equipments installation/ Loadouts etc. and produce Construction Engg procedure deliverables and lifting equipments to the dates specified.	Y		2	Heavy lifting, calculation report and work inst	08/01/2023	Indentity as per Constructability Review Meeting		12/12/2023
FABRICATION	21				Confirm availbility of company approved heavy lift specalist at work sites for coordination,management and control of all heavy lifts.	G		2		08/01/2023	To verify with Yard Eng. And Construction Dept. All heavy lifts are in charge to the Yard Manager. Main lift will occure for loadout activity will coordinate by RM but subcontracted to Fagioli Spa (usually in RM Yard-ITA)		12/12/2023
FABRICATION	22				Ensure Erection skid / CPI and others details are issued and land bearing load test completed.	Y		2	Refer to all skid including CPI	08/01/2023	Eng. layout under definition		12/12/2023
FABRICATION	23				Confirm Construction deliverables Document revison control and shop drawings availability at site	Y		1		16/11/2023		WB	10/11/2023
FABRICATION	24				The contractor's organisation.List of Subcontractors and mobilisation plan in place including anticipated crew strength ,training and tools and equipments list.	Y		2		08/01/2023	Refere also to		12/12/2023
FABRICATION	25				Confirm availability of NDT drawings at shopfloor for startup	Y		1		16/11/2023	Information for NDT control are mentioned on the shop drawing list divide per category and also a QA/QC procedure already issued	WB	10/11/2023
FABRICATION	26				List of major TRAs	Y	HSE	1		16/11/2023		DF/DP	10/11/2023
FABRICATION	27				Equipment availability and usage schedule (cranes, pickers, manlifts, etc.) and establish receipt inspection requirements.	Y		1		16/11/2023		WB	10/11/2023
FABRICATION	28				Ensure the availability for following key documents ↓	SEE BELOW		-					
FABRICATION	29				Rigging plans with Below hook items certification and color coding details	Y		1		16/11/2023	Information share in HSSE Plan Onshore and Offshore	WB	10/11/2023
FABRICATION	30				Scaffold Plan – reviewed and agreed with HSE and Construction Manager	Y	Refer to section 9, art. 9,11	2		08/01/2023	See Constructuability Review Meeting 2		12/02/2024
FABRICATION	31				Yard layout plans	Y	Refer to section 9, art. 9,8	2		08/01/2023	See Constructuability Review Meeting 2		13/02/2024
FABRICATION	32				Painting Plans	Y	Refer to section 10, art. 10,6	2		08/01/2023	See Constructuability Review Meeting 2		14/02/2024
FABRICATION	33				Hydrotests Plan	Y	Refer to section 10, art. 10,2	3		01/06/2024	See Constructuability Review Meeting 2		15/02/2024
FABRICATION	34				Completions Plan	Y	Refer to section 10, art. 10,24	3		01/06/2024	See Constructuability Review Meeting 2		15/02/2024
FABRICATION	35				Punchlisting plan	Y	Refer to section 10, art. 10,24	3		01/06/2024	See Constructuability Review Meeting 2		15/02/2024
FABRICATION	36				Mechanical Completion	Y		3		01/06/2024	See Constructuability Review Meeting 2		15/02/2024
FABRICATION	37				Pre-commissioning Plan	R	Refer to section 10, art. 10,24	4		01/07/2024			15/02/2024
FABRICATION	38	x			Commissioning plans (Integrated Testing)	R	Refer to section 12, art. all	4		01/07/2024			15/02/2024
FABRICATION	39				Has the OFFSHORE installation philosphy of the BLPH module finalised and confirm the erection sequence and designed installation aids are compatible with installation philosphy.	Y		2	Last minute changes in installation philosphy requires changes in the design of installation aids and other accessories which have bearing on over all project schedule	08/01/2023	See Constructuability Review Meeting 2 (Preliminary information will share)		12/12/2023
