



NASHPA COMPRESSION FACILITY PROJECT



Tender Enquiry No.: PROC/FC/CB/PROJ/NASHPA-3268/2018

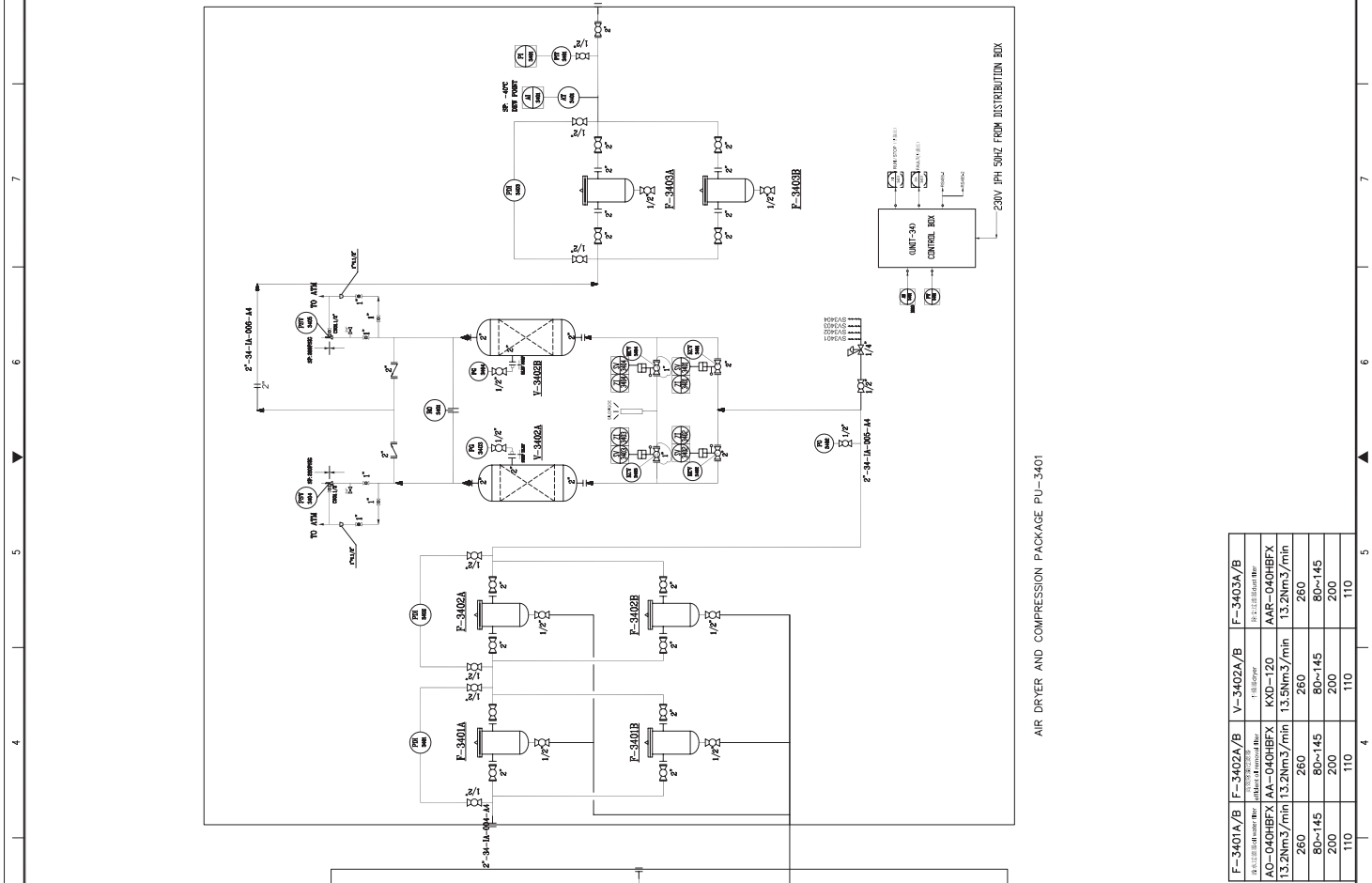
PRE-BID CLARIFICATION # 21

One of the bidder has asked following queries, OGDCL/ENAR responses are as follows:

Sr. No.	Clarification By Bidder	OGDCL / ENAR Response
1	<p>0193-DS-1701-0 (DATA SHEET FOR FRONT END COMPRESSORS)</p> <p>Clause and Sub-clauses of 15.1: CORROSIVE GAS</p> <p>Query:</p> <p>Bidder understands that since Corrosive Gas Clause 15.1 has been marked NO by client, the subsequent sub-classes of 15.1 are not applicable. Material compatibility to be ensured by vendor based on gas composition provided by the client. Client / Company to confirm / clarify, bidder understanding.</p>	<p>Bidder understanding is correct.</p>
2	<p>14-0193-MA-001- 0 (Specification for Reciprocating Compressor)</p> <p>Clause: 5.4. The complete package, together with the associated equipment shall be witness tested in the presence of Company/ Company Representative at the Manufacturer's assembly workshop as an integrated system to verify that the supply conforms to the specifications in the order from the stand point of mechanics, safety devices, accessories controls at guaranteed performance parameters, etc. <u>In this respect, shop testing will be required only for each type of compressor package.</u></p> <p>Query:</p> <p>Bidder understands that only one compressor package is to be shop tested for witness mechanical run test. Other three compressor packages can be tested in the field provided individual equipment i.e., engine and compressor etc have passed FAT in respective vendor workshops. Client / Company to confirm / clarify, bidder understanding.</p>	<p>Bidder understanding is not correct. Bidder shall perform complete Package test at shop for all four (04) Compressor Packages.</p>
3	<p>Addendum - 01</p> <p>Query:</p> <p>Specifications of following are not available</p> <ol style="list-style-type: none">Existing Filters<ol style="list-style-type: none">F-3401A/B,F-3401C/DF-3402A/B andExisting Dryer PU-3401 and Controller <p>Client / Company, is requested to provide missing documents.</p>	<p>Available documents are attached</p>

