

**CORRIGENDUM #5 DATED 12.05.2021**  
**DESIGN, FABRICATION, SUPPLY, INSTALLATION & COMMISSIONING OF PRESSURE REGULATING SKID**  
**Tender No :AGCL/BD/PMC-GHT/PRS/2020/65 Dated 07.04.2021**

Sl. No.	Reference / Clause No.	Page No.	Original Description	Amendment/ Addition/ Modification/ Deletion	Details
1	Corrigendum #4 Sl.6		<p><b>For SI 1.01 to 1.08:</b> The basic rate should include the rate of PRS plus the canopy.</p> <p><b>For SI 2.01:</b> The basic rate should be exclusive of canopy rate. In this case, the canopy is not required.</p>	Amendment	<p><b>For SI 1.01 to 1.08 of price schedule:</b> The basic rate should include the rate of PRS/IPRS, Civil construction work (Fenching and foundation), Canopy and time to time spares required for maintenance under AMC for 2 years after warrenty period.</p> <p><b>For SI 2.01 of price schedule:</b> The basic rate should be inclusive of the rate of PRS/IPRS and time to time spares required for maintenance under AMC for 2 years after warrenty period. However the basic rate should be exclusive of rate for Canopy and Civil construction work (Fenching and foundation). In this case, the canopy and civil construction are not required.</p> <p><b>For SI 3 of price schedule:</b> The AMC at Sl.3 of price schedule to be quoted by the bidder including the following:            i) Bidder should consider 02(two) time schedule visit per year for each PRS/IPRS supplied for inspection and preventive maintenance. The months of visit shall January/February and July/August.            ii) In addition to Sl. (i), Bidder should keep his manpower available in upper Assam for any type of Breakdown repairing within 4(four) hours of occurence at site.</p> <p><b>Note:</b> For civil construction work, bidder to submit a separate sheet in a sealed envelope within 7 days from the date of technical bid opening indicating the rate considered in the SOR showing the basic rate and GST for each capacity of PRS (Sl. 1.01 to 1.08 of Price schedule). The sealed envelope shall be opened on the day of opening of price bid. This is required by AGCL for installation of PRS in a readily available foundation where fresh civil construction work is not required.</p>
2	Annexure			Addition	Annexure-XI : Datasheets of Ball valve and Pressure gauge attached.

**Notes:**

**1. Bidders to submit signed and stamped copy of this Corrigendum#5 along with Unprice Bids.**

**2. All other terms and conditions of tender document shall remain unchanged.**

## ANNEXURE - XI

		BALL VALVE DATASHEET (FLOATING)							
1	Design Standard	:	API 6D						1
2	Location	:	Above Ground						2
3	Service	:	Natural Gas						3
4	Valve Type	:	Floating						4
5	Construction	:	Double Piece Bolted						5
6	Bore	:	Full						6
7	Size (Inch)	:	2"	3"	4"	6"	8"	1 1/2"	7
8	End Connection	:	RF Smooth						8
9	Rating	:	150#	150#	150#	150#	150#	150#	9
10	Valve Operation	:	Lever Oper.	Lever Oper.	Lever Oper.	Gear Oper.	Gear Oper.	Lever Oper.	10
									11
11	Valve Accessories	:	Material						12
	Body	:	ASTM A216 WCB						13
	Ball	:	SS 410/304/316						14
	Stem	:	SS 410/304/316						15
	Ball Seat	:	PTFE						16
	Stem Seal	:	PTFE						17
	Bolting	:	ASTM A193 Gr.B7						18
		:	ASTM A194 Gr.2H						19
12	Make	:	AS PER TENDER VENDOR LIST						20
13	Shut Off Class		VI						21
14	Valve Design	a	Bi-Directional						22
		b	Blowout Proof Stem						24
		c	Anti Static Design, Fire safe						25
		d	Flanged End ,Raised face (serration 125-250 AARH) as per ASME B16.5						26
									28
15	Position Indicator	:	Required- Open & Close						29
16	Supporting & Lifting lug	:	Required 6" & Above						30
17	Pneumatic Test	:	API 6D/BS EN 12266-Part I/API 598						31
18	Hydrostatic Test	:	API 6D/BS EN 12266-Part I/API 598						32
19	Fire Test	:	API 607/API 6FA/ISO 10479						33
20	Painting	:	Standard Maufaturere specification						34
21	Inspection	:	AS PER TENDER QAP						35
	NOTES :								36

**BALL VALVE DATASHEET  
(FLOATING)**

		<b>BALL VALVE DATASHEET (FLOATING)</b>					
1	Design Standard	:	API 6D				1
2	Location	:	Above Ground				2
3	Service	:	Natural Gas				3
4	Valve Type	:	Floating				4
5	Construction	:	Double Piece Bolted				5
6	Bore	:	Full				6
7	Size (Inch)	:	2"	3"	4"		7
8	End Connection	:	RF Smooth				8
9	Rating	:	300#	300#	300#		9
10	Valve Operation	:	Lever Oper.	Lever Oper.	Lever Oper.		10
							11
11	Valve Aecessories	:	Material				12
	Body	:	ASTM A216 WCB				13
	Ball	:	SS 410/304/316				14
	Stem	:	SS 410/304/316				15
	Ball Seat	:	PTFE				16
	Stem Seal	:	PTFE				17
	Bolting	:	ASTM A193 Gr.B7				18
			ASTM A194 Gr.2H				19
12	Make	:	AS PER TENDER VENDOR LIST				20
13	Shut Off Class		VI				21
14	Valve Design	a	Bi-Directional				22
		b	Blowout Proof Stem				24
		c	Anti Static Design, Fire safe				25
		d	Flanged End ,Raised face (serration 125-250 AARH) as per ASME B16.5				26
							28
15	Position Indicator	:	Required- Open & Close				29
16	Supporting & Lifting lug	:	Required 6" & Above				30
17	Pneumatic Test	:	API 6D/BS EN 12266-Part I/API 598				31
18	Hydrostatic Test	:	API 6D/BS EN 12266-Part I/API 598				32
19	Fire Test	:	API 607/API 6FA/ISO 10479				33
20	Painting	:	Standard Maufaturere specification				34
21	Inspection	:	AS PER TENDER QAP				35
NOTES :							36