FABRICATION	40	x			Has the load out philosphy for BLHP finalised and the final erection is inline with loadout requirements. (Check/involvement of DEME/HEBO?)	Y		2	To ref. at load-out procedure	08/01/2023	See Constructuability Review Meeting 2 (Prliminary information will share)		12/12/2023
FABRICATION	41				Has the special equipment /service identifed and sourced for the weighing of the BLPH as specified in the contract	Y		2	To ref. weighing procedure	08/01/2023	Subcontractor will execute the activity		12/12/2023
FABRICATION	42				Has the special load out equipment/services been identified and sourced, e.g. strand jacks, jacking subcontractor,SPMT etc	Y		3		01/06/2024	Subcontractor will execute the activity		
FABRICATION	43				Confirm Blasting and Coating procedures are approved and availability of facility and resources	G		2	Material selection report Painting & Coating procedure	08/01/2023	See Constructuability Review Meeting 2		12/12/2023
FABRICATION	44				E&I and Piping constructability workshop conducted	R		3		01/06/2024	See Constructuability Review Meeting 2 (Preliminary information will share)		12/12/2023
FABRICATION	45				Review of any known construction related issues	R		2		08/01/2023			12/12/2023
FABRICATION	46				Confirm the availbility of necessary multi focal digital cameras at work sites for recording safety,construction progress and quality issues that may arise	G		2		08/01/2023	Not required as per contract	WB	13/10/2023
FABRICATION	47	x			Required risk analysis are in place, identified and index of scheduled **HAZIDs** to be performed established.	G		1		16/11/2023	Workshop for Hazid-Const. already held on 24th October for First cut and fabrication purpose. Next session prior erection to plan on beginning of March 2024		16/11/2023
FABRICATION	48	x			Procedures and routines for material control are in place	G		1	CORPORATE PROCEDURE	16/11/2023			16/11/2023
FABRICATION	49	x			Storage areas for materials and fabricated parts cleared and ready for receipt	G		1	CORPORATE PROCEDURE	16/11/2023			16/11/2023
FABRICATION	50	x			Material certified and approved for use	G		1	CORPORATE PROCEDURE	16/11/2023			16/11/2023
FABRICATION	51	x			CPI's Storage and preservation	R		2		08/01/2023			
FABRICATION	52				Availability of Weight Control Report	Y		1		16/11/2023		DLS	10/11/2023
FABRICATION	53				Eng. to confirm readiness for construction	Y		1		16/11/2023		DLS	10/11/2023
PR. CONTROL					**PROJECT CONTROLS**			-					
PR. CONTROL	54				Detailed review of Level 4 Schedules	G		1	Level 3 schedule Ref.Document Number: 123A90-PML-PM-PL-00024 approved code 1 Level 4 already provided by CTR	16/11/2023		RM	16/11/2023
PR. CONTROL	55				Progress tracking of engineering (shop drawings and fab detailing) in place	Y		1	Detail eng.progress monitoring on going based on Lev.3 Baseline schedule Construction Eng. Not yet started	16/11/2023	Calculation sheet ready. Issuing foreseen middle of november	MR	10/11/2023
PR. CONTROL	56				Set up and operation of all necessary project control system	G		1	All tools necessary to monitor the activities o	16/11/2023		RM	16/11/2023
PR. CONTROL	57				Fabrication schedule approved and agreed by all key Project members.	G		1		16/11/2023		RM	16/11/2023
PR. CONTROL	58				Man power forecast and mobilisation plan issued based on approved schudule	G		1	Baseline schedule Manpower Histogram	16/11/2023		RM	16/11/2023
PR. CONTROL	59				Have Kick-off Fab Planing meeting 1 month before FAB start	NOT APPLICABLE		1	Subcontr. Plan provided to company.	16/11/2023			
