

PROCUREMENT OF REAMER SHOE AND TORQUE RINGS

Clarification 6 :

1. Kindly advise if TFA (**Total flow area**) of the shoe can be manageable as per operational requirement. Does OGDCL require Reamer shoe which has interchangeable nozzles as conventional drilling bit.
2. Please confirm if Reamer shoe should be able enough to ream/ partial drill soft to medium/ hard formations. Please advise, the compressive strengths (UCS), OGDCL is looking for these Reamer Shoes
3. Please confirm if Shoe requirement by OGDCL is PDC and TCB drillable both. Please advise if reamer shoe of Indian country origin is acceptable to OGDCL.

Reply:

- **Reamer shoe should have Nozzles and these nozzles can be interchanged to cater well conditions.**
- **Reamer shoe should be customized with tungsten carbide cutters on it so it can perform reaming job while running casing .**
- **Reamer can easily be drillable with PDC bit or TCB Bits. Indian origin is not acceptable as per Pakistan law.**