**BALL VALVE DATASHEET  
(Trunion)**

1	Design Standard	:	API 6D						1
2	Location	:	Above Ground						2
3	Service	:	Natural Gas						3
4	Valve Type	:	Trunion Mounted						4
5	Construction	:	Double Piece Bolted						5
6	Bore	:	Full						6
7	Size (Inch)	:	6"	8"					7
8	End Connection	:	RF Smooth						8
9	Rating	:	300#	300#					9
10	Valve Operation	:	Gear Oper.	Gear Oper.					10
									11
11	Valve Aecessories	:	Material						12
	Body	:	ASTM A216 WCB						13
	Ball	:	SS 410/304/316						14
	Stem	:	SS 410/304/316						15
	Ball Seat	:	PTFE						16
	Stem Seal	:	PTFE						17
	Bolting	:	ASTM A193 Gr.B7						18
			ASTM A194 Gr.2H						19
12	Make	:	AS PER TENDER VENDOR LIST						20
13	Shut Off Class		VI						21
14	Valve Design	a	Bi-Directional						22
		b	Blowout Proof Stem						24
		c	Anti Static Design, Fire safe						25
		d	Flanged End ,Raised face (serration 125-250 AARH) as per ASME B16.5						26
									28
15	Position Indicator	:	Required- Open & Close						29
16	Supporting & Lifting lug	:	Required 6" & Above						30
17	Pneumatic Test	:	API 6D/BS EN 12266-Part I/API 598						31
18	Hydrostatic Test	:	API 6D/BS EN 12266-Part I/API 598						32
19	Fire Test	:	API 607/API 6FA/ISO 10479						33
20	Painting	:	Standard Maufaturere specification						34
21	Inspection	:	AS PER TENDER QAP						35
NOTES :									36

**SMALL BALL VALVE DATASHEET  
(FLOATING)-½" TO 1 ½"**

1	Design Standard	:	BS EN ISO 17292/API 6D					1
2	Location	:	Above Ground					2
3	Service	:	Natural Gas					3
4	Valve Type	:	Floating					4
5	Construction	:	Double Piece Bolted					5
6	Bore	:	Full					6
7	Size (Inch)	:	1/2"	3/4"	1"			7
8	End Connection	:	SW with Pups					8
9	Rating	:	800#	800#	800#			9
10	Valve Operation	:	Lever Oper.	Lever Oper.	Lever Oper.			10
								11
11	Valve Aecessories	:	Material					12
	Body	:	ASTM A105					13
	Ball	:	SS 410/304/316					14
	Stem	:	SS 410/304/316					15
	Ball Seat	:	PTFE					16
	Stem Seal	:	PTFE					17
	Bolting	:	ASTM A193 Gr. B7					18
			ASTM A194 Gr.2H					19
12	Make	:	AS PER TENDER VENDOR LIST					20
13	Shut Off Class		VI					21
14	Valve Design	a	Bi-Directional					22
		b	Blowout Proof Stem					24
		c	Anti Static Design					25
		d	Socket weld with 100 mm extension pups (Sch.160)					26
								28
15	Position Indicator	:	Required- Open & Close					29
16	Supporting & Lifting lug	:	Required 6" & Above					30
17	Pneumatic Test	:	API 6D					31
18	Hydrostatic Test	:	API 6D					32
19	Fire Test	:	API 607					33
20	Painting	:	Standard Manufacturer specification					34
21	Inspection	:	AS PER TENDER QAP					35
NOTES :								36



<b>BOURDON PRESSURE GAUGE DATA SHEET</b>			
<b>GENERAL</b>			
MODEL	VTA		
TYPE	Bourdon		
CONFORMING STANDARD	AS PER EN837		
ACCURACY	± 1.00% OF FSD		
TEMPERATURE LIMIT	80 °C		
OVER PRESSURE LIMIT	130 % OF FSD		
DIAL SIZE	100 mm		
MOUNTING	Local		
<b>MATERIAL</b>			
SENSOR / SOCKET	SS 316		
MOVEMENT	SS 304		
CASE & IP CLASS	SS304 + IP 65		
WINDOW	TOUGHENED GLASS/SHATTERPROOF GLASS		
POINTER	BLACK ALUMINIUM , BALANCED		
DIAL COLOUR	WHITE WITH BLACK GRADUATIONS		
BEZEL RING	BAYONET LOCK TYPE, SS 304		
END CONNECTION	1/2" NPTM		
CONNECTION LOCATION	BOTTOM		
BLOW OFF DISC	REQUIRED		
ZERO ADJUSTMENT	MICROMETER POINTER		
INSPECTION AND TEST	AS PER EN837		
DOCUMENTATION	CALIBRATION REPORT		