PR. CONTROL	60				Progress Measurement Standards Set-Up including shop counts	G		1	Project control plan provided	16/11/2023		RM	16/11/2023
PR. CONTROL	61				Progress measurement document issued and approved by COMPANY	G		1		16/11/2023		RM	16/11/2023
PR. CONTROL	62				Confirm Manpower Availability & equipments one month prior to fabrication start	G		1	Ref. Subctr plan	16/11/2023	Monitored during weekly construction meeting	RM	16/11/2023
PR. CONTROL	63				Critical Path activities identified and being monitored	G	As per approved level-4 schedule	1	Analized in the Baseline schedule assumption and monitored on weekly basis	16/11/2023	H2 storage vessel Trafo Gis	RM	16/11/2023
PR. CONTROL	64				Critical items list identified and is being monitored	G	As per approved level-4 schedule	1	Analized in the Baseline schedule assumption and monitored on weekly basis	16/11/2023		RM	16/11/2023
PR. CONTROL	65				Perform Schedule Logic Check meeting - prior to start of fab	G	As per approved level-4 schedule	1	Baseline schedule Review meeting held by the parties before the acceptance	16/11/2023		RM	16/11/2023
PR. CONTROL	66				Set-up Progress measurement and reporting system in compliance with Contract	G		1	Baseline schedule & PMS & S-Curve	16/11/2023		RM	16/11/2023
PROCUREMENT					**PROCUREMENT**			-					
PROCUREMENT	67				Has company approved incoming material inspection procedure issued	G	O-PRO-4B-002 (internal procedure)	1	Materials receiving	16/11/2023		AM	16/11/2023
PROCUREMENT	68				Material receiving and laydown plans available and issued, **including CPI's (ref. Item 51)**	Y		2		16/11/2023	Materials receiving (see above row) - Laydown plans need to be checked with warehouse manager	WAREHOUSE MANAGER	13/10/2023
PROCUREMENT	69				Has the overall material handling (including sub- subcontractors) plans issued	Y	Section V	2	Art.8.12.6 Material Management Plan (part of Project Execution Plan)	01/01/2024		AM	10/12/2023
PROCUREMENT	63				Has the company approved Preservation procedure along with preservation matrix issued	Y	Section IX	2	Art.4.0(g) (xxiv) Storage, Packing, Protection and Preservation Procedure	01/01/2024	See deliverables list issued by MB on 20/07/2023	WB/RDE	10/12/2023

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PROCUREMENT	70				Has the project preservation requirements agreed with the vendors and subcontractors	Y	Section IX	2	Art.4.0(g) (xxiv) Storage, Packing, Protection and Preservation Procedure	01/01/2024	These should be deliverables that each Vendor / Subcontractor has to develop and issue to RM for approval, considering the specific kind of materials and the environmental conditions.	VENDORS	10/12/2023
PROCUREMENT	71				Has the preservation requirements identified for the yard storage and arragements in place.	Y	Section IX	2	Art.4.0(g) (xxiv) Storage, Packing, Protection and Preservation Procedure	01/01/2024	See above	VENDORS	10/12/2023
PROCUREMENT	72	x			Procurement schedule/material delivery aligned with fabrication schedule	G	Section V	1	Art.8.3.1. Contracting and Procurement Plan, included in the Project Execution Plan	16/11/2023		AM	16/11/2023
					LOGISTICS & MATERIALS			-					
LOGISTIC AND MA	73				Identify & Quantify storage space for project materials including equipments	Y		2		08/01/2023	Accordingly with the SubCtr plan area will be available on site based also with the reccomandation of the vendors. CW has to share information about CPI about lifting/preservation.	WAREHOUSE MANAGER	10/12/2023
