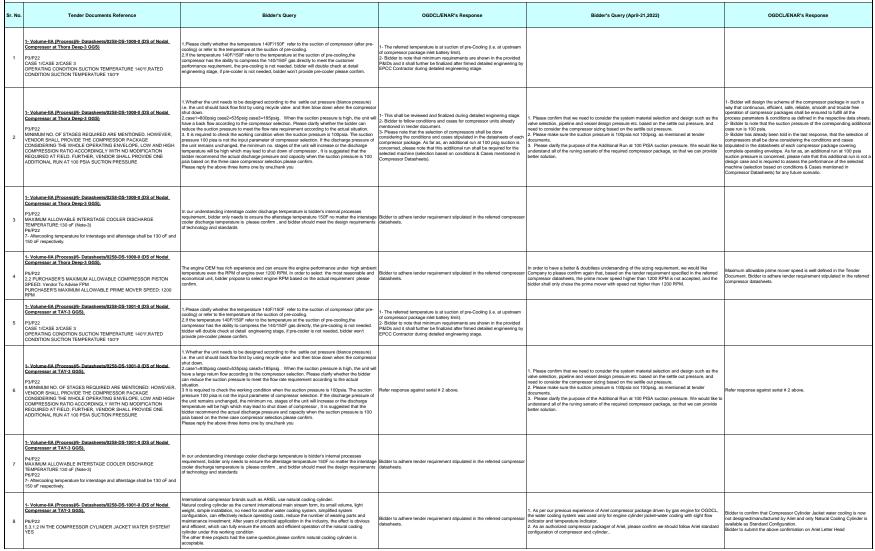


KPD-TAY COMPRESSION PROJECT Tender Enquiry No.: PROC/FC/PROJ/KPD-TAY/COMP/5313/2022





One of the bidder has asked following queries, OGDCL/ENAR's response is as follows





