

**OIL INDIA LIMITED**

(A Government of India Enterprise)  
P.O. Duliajan, Pin – 786602  
Dist-Dibrugarh, Assam

**CORRIGENDUM**

**Amendment No. 1 Dated 25.04.2016**

**to**

**Tender No. SSG05417L16/05**

This Amendment No. 1 dated 25.04.2016 to **Tender No. SSG05417L16/05 for Procurement of PDC Bits** is issued to amend the Technical Specifications of material and Bid Closing Date of the tender as under :

**AMMENDED SPECIFICATIONS**

Poly Crystalline Diamond Compact Bit [Equivalent to Old IADC Code: M-332 (where M = Matrix Body, 3 = soft to medium formation, 3 = Cutter size of 16 mm and 2 = short profile) or New IADC Code M222 (where M = Matrix body, 2 = cutter density between 30 to 40, 2 = cutter size from 14mm to 24mm in diameter and 2= short profile)

Bit Size : 215.90 mm (8.1/2")

Pin Size : 114.30 mm (4-1/2") API Regular

Feature : MATRIX Body, Replaceable nozzles, PDC cutter with high thermal mechanical integrity, Gauge protection features (Thermally Stable Diamond inserts on the gauge), Low torque feature (Depth of cut control elements at every blade), impact arrestors, back reaming cutters on gauge pads on each blade and spiral gauge pad.

Total cutter count : 39 or more

Number of cutter Blades : 05 or more

Cutter Size : Predominant 16 mm

Cutter Type : New Generation Premium cutters like Onyx-II / Stay Sharp / Select TMI / Helios Inferno

Gauge Length : Around 2 inches

Junk Slot Area, in square inch: Minimum 14

Number of nozzles : 5 or more for efficient hole cleaning

Replaceable Nozzles Size: As per manufacturer's standard to meet the drilling parameters stated below for optimum hydraulics.

Each PDC Bit to be supplied with following Accessories:

- 1) One Set of extra nozzles complete with required 'O' rings, cir clips etc.
- 2) One set of Nozzles Replacement Kit.
- 3) One no. of Bit Breaker

Bit should be suitable to drill formations whose compressive rock strength is 10000 psi or more and in depth range from 2000 meters to 4000 meters and should be compatible to following Drilling Parameters:

- a) Rotational Speed : 50-250 RPM (i.e. suitable for rotary, SDMM and RSS)
- b) Flow Rate : 400-600 GPM.
- c) WOB : 2-12 Ton.
- d) Hydraulic Horse Power : 1 to 6 (indicative figure)

**Note:**

- 1) Bidder to provide documentary evidence in the form of minimum 20 bit runs for supplementing the performance.

**The Bid Closing Closing/Opening Date of the tender is extended up to 18.05.2016.**

All other Terms & Conditions of the tender remain unchanged.

Sd-  
**(B. Mody)**  
**Purchase Officer (FS)**