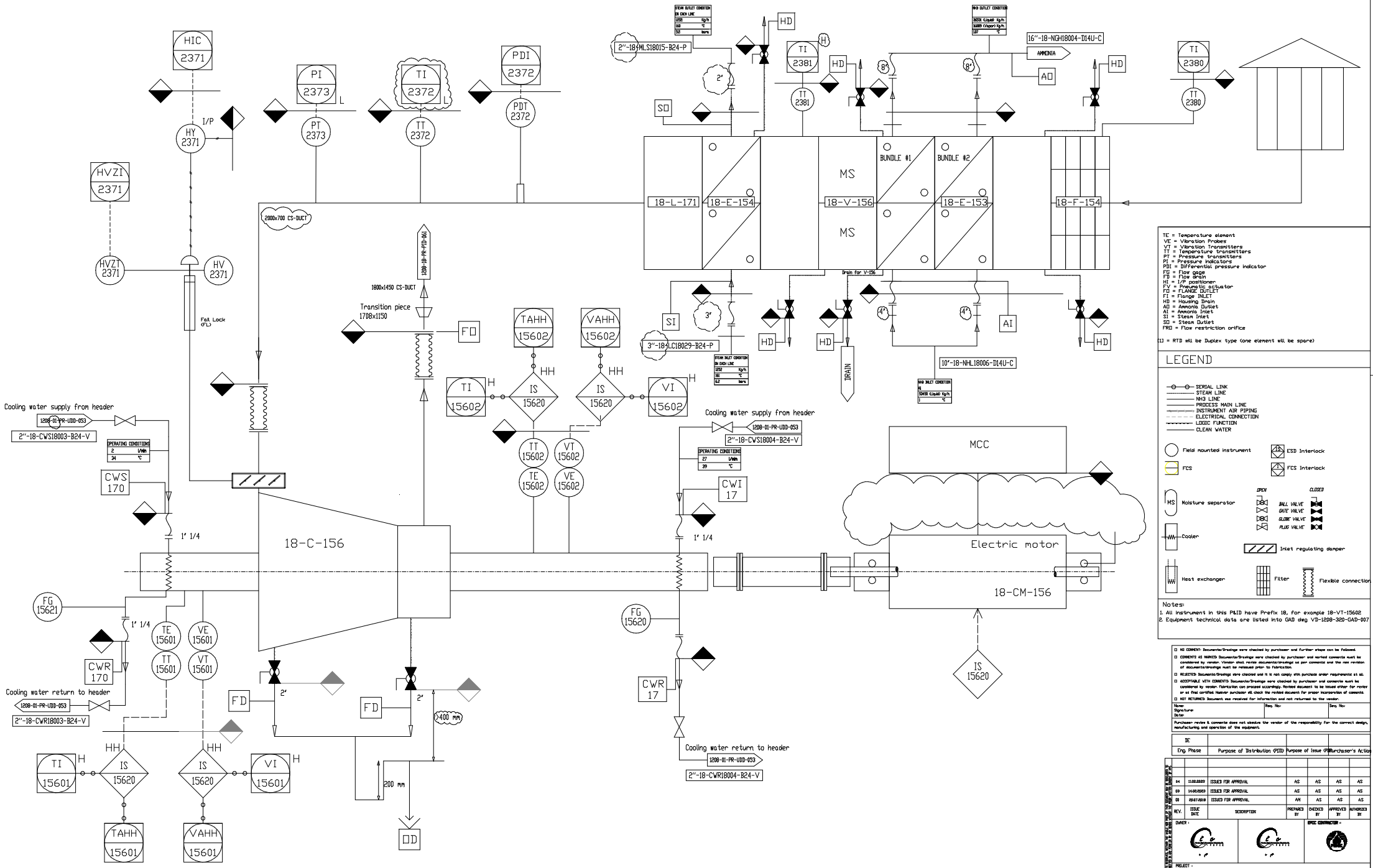

TE = Temperature element
VE = Vibration Probes
VT = Vibration Transmitters
TT = Temperature transmitters
PT = Pressure transmitters
PI = Pressure indicators
PDI = Differential pressure indicator
FG = Flow gage
FD = Flow drain
HI = I/P positioner
FV = Pneumatic actuator
FO = FLANGE OUTLET
FI = Flange INLET
HD = Housing Drain
AO = Ammonia Outlet
AI = Ammonia Inlet
SI = Steam Inlet
SO = Steam Outlet
FRO = Flow restriction orifice

[1] = RTD will be Duplex type (one element will be spare)

LEGEND

SERIAL LINK
STEAM LINE
NH3 LINE
PROCESS MAIN LINE
INSTRUMENT AIR PIPING
ELECTRICAL CONNECTION
LOGIC FUNCTION
CLEAN WATER

Field mounted instrument
FCS
ESD Interlock
FCS Interlock
Moisture separator
Cooler
Inlet regulating damper
Heat exchanger
Filter
Flexible connection

OPEN / CLOSED
BALL VALVE
GATE VALVE
GLOBE VALVE
PLUG VALVE

Notes:
1. All instrument in this P&ID have Prefix 18, for example 18-VT-15602
2. Equipment technical data are listed into GAD dwg VD-1208-320-GAD-007

☐ NO COMMENT: Documents/Drawings were checked by purchaser and further steps can be followed.
☐ COMMENTS AS MARKED: Documents/Drawings were checked by purchaser and marked comments must be considered by vendor. Vendor shall revise documents/drawings as per comments and the new revision of documents/drawings must be released prior to fabrication.
☐ REJECTED: Documents/Drawings were checked and it is not comply with purchase order requirements at all.
☐ ACCEPTABLE WITH COMMENTS: Documents/Drawings were checked by purchaser and comments must be considered by vendor. Fabrication can proceed accordingly. Revised document to be issued either for review or as final certified. However purchaser will check the revised document for proper incorporation of comments.
☐ NOT RETURNED: Document was received for information and not returned to the vendor.

Name:	Req. No:	Seq. No:
Signature:		
Date:		

Purchaser review & comments does not absolve the vendor of the responsibility for the correct design, manufacturing and operation of the equipment.

DE			
Eng. Phase	Purpose of Distribution (PID)	Purpose of Issue (PID)	Purchaser's Action

REV.	ISSUE DATE	DESCRIPTION	PREPARED BY	CHECKED BY	APPROVED BY	AUTHORIZED BY
04	11.02.2019	ISSUED FOR APPROVAL	AS	AS	AS	AS
03	14.02.2023	ISSUED FOR APPROVAL	AS	AS	AS	AS
00	23.07.2018	ISSUED FOR APPROVAL	AM	AS	AS	AS

OWNER :
EPCC CONTRACTOR :

PROJECT : HENGAM FERTILIZER PROJECT

VENDOR : AEROMECCANICA STRANICH

TITLE : P&ID ITEM 18-C-156
FINAL FLUID BED COOLER FLUIDIZATION AIR FAN

SCALE : 1 / XXX	OWNER PROJECT NO. : NA	VENDOR DWG NO. : DD-17185-PID-07	REV.	SIZE :
SHT. : 1 OF 1	PIDEC PROJECT NO. : 1208	PIDEC DWG NO. : VD-1208-320-PID-07	04	A3

AS Job: 17185/07
Fan Type: BCSN 600

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