




OWNER:	CONCEPTUAL, BASIC and DETAIL DESIGN			CONTRACTOR:
	ENGINEERING OF STYRENE PARK OFFSITE			
	TECHNICAL CLARIFICATION LETTER			
Contract No.				TCL Rev. : 00
Project Doc. No. :	Receiver Header			TCL Date : 26-Sep-2024
VENDOR's Name: DAMAFIN	VENDOR's Offer No. : 03-ASP-TC-2823-MY	Offer Date: 24-Sep-2024	Offer Rev. :00	Page 1 of 11

NO.	1 st PURCHASER'S COMMENTS	1 st VENDOR'S REPLY	2 nd PURCHASER'S COMMENTS	2 nd VENDOR'S REPLY	CONCLUSION
A	GENERAL ITEMS				
1.	Technical Bid Evaluation will be done based on vendor's reply on purchaser's comment and revised offer. There is no time for second stage of clarification so vendor should check this TCL in detail and provide complete and clear reply along with all necessary data/document.	confirmed			
2.	Vendor is sole responsible to consider this clarification and modify his offer based on this TCL. All modifications which need to be considered on the next revision of offer based on this clarification should be clearly marked with revision and cloud marks. Anyway this clarification has priority over the offer.	confirmed			


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3.	<p>Vendor to confirm that scope of work and supply are in full compliance with Material Requisition (MR) and its attachments and relevant codes and standards mentioned on MR and specifications.</p> <p>Vendor shall mention any deviation / alternative compared with requirements of MR and its attachments on the Deviation Form with sufficient technical reasons.</p> <p>Purchaser has no responsibility to discover any deviations entered in Vendor's proposal.</p> <p>Deviations which are not listed in the Deviation Form are not valid and in case of order no deviation or alternative would be acceptable except the ones specified on the mentioned form and finalized before order at clarification stage.</p>	confirmed			
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	Un-Priced Sub-Vendor order should be submitted for Client in case of order in detail stage. Vendor shall guarantee suitability of all using materials (chemical composition, mechanical properties and origin of materials)				
4.	All welds should be applied based on approved WPS/PQR. No welding is allowed before approval on WPS/PQR.	confirmed			
5.	In case of order Vendor should provide his quality control plan (VQCP) based on requirements specified on MR and its attachment and also vendor's experiences and send for approval. Purchaser's ITP attached to MR is a minimum requirement and vendor should consider it as a base	confirmed			


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	<p>and provide comprehensive Quality Control Plan.</p> <p>In case of order Vendor should provide complete NDE Map based on requirements specified on MR and its attachment and also vendor's experiences and send for approval.</p> <p>Approved Vendor quality control plan (VQCP) and approved Vendor procedures/NDE Map will be the base for carrying out all required inspection and test.</p>				
6.	<p>Spare parts for pre-commissioning, commissioning and start up is in vendor scope of supply and should be fully as per requirements indicated on MR and its attachment. Vendor is responsible to recommend any additional required spares based on technical aspect, safe operation, his experiences and normal practices.</p>	confirmed			


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	Please send optional quotation (separately from original price).				
7.	<p>Vendor shall send his optional quotation (separately from original price) for supply of spare parts for Two Years Operation.</p> <p>Purchaser has right to change and modify items, quantities of all specified as spare parts.</p> <p>Vendor is responsible to recommend any required spares based on technical aspect, safe operation, his experiences and normal practices.</p>	confirmed			
8.	Packing, shipping preparation and preservation shall be done according to approved procedure. Considering all requirements on MR and its attachments.	confirmed			


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9.	Vendor shall note that Rust prevention for transportation and longtime storage is in their scope of work.	confirmed			
10.	Regarding Sub-vendors/sub-suppliers, vendor shall note that Contractor / Purchaser have the right to reject sub-vendors/sub-suppliers if his capability is judged poor or not proven.	confirmed			
11.	The material should be supplied from approved sub-supplier/sub-Vendor list either Pressure Parts or Non-Pressure Parts.	confirmed			
12.	All materials shall be new and un-corroded.	confirmed			
13.	Surface preparation and Painting should be performed based on relevant specifications. Primer, intermediate and final coat shall be carried out based on approved painting procedure by Vendor.	confirmed			


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14.	In case of order Purchaser would not review documents sent by Vendor before receiving Vendor Print Index and Schedule. Vendor Print Index Schedule (VPIS) shall be prepared as first document after PO. All documents will be issued after getting final approval of this mentioned document.	confirmed			
15.	Vendor shall note that packing and marking to be performed based on MR and relevant specifications, as minimum.	confirmed			
16.	All necessary devices for transportation (including adequate saddles, nozzle covers, bolts, nuts, temporary gaskets for shipping, cradle, wooden belts for sling the equipment, packing boxes, fitting, etc ...) should be supplied by VENDOR.	confirmed			
17.	Flange to Pipe shall be 100% radiographic examined.	confirmed			


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18.	Nozzle attachment welds to shell shall be 100% inspected by ultrasonic examination.	confirmed			
19.	PT on formed heads to be performed by vendor.	confirmed			
20.	Vendor shall note that preservation with Silica Gel is in vendor scope of work and supply. All sufficient tools and material such as pressure gauges, nozzle covers, temporary gaskets, bolts and nuts to be also supplied by VENDOR.	confirmed			
21.	Vendor shall note that setting bolt is in her scope of supply (Where Required).	confirmed			
22.	All required NDT in MR should be performed by vendor.	confirmed			

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23.	Vendor shall note that anchor bolt is out her scope of supply.	confirmed			
24.	Vendor shall confirm that test & inspection will be performed fully as per MR and its attachments and relevant codes and standards.	confirmed			
25.	Vendor shall note that Guarantee time to be a period of 12 months after successful start-up or 18 months after shipping whichever comes earlier.	confirmed			
26.	Please sign and stamp Deviation List in project format.	confirmed			
27.	For all pressure parts and those required special consideration well as for supports the material certificate should be in accordance with EN 10204, 3.1, Material certificate for non-pressure parts shall be in accordance with EN 10204, 2.2.	confirmed			

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28.	Please submit reference list along with updated proposal.	confirmed			
29.	All gaskets to be used for hydrostatic test shall be same as operating case and new.	confirmed			
30.	Please submit sub vendor list	confirmed			
31.	Providing Required Facilities For Inspection and Test shall be in VENDOR's Scope of work.	confirmed			
32.	Please note that no varnish or internal coating inside pipes,flanges, elbows and generally inside the receiver header is acceptable.	confirmed			
33.	Unless Otherwise Specified on Other Project Specifications, All C.S. Bolts and Nuts Shall Be Coated Properly to Provide	confirmed			

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	Proper Protection Such as Galvanization, etc.				
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