

**Boiler Mont.**—lazy cocks on feed pipes with handles on foot plate (the above cocks and gauges all of brass). Double slide fire door of cast iron with wrought iron levers, &c., complete. One wrought iron dish for carrying tallow can is placed over fire hole door. 2 iron hand rail tubes with brass pillars, &c., from cab to front end of smoke box. These pillars are screwed into cast-iron distance blocks, the blocks being secured by two bolts with countersunk heads. One head lamp bracket complete. One whistle on top of dome worked from cab. Two safety valves, one  $2\frac{1}{2}$ " diameter, Ashcroft's nickel seated, completely out of engineman's control, and one of the common description 4" diameter, with lever and spring balance inside of cab; four brass cylinder cocks, worked from cab by wrought iron rods and levers. Two brass tallow cups for steam chest, fed through a  $\frac{3}{4}$ " outside diameter brass pipe from cab. One jet cock or blower. One sand box on top of boiler, with handles, rods, levers, valves, and copper pipes leading down to rail on both sides of engine. One stand and bell (all worked from cab). One brass gong on roof of cab 6" diameter. Two fusible plugs in crown plate of furnace. Nine washing out plugs of brass, size and arrangement shown in drawing. A  $\frac{3}{8}$ " thickening plate must be riveted inside of boiler plate at all points where holes are tapped through for mud plugs, except in the front tube plate. Splashers of  $\frac{1}{8}$ " plate required over driving wheels, the edges of plate faced with brass, section  $1\frac{1}{4}$ " x  $\frac{1}{8}$ ". An iron splasher plate  $\frac{1}{8}$ " thick is required over each truck wheel. Fire brick arch and wrought iron baffle plate in furnace door of coal burners. The number of the engine in 5" brass figures is to be riveted close to top of smoke box door. Upon no consideration will the contractor be allowed to omit large size round split pins in ends of truck bolts, motion pins and other bolts as shown in the various detail drawings.

**TENDER.**—Wrought iron frame to drawing. Tank to hold 2000