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One of					
Sr. No	b. Tender Documents Reference	Bidder's Query	OGDCL/ENAR's Response	Bidder's Query (April-21,2022)	OGDCL/ENAR's Response
9	1- Volume-IIA (Process)/6- Datasheets/0238-05-1002-0 (DS of Nodal Compressor at TAY GPD, 79/722 CASE 1/CASE 2/CASE 3 OPERATING CONTRON SUCTION TEMPERATURE 140°F, RATED CONDITION SUCTION TEMPERATURE 150°F	1.Please clarify whether the temperature 1407/150F refer to the suction of compressor (after pre- cooling) or refer to the temperature at the suction of pre-cooling, at 21 the temperature 1407/150F refer to the temperature at the suction of pre-cooling, the compressor has the ability to compress the 1401/50F gas directly to meet the customer performance requirement, the pre-cooling is not needed, builder wild only be face: at detail angineering stage, if pre-cooler is not needed, builder won't provide pre-cooler please confirm.	Refer response against serial # 1 above.		
10	1. Volume-IIA (Process)/E-Datasheets/0238-DS-1002-0 (DS of Nodal Compressor at TAY GPP). Pg/Pg2 NIMMIMI NO. OF STAGES REQUIRED ARE MENTIONED. HOWEVER, VENDOR SHALL PROVIDE THE COMPRESSOR PACKAGE CONSIDERING THE WHOLE OF EXATING ENVELOPE. LOW ADD HIGH COMPRESSION RATIO ACCORDINGLY WITH NO MODIFICATION REQUIRED AT THEO TRYNER, VENDOR SHALL REVOIDE OME ADDITIONAL RUN AT 100 PSIA SUCTION PRESSURE	1.Whether the unit needs to be designed according to the settle out pressure (blance pressure) i.e., the unit should back flow first by using recycle valve and then blow down when the compressor i.e., the unit should back flow first by using recycle valve and then blow down when the compressor i.e., the suction pressure to result of storage and the suction pressure to result of the compressor selection. Please clarky whether the budger can reduce the suction pressure to result the flow value requirement according to the actual situation. Sin this anticle, it is negated to check the working condition when the suction pressure is to flow and the suction pressure is to flow and the subscription of the actual situation. The same setting is not control with the minum no. stages mellioned above. It is suggested that the bidder recommend the actual discharge pressure and capacity based on the three case setticino please confirm. The other three compressor mellicition and the same question, please confirm.	Refer response against serial # 2 above.	 Please confirm that we need to consider the system material selection and design such as the value selection, pipeline and vessel design pressure atc. based on the settle out pressure, and 2. Please makes the outpressor straining bases to the settle out op pressure. Please names in exclosion pressure is "Oppias and Toppiag" as mentioned at tender documents. Please names reaction pressure is "Oppias and Toppiag" as mentioned at tender documents. Please names reaction pressure is "Oppias and Toppiag" as mentioned at tender understand all of the runing senario of the required compressor package, so that we can provide better solution. 	Refer response against serial # 2 above.
11	I-Volume-IAL (Process)E-Datasheets/0258-D5-1002-0 (DS of Nodal Compressor at TAY OPP) PAP22 MAXIMUM ALLOWABLE INTERSTAGE COOLER DISCHARGE TEMPERATURE3 00 (Note-3) P6/P22 7- Aftercooling temperature for interstage and afterstage shall be 130 oF and 150 oF respectively.	In our understanding intensitige coder discharge temperature is bidder's internal processes requirement, bidder only needs to ensure the alterstage temperature 150F no matter the intensitige coder discharge temperature is please confirm , and bidder should meet the design requirements of technology and standards	Refer response against serial # 7 above.		
12	1: Volume-HA (Processiy): Datasheets/9238-DS-1092-9 (DS of Nodal Compressor at AT GPP). DSI202 23 PURCHASER'S MAXIMUM ALLOWABLE COMPRESSOR PISTON SPEED: Vondor To Advise FPM PURCHASER'S MAXIMUM ALLOWABLE PRIME MOVER SPEED: 1200 RPM	The erigine OEM has ich experience and can ensure the erigine performance under high ambient temperature even the RPM of erigine over 1200 RPM. In order to select the most reasonable and economical unit, bidder propose to select engine RPM based on the actual requirement please confirm.	Refer response against serial if 4 above.	In order to have a better & doubtless undersanding of the sizing requirement, we would like Company to please confirm again that, based on the tender requirement specified in the refered compressor datasheets, the prime mover speed higher than 1200 RPM is not accepted, and the bidder shall only chose the prime mover with speed not higher than 1200 RPM.	Referresponse against serial # 4 above.
13	Yolume-IIA (Process)/5- Datasheets/0238-DS-1003-0 (DS of K-FEC at GPP), P3/P22 CASE 1/CASE 2/CASE 3 OPERATING CONDITION SUCTION TEMPERATURE 150°F, RATED CONDITION SUCTION TEMPERATURE 165°F	We understand the upstream gas to the compressor suction temperature range is 140–150°F please confirm.	Bidder to follow tender document.		
14	1- Volume-IIA (Process)/E- Datasheets/0258-05-1003-0 (DS of K-FEC at GPP) P3P22 7. MINIMUM NO. OF STAGES REQUIRED ARE MENTIONED. HOWEVER, VENDOR SHATDROVIDE THE COMPRESSOR PACKAGE CONSIDERING THE WHOLE OPERATING ENVELOPE. LOW AND HIGH COMPRESSION AND TACTOROMOUSLY WITH NO MONIFORM ON ADDITIONAL RUN AT 150 PSIG SUCTION PRESSURE	1. Whether the unit needs to be designed according to the settle out pressure (blance pressure) i.e. the unit should back flow first by using recycle valve and then blow down when the compressor shut down. 2.case 1-185paig case2-385paig case3-535paig case4-735paig, 1.b bidder understanding the control wave should be used to reduce the pressure to 185 paig. 385paig, 535paig, 735 paig when aucion pressure higher and new 155paig, 385 paig, 355paig, 735paig to ensure the smoother aucion pressure mighter and new 159paig, 385 paig, 355paig, 735paig to ensure the smoother discharge pressure mets the requirements of 115paig). The discharge pressure is 155paig. The discharge accounting to the actual selection of discharge capacity. Please confilm the capacity can be pressed according to the actual selection of discharge capacity.	¹ This shall be reviewed and finalized during detailed engineeing stage. Set the set of the se	 Please confirm that we need to consider the system material selection and design such as the valve selection, pipeline and vessel design pressure etc. based on the settle out pressure, and need to consider the compressor sizing based on the settle out pressure. Please carry the purpose of the Architona Rhun at 19 20/63 suction pressure. We would like to understand all of the running senario of the required compressor package, so that we can provide better solution. 	Bidder will design the scheme of the compressor package in such a way that continuous, efficient, safe, reliable, smooth and trouble free operation of compressor packages shall be ensured to fulfil all the herease parameters of control sons a clinical in the sequective design of the second second second second second second compressors shall be done considering the conditions and cases significant the done considering the conditions and cases significant persures in control second second second complexes control second second be that this additional fun is not a machine (selection based on conditions & Cases mentioned in Compressor Datasheets) for any future scenario.
15	I- Volume-IIA (Process)/6- Datasheets/0258-05-1003-0 (DS of K-FEC at GPP). P4/P22 MAXIMUM ALLOWABLE INTERSTAGE COOLER DISCHARGE TEMPERATURE:130 of Finder-3) P6/P22 7- Afterooling temperature for interstage and afterstage shall be 130 oF and 150 of respectively.	In our understanding interstage cooler discharge temperature is bidder's internal processes requirement, bidder only needs to ensure the alterstage temperature 150F no matter the interstage cooler discharge temperature is please confirm , and bidder should meet the design requirements of technology and standards	Refer response against serial # 7 above.		