OIL INDIA LIMITED
RAJASTHAN PROJECT
JODHPUR

CORRIGENDUM

TENDER No. SJG7057P18

1.0 Amendment No. 2 dated 28.02.2018 to Tender No. SJG7057P18 has been issued to amend the technical specification of the items as under :

Item No.	Existing Specification	Amended Specification
10 99084908	**INTEGRAL VACCUM INSULATED TUBING** Integral VIT 114.3mm (4.5") N 80 X 73.02 mm (2 7/8") L80 Inner Premium connection 2-7/8" Standard: Tube for VIT (L 80 & N 80 Tubes) according to API 5CT (latest Edition) Nominal liner masses: 19.25 to 20 lbs/ft Tube Outer dia.: 114.3mm (4.5") Tube Inner dia.: 73.02 mm(2-7/8") Outer Pipe OD & Wall Thickness: 114.3 X 6.35-6.88mm (range) Inner Pipe OD & wall Thickness:73.02 X 5.51 mm Connection: Integral connection or thread and coupled premium connection only (to withstand high temperature) Connection Tension efficiency:100% Connection Compression efficiency: 100% Material outer tube: N 80 Material Inner Tube: L80 Length, Joint: R2(30 to 32 ft) Max. Injection Steam Pressure:3045 PSI (21 Mpa) Max. Injection Steam temperature: 662 °F (350 °C) Insulation System: Multi silica based material with annulus vacuum Thermal conductivity at 350°C,K value: Connection: #0.02 (BTU/(ft. hour. °F); #0.08(W/m. °C) / #0.0294 W/m#K; #0.138 W/m#K Body: #0.012 (BTU/ (ft. hour. °F); #0.02(W/m. °C) / #0.02 W/m#K #0.0345 W/m#K	**INTEGRAL VACCUM INSULATED TUBING** Integral VIT 114.3mm (4.5") N 80 X 73.02 mm (2 7/8") L80 Inner Premium connection 2-7/8" Standard: Tube for VIT (L 80 & N 80 Tubes) according to API 5CT (latest Edition) Nominal liner masses: 19.25 to 20 lbs/ft Tube Outer dia.: 114.3mm (4.5") Tube Inner dia.: 73.02 mm(2-7/8") Outer Pipe OD & Wall Thickness: 114.3 X 6.35-6.88mm (range) Inner Pipe OD & wall Thickness:73.02 X 5.51 mm Connection: Integral connection or thread and coupled premium connection only (to withstand high temperature) Connection Tension efficiency:100% Connection Compression efficiency: 100% Material outer tube: N 80 Material Inner Tube: L80 Length, Joint: R2(30 to 32 ft) Max. Injection Steam Pressure:3045 PSI (21 Mpa) Max. Injection Steam temperature: 662 °F (350 °C) Insulation System: Multi silica based material with annulus vacuum Thermal conductivity at 350°C,K value: Connection: ≤0.02 (BTU/ (ft. hour. °F) / ≤ 0.0346 W/m·K ; Body: ≤0.012 (BTU/ (ft. hour. °F) / ≤ 0.02 W/m·K Overall: ≤0.013 (BTU/ (ft. hour. °F); ≤0.022 W/m·K

	Overall: #0.013 (BTU/ (ft. hour. °F); #0.0209(W/m. °C) / #0.022 W/m#K #0.0361 W/m#K Overall Heat Transfer Coefficient; U: less than 0.85 W/(m².K) Sealing Mechanism: Metal to Metal	Overall Heat Transfer Coefficient; U: less than 0.85 W/(m².K) Sealing Mechanism: Metal to Metal
20 99065547	Crossovers should be provided from the VIT connection to the Thermal Packer 73.02 mm (2 7/8"); VIT: EUE PIN; 6.5 PPF (Approx Length : 0.6 TO 1.0 M)	Crossovers should be provided from the VIT connection to the Thermal Packer 73.02 mm (2 7/8"); VIT: EUE PIN; 6.5 PPF
30 99065547	Crossovers should be provided from the VIT connection to the Tubing Hanger – Cross over, 73.02 mm (2-7/8")Premium, x114.3mm (4-1/2") Premium; 6.5 PPF (Approx Length: 0.6 TO 1.0 M)	Crossovers should be provided from the VIT connection to the Tubing Hanger - Cross over, 73.02 mm (2-7/8") Premium, x114.3mm (4-1/2") Premium; 6.5 PPF

2.0 All other terms & Conditions remain unchanged.

****