301-030752
1444154

SPECIFICATIONS FOR 5000 GALLON TANK:

1) TANK SHALL BE A MINIMUM 5,000 GALLON CAPACITY
2) CONSTRUCTION: POLYETHYLENE RESIN TREATED WITH AN ULTRA VIOLET RADIATION STABLIZER.
3) SHALL BE CAPABLE OF STORING ANTI-ICING MATERIALS WITH A SPECIFIC GRAVITY OF 1.5.
4) TANK SHALL BE EQUIPPED WITH A 16" MANWAY AND VENTED COVER WITH MOLDED FLAT ACCESS AREA AND LADDER TIE DOWNS, STAINLESS STEEL COMPRESSION FITTINGS, MINIMUM 2" CAMLOCK CAPPED BOTTOM FILL/ DISCHARGE FITTING, WITH A FULL-PORT VALVE (POLY) THAT REACHES WITHIN TWO INCHES OF THE BOTTOM OF THE TANK. TANK MUST HAVE MINIMUM OF 6" FLAT AREA FOR FITTING MOUNTING ON BOTTOM OF SIDEWALL OF TANK.
5) TANK SHALL BE EQUIPPED WITH A RECIRCULATION MANIFOLD WITH A 2" FULL-PORT CAMLOCK VALVE (POLY) FOR AGITATION OF LIQUID. TANK MUST HAVE A MINIMUM OF 6" FLAT AREA FOR FITTING MOUNTING ON SIDEWALL OF TANK.
6) TANK SHALL HAVE A MINIMUM 50 FOOT LONG 2" RUBBER REINFORCED SUCTION HOSE FOR CONNECTING TO THE PUMP AND RECIRCULATION MANIFOLD.
7) TANK MUST HAVE MOLDED-IN LIFT LUGS.
8) LEVEL GRADUATIONS MUST BE MOLDED IN TANKWALL PER 1,000 GALLON INCREMENTS.

SPECIFICATIONS FOR ELLIPTICAL LEG TANK (1600 GALLONS) :

1) SHALL HAVE A FULL CAPACITY OF 1600 - 1650 GALLONS
2) SHALL BE CONSTRUCTED WITH POLYETHYLENE RESIN AND BE TREATED WITH AN ULTRA VIOLET RADIATION STABILIZER.
3) SHALL BE CAPABLE OF STORING ANTI-ICING MATERIAL WITH A SPECIFIC GRAVITY OF 1.5
4) SHALL BE EQUIPPED WITH A MINIMUM 12" MANWAY AND COVER, STAINLESS ` STEEL COMPRESSION FITTINGS AND A 2" CAMLOCK BOTTOM DISCHARGE.
5) SHALL HAVE A MINIMUM OF FOUR TIE-DOWN STRAPS CONFORMING TO THE ELLIPITICAL SHAPE OF THE TANK. TIE-DOWN STRAPS SHALL COMPLY WITH MANUFACTURER SPECIFICATIONS AND SHALL BE SUPPLIED BY THE TANK MANUFACTURER.
6) DIMENSIONS:

	MINIMUM	MAXIMUM
HEIGHT:	52"	59"
WIDTH:	67"	71"
LENGTH:	138"	142"

SPECIFICATIONS FOR LARGE VOLUME CENTRIFUGAL ELECTRIC TRANSFER PUMP (15 HP):

1) SHALL HAVE A 4" SUCTION WITH A 3" DISCHARGE AND SHALL BE CAPABLE OF PUMPING VARIOUS ANTI-ICING MATERIALS AT 500 GPM.
2) IMPELLER CONSTRUCTION ; BRONZE OR CAST IRON
3) DOUBLE ROW BEARINGS AND STAINLESS STEEL SHAFT AND SLEEVE
4) MINIMUM 15 HP, 220 VOLT, THREE PHASE.
5) PUMP SHALL COME WITH MOTOR STARTER KIT AND ALL ELECTRICAL COMPONENTS READY FOR IMMEDAUTE HOOK UP.
6) SHALL INCLUDE A SCHEDULE 80 PVC FLANGE (GLUE OR THREAD) FOR EACH CONNECTION WITH GASKET IF THE PUMP HAS FLANGED CONNECTIONS.
7) PUMP SHALL BE TOTALLY ENCLOSED AND FAN COOLED.

ACCEPTABLE BRANDS/MODELS: FLOW MAX 700 SERIES MODEL 700-4 X 3-15H-1-220
EPE (JM-3600) SERIES MODEL EPE30K4HS-15
OR EQUAL

SPECIFICATIONS FOR ELECTRIC MOTOR DRIVEN CENTRIFUGAL PUMP (7.5 HP):

1) SHALL HAVE A 2" INLET AND A 1.5" OUTLET CAPABLE OF PUMPING VARIOUS ANTI-ICING MATERIALS AT 200GPM WITH A MINIMUM PSI OF 25 AFTER 10FEET.
2) SHALL HAVE STAINLESS STEEL SHAFT IMPELLER, SEVERE SERVICE SEAL, BRASS OR STAINLESS STEEL HOUSING AND STAINLESS STEEL SHAFT.
3) IMPELLER SHALL HAVE THE CAPABILITY OF PUMPING ANTI-ICING AGENTS WITH A MINIMUM SPECIFIC GRAVITY OF 1.5.
4) PUMP SHALL BE TOTALLY ENCLOSED AND FAN COOLED.
5) MOTOR AND PUMP SHALL BE MOUNTED WITH STAINLESS STEEL BOLTS (WELDED MOUNTINGS WILL NOT BE ACCEPTABLE).
6) PUMP SHALL BE CONNECTED BY A 2" CAMLOCK COUPLER TO THE TANK AND MANIFOLD.
7) PUMP SHALL BE A MINIMUM 7.5 HP, 220 VOLT, THREE PHASE.
8) PUMP SHALL BE EQUIPPED WITH A MOTOR STARTER AND ALL ELECTRICAL COMPONENTS READY FOR IMMEDIATE ELECTRICAL HOOK UP.

NOTE: ALL DEPARTMENT OF TRANSPORTATION FACILITIES WILL PROVIDE EQUIPMENT AND OPERATOR TO UNLOAD ALL ITEMS. PLEASE CONTACT ORDERING FACILITY 24 HOURS PRIOR TO DELIVERY.