LOGISTIC AND MA	74				Identify & Quantify storage space (and show in yard layouts) for items required later	Y		2		08/01/2023	Accordingly with the SubCtr plan area will be available on site based also with the reccomandation of the vendors. CW has to share information about CPI about lifting/preservation.	WB	10/12/2023
LOGISTIC AND MA	75				Identify and allocate space required for Subcontractors	G		2	Yard assignement accordingly with Yard manager. Normally used south area of the yard or office if manageable	08/01/2023		WB	10/12/2023
LOGISTIC AND MA	76				Confirm availability and QA/QC clearance of Materials required to commence Fabrication and continue for at least for 8 wks	G		1	Materials purchased as per spec. or highest quality in order to mantain the contractual requirement. Materials traceability always available based of RM corporate procedure **Management of material traceability information No. Rev.: Date: Pag.: O-PRQ-5B-001 2014-00 02.04.2014 1 di 3**	16/11/2023		WB	16/11/2023
SAFETY					**SAFETY**			-					
SAFETY	77				Has the HSSE Plan been issued?	G	The HSES plan shall be as per the Exhibit-L of the contract	1	Doc. ref. 123A90-PML-QHSE-PL-00001	16/11/2023		DF	16/11/2023
SAFETY	78				Review safety performance to date	G		1	Refer to lessons learn review	16/11/2023	Project performance review quarterly	DF	16/11/2023
SAFETY	79				Review safety execution plans for project	G		1		16/11/2023	TBC performance review quarterly	DF	16/11/2023
SAFETY	80				HAZID - HIRA workshop	G		1	Ref. 123A90-PML-QHSE-PRO-00068_HIRA	16/11/2023	Held on the 24th of Oct.	DF	16/11/2023
SAFETY	81				CROSSWIND Project safety objectives are clearly communicated to fabrication shops and field personnel at all levels	Y		1	Doc. ref. 123A90-PML-QHSE-PL-00001 endorsed by person in charge	16/11/2023	Kick of with Supervisor and subcontractors	WB	10/11/2023
SAFETY	82	x			Project **TRIR/TIFR** targets identified and published	G		1	Doc. ref. 123A90-PML-QHSE-PL-00001	16/11/2023	Targets defined in the contract HSSE plan	DF	16/11/2023
SAFETY	83				HSES Plan & relevant Procedures issued and approved (LIVE DOCUMENT ALL GATES)	G	corporate procedures	1	Ref. 123A90-PML-QHSE-PL-00001 and corporate procedure applied	16/11/2023	No action from RM. Future consideration for commissioning activities	DF/DP	16/11/2023
SAFETY	84				HIRA register issued and applicable HIRA reviewes completed and Critical Actions Tracking Registers (CATR)signed off	G		1	Ref. 123A90-PML-QHSE-PRO-00068_HIRA	16/11/2023	Action identified to be followed up within due date	DF	16/11/2023
SAFETY	85				Conduct HSSE Readiness review	Y		1		16/11/2023	On week 45 Audit as per IOGP 597 AssessmentTool	DF/DP	10/11/2023
SAFETY	86				Project HSE Audits prior to fabrication starts completed & Schedule Issued for futures audits	G		1		16/11/2023	Corporate HSSE audit plan will include CW project.	DF	16/11/2023
SAFETY	87				Project HSE activities: inspections, coordination meeting safety campaign. Calendar will isuee (LIVE DOCUMENT ALL GATES)	Y		1		16/11/2023	Yard HSSE Activity Plan.	DF/DP	10/11/2023
SAFETY	88				CONTRACTOR and SUB CON Safety officers are available full time per contracts agreed ratio.	Y		2		08/01/2023	During construction at workshop RM one Safety Officer will be at site. During construction the rate will be 1/50	DF	18/10/2023
SAFETY	89				List of major TRAs applicable for construction phase	G		1	Corporate procedure to apply (also reference to RA)	16/11/2023	Workshop activities covered by corporate procedures	DF	16/11/2023
