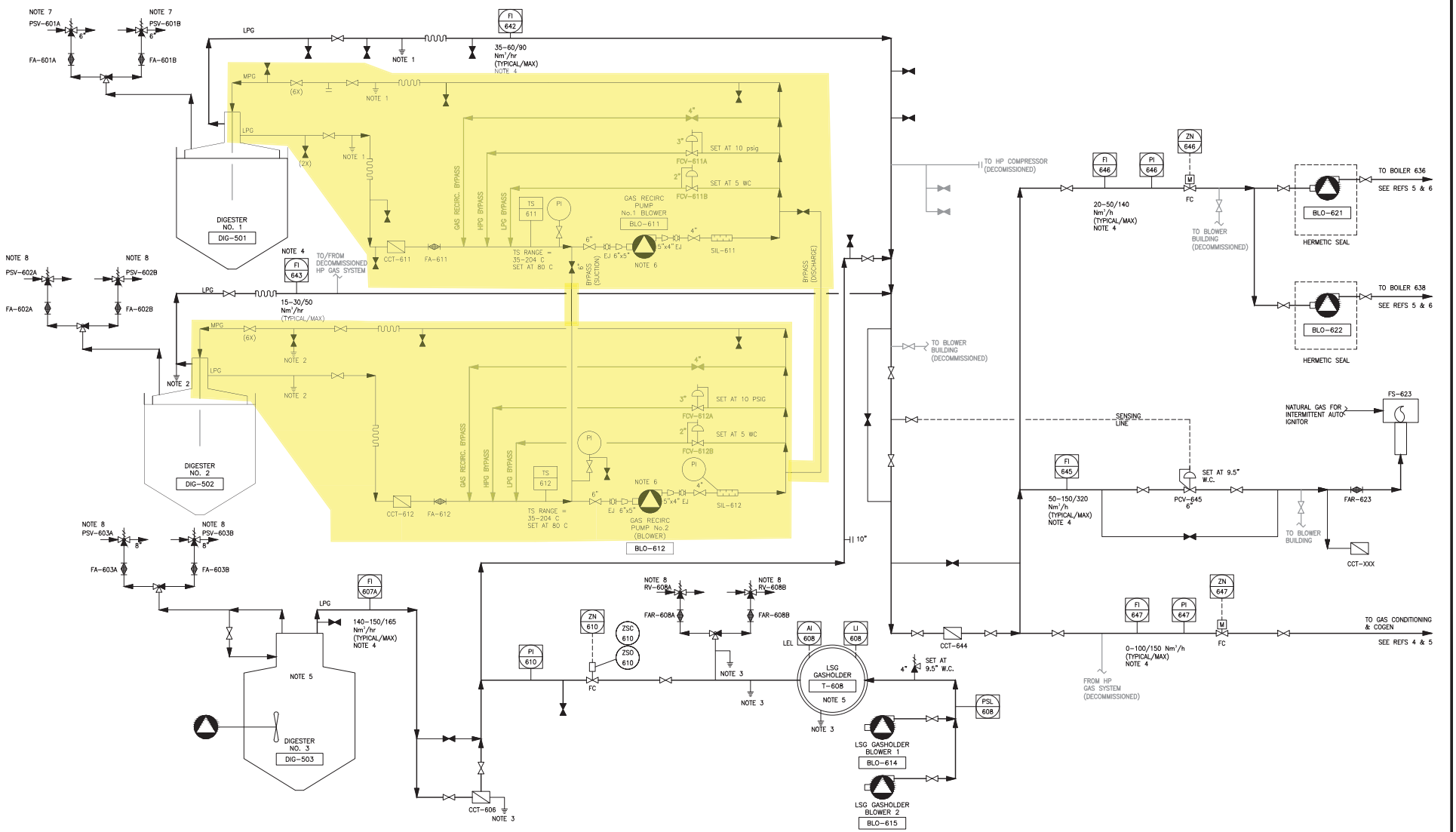
REGIONAL DISTRICT OF NANAIMO

22-025 Request for Statements of Qualifications
GNPCC Gas Room Relocation Engineering Services

