

## **MUD TANK SPECIFICATIONS**

- *Total tank dimensions to be 50' long 12' wide*
- *One oilfield skids 53' X 7'10" using three beam 12" @ 50 lb.*
- *Cross members 10" @ 33 lb with 1/4" formed plate flooring*
- *Walls on tank corrugated 1/4" plate tank perimeter tbg frame*
- *Fabricate 11 gauge building over top of mixing hopper and pumps*
- *Fabricate and install hopper door access on side of mix building*
- *Supply and install exhaust fan*
- *Fabricate and install two doors on front of mud mix building*
- *All unions for piping on tanks will be hammer style*
- *All suction lines will have bridge gate valves and be sumped*
- *Supply and install 30" poor boy degasser*
- *Suction lines inside tank 10" for pump and 6" for mixing*
- *One 4" mud roll line with 2" mud guns*
- *One 6" hopper lines with butterfly fly valves*
- *One discharge manifold for both pumps*

## **5.2 TANK CAPACITIES**

- *Pill tank 30 bbls.*
- *Suction tank 120 bbls.*
- *Settling tank 105 bbls.*
- *Settling tank 110 bbls*
- *Shaker tank 100 bbls.*
- *Sand trap 10 bbls*
- *Trip tank 25 bbls.*

## **5.3 EQUIPMENT**

- *One DFTS mud conditioner*
- *Mud cleaner consist of 16 cone Desilter and 2 cone Desander*
- *Three MA – 10 hp 380 volt RG mud agitators*
- *Supply and install five jet guns*
- *Supply and install single hopper mixing system*
- *One 8" X 6" X 14" 60 HP 460 volt overhead motor driven by belts for Mixing pump*
- *Two 6" x 5" x 11" 50 HP 380 volt overhead motor driven by belts (Desilter & Desander pumps)*
- *One explosion proof 10 HP trip tank pump*

## **5.4 ELECTRICAL**

- ***Supply and install four fluorescent lighting on telescoping posts***
- ***Supply and install all electrical hard wiring and jumper cords***
- ***Supply and install distribution panel at mixing end of tank***
- ***Supply remote switch for trip tank pump to driller's panel***