SAFETY	90				List of major TRAs applicable for commissioning	R		4	Corporate procedure to apply (also reference to RA)	01/07/2024	Workshop activities covered by corporate procedures	DF	18/10/2023
SAFETY	91				List of major TRAs applicable for CPI's vendors	R		3	Corporate procedure to apply (also reference to RA)	01/06/2024	Workshop activities covered by corporate procedures	DF	18/10/2023
SAFETY	92	x			Key HSSE resources mobilized ?	G		1		16/11/2023	PHSEM Manager full time form the fist cut	DF	16/11/2023
SAFETY	93	x			HSSE competency for critical roles establised (Project Manager , Construction manager, construction supervisors, safety officers …)	G		1	Outlined in the doc. ref. 123A90-PML-QHSE-PL-00001 and as per corporate Job description.	16/11/2023		DF	16/11/2023
SAFETY	94	x			Specific HSSE risks controls in place as per project hazards identification (HAZID) , Capability to manage SIMOPS risks. CONSTRUCTION PHASE	G		1	Ref. 123A90-PML-QHSE-PRO-00068_HIRA	16/11/2023	1)March'24 HAZID review for ERECTION 2)June'24 HAZID for COMMISSIONING	DF	16/11/2023
SAFETY	95	x			Specific HSSE risks controls in place as per project hazards identification (HAZID) , Capability to manage SIMOPS risks. CONSTRUCTION PHASE	Y		2	Ref. 123A90-PML-QHSE-PRO-00068_HIRA	08/01/2023	1)March'24 HAZID review for ERECTION 2)June'24 HAZID for COMMISSIONING	DF	18/10/2023
SAFETY	96	x			Specific HSSE risks controls in place as per project hazards identification (HAZID) , Capability to manage SIMOPS risks. CONSTRUCTION PHASE	Y		3	Ref. 123A90-PML-QHSE-PRO-00068_HIRA	01/06/2024	1)March'24 HAZID review for ERECTION 2)June'24 HAZID for COMMISSIONING	DF	18/10/2023
SAFETY	97	x			Specific HSSE risks controls in place as per project hazards identification (HAZID) , Capability to manage SIMOPS risks. COMMISSIONING & INTEGRATED TESTING	R		4	Ref. 123A90-PML-QHSE-PRO-00068_HIRA	01/07/2024	1)March'24 HAZID review for ERECTION 2)June'24 HAZID for COMMISSIONING	DF	18/10/2023
SAFETY	98	x			Emergency response resources to cope with initial scenarios (Drill plan Testing emergency communication flow before first cut)	Y		1	Corporate ERP to apply as per doc 123A90-PML-QHSE-PL-00002	16/11/2023	further review for commissioning works	DF/DP	10/11/2023
SAFETY	99	x			HSSE rules and procedures developped - project HSSE induction	G		1	Corporate induction (+additional information to share with CPY)	16/11/2023	further consideration	DF	16/11/2023
SAFETY	##	x			HSSE rules and procedures developped - project HSSE induction (Commissioning Phase and Integrated test)	R		4	Corporate induction (+additional information to share with CPY)	01/07/2024	further consideration	DF	18/10/2023
SAFETY	##	x			Project HSSE Leadership commitment and visibility (Plans and evidence of involvement of leaders in site safety engagement – site visits, HSE walkabouts, toolbox meeting attendance)	G		1	Charter + leading targets	16/11/2023	Part of First Cut Ceremony	DF	16/11/2023
SAFETY	##	x			Safety Initiatives : – planned celebrations, awareness campaigns, safety recognition schemes	Y		2	On monthly basis starting from January	08/01/2023		DF	18/10/2023
SAFETY	##	x			Local regulatory Pemit/Autorisation obtained from the local authorities	G		1	AUA (environment licence) and CPI (fire certificate) (referent to permit meeting held on the 23-10)	16/11/2023	pending information for integrated test (commissioning)	DF	16/11/2023
SAFETY	##	x			Local regulatory Pemit/Autorisation obtained from the local authorities (Ref. To Integrated test)	R		4	AUA (environment licence) and CPI (fire certificate) (referent to permit meeting held on the 23-10)	01/07/2024	pending information for integrated test (commissioning)	DF	18/10/2023
