

IOA and Specifications for LASR Facility Water Maintenance/Treatment
RFQ: N00173-23-Q-0086
SCHEDULE A - CONTRACTED SERVICES

Detailed below is a list of maintenance services and frequencies to be provided on the equipment listed.

Service Description	Qty/Visit	Service Interval Service Start
REVIEW OPERATORS LOG BOOK High Purity System & Rain Water System	1	Monthly
RECORD SERVCON DATA High Purity System & Rain Water System	1	Monthly
SYSTEM FEED WATER CHEMISTRY	1	Monthly
INSP/REC DATA BLEND VALVE High Purity System	1	Monthly
INSP/REC DATA ACT CARBON FLTR High Purity System (1) & Rain Water System (3)	1	Monthly
INSP/REC DATA WATER SOFTENER High Purity System (2) & Rain Water System (3) System (3)	1	Monthly
INSP/REC DATA REVERSE OSMOSIS High Purity System	1	Monthly
INSP/REC DATA ULTRAVIOLET High Purity System (1) & Rain Water System (2)	1	Monthly
INSP/REC DATA STORAGE TANK/ACC High Purity System (1) & Rain Water System (1)	1	Monthly
INSP/REC DATA SERVICE DI High Purity System	1	Monthly
INSP/REC DATA CONTROL PANEL High Purity System & Rain Water System	1	Monthly
INSP/REC DATA PUMP High Purity System (2) & Rain Water System (2)	1	Monthly
INSP/REC DATA CART FLTR HSNG High Purity System & Rainwater System	1	Monthly
FUNCTION CHECK BLEND VALVE High Purity System	1	Monthly
FUNCTION CHECK PUMPS High Purity System & Rain Water System	1	Monthly
FUNCTION CHECK CART FLTR HSNGS High Purity System & Rain Water System	1	Monthly

FUNCTION CHECK ACT CARBON FLTRS High Purity System & Rain Water System	1	Monthly
FUNCTION CHECK WATER SOFTENERS High Purity System & Rain Water System	1	Monthly
FUNCTION CHECK REVERSE OSMOSIS, High Purity System	1	Monthly
FUNCTION CHECK ULTRA VIOLET High Purity System & Rain Water System	1	Monthly
FUNCTION CHECK STORAGE TNK/ACC High Purity System & Rain Water System	1	Monthly
FUNCTION CHECK SERV DEIONIZATION High Purity System	1	Monthly
FUNCTION CHECK CONTROL PANEL High Purity System & Rain Water System	1	Monthly
MAINT REPLACE PREFILTER CART High Purity System	1	Monthly
MAINT REPLACE POST FILTER CART Rain Water System	12	Quarterly
MAINT REPLACE POST FILTER CART High Purity System	4	Semi-annual
MAINT SERVICE DEIONIZATION High Purity System	2	Quarterly
MAINT REPLACE VENT FILTER CART High Purity System & Rain Water System	2	Annual
MAINT CARBON FILTER REBED High Purity System (1) Pre Treatment	1	Annual
MAINT WATER SOFTENER REBED High Purity System (2) Pre Treatment	1	Annual
MAINT RO MEMBRANE SANITIZATION High Purity System	1	Annual
UV LAMP REPLACEMENTS High Purity System	1	Annual
MAINT UV REPLACE QUARTZ SLEEVES High Purity System	1	Annual
MAINT SANITIZE STOR TANK/ ACC High Purity System	2	Annual

MAINT DISTRIB LOOP SANITIZE
High Purity System

Annual

CALIBRATION RESIS/COND METERS
High Purity System

Annual

SCHEDULE B - CONTRACTED MATERIALS

The materials listed below, will be provided as a part of the Maintenance Agreement.

Quantity per Year Contracted Materials	Service Interval	UOM	Qty Per Year
CARBON 12X40 COAL 55#lbs	Annual	CF	2
RESIN C-211 (Na) CATION, W2T135899	Annual	CF	2
CART 20 5UM CODE F PP ROG II, W2T159701	Monthly	EA	12
CART 10 0.2UM CODE O PLTD VNT, W2T158624	Annual	EA	1
SDIMIXBED1 3.6CF FBGLS STD POT	Quarterly	EA	8
LAMP UV UVMAX PRO10/G/G PLUS, W2T303001	Annual	EA	1
SLEEVE QUARTZ UVMAX G/G PLUS/PRO 10	Annual	EA	1
CART 10 0.2UM CDE 0 ASYM POLYSUL NON-VAL SINGLE LAYER	Semi-annual	EA	8
UV LAMP FOR TROJAN PRO20, W2T378684, Rain Water System	Annual	EA	1
QUARTZ SLEEVE FOR TROJAN PRO20, W2T378696	Annual	EA	1
CART 30 50UM CODE F PP ROG II, W2T177740	Quarterly	EA	48