

CITY OF MISSION
SPECIFICATIONS
BID NAME/NO.: CORROSION INHIBITOR FOR PUBLIC WORKS NORTH & SOUTH WATER
TREATMENT PLANTS/

- I. Scope of Work: The City of Mission is accepting bids for Corrosion Inhibitor for Public Works North & South Water Treatment Plants for the North and South Water Treatment Plants.
- I. General Information: The maximum plant flow at the North Water Plant is 17.5 mgd and the minimum plant flow is 7.0 mgd. The average plant flow is 10.5 mgd. The maximum plant flow at the South Water Plant is 8.0 mgd and the minimum plant flow is 6.0 mgd. The average plant flow is 7.0 mgd.
- II. Specifications: Please read your specifications thoroughly and be sure that the Chemicals for Water Treatment Plants offered complies with all requirements. Variations from the specifications will not be allowed. The City requires for a product bulletin and material safety data sheets to be included with bid.
1. The bidder's **Corrosion Inhibitor** must be approved and registered as an **NSF Standard 60 product** for use in potable water systems.
The solution shall conform to the following:
- i. Sodium Hexametaphosphate 25%
 - ii. pH: 5.3-5.6
 - iii. Solubility in water: Complete
 - iv. Specific gravity (water=1): 1.20-1.22
 - v. Appearance: Clear, colorless liquid-no odor
 - vi. Shelf life: one (1) year
 - vii. Boiling point: 212° F
 - viii. Freezing point: 20° F
2. Delivery: City of Mission North Water Treatment Plant and South Water Treatment Plants. All loads shall be delivered by the contractor to the locations designated by the City of Mission personnel at time of order. All shipments shall be placed at the exact spot(s) designated by the City of Mission personnel.
- Storage tank capacity: 3,000 gallons at North Water Plant and 3,000 gallons at South Water Plant, distance from truck unloading spot is within reasonable distance. Split loads between Treatment Plants are occasionally ordered as needed.
- Deliveries of Chemicals for Water Treatment Plants shall be by drivers thoroughly trained and familiar with the related hazards, safety measures, and spill clean-up procedures. **ALL SPILLS AND LEAKAGE, REGARDLESS OF SIZE, SHALL BE PROPERLY AND IMMEDIATELY CLEANED UP BY THE BIDDER'S PERSONNEL.** Proper labeling, including hazard warnings, will be required on all delivery trucks and storage tanks.