ANNEXURE - 4

1 Quantity					Dat	asheet for Meter Re	gulator					Rev.
3 Governing Standard 4 Installation Orientation Orient		1	Quantity			Refer MR						
7 Fluid State Natural Gas Gas Fluid Fluid	ERAL	2	Service			Natural Gas						
7 Fluid State Natural Gas Gas Fluid Fluid		3	Governing Standard			EN 334/ EN88-1/EN 14382						
7 Fluid State Natural Gas Gas Fluid Fluid		4	Installation Orientation			Outdoor Horizontal / Vertical						
Y Pulse State Natural Gas Gas	5	5	Line Size & Schedule			N/A						
Solution	TA AT	6	Connection Orientation			90 Degree						
14 Operating Temp. 0 - 60 DegC		7				Natural Gas Gas						
14 Operating Temp. 0 - 60 DegC												
14 Operating Temp. 0 - 60 DegC	Δ	_										
14 Operating Temp. 0 - 60 DegC	SS	_										
14 Operating Temp. 0 - 60 DegC	Ü					•						
14 Operating Temp. 0 - 60 DegC	8						: -12).					
15 Type of Regulator Direct actuating with spring control & diaphragm with in-built pressure balance.	Δ.											
16 Body Size		14	Operating	тепір.		0 - 60 DegC						
17 End Conn: Size & Rating Refer Table below		15	7. 5			Direct actuating with	spring co	ntrol & diaphr	agm with in	-built pressur	e balance.	
17 End Conn: Size & Rating Refer Table below		16				*						
18 Flange to Flange dimension (mm) Refer Table below 2 10 20 20 20 20 20 20						Refer Table below						
19 Body Material 2AMAK - 3 or Die - Cast Aluminium Alloy (Refer Note-11).					-							
Solution Steel and Brass Seal of Nitrile Rubber or Aluminium as required for service			•			ZAMAK - 3 or Die - C	ast Alumii	nium Alloy (Re	fer Note-11).		
21 Diaphragm Material Synthetic / Nitrie Rubber 22 Accuracy Class AC 10 complying to EN 334 or Equivalent 23 Closing Pressure SG 20 complying to EN 334 or Equivalent 24 Failure Position Close 25 Type of reset Auto 26 Accessories Refer note - 7 Accessories Refer note - 7 Accessories Refer note - 7 Regulator outlet Size and Rating F - F Cut-off Pressure (mbar) CRV SNO. CRV Set point Close Size and Rating Size and Rating CRV Set point CRV Se	`≿		-							•	ired for	
21 Diaphragm Material Synthetic / Nitrie Rubber 22 Accuracy Class AC 10 complying to EN 334 or Equivalent 23 Closing Pressure SG 20 complying to EN 334 or Equivalent 24 Failure Position Close 25 Type of reset Auto 26 Accessories Refer note - 7 Accessories Refer note - 7 Accessories Refer note - 7 Regulator outlet Size and Rating F - F Cut-off Pressure (mbar) CRV SNO. CRV Set point Close Size and Rating Size and Rating CRV Set point CRV Se	O C	20	Internal parts									
23 Closing Pressure SG 20 complying to EN 334 or Equivalent	—	21	Diaphragm Material			Synthetic / Nitrile Ru	bber					
24 Failure Position Close Auto Failure Position Close Auto Failure Position Close Auto Failure Position Close Auto Failure Position Caccessories Refer note - 7 Failure Position Regulator outlet Failure Position Failure P		22	Accuracy C	lass		AC 10 complying to E	N 334 or	Equivalent				
Type of reset		23	Closing Pre	essure		SG 20 complying to E	N 334 or	Equivalent				
26 Accessories Refer note - 7		24	Failure Position			Close		-				
26 Accessories Refer note - 7		25	Type of res	set		Auto						
Flow (At actual condition) Regulator outlet setpoint (Factory set) DN 20 / 3/4" outlet NPTF Distance (mm) DN 20 / 3/4" outlet NPTF Distance (mm) Not required (Refer Note required soutlet). Not required (Refer Note required note) Threaded (Both inlet and outlet). Not required (Refer Note required note) Not required note) Not required (Refer Note required note) Not required note) Not required (Refer Note (Refer Note required note) Not required note) Not required note) Not required (Refer Note (Refer Note required note) Required (Refer Note (Refer Note required note) Not required note)												
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Bidder to provide adaptors, fitting including loose nuts, washer etc. of brass material for inlet 1/2" X 3/4" and outlet 3/4" X 3/4" end connections. If Zamak-3 or die cast aluminum alloy used as body material of service regulator, coating is not required but it should be weatherproof & corrosision resistant to sustain it's life period of 20 years. CLIENT: GOA NATURAL GAS PRIVATE	1 Notes: 1 Ven 2 The nan 3 Ven 4 Pres 5 Pres ens 6 Refe 7 Acc	dor to regune of ador source assure are States	.5 m3/h .5 m3/h o specify.* llator shall the manufathall submit regulator seconstant or seconstant or seconstant or seconstant or seconstant se	Refer MR De indelibly recture, mode detailed GA chall be suitathall be directurated by the control of the cont	(Factory set) 21 mbar(g) marked with details of a name & no., unique drawing along with ble for outdoor instate t acting spring contrie. Gas Regulators docuptor of brass materia	DN 20 / 3/4" outle Threaded (Both inloutlet). of maximum flow, Inlees serial number, mont part names and MOC llation, tamper proof type with in-built pument no. VPC-SPC-56 al, plastic end caps for	et NPTF let and out th & year of the par and corre pressure r	(mm) Mfr Std let pressure ranger manufacture to along with assion resistance educing valve ore information ections protections protections	Not required ange, directing etc. datasheets. e for a life pand balance.n.	Required (Refer Note -12) on of flow, ce	Not required ertification,	2
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Weatherproof & corrosision resistant to sustain it's life period of 20 years. 12 Set point to be specified by vendor.	1 Notes: 1 Ven 2 The nan 3 Ven 4 Pres 5 Pres 6 Ref 7 Acc 8 Cod 9 The	2 2 dor t regu ne of dor s ssure sssure er Sta essor le Coi regu der tc	o specify.* lator shall the manufathall submit regulator seconstant or andard Specifies: Filter (impliance Cellator shall to provide add	Refer MR De indelibly recture, mode detailed GA chall be suitachall be directutlet pressurcification for inbuilt), adapartificate/ Type single or o	(Factory set) 21 mbar(g) marked with details of a liname & no., unique drawing along with ble for outdoor instate acting spring contract. Gas Regulators documents of the approval for a line approval for	DN 20 / 3/4" outle Threaded (Both inloutlet). of maximum flow, Inlees serial number, mont part names and MOC llation, tamper proof to type with in-built pument no. VPC-SPC-561, plastic end caps for nation Certificate confire regulator.	et NPTF let and out th & year of the par and corre pressure r 602 for me r end conre	(mm) Mfr Std let pressure ranger manufacture ts along with esistence educing valve ore information ections protections protections desired the governing	Not required ange, directing etc. datasheets. e for a life pand balance and ba	Required (Refer Note -12) on of flow, ce	Not required ertification, ears.	
