

RESPONSE TO THE CONSULTANT'S DESIGN REVIEW COMMENTS							DATE		23.03, 2025			
PROJECT NAME:		The Project of the New Port of Caio in Cabinda										
MAIN SUBJECT:		RESPONSE TO CONSULTANT'S DESIGN REVIEW COMMENTS RAD-CRBC-129				SECTION OF PROJECT		LOT 1 <input checked="" type="checkbox"/> LOT 2 <input type="checkbox"/> LOT 3 <input type="checkbox"/> OTHERS <input type="checkbox"/>				
ROAD NETWORK	CIVIL	FIRE PROTECTION	ELECTRICAL	INSTRUMENT	STRUCTURAL	MECHANICAL PROCESS	HVAC	PLUMBING	GEOTECHNICAL	ESTIMATING	PROJECT	OTHER
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PREPARED BY:		DESIGN TEAM OF CRBC CAIOPORT PROJECT MANAGEMENT				REVIEW DOCUMENT REF. & DATE OF THE CONSULTANT		RAD-CRBC-129 DD FREE ZONE GATE 2_SE20250314 (ARCHITECTURAL PART)				
REVIEWER BY:		Gao Changsheng / CHIEF ENGINEER OF CRBC CAIOPORT PROJECT MANAGEMENT				CONTRACTOR'S RESPONSE REF.		RAD-129A(ARCHITECTURE)				
COMMENT NUMBER	DRAWING, SPECIFICATION, OR PAGE NUMBER	CONSULTANT'S COMMENT & CONTRACTOR'S RESPONSE				A	AGREED			CONTRACTOR'S ACTION		
						C	CLARIFICATION					
						S	SUBMIT SUPPLEMENTARY INFO LATER					
						E	EXCEPTION					
1		<b>General</b>										
	LOT1_DD_1010-A-00	<p>For a clear understanding of the level of detailing on this design stage please refer to the comments from RAD-CRBC-144 DD Workshop_SE20250228 (ARCH Part) and L1_SE_CCD00123_RAD144_20250228</p> <p>- Add coordination plans for all the utilities and details for different utilities crossings, heights, dimensions, position of final fixtures, etc</p> <p>- Add details of utilities penetrations in the walls (heights, dimensions, etc);</p> <p>- Add on the floor plan position of different vertical utilities, dimensions, details, etc;</p> <p><b>Response: Accepted. The drawings have been deepened with the comments from RAD-CRBC-144 DD Workshop SE20250228 (ARCH Part) and L1 SE CCD00123 RAD144 20250228.</b></p> <p><b>Details of utilities penetrations in the walls, have been added.</b></p> <p><b>Position of different vertical utilities, dimensions, details, have been added.</b></p>				A						
	LOT1_DD_1010-A-00	<p>Changes to the plans shall be indicated with a cloud in the next resubmission.</p> <p><b>Response: Accepted. Cloud has been added.</b></p>				A						
	LOT1_DD_1010-A-01	<p>1. Add setting up coordinates table</p> <p><b>Response: Accepted. The coordinate table has been supplemented.</b></p> <p>Revise</p> <p><b>Response: Accepted. It has been revised.</b></p> <p>Revise general representation of the area considering also the remarks to</p>				A						

