

C&P Department (Rajasthan Fields)

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CORRIGENDUM AMENDMENT No. 01 dated 12.05.2020 to

to TENDER NO. SJG4251P21

1.0 This amendment is issued to incorporate change in technical specification of the item No. **10** (**0C000703**) of the tender as under in lieu of existing.

Item No.	Original Specification	Amended Specification
10	VACCUM INSULATED TUBING	VACCUM INSULATED TUBING
(0C000703)	VIT 114.3mm (4.5") N 80 X 73.02 mm (2 7/8") L80	VIT 114.3mm (4.5") N 80 X 73.02 mm (2 7/8") L80
	Inner Premium connection 2-7/8"; connection made	Premium connection 2-7/8"; connection made on
	on the inside tube Standard: Tube for VIT (L 80 & N	the inside tube Standard: Tube for VIT (L 80 & N 80
	80 Tubes) according to API 5CT (latest Edition)	Tubes) according to API 5CT (latest Edition)
	Nominal liner masses: 19.25 to 20 lbs/ft	Nominal liner masses: 19.25 to 20 lbs/ft
	Tube Outer dia.: 114.3mm (4.5")	Tube Outer dia.: 114.3mm (4.5")
	Tube Inner dia.: 73.02 mm(2-7/8")	Tube Inner dia.: 73.02 mm(2-7/8")
	Outer Pipe OD & Wall Thickness: 114.3 X 6.35-	Outer Pipe OD & Wall Thickness: 114.3 X 6.35-
	6.88mm (range)	6.88mm (range)
	Inner Pipe OD & wall Thickness:73.02 X 5.51 mm	Inner Pipe OD & wall Thickness:73.02 X 5.51 mm
	Connection: Integral connection or thread and coupled	Connection: Integral connection or thread and
	premium connection only (to withstand high	coupled premium connection only (to withstand high
	temperature)	temperature)
	Connection Tension efficiency:100%	Connection Tension efficiency:100%
	Connection Compression efficiency: 80% (Minimum)	Connection Compression efficiency: 80% (Minimum)
	Material outer tube: N 80	Material outer tube: N 80
	Material Inner Tube: L80	Material Inner Tube: L80
	Length, Joint: R2(30 to 32 ft)	Length, Joint: R2(30 to 32 ft)
	Max. Injection Steam Pressure:3045 PSI (21 Mpa)	Max. Injection Steam Pressure:3045 PSI (21 Mpa)
	Max. Injection Steam temperature: 662 °F (350 °C)	Max. Injection Steam temperature: 662 °F (350 °C)
	Insulation System: Multi silica based material with	Insulation System: Multi silica based material with
	annulus vacuum	annulus vacuum
	Thermal conductivity at 350°C, # W/(m·K): 0.006 -	Thermal conductivity at 350°C, # W/(m·K): 0.006 -
	0.02	0.02
	K value; BTU/h·ft·#F: 0.00346758 ~0.0115586	K value; BTU/h·ft·#F: 0.00346758 ~0.0115586
	Connection on the inside tube	Connection on the inside tube
	Overall Heat Transfer Coefficient; U: Value to be	Overall Heat Transfer Coefficient; U: Value to be
	given by bidder,	given by bidder,
	Sealing Mechanism: Metal to Metal	Sealing Mechanism: Metal to Metal
	Premium connection: Hunting, ATLAS BRADFORD	Premium connection: Hunting, ATLAS BRADFORD
	TC-4S, JFE Fox & JFE Bear, NS-CT, TENARIS,	TC-4S, JFE Fox & JFE Bear, NS-CT, TENARIS,
	VAM, TMK brand of premium connections	VAM, TMK brand of premium connections

2.0 All other Terms & Conditions of the Bid Document remain unaltered.

sd/-A. D. SINGH Manager (C&P)