SAFETY	##	x			All subcontractors going to be mobilised have gone successfully through HSSE pre qualification process	G		1	https://hsedoc.rosetti.it/	16/11/2023	web-portal database to collect and approve contractors documentation	DF	16/11/2023
SAFETY	##	x			Overall site layout :Vehicle and pedestrian ways that are separated, project separated from other adjacent projects	G		2	Corporate procedure to apply	08/01/2023	To be implemented during project life	DF	18/10/2023
SAFETY	##	x			HSSE Communication Signs available at mobilization	G		2		08/01/2023	To be implemented during project life	DF	18/10/2023
SAFETY	##	x			Involved personnel received sufficient HSSE training?	G		1		16/11/2023	As per Italian law - training archived by HR Dept.	DF	16/11/2023

ROSETTI MARINO

CONSTRUCTION READINESS REVIEW

CROSSWIND

Project: HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05

Status
Green-Completed
Yellow-In progress
Red-Not started

Construction Gate Timing
Gate 1 → Items required for Prefab Start up [16 November '23]
Gate 2 → Items required for Assembly Start up [08 January '24]
Gate 3 → Items required for outfitting [Pipe, E&I and Mech 01 June '24]
Gate 4 → Items required for Commissioning [01 July '24]

MB → Massimiliano Brunelli
WB → Wolmer Borghi
RDE → Raffaele degli
DLS→ Davide Lo Sterzo
CG→ Claudia Giunchi
DF → Davide Franchi
DP → Daniele Ricci Picciloni
MR→ Marco Roncoroni
AM → Andrea Marongiu

		AUTHOR				Status (1)		Gate				Action	
		CW	RM	VENDOR	Description	G, Y, R	Contract Reference Document	1,2,3,4	Actual Document Reference /Link	Target Date	Comments/Notes	By	Date
SAFETY	##	x			Actions from the HSSE readiness review closed/adressed?	Y		2		08/01/2023		DF	18/10/2023
SAFETY	##	x			Relevant KPI's agreed with COMPANY?	G		1		16/11/2023	On week 45 Audit as per IOGP 597 AssessmentTool	DF	16/11/2023
SAFETY	##	x			HSSE Incident notification plan esteblished?	G		1	As per doc 123A90-PML-QHSE-PL-00001	16/11/2023		DF	16/11/2023
SAFETY	##	x			HSSE meeting structure OK?	G		1	As per doc 123A90-PML-QHSE-PL-00001	16/11/2023		DF	16/11/2023
SAFETY	##	x			Protocols established for site communications between Contractor and Company (e.g. including site inductions, si	Y		1	As per other disciplines	16/11/2023	test communication with CW during the first drill	DF/DP	10/11/2023
QUALITY					**QUALITY**			-					
QUALITY	##				Has the Project Quality Plan been issued?	G	Refer to section IX - QUALITY MANAGEMENT- # 4.0	1	Project Quality Plan	16/11/2023		RDE	16/11/2023
QUALITY	##				Welding Procedures for structural & piping	Y	Refer to: section IX -QUALITY MANAGEMENT- # 7.0 section V – SCOPE DESCRIPTION- # 9 & 10	1	Welding Book for Structure Welding Book for Piping	16/11/2023	Piping welding book issuing foreseen for next year	RDE	10/11/2023
QUALITY	##				Confirm availbility of weld repair procedure (part of welding book)	Y	Refer to: section IX -QUALITY MANAGEMENT- # 7.0 section V – SCOPE DESCRIPTION- # 9 & 10	1	Welding Book for Structure Welding Book for Piping	16/11/2023		RDE	10/11/2023
QUALITY	##				Confirm the availbality of required qualified welders	Y	Refer to: section IX -QUALITY MANAGEMENT- # 7.0 section V – SCOPE DESCRIPTION- # 9 & 10	1	Welder List	16/11/2023		RDE	10/11/2023
QUALITY	##				Have the Project Audit verification been issued?	G		1		16/11/2023	Approved code 1 for structure	RDE	16/11/2023
QUALITY	##				Have the Project Inspection & Test Plans been issued?	Y	Refer to: section IX -QUALITY MANAGEMENT- # 7.0 section V – SCOPE DESCRIPTION- # 9 & 10	1	ITP	16/11/2023	Waiting for CPY reply	RDE	10/11/2023
