GATE AND GLOBE VALVES BILL OF QUANTITIES

Supply of	Material Gate and Globe Valves			Total Drice (Foreign
s.no.	DESCRIPTION	QTY	Unit Rate	Currency)
	VALVE GATE, SIZE: 1" x 800#,			
	MATERIAL: BODY: A105, TRIM: 13CR,			
1	SEAT: STELLITED, STANDARD PORT,	11		-0
	ENDS: SW, API602,	QTY Unit Rate Cu		
	TYPE: BB-BG-OS & Y,			
	VALVE GATE, SIZE: 1-1/2" x 1500#,			- x *
2	MATERIAL: A105/13CR,	3		
2	SEAT: STELLITED, STANDARD PORT, SW, API 602,			
	BODY TYPE: BB-BG-OS&Y,		11	
	GATE VALVE, SIZE: 2" x 800#,			
	MATERIAL BODY: A105, TRIM: 13CR,			
3	SEAT: HALF STELLITE, SOLID WEDGE,	1		
	SW, API 602,			
	BODY TYPE: BB-OS & Y,			
	GATE VALVE, SIZE: 2" x 800#,			
	MATERIAL BODY: A105,			
	TRIM: 13CR,	1 1		
4	SEAT: HALF STELLITE, SOLID WEDGE, FULL BORE,	-	Onit Rate Current	
	SW, API 600,	do.		
	BODY TYPE: BB-OS & Y,	11		
	VALVE GATE, SIZE: 3/4" x 1500#,			
-	MATERIAL: ASTM A 105, TRIM: 3CR,	1		
5	SEAT: STELLITED, STANDARD PORT, SW, API 602,			
11	BODY TYPE: BB-BG-OS & Y,			
	VALVE GATE, SIZE: 3/4" x 800#,			
	MATERIAL: A105/13CR,			
6	DISC & SEAT: STELLITED, STANDARD PORT	1		
	SW, API 602,			
	BODY TYPE: BB-BG-OS & Y,			
	VALVE GATE: 2" x 800#,			= ::
	MATERIAL (BODY/TRIM): SA105/13CR,			
7	DISC & SEAT: STELLITED,	11	= 2	
'	SOLID WEDGE, FULL STELITED , STANDARD PORT,			
	SW, API 602,			
	BODY TYPE: BB-OS & Y,	-		
	VALVE GATE, SIZE: 1" x 1500#,			
	MATERIAL: A105/13CR,			
8	SEAT: STELLITED, STANDARD PORT,	1	Currer	
	SW, API 602,			
	BODY TYPE: BB-BG-OS & Y,			

s.no.	DESCRIPTION	QTY	Unit Rate	Total Price (Foreign Currency)
	VALVE GATE, SIZE: 2" x1500#,			
9	MATERIAL: A105/13CR,	1		~
	SEAT: STELLITED, SW, API 602, STANDARD PORT,	1	1.0	1.1 35 9031
	BODY TYPE: BB-BG-OS & Y,	1.7		122
	VALVE GATE, SIZE: 3/4" x 800#			
	MATERIAL: A105/13CR,	1 4		
10	SEAT: STELLITED, SW, API 602, STANDARD PORT,			
	BODY TYPE: BB-BG-OS & Y,			
	GATE VALVE, SIZE: 3/4" x 800#,			
	MATERIAL BODY: A105, TRIM: 13CR,			
	SEAT: STELLITE, STANDARD PORT,	1		
11	API 602, SW,	-		
	WITH PLAIN END NIPPLES: A53-B-S, SCH80, SMLS, PWHT			
	BODY TYPE: BB-BG-OS & Y,			
	VALVE GATE, SIZE: 1" x 800#,			
	MATERIAL: A105/316,			8
12	SEAT: STELLITED, STANDARD PORT,	1		
	SW, API 602,			
	BODY TYPE: BB-BG-OS & Y,			
	VALVE GATE, SIZE: 2" x 800#,			
	MATERIAL: A105/316,			
13	SEAT: STELLITED, STANDARD PORT,	QTY Unit Rate Cu 1 4 WHT 1 1 1 1 1 1		
	SW, API 602,			
	BODY TYPE: BB-BG-OS & Y,			
	GATE VALVE, SIZE: 10" x 150#,			
	MATERIAL BODY: A216-Gr.WCB, TRIM: 13CR,			
14	SEAT: STELLITE, API 600,	4		
	FLANGE: RF SMOOTH FINISH,	1	100	
	BODY TYPE: BB-BG-OS & Y,			
	VALVE GATE, SIZE: 10"x 300#,			
	MATERIAL: ASTM A216 GR. WCB, TRIM: 13 CR,			
15	SEAT: STELLITED, API-600,	1		
	FLANGE: ASME-CL RF-SMOOTH FINISH,	1		
	BODY TYPE: BB-BG-OS & Y,			-
	VALVE GATE, SIZE:12"x 1500#			
16	MATERIAL: ASTM A216 GR.WCB, TRIM: 13 CR,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
16	SEAT: STELLITED, BW, SCH 100, API-600,	- 1		
	BODY TYPE: BB-BG-OS & Y, WITH GEAR OPERATED,			

