

ITEM#01 CAST STEEL GLOBE VALVES (ANSI CLASS 300)

The **GLOBE VALVES** of following specifications and sizes are urgently required,

1. BILL OF MATERIALS(BOM):

Description	Specifications
Type	Regulating Globe Valve, Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem & Hand Wheel
Class	ANSI 300
Material	
Body	Stainless Steel, ASTM A351 CF8
Bonnet	Stainless Steel, ASTM A351 CF8
Disc	Stainless Steel, ASTM A351 CF8
Stem	Stainless Steel, ASTM A351 CF8
Stem Packing	PTFE to be repacked in open position
Control	Hand Wheel with Position Indicator, Ductile Iron ASTM A536
Seat	Stainless Steel, ASTM A351 CF8
Standard Compliance	Design & Manufacture: ANSI B16.134, BS 1873 Face to Face (End to End): ANSI B16.10 Flanged Connection: ANSI B16.25 Test & Inspection: API 598

2. BILL OF QUANTITIES(BOQ):

Sr. No	Size	Quantity Required (No's)
1	NPS 1-1/2"	8
2	NPS 2"	12
3	NPS 3"	12
4	NPS 4"	8
5	NPS 5"	8

ITEM#02 CAST STEEL GLOBE VALVES (ANSI CLASS 150)**1. BILL OF MATERIALS(BOM):**

Description	Specifications
Type	Regulating Globe Valve, Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem & Hand Wheel
Class	ANSI 150
Material	
Body	Cast Steel, ASTM A216WCB
Bonnet	Cast Steel, ASTM A216WCB
Disc	Stainless Steel, ASTM A276-410/420
Stem	Stainless Steel, ASTM A276-410/420
Stem Packing	PTFE to be repacked in open position
Control	Hand Wheel with Position Indicator, Ductile Iron ASTM A536
Seat	Ductile Iron, ASTM A536
Standard Compliance	Design & Manufacture: ANSI B16.134, BS 1873 Face to Face (End to End): ANSI B16.10 Flanged Connection: ANSI B16.25 Test & Inspection: API 598

2. BILL OF QUANTITIES(BOQ):

Sr. No	Size	Quantity Required (No's)
1	NPS 2"	12
2	NPS 3"	12
3	NPS 4"	08
4	NPS 5"	06

ITEM#03 CAST STEEL GLOBE VALVES (ANSI CLASS 150)**1. BILLS OF MATERIALS(BOM):**

Description	Specifications
Type	Regulating Globe Valve, Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem & Hand Wheel
Class	ANSI 150
Material	
Body	Stainless Steel, ASTM A351 CF8
Bonnet	Stainless Steel, ASTM A351 CF8
Disc	Stainless Steel, ASTM A351 CF8
Stem	Stainless Steel, ASTM A351 CF8
Stem Packing	PTFE to be repacked in open position
Control	Hand Wheel with Position Indicator, Ductile Iron ASTM A536
Seat	Stainless Steel, ASTM A351 CF8
Standard Compliance	Design & Manufacture: ANSI B16.134, BS 1873 Face to Face (End to End): ANSI B16.10 Flanged Connection: ANSI B16.25 Test & Inspection: API 598

2. BILL OF QUANTITIES(BOQ):

Sr. No	Size	Quantity Required (No's)
1	NPS 2"	12
2	NPS 3"	12
3	NPS 4"	08
4	NPS 5"	06
5	NPS 6"	04
6	NPS 8"	06
7	NPS 10"	06
8	NPS 12"	02

PACKING & MARKING:

Each Valve shall be marked with,

1. Type of Stainless Steel, Identification No. and Heat No.
2. Name / mark of manufacturer.
3. Packed in Wooden Packing and appropriately Wrapped in Plastic Sheet.