		<p>the Personal Gate</p> <p><b><u>Response:</u>Accepted. It has been revised.</b></p>	
	LOT1_DD_1010-A-02	<p>traffic protection system to be detailed</p> <p><b><u>Response:</u>Accepted. traffic protection system has be detailed.</b></p>	A
	LOT1_DD_1010-A-02	<p>General comments applicable to alldrawings: all characteristics of the materials has to be defined and specified in the legend of all drawings</p> <p><b><u>Response:</u>Accepted. Material Properties have been supplemented.</b></p> <p>has to be anti-slip finishing (ie brushed)</p> <p><b><u>Response:</u>Accepted. The engineering practice of the traffic island ground has been revised to surface brushed</b></p> <p>define the coating systems of metallic elements taking in consideration the requirements for C5M environment</p> <p>- define the the detailed roofing system - if the systems will be defined as shop drawings by the manufacturer at a later stage, then the material specifications has to be define (type of metallic elements, anti-corrosion systems, types of fasteners, carachteristics of sealing elements, etc)</p> <p>- define the the detailed rain-water collection system - if the systems will be defined as shop drawings by the manufacturer at a later stage, then the material specifications has to be define (type of metallic elements, anti-corrosion systems types of fasteners/straps/brackets, carachteristics of sealing elements, etc)</p> <p><b><u>Response:</u></b></p> <p><b>Accepted. The coating systems of metallic elements have be defined. The systems will be defined as shop-drawings by the manufacturer at a later stage, the material specifications of the roofing system and rain-water collection system has to be define.</b></p> <p>where is the water heater? position, support, protection, details?</p> <p><b><u>Response:</u></b></p> <p><b>Accepted. The water heater, support, protection, has been added</b></p> <p>Dimensions? Elevetions? (please refer to all relevant elements not only to the indicated ones)</p> <p><b><u>Response:</u>Accepted. Dimensions and elevetions have been added</b></p>	A
	LOT1_DD_1010-A-03	<p>serie 3603 where is the air conditioning?</p> <p><b><u>Response:</u> Accepted. The air conditioner has been supplemented.</b></p> <p>Define the painting scheme and add details for signaling paint (black/yellow) on relevant sections of the faciility</p> <p><b><u>Response:</u> Accepted. The signaling paint (black/yellow) has been</b></p>	A

		<p>added to the collision protection. For details, please refer to the safety guardrail detail.</p> <p>elevations of different structure elements are missing</p> <p><b><u>Response:</u> Accepted. Elevations have been added.</b></p> <p>missing impact protection</p> <p><b><u>Response:</u> Accepted. Impact protections have been added.</b></p> <p>- define the coating systems of metallic elements taking in consideration the requirements for C5M environment</p> <p>- define the the detailed roofing system - if the systems will be defined as shop-drawings by the manufacturer at a later stage, then the material specifications has to be define (type of metallic elements, anti-corrosion systems, types of fastners, carachteristics of sealing elements, etc)</p> <p>- define the the detailed rain-water collection system - if the systems will be defined as shop-drawings by the manufacturer at a later stage, then the material specifications has to be define (type of metallic elements, anti-corrosion systems, types of fastners/straps/brackets, carachteristics of sealing elements, etc)</p> <p><b><u>Response:</u></b></p> <p><b>Accepted. The coating systems of metallic elements have be defined. The systems will be defined as shop-drawings by the manufacturer at a later stage,the material specifications of the roofing system and rain-water collection system has to be define.</b></p> <p>Stairs design missing from both structural and architectural design</p> <p>detail design of the hand-rails missing</p> <p><b><u>Response:</u>Accepted. The detailed drawings of the steps and handrails have been supplemented.</b></p> <p>rain water down-pipes missing (sections, details,etc)</p> <p><b><u>Response:</u>Accepted. rain water down-pipes have been supplemented.</b></p>	
	LOT1_DD_1010-A-04	<p>Threshold detail missing</p> <p><b><u>Response:</u> Accepted. Threshold detail has been supplemented.</b></p> <p>further comments will be given when thefinal drawings will be submitted</p> <p><b><u>Response:</u> Submit supplementary info • later. The specification parameters of the office container will be defined as shop drawings by the manufacturer at a later stage.</b></p> <p>where this is applying?</p> <p><b><u>Response:</u> Accepted. It has been deleted.</b></p> <p>water heater?</p>	A