Addendum 1
Issued: March 3, 2022

Question Number	RFSQ Section	Clarification Question	RDN Answer
1	General	Confirmation no building enclosure is required for the new pump(s) location?	The design scope will include a structural cover to protect the system from the elements (rain/snow), i.e. roof, no walls.
2	General	Confirm there are no buried services in the vicinity of the new foundation work, the photos show manholes	The selected Consultant will be provided all available drawings. There is underground infrastructure that will need to be considered.
3	General	Are there reference drawings on existing (digester, building, pipe support column) concrete foundations? Can they be provided for review.	The selected Consultant will be provided all available drawings.
4	General	Is there any recent geotechnical investigation / report for the new pump(s) location?	The selected Consultant will be provided the most recent geotechnical report for the area dated 2010.
5	General	Are process flow diagrams (PFD's) available for review?	PFD attached for scope understanding.
6	General	Are process and instrumentation diagrams (PID's) available for review?	No P&IDs are available at this time.



REFERENCE DRAWINGS		
DRAWING NO	DRAWING DESCRIPTION/TITLE	REF
GN-E-DIG-102	ELECTRICAL AREA CLASSIFICATIONS	1
GN-P-GEN-601	DIGESTER 1 & 2 BIOGAS P&ID	2
GN-P-GEN-602	DIGESTER 3 BIOGAS P&ID	3
GN-P-GEN-603	BIOGAS SCRUB & HP COMP P&ID	4
GN-P-GEN-604	BIOGAS BOILER BLOWERS P&ID	5
GN-P-GEN-801	BIOGAS BOILER LOOP P&ID	6

LEGEND:

LPG = LOW PRESSURE GAS
MPG = MEDIUM PRESSURE GAS
FA/FAR = FLAME ARRESTOR
CCT = CONDENSATE COLLECTION TANK
PSV/RV = PRESSURE SAFETY VALVE
FS = GAS FLARE

NOTES:

1) DRAIN TO CCT-601
2) DRAIN TO DIGESTER 2
3) DRAIN TO CCT-609
4) FLOW VALUES = 25-75TH PERCENTILE/MAX (2019-2021 HISTORIAN)
5) SEE REF 1 FOR ELECTRICAL CLASSIFICATION INFO
6) BLO-611 & BLO-612 SIZED FOR APPROX. 7 PSIG AT 332 CFM
7) SET AT 12" WC (RELIEF)
   SET AT 0.5" WC (VACUUM)
8) SET AT 12" WC (RELIEF)
   SET AT 2" WC (VACUUM)

NOT FOR CONSTRUCTION

ISSUED FOR INFORMATION
Date: 2021/OCT/15

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REV	YY/MM/DD	DESCRIPTION	DRWN	CHKD	APVD
F	21/10/15	ISSUED FOR INFORMATION	DAT	CME	CMB
E	21/08/13	ISSUED FOR INFORMATION	DAT	-	CMB
D	21/06/08	ISSUED FOR HAZID	DAT	-	CMB
C	20/01/21	ISSUED FOR INFORMATION	HJR	KVS	CMB
B	19/12/16	ISSUED FOR HAZOP	HJR	-	CMB
A	19/12/04	ISSUED FOR REVIEW	HJR	-	-

CLIENT: REGIONAL DISTRICT OF NANAIMO

Allnorth

TITLE: GNPCC BIOGAS PROCESS FLOW DIAGRAM

CLIENT NO:	-	DRWN:	HJR	DATE:	19/12/03
PROJECT NO:	19NA0104	DSGN:	-	DATE:	-
DRAWING SIZE:	ANSI "D"	CHKD:	-	DATE:	-
SCALE:	NTS	APVD:	-	DATE:	-

PROJECT: BIOGAS RECIRCULATION SYSTEM

ACL DWG NO:	2100813-1013-PFD-001		F
DWG NO:	GN-G-105	REV:	0

Date: 2021/10/13 4:41 PM | User: Doug Thorsen | File: P:\NAU\2021\21003\13 RDN\GNPCC Biogas Recirculation Loop\100-Dwgs\013 Process\01-Production\[100813-1013-PFD-001.flow] | Layout: Rev F | Paper Size: 34" x 22"

End of Addendum 1