

September 14, 2018

Mr. John Childress
 Texas Workforce Commission
 101 E 15th Street Rm109, Austin, TX 78778

**Subject: Texas Workforce Commission Headquarters
 Main Complex Cooling Water -Austin TX
 NALCO Water Treatment Proposal
 Contract Dates: 09/01/2018 to 08/31/2019**

Dear Mr. Childress,

Thank you for the opportunity to assist you in providing a proposal for the HVAC water treatment at TWC Main Complex, Trinity Bldg, and Annex Bldg.

Nalco Estimated Budget

We have proposed a 12 month program total based on the estimated load. Water Treatment and Equipment requirements are subject to change, in order to meet operational requirements.

Table 1 – Annual Budget Water Treatment Program Summary

| Item | Item Description | Details | Monthly Price | Annual Price |
|-----------------|---|---------|---------------|--------------|
| 1 | Nalco Chemical 1 year Service Program (Main) | Table 2 | \$513.68 | \$6,164.10 |
| 2 | Nalco Chemical 1 year Service Program (Trinity) | Table 3 | \$422.00 | \$5,064.00 |
| 3 | Nalco Chemical 1 year Service Program (Annex) | Table 4 | \$422.00 | \$5,064.00 |
| Total PO Amount | | | | \$16,292.10 |

Proposal is valid for 45 days.

All Pricing is per TXMAS Contract # TXMAS 885M2-2334.

Contract is for one year.

Please contact me if you have any questions.

Thanks,

Chad Nachtigal
 District Representative
chad.nachtigal@ecolab.com
 Cell: 512-364-1323



Nalco Service Summary:

NALCO will provide monthly on-site service visit to include the following.

- Written personal service report submitted via email.
- Agreed upon Service Plan.
- Plant Survey
- Inventory monitoring and inventory control/ordering and delivery to site.
- Onsite Personnel Training on testing and control.
- Monthly on-site service visit to meet scope of service.
- Cooling Tower System
 - Sampling and wet testing for conductivity, pH, total alkalinity, calcium hardness, total hardness, TRASAR inhibitor, free and total chlorine, total bacteria via dip slide.
 - Change out and provide report for corrosion coupon monitoring quarterly for operating corrosion coupon rack.
 - Inspect general condition of equipment and cooling towers.
- Chill Water System
 - Sampling and wet testing for conductivity, pH and nitrite inhibitor residual.
 - Quarterly total bacteria dip slide testing.
 - Qty. (1) annual differential microbiological analysis by NALCO lab.
 - Change out and provide report for corrosion coupon monitoring bi-annually for operating corrosion coupon rack. System currently does not have corrosion coupon rack for use.
- Personal Service Reports –includes water analysis, summary and consulting recommendations.
- Visual inspection of system components.
- Program Administration Manual
- Annual Business Review (Executive Summary)
- 3DT Controller Service includes:
 - Weekly & Monthly submitted NALCO 360 Expert Center Cooling Water report via email for 3D TRASAR historical monitoring and control.
 - Graphical Analysis and History trends used to optimize system.
 - Check and verify proper operation of NALCO 3D TRASAR controller and routine controller maintenance with 3D TRASAR maintenance kits.
 - Real-time monitoring of conductivity, pH, ORP, temperature, chemical (trasar) consumption, cell fouling, and mild steel & copper corrosion rates measured by 3D TRASAR.

**Table 2: Main 1 year Program Chemical/Service Offerings
Monthly Service Visits**

| Item Description | Part No. | Volume | Qty | Price |
|--|--------------------|---------------|------------|-------------------|
| Scale & corrosion inhibitor Condensor Water | NALCO 3DT230.12 | 15 gal drum | 4 ea | \$2,082.60 |
| Oxidizing Biocide | NALCO ST70.12 | 15 gal drum | 3 ea | \$1,738.35 |
| Non-Oxidizing Biocide | NALCO 2838.12 | 15 gal drum | 2 ea | \$1,086.90 |
| Scale & corrosion inhibitor Closed Loop Water | TRAC108.12 | 15 gal drum | 1 ea | \$508.12 |
| Analytical Lab Testing | | | | \$748.13 |
| Total: (freight charges included) Govt. Tax Exempt | | | | \$6,164.10 |

**Table 3: Annex 1 year Program Chemical/Service Offerings
Monthly Service Visits**

| Item Description | Part No. | Volume | Qty | Price |
|--|--------------------|---------------|------------|-------------------|
| Scale & corrosion inhibitor Condensor Water | NALCO 3DT230.12 | 15 gal drum | 3 ea | \$1,561.95 |
| Oxidizing Biocide | NALCO ST70 | 15 gal drum | 2 ea | \$1,158.90 |
| Non-Oxidizing Biocide | NALCO 2838 | 15 gal drum | 2 ea | \$1,086.90 |
| Scale & corrosion inhibitor Closed Loop Water | TRAC108.12 | 15 gal drum | 1 ea | \$508.12 |
| Analytical Lab Testing | | | | \$748.13 |
| Total: (freight charges included) Govt. Tax Exempt | | | | \$5,064.00 |

**Table 4: Trinity 1 year Program Chemical/Service Offerings
Monthly Service Visits**

| Item Description | Part No. | Volume | Qty | Price |
|--|--------------------|---------------|------------|-------------------|
| Scale & corrosion inhibitor Condensor Water | NALCO 3DT230.12 | 15 gal drum | 3 ea | \$1,561.95 |
| Oxidizing Biocide | NALCO ST70 | 15 gal drum | 2 ea | \$1,158.90 |
| Non-Oxidizing Biocide | NALCO 2838 | 15 gal drum | 2 ea | \$1,086.90 |
| Scale & corrosion inhibitor Closed Loop Water | TRAC108.12 | 15 gal drum | 1 ea | \$508.12 |
| Analytical Lab Testing | | | | \$748.13 |
| Total: (freight charges included) Govt. Tax Exempt | | | | \$5,064.00 |