

# MUD (SOLID CONTROL) SYSTEM FOR DRILLING

Sr. No	Description	Qty.
1	<b>SHALE SHAKER</b> <b>Specifications:</b> I. Vibration Motion: Linear Motion II. Handling Capacity: 120 m <sup>3</sup> /hr III. Vibration Strength $\leq 7.5G$ (Adjustable) IV. Double Amplitude: 6mm V. Deck Adjustment : -1°~5° (Mechanical/Hydraulic) VI. Noise Level: 75-85 dB VII. Screen Mesh Size= 60 mesh VIII. Screen Quantity: 3 Nos. (3D Screen) IX. API Number: Slave Equivalent as per API RP 13C X. Vibration Motors: 02 Nos. <b>Note:</b> i. Motor Brand Should be european or US make ii. Motor Should have adequate power to process the handling capacity iii. Ultra Tight Seal between screen and screen bed iv. Shaker Box should be of high strength alloy steel having high vibration strength and have heavy anti corrosion coating v. Shaker should have Easy Disassembly of shaking screen	02 Nos.
2	<b>Shale Shaker Screen (Compatible with Shale Shaker)</b> <b>Specifications:</b> Mesh Size : 60 mesh as per API No. API RP 13C	50 Nos.
3	<b>Shale Shaker Screen 3D (Compatible with Shale Shaker)</b> <b>Specifications:</b> Mesh Size : 60 mesh as per API No. API RP 13C	50 Nos.
4	<b>Mud Cleaner</b> <b>Specifications:</b> I. Handling Capacity: 120 m <sup>3</sup> /hr II. Desander Cyclone 2 X 10" or Suitable III. Mesh Size : 60 mesh IV. Desilter Cyclone 16 X 4" or suitable Separation point: 15-44µm <b>Note:</b> 1. Desander should have Vertical mounted polyurethane hydrocyclone that includes replaceable wear resistant polyurethane section that joined together with quick release S.S. Clamps 2. Optional Shut off valve on each round desilter cone inlet which will permit individual cone removal and inspection	02 Nos.
5	<b>Spares of Mud Cleaner</b> Recommended replaceable parts for one mud cleaner for 2000Hrs of drilling operation	02 Sets
A	<b>Pre-shipment Inspection / Training:</b> One week pre-shipment inspection / training by one drilling engineer of this project at manufacturer premises.	
B	<b>Provision of Instructions Manuals:</b> Two sets of Operation, Maintenance and Spare Parts manuals in English language	

**Note:**

i. *All products should be API certified.*

ii. All above mentioned mud system should be compatible with each other and have all connection, inlet and outlet pipes

iii. All quotations must be supported by complete technical literature / drawings.