		<p><b><u>Response:</u> Accepted. water heater has been added.</b></p> <p>protection/concealing?</p> <p><b><u>Response:</u> Accepted. brick walls have been newly added as protection for the pipeline.</b></p>	
	LOT1_DD_1010-A-05	<p>-doors and windows and all metallic components (hardware, leafs, thresholds, profiles etc) has to meet anti corrosion requirements criteria</p> <p>-doors and windows has to be sealed on all four sides -Series 3310-3313</p> <p>- doors has to have resistance to wind pressure as required in accordance to EN 12424 and static calculations -SERIES 3310</p> <p>U-value <math>\leq 0.60 \text{ W/m}^2\text{K}</math> (heat transfer coefficient) of whole window</p> <p>Sound reduction <math>&gt; 35 \text{ dB}</math> (decibel) at average 100 to 3150 Hz (Hertz)Glass shall be tinted -SERIES 3311</p> <p>- Internal sunblinds shall be installed in front of the windows - SERIES 3301.8</p> <p>Glass shall be tinted -SERIES 3311</p> <p>Please align with all requirements from SERIES 3300</p> <p><b><u>Response:</u> Accepted. These explanations have been added.</b></p> <p>correct the window label</p> <p><b><u>Response:</u> Accepted. It has been revised.</b></p> <p>shower glass partition to be added</p> <p><b><u>Response:</u> Accepted. It has been revised.</b></p> <p>correct the detail</p> <p><b><u>Response:</u> Accepted. It has been revised.</b></p>	A
	LOT1_DD_1023-A-06	<p>The detail is general and not sufficient for this level of design</p> <p><b><u>Response:</u> Accepted. The detailed drawings have been further developed. Steel components such as roof purlins and structural beams for steel structures of the building will be finalized by the supplier in the form of manufacturing drawings and confirmed by the consultant before purchase orders can be placed and construction can commence.</b></p> <p>how a dimension can be more or equal?</p> <p><b><u>Response:</u> Accepted. It has been revised.</b></p> <p>detailed drawings of the system missing</p> <p><b><u>Response:</u> Accepted. It has been deepened.</b></p>	A

	<p>LOT1_DD- DR_1023- A-01</p>	<p>The report is not sufficiently developed in comparison to the Final Design Report, it is not fully meeting the necessary requirements or provide the level of detail typically expected in a comprehensive Detailed Design report. The depth of analysis, procedures description, technical specifications, and supporting documentation are not aligned with the standards required for a complete and finalized Detail Design.</p> <p><b><u>Response:</u> Accepted. The report has been sufficiently developed</b></p> <p>anticorrosion system has to be defined based on the C5M environment class</p> <p><b><u>Response:</u> Accepted. It has been revised.</b></p> <p>-Down pipes have to be protected from accidental traffic loads -SERIES 3312</p> <p><b><u>Response:</u> Accepted. It has been added</b></p> <p>see above comment regarding the anticorrosion system</p> <p><b><u>Response:</u> Accepted. The content of the anti-corrosion of the steel structure has been supplemented</b></p> <p>what is the type of the finishing</p> <p><b><u>Response:</u> Accepted. the type of the finishing is pvc, it has been supplemented.</b></p> <p>0.6w/m<sup>2</sup>K</p> <p><b><u>Response:</u></b></p> <p><b><u>Clarification. According to the meeting minutes document "2024-06-03_Meeting Protocol CRBC Visit_lhe", heat transfer coefficient of whole window U-value = 1.7 W/m<sup>2</sup>K.</u></b></p> <p>doors and windows and all metallic components (hardware, leafs, thresholds, profiles etc) has to meet anticorrosion requirements criteria- doors and windows has to be sealed on all four sides - Series 3310-3313- doors has to have resistance to wind pressure as required in accordance to EN 12424 and static calculations -SERIES 3310</p> <p>-U-value ≤ 0.60 W/m<sup>2</sup>K (heat transfer coefficient) of whole window - SERIES 3311</p> <p>Sound reduction &gt; 35 dB (decibel) at average 100 to 3150 Hz (Hertz)- SERIES 3311</p> <p>- Internal sunblinds shall be installed in front of the windows - SERIES 3301.8</p> <p>-Glass shall be tinted -SERIES 3311</p> <p><b><u>Response:</u> Accepted. These explanations have been added.</b></p>	<p>A</p>
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