S.NO.	DESCRIPTION	QTY	Unit Rate	Total Price (Foreign Currency)
17	GATE VALVE,SIZE: 12" x 300# MATERIAL BODY: A216-Gr.WCB, TRIM: 13CR, SEAT: STELLITE, API 600. FLANGE: RF SMOOTH FINISH, BODY TYPE: BB-BG-OS & Y, WITH GEAR OPERATED,	2	83 S	
18	VALVE GATE, SIZE: 20" x 150# MATERIAL BODY: ASTM A216 GR. WCB, TRIM: 13 CR, SEAT: STELLITED, API-600, FLANGE: ASME-CL RF, SMOOTH FINISH BODY TYPE: BB-BG-OS & Y, WITH GEAR OPERATED,	1		. * *
19	VALVE GATE,SIZE: 3" x 150#, MATERIAL: ASTM A216 GR. WCB, TRIM: 13 CR, SEAT: STELLITED, FLANGE: ASME-CL-RF, SMOOTH FINISH, API 600, BODY TYPE: BB-BG-OS & Y,	2		
20	GATE VALVE,SIZE: 4" x 150#, MATERIAL: A216-WCB, TRIM: 13CR, SEAT: STELLITED, STANDARD PORT, FLG: ASME-CL- RF-SMOOTH-F, API600, PWHT REQUIRED, BODY TYPE: BB-BG-OS & Y,	2		
21	VALVE GATE, 4" x 1500#, MATERIAL: ASTM A216 GR.WCB, TRIM: 13 CR, SEAT: STELLITED, BW, SCH. 160., API-600, BODY TYPE: BB-BG-OS & Y, WITH GEAR OPERATED,	1		
22	VALVE GATE, SIZE: 4" x 300#, MATERIAL: ASTM A216 GR. WCB, TRIM: 13 CR, SEAT: STELLITED, API-600, FLANGE: ASME-CL, RF, SMOOTH FINISH, BODY TYPE: BB-BG-OS & Y,	2		
23	VALVE GATE, SIZE: 6" x 150#, MATERIAL BODY: A216-Gr.WCB, TRIM: 13CR SEAT: STELLITE, API600. FLANGE: RF SMOOTH FINISH, BODY TYPE: BB-BG-OS & Y,	2		
24	VALVE GATE, SIZE: 6" x 1500# MATERIAL: ASTM A216 GR.WCB, TRIM: 13 CR, SEAT: STELLITED, BW, SCH 160, API-600, BODY TYPE: BB-BG-OS & Y, WITH GEAR OPERATED,	1		