QUALITY	##				Define the project QA/QC organization	G	Refer to section IX - QUALITY MANAGEMENT- # 4.0	1	Project Organization Chart	16/11/2023		RDE	16/11/2023
QUALITY	##				Welding Consumables availability and compliance checked and in place for Rosetti Marino Scope of work	G	Refer to: section IX -QUALITY MANAGEMENT- # 7.0 section V – SCOPE DESCRIPTION- # 9 & 10	1	Welding Consumable Control Procedure	16/11/2023	The welding activities will be carried out by a designated subcontractor. The verification of the availability of welding consumables is carried out after the issuance of the WPS (Welding Procedure Specifications). In case they are not available in the subcontractor's warehouse, the subcontractor shall arrange for the purchase. The Contractor performs the verification of compliance with the WPS.	RDE	16/11/2023
QUALITY	##				Has the Project Dimension Control and acceptance Criteria issued ?	G	Refer to: section V - SCOPE DESCRIPTION- # 10	1	Dimension Control Procedure	16/11/2023		RDE	16/11/2023
QUALITY	##				Confirm availability of all NDT procedures for Rosetti Marino Scope of work	G	Refer to: section V – SCOPE DESCRIPTION- # 10	1	NDT procedure	16/11/2023		RDE	16/11/2023
QUALITY	##				Confirm the availbility of required Qualified NDT operators	Y	Refer to: section V – SCOPE DESCRIPTION- # 10	1	NDE Operator List and Qualification Certificates	16/11/2023		RDE	10/11/2023
QUALITY	##				Prepare a log and Review of known Quality Issues at this time.	R		2	**Ref. To add**	08/01/2023	Process in place details to share to discipline leaders	RDE	10/12/2023
QUALITY	##	X			Tool-box with fitters and welders performed?	Y		1	**Ref. To add**	16/11/2023		RDE	10/11/2023
QUALITY	##	X			KPI's esteblished for the work?	G		1	**Ref. To add**	16/11/2023		RDE	16/11/2023
QUALITY	##	X			WINPCS setup for construction completed?	R		2	**Ref. To add**	08/01/2023		RDE	
QUALITY	##	X			Fabrication records archieve system esteblished/in place (WINPCS, etc.).	R		2	**Ref. To add**	08/01/2023		RDE	
QUALITY	##	X			Material tracebility system in place and material traceability verified (WINPCS)	R		2	**Ref. To add**	08/01/2023		RDE	
QUALITY	##	X			QC check lists etc esteblished?	G		1	**Ref. To add**	16/11/2023		RDE	16/11/2023
QUALITY	##	X			Qualification of processes have been performed and approved (WPS for welding, fitting)	G		1	**Ref. To add**	16/11/2023		RDE	16/11/2023
QUALITY	##	X			Qualification of processes have been performed and approved (painting)	R		2	**Ref. To add**	08/01/2023		RDE	
QUALITY	##	X			Qualification of personnell performed and verified (welders, NDT operators, etc.)	Y		1	**Ref. To add**	16/11/2023	NDT operators -> ISSUED Welders -> Not YET	RDE	10/11/2023
QUALITY	##	X			Qualification of personnell performed and verified (painters)	R		2	**Ref. To add**	08/01/2023	NDT operators -> ISSUED Welders -> Not YET	RDE	
QUALITY	##	X			Routine for issuing request for inspection to Company established and information provided to contractors responsible personnel.	G		1	**Ref. To add**	16/11/2023		RDE	16/11/2023
QUALITY	##	X			Dimensional requirements identified and communicated to fabrication?	Y		1	**Ref. To add**	16/11/2023	Procedure available	RDE	10/11/2023
QUALITY	##	X			Requirements and process regarding collection, collation and recording of as-built and records are in place	G		1	**Ref. To add**	16/11/2023		RDE	16/11/2023
QUALITY	##	X			Shop drawings and reports for the work issued for construction	Y		1	**Ref. To add**	16/11/2023	On going	RDE	10/11/2023