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PROJECT: REGULATOR FOR CITY GAS DISTRIBUTION PROJECT AT NORTH GOA GA REGULATOR FOR CITY GAS D3 16-08-2021 AS AB AA C1 02.08.2021 AS AB AA REV. DATE PRPD CHKD APPD	1 Notes: 1 Ven 2 The nan 3 Ven 4 Pres 5 Pres 6 Ref 7 Acc 8 Cod 9 The 10 Bidd con 11 If Z wea	dor to regune of dor s ssure a le Cool reguler to rection amakather,	.5 m3/h .5 m3/h .5 m3/h .5 m3/h .5 m3/h .5 m3/h .6 specify.* .6 specify.* .6 specify.* .7 specif	Refer MR De indelibly recture, mode detailed GA shall be suitathall be directutlet pressure diffication for inbuilt), adaptertificate/ Type single or call aptors, fitting ast aluminum osision resisified by vending the single of the single or call aptors.	(Factory set) 21 mbar(g) marked with details of a line and a no., unique drawing along with ble for outdoor instate acting spring contribute. Gas Regulators docuptor of brass material pe approval/ Examination because of the stage pressure in alloy used as body tant to sustain it's lifer.	DN 20 / 3/4" outle Threaded (Both inloutlet). of maximum flow, Inlees serial number, monto part names and MOC llation, tamper proofol type with in-built purpose with in-built purpose. The serial plastic end caps for action Certificate confiner regulator. ts, washer etc. of brain material of service reife period of 20 years.	et NPTF let and out th & year of the par and correspondence or more some rend confirming to the segulator, consumers of the segulator of th	(mm) Mfr Std let pressure ranger manufacture ts along with a sion resistance educing valve ore information ections protections protections protections decided in the governing all for inlet 1/2	Not required ange, directing etc. datasheets. e for a life pand balance. etion. standard.	Required (Refer Note -12) on of flow, cederiod of 20 year regulating under 1941 (1941)	Not required ertification, ears.	
PROJECT: REGULATOR FOR CITY GAS DISTRIBUTION PROJECT AT NORTH GOA GA REGULATOR FOR CITY GAS D3 16-08-2021 AS AB AA C1 02.08.2021 AS AB AA REV. DATE PRPD CHKD APPD	1 Notes: 1 Ven 2 The nan 3 Ven 4 Pres 5 Pres 6 Ref 7 Acc 8 Cod 9 The 10 Bidd con 11 If Z wea	dor to regune of dor s ssure a le Cool reguler to rection amakather,	.5 m3/h .5 m3/h .5 m3/h .5 m3/h .5 m3/h .5 m3/h .6 specify.* .6 specify.* .6 specify.* .7 specif	Refer MR De indelibly recture, mode detailed GA shall be suitathall be directutlet pressure diffication for inbuilt), adaptertificate/ Type single or call aptors, fitting ast aluminum osision resisified by vending the single of the single or call aptors.	(Factory set) 21 mbar(g) marked with details of I name & no., unique drawing along with ble for outdoor instate acting spring controls. Gas Regulators docuptor of brass material pe approval/ Examinational Examination of the stage pressure in alloy used as body that to sustain it's lefter. GOA NATURAL GAS	DN 20 / 3/4" outle Threaded (Both inloutlet). of maximum flow, Inlees serial number, monto part names and MOC llation, tamper proofol type with in-built purpose with in-built purpose. The serial plastic end caps for action Certificate confiner regulator. ts, washer etc. of brain material of service reife period of 20 years.	et NPTF let and out th & year of the par and correspondence or more some rend confirming to the segulator, consumers of the segulator of th	(mm) Mfr Std let pressure ranger manufacture ts along with a sion resistance educing valve ore information ections protections protections protections decided in the governing all for inlet 1/2	Not required ange, directing etc. datasheets. e for a life pand balance. etion. standard.	Required (Refer Note -12) on of flow, cederiod of 20 year regulating under 1941 (1941)	Not required ertification, ears.	
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