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s.no.	DESCRIPTION	QTY	Unit Rate	Total Price (Foreign Currency)
-	VALVE GATE, SIZE: 6" x 300#			* 9
25	MATERIAL: ASTM A216 GR. WCB, TRIM: 13 CR,	4		
	SEAT: STELLITED,			821 H
	FLANGE: ASME-CL- RF, SMOOTH FINISH, API-600,			
	BODY TYPE: BB-BG-OS & Y,			
	GATE VALVE, SIZE: 8" x 150#,			v **
	MATERIAL BODY: A216-Gr.WCB, TRIM: 13 CR,	2		
26	SEAT: STELLITE, API600,			
	FLANGE: RF SMOOTH FINISH,			
	BODY TYPE: BB-BG-OS & Y.			
	VALVE GATE, SIZE: 8" x 1500#,			
27	MATERIAL: ASTM A216 GR.WCB, TRIM: 13 CR,	1		
	SEAT: STELLITED, BW, SCH 100, API-600,			
	BODY TYPE: BB-BG-OS & Y, WITH GEAR OPERATED,			
	VALVE GATE, SIZE: 8" x 300#,			
	MATERIAL: ASTM A216 GR. WCB, TRIM: 13 CR,	2	QTY Unit Rate Cur	
28	SEAT: STELLITED,	-		io .
	FLANGE: ASME- CL - RF, SMOOTH FINISH, API-600,			
	BODY TYPE: BB-BG-OS & Y, OPERATOR TYPE: HANDWHEEL,	_	1	
	VALVE GATE, SIZE: 6" x 900#,			
	MATERIAL: A217-C12, TRIM: 13CR,	1		
29	SEAT: STELLITED, PRESSURE SEAL,	1		
	FLANGE: RF SMOOTH-F, API 600, ASME B16.34, PWHT,			
	OPERATOR TYPE: GEAR OPERATED,		-	
	VALVE GATE, SIZE:3" x 300#,			
	MATERAIL: ASTM A217 GR.C5, TRIM: 13 CR,	1		
30	SEAT: STELLITED, API-600,	1		
	FLANGE:ASME RF, SMOOTH FINISH, PWHT,			
	BODY TYPE: BB-BG-OS & Y,	_	QTY Unit Rate Currer 4 2 1 1 1 1	
	VALVE GATE, SIZE: 4" x 300#			
	MATERIAL: ASTM A217-GR.C5, TRIM: 13 CR,			
31	SEAT: STELLITED, API 600,	TRIM: 13 CR, API-600, I GEAR OPERATED, I, TRIM: 13 CR, H FINISH, API-600, RATOR TYPE: HANDWHEEL, CR, L, J, ASME B16.34, PWHT, ED, TRIM: 13 CR, I SH, PWHT, TRIM: 13 CR, I FINISH, HT REQUIRED, TRIM: 13 CR, H FINISH, H FINISH, H FINISH,		
26 27 28 29	FLANGE: ASME-CL, RF, SMOOTH FINISH,			
	BODY TYPE: BB-BG-OS & Y, PWHT REQUIRED,			
	VALVE GATE, SIZE: 4" x 600#,			
	MATERIAL: ASTM A217-GR.C5, TRIM: 13 CR,			
32	SEAT: STELLITED, API-600,	1		
	FLANGE: ASME-CL, RF, SMOOTH FINISH,			3 8 5
	BODY TYPE: BB-BG-OS & Y, PWHT,			

s.no.	DESCRIPTION	QTY	Unit Rate	Total Price (Foreign Currency)
	VALVE GATE, SIZE: 6" x 600#,			
	MATERIAL: ASTM A217-GR.C5, TRIM: 13 CR,			
33	SEAT: STELLITED, API-600,	1		
	FLANGE: ASME-CL, RF, SMOOTH FINISH,			e e e e
	BODY TYPE: BB-BG-OS & Y, PWHT,	~		8
	VALVE GATE, SIZE: 8" x 300#,	i		
	MATERIAL: ASTM A217-GR.C5, TRIM: 13 CR,			
34	SEAT: STELLITED, API-600,	1	1	32
	FLANGE: ASME-CL 300 RF, SMOOTH FINISH,	1 1 1 1 1 1 1 1 1 1 1 1 1		
	BODY TYPE: BB-BG-OS & Y, PWHT,			
	GATE VALVE, SIZE: 3" x 1500#,			
	MATERIAL: ASTM A351-GR.CF8C, TRIM: TP316,			
35	SEAT & DISC: STELLITED, PRESSURE SEAL, ASMR B16.34,	2		
	FLANGE: ASME-CL, RF SMOOTH FINISH,			
	BODY TYPE: BONNET BG-OS & Y,			
	GATE VALVE, SIZE: 3" x 1500#,			
	MATERIAL: ASTM A351-GR.CF8C, TRIM: TP316,			
36	SEAT & DISC: STELLITED, PRESSURE SEAL, ASMR B16.34,	2		
	FLANGE: ASME-CL, RF SMOOTH FINISH,			
	BODY TYPE: BONNET BG-OS & Y, WITH GEAR OPERATED,			
	VALVE GATE, SIZE: 1" x 800#,			
	MATERIAL: F5/13CR,			
37	SEAT: STELLITED, FULL PORT, API 600,	1	1	
	SW, W/PLAIN END NIPPLES: A335-P5, XXS, SMLS, PWHT,	1		
	BODY TYPE: BB-BG-OS & Y,			
	VALVE GATE, SIZE: 1/2" x 800#,			
	MATERIAL: F5/13CR,	1		
38	SEAT: STELLITED, API 600, FULL PORT,	4		
	SW, W/PLAIN END NIPPLES: A335-P5, XXS, SMLS, PWHT,	1 1 2 1 4 1	1	
	BODY TYPE: BB-BG-OS & Y,			
	VALVE GATE, SIZE:1-1/2" x 800#,			
	MATERIAL: A182-F5, TRIM: 13CR,	1		, ,
39	SEAT: STELLITED, SW, API: 600, FULL PORT,			
	BODY TYPE: BB-BG-OS & Y, PWHT REQUIRED,			
	VALVE GATE, SIZE: 1-1/2" x 800#,			
	MATERIAL: F5/13CR,			
40	SEAT: STELLITED, API 600, FULL PORT,	1		
	SW, W/PLAIN END NIPPLES: A335-P5, XXS, SMLS, PWHT,			
	BODY TYPE: BB-BG-OS & Y,			

