

## MATERIAL SUPPLY

Troya Oil and Gas Engineering supplies materials and after sales services through lots of foreign manufacturers and suppliers for energy sector to several Turkish companies operating in this sector. Materials can be provided from different countries around the world as new production or from stock according to customer's demand.

## Summary list of materials we provide is like below:

- ✓ Varel PDC & Roller Cone Bits
- ✓ OCTG (Casing) & Tubing
- ✓ Wellhead & Christmas Tree
- ✓ Geothermal Expanding Master Valves and Line Valves
- ✓ Cementing Equipment (Float Shoe, Float Collar, Centralizers, Liner Hanger, etc.)
- ✓ Drilling Rig (Mobile & Skid Mounted)
- ✓ Drilling Rig Handling Tools
- ✓ Drill String (Drill pipe, HWDP & Drill Collar, Stabilizer & Reamers)
- ✓ X-Over, Float and Lifting Subs
- ✓ Kelly, Swivel & Rotary Hose
- ✓ Mud Pump, Fluid End Parts & Pump Discharge Hose
- ✓ Fishing Tools
- ✓ Drilling Instruments & Recorders
- ✓ Power Tong
- ✓ High Pressure Fittings & Valves

## **Our Products:**

- ✓ Mud Pump Manifold
- ✓ Choke Manifold
- ✓ Poor Boy Degasser



## **REFERENCES**

CUSTOMERS	MATERIALS
SIS ENERJI URETIM A.S.	- 11 ea 17 ½" Rock Bits Supply for Geothermal Drilling
ARAR PETROL	- 3 ea 12 ¼" and 3 ea 8½" Rock Bits Supply for Geothermal Drilling
KARIZMA ENERJI A.S.	- 6 ea 17 ½", 5 ea 12 ¼" and 13 ea 8 ½" Rock Bits Supply for Geothermal Drilling
SINOPEC TURKEY LTD. STI.	<ul> <li>- 1 ea 12 ¼" and 1 ea 8 ½" PDC Bit, 4 ea 12 ¼" and 3 ea 8 ½" Rock Bits Supply for Geothermal Drilling</li> <li>- Casing, Wellhead Equipment and Floating Equipment supply for Geothermal Drilling</li> </ul>
KARADENIZ HOLDING	- Supply of 2 ea PDC Bits and 13 ea Rock Bits for Geothermal Drilling
YDA ERDIL ENERJI A.S.	- 16 ea Rock Bits in Various Sizes Supply for Geothermal Drilling
GEOEN D.O.O.	- 1 ea 8 ½" Rock Bit and 1 ea 5 7/8" PDC Bit Supply for Geothermal Drilling
TURKERLER A.S.	- 2 ea 12 ¼" and 2 ea 8 ½" PDC Bits Supply for Geothermal Drilling - 22,100 meters Casing for Geothermal Drilling
GURSUM ENERJI A.S.	- Casing, Wellhead Equipment and Floating Equipment supply for Geothermal Drilling
ATLI INSAAT A.S.	- Supply of Drift Indicator and Rotary Torque for Geothermal Drilling
GUNEY YILDIZI A.S.	- Tubing, Wellhead Equipment, Floating Equipment, Decanting Centrifuge and other related equipment Supply for Drilling Services
PETROTEK A.S.	- Desander, Desilter, Centrifugal Pump and Mixing Hopper Supply
BULUTLAR SONDAJ LTD. STI.	- Handling Tools, Solid Control Equipment, Drilling Instruments, Mud Test Equipment and other related equipment supply
GUL SONDAJ LTD. STI.	- BOP, Closing Unit, Cementing Equipment, Wellhead Equipment, Safety Valves, Cup Type Testers and other related equipment supply
SDS ENERJI A.S.	- Tubing supply for Geothermal Drilling
BM HOLDING / GUMUSKOY JEOTERMAL ENERJI A.S.	- Drill Pipe & Accessories, Fishing Tools, Handling Tools, Stabilizers, Drilling Instruments, Power Unit and other related equipment Supply
IGDAS / BTC CO.	- Supply of 100/65 ea Electro-Hydraulic Actuators and Spare part of M&J Surge Skids at Baku-Tbilisi-Ceyhan Crude Oil Pipe Line