4	<p>Pre-Bid MOM No. 002 Meeting Date: 10-Apr-2018 Issue Date: 19-Apr-2018 Sr. No. 04</p> <p>For query related to carry out performance test of compressors at site only. It is to note that EPCC Contractor shall also perform Complete Unit Performance test at shop as well as on site as mentioned in Tender Document.</p> <p>Query:</p> <p>Bidder understands by "Performance Test at Shop" Client is referring to Mechanical Run Test as specified in clause 5.4 of 14-0193-MA-001- 0 (Specification for Reciprocating Compressor). Client / Company, to confirm / clarify, bidder understanding.</p>	Bidder understanding is correct.
5	<p>Pre-Bid MOM No. 002 Meeting Date: 10-Apr-2018 Issue Date: 19-Apr-2018 Sr. No.13</p> <p>Hardwired Start/Stop and Trip/Shutdown signals between new Instrument Air Compressor & Dryer panel and Plant DCS system shall be terminated in existing marshalling panels and modification in existing logic, HMI screens, programming, etc. shall be scope of EPCC contractor accordingly.</p> <p>Query:</p> <p>Client / Company, to confirm that for termination / integration of these signals in DCS System, existing spare channels shall be used or bidder to consider new cards, terminals & related hardware.</p>	Spare Channels are available in existing DCS and shall be used for interfacing new signals.
6	<p>Pre-Bid MOM No. 002 Meeting Date: 10-Apr-2018 Issue Date: 19-Apr-2018 Sr. No.15</p> <p>Hardwired Start/Stop and Trip/Shutdown signals between Gas Compressors and Plant ESD system shall be terminated in existing marshalling panels and existing logic, HMI screens, programming, Cause and Effect matrix etc shall be modified by EPCC contractor accordingly.</p> <p>Query:</p> <p>Client / Company, to confirm that for termination / integration of these signals in Safety System, existing spare channels shall be used or Bidder to consider new cards, terminals & related hardware.</p>	Spare Channels are available in existing ESD System and shall be used for interfacing new signals.

GENERAL NOTES						
HOLD						
LEGEND						
REFERENCE DOCUMENTS						
TITLE	DOC No.					
REV	DESCRIPTION	PRPD	CHKD	REV0	APPD	DATE
E	FINAL	张瑞光	尹志文	2016.9.23		
D	FOR APPROVAL	ZGZ	LYY	2016.9.7		
C	FOR APPROVAL	ZGZ	LYY	2016.8.22		
B	FOR APPROVAL	ZGZ	LYY	2016.8.8		
A	FOR APPROVAL	ZGZ	LYY	2016.7.2		



AIR DRYER AND COMPRESSION PACKAGE PU-3401		AIR DRYER AND COMPRESSION PACKAGE PU-3402	
ITEM	K-3401A/B	EA-3401A/B	EA-3402A/B
NAME	2-1/2" HSE compressor	3" x 3" HSE compressor	2" x 2" HSE compressor
MODEL	GA75H10(380V 75KW)	KLF-12N(220V 0.38KW)	B5HN-3L(220V 3KW)
CAPACITY	12.2m ³ /min	13.5m ³ /min	13.2Nm ³ /min
PSIG	260	260	260
SIZE	2 1/2"	3"	2"
TYPE	RECIPRO	RECIPRO	RECIPRO
REV	1	1	1
DATE	2016.9.23	2016.9.23	2016.9.23

NITROGEN GENERATOR SYSTEM CONTROL PANEL
制氮机系统控制箱

MANUAL MODE 手动模式
AUTO MODE 自动模式
LOCAL MODE 本地模式
REMOTE MODE 远程模式
FAULT 故障
RUNNING 运行
POWER 电源



HMI 人机界面

LOCAL REMOTE 本地 远程
Hydraulic transfer switch
DRYER START 吸干机启动
DRYER STOP 吸干机停止
AIR COMPRESSOR START 空压机启动
AIR COMPRESSOR STOP 空压机停止
RESET 复位
STOP 停止
A 空压机 B

ADSORPTION DRYER BOX
吸干机控制箱

Dryer

FAULT 故障
RUNNING 运行
POWER 电源
DRYER REMOTE MODE 吸干机远程模式
DRYER LOCAL MODE 吸干机本地模式
START 启动

LOCAL REMOTE 本地 远程

STOP 停止
START 启动
STOP 停止