

DESIGN, MANUFACTURING, SUPPLY, INSTALLATION SUPERVISION, COMMISSIONING, STARTUP & PERFORMANCE TESTING OF NEW CENTRIFUGAL COMPRESSORS AND MODIFICATIONS OF EXISTING TURBO COMPRESSORS TRAINS

Tender No. PROC-FC/CB/PROJ/QADIRPUR-4261/2019

PRE-BID CLARIFICATION No. OGDCL-QP-4261-006



Sr. No.	Reference	Bidder Query	OGDCL Response (26-03-2019)
AA	Page 2/ Section-I (0220-DS-1701-0), Appendix-III ,Volume II	For Condition – C mentioned in Datasheet of Centrifugal Compressors, based on the simulation and considering the restriction of maximum output power from Gas Turbine, is it allowable to reduce the Gas Flow on Condition-C?	Considering Turbine power limitation Discharge pressure could be compromised slightly instead of flow for Case – C only considering the utilization of maximum power of the driver turbine but not less the 420 psig. Further, Bidder to consider Turbine upgraded power in this respect.
BB	2.1, Page 6 of Scope of Work, Volume II	<p>In Clause 2.1.2, New compressors shall be installed on existing skids of Compressors installed on existing compressors foundations.</p> <p>In Clause 2.1.6, Supplier shall provide the foundation base drawings and anchor bolt layouts of all supplied equipment and must be matched with existing anchor bolt layouts</p> <p>As per our calculation, the existing Foundation may be adjusted as per the selected Centrifugal Compressor. Please advise that</p> <ul style="list-style-type: none"> - Is it allowed to extend the existing foundation in axial direction? - Is it allowed to increase/ decrease the height of the existing foundation to align the Unit Height Center of Coupling for the new Centrifugal Compressor and the existing Gas Turbine? - Is it allowed to make new anchor bolt holes on existing foundation? 	<p>As per Tender scope of work, Supplier first must check the adequacy of existing steel structure skid on which Compressors are mounted.</p> <p>In case of inadequacy, new steel structure skid may be supplied which bolt holes location must match with the existing anchor bolts so that no dismantling work at existing foundation will be required.</p> <ul style="list-style-type: none"> - Existing civil foundation could not be extended in any direction. - Supplier could only modify the new steel structure support skid to align with the existing Gas Turbine center line, considering existing turbine as fixed datum. - New anchor bolts are not allowed on existing foundation. If deemed necessary than Supplier must perform all adequacy check of existing foundation as well to support new location of the foundation bolts.
CC	Page-9/ Attachment-01 of Section-I (0220-DS-1701-0) of Appendix-III, Volume-II	<p>Upgraded Mars 100-16000 Engine is mentioned in Attachment-1 of Compressor Date Sheet(0220-DS-1701-0).</p> <p>Please clarify that whether the existing Engine will be upgraded. If to be upgraded, please share the following information of upgraded gas turbine:</p> <ul style="list-style-type: none"> ROTATION DIRECTION when viewed from Compressor side (clock wise or anti-clock wise). 	The upgrade is based on core engine exchanged program and no design would be changed except available power.