



KPD-TAY COMPRESSION PROJECT
Tender Enquiry No.: PROC/FC/PROJ/KPD-TAY/COMP/5313/2022
PRE-BID CLARIFICATION # 44

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

Sr. No.	Tender Documents Reference	Bidder's Query	OGDCL/ENAR's Response
1	Compressors Datasheets Operating conditions and philosophy	<p>From Initial compressor selection: Low suction pressure case provided in ITB is governing case for compressor selection. Keeping in view selected machines, for high suction pressure case the same machine appears to be bigger one and has following cons if we follow complete operating range as per tender:</p> <p>a) Compressors will require some extensive capacity control management like stage/stages to be kept single acting or deactivating the stage, and or Recycling of gas which in turn to be complex operations.</p> <p>b) Capacity Control by mechanical means will contribute to downtime (between single/double action or activation or deactivation of stages) and may require some extensive repair.</p> <p>For reliable and sustainable operation, Bidder understand that none of standard compressor frame would conform directly to tender Operational philosophy like 2X100% or 3X50% at relevant suction pressure range (high to low).</p> <p>To have a reliable and cost-effective selection OGDCL is requested to revisit the operation philosophy (2X100% or 3X50%) with span/duration of every 100Psi decline in pressure. Operating scenario for required flow at relevant suction pressure may be attained as follows;</p> <p>1. Narrowing the suction pressure range by installing PCV at inlet if high suction pressure operating period is short.</p> <p>2. Change the operating philosophy from 2X100% to 3X50% and 3X50% to 4X35%. This will reduce the size of equipment and would meet all scenarios and engine will also remain on reasonable load at low speed too.</p> <p>OGDCL is requested to please allow above suggested operating scenario to avoid complex capacity control, and have reliable operation with minimum downtime and minimum repair.</p>	Bidder to follow/adhere Tender Document.
2	0258-DS-1003-0 (DS of K-FEC at GPP)	Compressors operating conditions has some years missing (Year 2024,2029 till 2033). Please advise operating conditions for missing years.	Please note that the K-FEC Compressors shall be able to operate on both MP and LP Operating cases. MP/LP Compression cases have been developed to cover overall operating envelope of the field and same shall be used for sizing purpose.
3	0258-DS-1003-0 (DS of K-FEC at GPP)	From available conditions, it appear low pressure case will be in Year 2034 onward where total 5 compressors will be required (2+1 for MP and 1+1 for LP Case). In all other cases, only 3 compressors will be operating and 1 on standby. Therefore, total quantity 5 will have two spare compressors till year 2034. Low pressure cases are governing compressor selection and it is therefore required bigger compressor. Keeping this in view, OGDCL is requested to please revisit operating cases and compressor quantity to allow bidder selection of smaller machine which will allow operation flexibility. OGDCL can opt to purchase additional machine at year near 2034 as it will be more cost effective.	Bidder to follow/adhere Tender Document.
4	Project Schedule Extension (Pre-Bid Clarification # 36, Sr. No. 1)	Bidder will reiterate to please revisit project schedule as 14 Months+ 2 Month Extension (i.e. 16 Months form LC establishment date) is on lower side. Project schedule shall be minimum 20 Months based on available details already shared with OGDCL with supporting evidence.	The extension in Project Completion Period (i.e.14 Months) requests, previously received by the prospective bidders, have already been considered by OGDCL and Two (02) months extension period was allowed, accordingly; Project Completion Period is Sixteen (16) Months. Therefore, being a time bound project, further extension in project completion period is not possible.
5	General	We understand that materials specify in feed document are suitable for stated conditions and shall be used for bid. Please confirm.	Compositions are already provided in the Tender Documents. Material selection study for the entire subject project is in EPCC Contractor scope of work.