s.no.	DESCRIPTION	QTY	Unit Rate	Total Price (Foreign Currency)
	VALVE GATE, SIZE: 1-1/2" x 800#,			
	MATERIAL: F5/13CR,			∂¥
41	SEAT: STELLITED, API 600, FULL PORT,	1		50 St II A 45
	SW, W/PLAIN END NIPPLES: A335-P5, SCH 160, SMLS, PWHT,	-	OTV Unit Rate	- " 2 - 9
	BODY TYPE: BB-BG-OS & Y,			
	VALVE GATE, SIZE: 2" x 800#,			
	MATERIAL: F5/13CR,			
42	SEAT: STELLITED, FULL PORT, API 600,	800#, **ULL PORT, : A335-P5, SCH 160, SMLS, PWHT, #, T, API 600, : A335-P5, XXS, SMLS, PWHT, #, TRIM: 13CR, DARD PORT, API 602, A335-P5, SCH160, SMLS, PWHT. 00#, 500, FULL PORT, NACE, 5-P5, SCH XXS, SMLS, PWHT, 00#, 502, STANDARD PORT, 00#, 1 2 2 3 3 4 5 6 6 6 7 6 7 7 7 7 7 7 7 7		
41	SW, W/PLAIN END NIPPLES: A335-P5, XXS, SMLS, PWHT,			
	BODY TYPE: BB-BG-OS & Y,			
	VALVE GATE, SIZE: 2" x 800#,			
41 42 43 44 45	MATERIAL BODY: A182-F5, TRIM: 13CR,			
	SEAT: STELLITE, SW, STANDARD PORT, API 602,	4		
	WITH PLAIN END NIPPLES: A335-P5, SCH160, SMLS, PWHT.			
	BODY TYPE: BB-BG-OS & Y,			
,	VALVE GATE, SIZE: 3/4" x 800#,			
	MATERIAL: F5/13CR,			
44	SEAT: STELLITED, SW, API 600, FULL PORT, NACE,	5		
	W/PLAIN END NIPPLE: A335-P5, SCH XXS, SMLS, PWHT,			
	BODY TYPE: BB-BG-OS & Y,			
	VALVE GLOBE, SIZE: 2" x 800#,			Currency)
	MATERIAL: A105/13 CR,	2		
45	SEAT: STELLITED, SW, API 602, STANDARD PORT,	-		-
	BODY TYPE: BB-BG-OS & Y,	QTY Unit Rate Co		
	VALVE GLOBE, SIZE: 3" x 300#,			
	MATERIAL: ASTM A216-GR.WCB, TRIM: 13 CR,			
46	SEAT: STELLITED,	1		
	FLANGE: ASME RF, SMOOTH FINISH, API-600,			
	BODY TYPE: BB-BG-OS & Y,			
	VALVE GLOBE, 3" x 600#,			
	MATERIAL: ASTM A216 GR. WCB, TRIM: 13 CR,			
47	SEAT: STELLITED,	2		
	FLANGE: ASME, RF, SMOOTH FINISH, API-600,			
	BODY TYPE: BB-BG-OS & Y,			

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	Note 1. ORIGIN: EU / USA / JAPAN / KOREA 2. MTC REQUIRED ALONGWITH DELIVERY. 3. HEAT NUMBER MUST BE PUNCHED ON THE ITEM. 4. SUCCESSFUL VENDOR / MANUFACTURER SHALL PROVIDE THIRD PARTY INSPECTION CERTIFICATE OF GATE AND GLOBE VALVES VERIFIED BY ANY OF THE FOLLOWING THIRD PARTY INSPECTION COMPANIES BEFORE SHIPMENT FOR PRIOR APPROVAL			ere y		
	-M/s. SGS	-M/s. Lloyds	е			
	-M/s. Germinscha Lloyd	-M/s. Crown Agents				
	-M/s. TUV Austria	-M/s. Bureau Veritas				
	Total FOB Price (inclusive of third party inspection) with seaworthy packing					
Sea Freight Charges to Karachi, Pakistan						
Total CFR Price						
Country of Origin						
Port of Shipment						
		Delivery Period (Readiness of mater	ial + Vo	oyage Time)		
		Mode of Payment (Let	tter of C	Credit, CAD)		
Sea Freig	B Price in Words: ht Charges in Words: R Price in Words: very Period:					

HS CODE: