

<u>Clarification and comment sheet</u>				
REV.	NO.+A3:E11E3A3:E12	Spec. & Requirement	Comments by CompAir	OGDCL Reply
Complainece Sheet - Air Compressor PKG Due 17-08-2020				
A	1	SPECIFICATIONS Air or Water cooled after cooler	Water cooled type has been quoted	Bidder can quote any of type of cooler However air cooled cooler for coolant have less maintenance
A	2	On-Skid Control panel with HMI should be IP65 Ex 'p' with purged system suitable for installation in Zone 1 Class 1 Div 2 Group B,C,D	Spec. has a reference with only control panel. But note that compressor package shall not be installed in Zone 1. Of course, further safety provision such as gas detector shall be provided by customer even compressor pkg is to be accommodated in Zone II. PLEASE NOTE THAT SO FAR THERE IS NO COMPRESSOR THAT CAN COMPLY TO ZONE 1.	Zone II is acceptable however the HMI should be IP65 Ex 'p' with purged system

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A	3	Compressor motor details Power supply : 380 V / 50 Hz/ 3ph Insulation class : F Fan motor 380V / 50Hz / 3ph Explosioin proof motor :II 3G EEx nA II T3 IP56, Insulation class F Motor starter panel, (outdoor type), complete in all respects. Explosion proof II2GEEEx IIB T6, (IP65 or IP56 both acceptable)	Motor shall be used as below. Main motor - WEG - II 3G Ex ec IIC T3 Gc - Isolation F FAN motor - II 3G Ex ec IIC T3 Gc - Isolation F Motor starter panel shall be as per mfr's standard which will be installed inside air compressor package enclosure but For starter panel, we can provide Ex P with pruged system same concept as control panel with cost adder.	Accepted
A	4	Dryer Details 10. Insulation and heat tracing with heat tracing junction box	Not required	It depends on the selection of dryer for best performance.
Eligibility Criteria / Term and Conditions				
A	5	10. Compressor and dryer contro system to support communication with third party DCS. PLC must be any renowned preferable Bently Nevada, Allen Bradley or equivalent	confirmed that Microprocessor based local control panel as per mfr's standard is applicable to communicate with DCS. No PLC used	Accepted. Bidder also can provide microprocessor based local control panel

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A	6	12. Commissioning of complete package is in bidder scope on lump sum basis. Establishment of communication with Dakhni DCS and commissioning is in bidder scope.	Supervision fee shall be quoted as an option (diem rate)	Should comply TOR clause
A	7	19. In case of foreign experts for installation and commissioning assistance security clearance, pick and drop Islamabad top Dakhni, any Hotel stay in Pakistan will be in the bidder scope. However, boarding and lodging at OGDCL Site may be provided	Any Air, security clearance, pick and drop Islamabad top Dakhni, any hotel stay shall be provided by contractor.	Should comply TOR clause
A	8	20. Delivery time a. 06 months (180 days) from the date of LC establishment	8 month after P.O is expected based on compaince sheet however the lead time is adjustable with cost adder.	Should comply TOR clause