

**SECTION E
INSPECTION AND ACCEPTANCE**

E.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following clauses are hereby incorporated by reference:

52.246-4 Inspection of Services – Fixed Price (Aug 1996)
52.246-6 Inspection - Time-and-Material and Labor-Hour (May 2001)
52.246-16 Responsibility for Supplies (Apr 1984)

(End of Clause)

**E.2 HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT (FAR 52.246-11)
(FEB 1999)**

The Contractor shall comply with the higher-level quality standards identified below.

Title

Quality Management and Quality Assurance
ANSI/ISO/ASQ Q9001:2000 Standards

(End of Clause)

**E.3 GOVERNMENT CONTRACT QUALITY ASSURANCE FUNCTIONS (NFS
1852.246-71) (OCT 1988)**

In accordance with the inspection clauses of this contract, the Government intends to perform quality assurance functions at MSFC in accordance with the Performance Requirements Summary located at Clause E.9.

(End of Clause)

**E.4 CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM
REQUIRED SERVICES FOR ALL LUMP SUM WORK**

A. The Contractor is responsible to totally fulfill the performance requirements of this contract. In addition to Clause E.1, the Government will deduct from the

Contractor's invoice or otherwise withhold payment for any items of nonconforming service as specified below.

1. The Government may apply an inspection technique that covers all or part of the work and may, at its option, use an independent inspector to collect data for the technical monitor to use to either assess the Contractor's performance or determine the amount of payment due or both. The defect rate for the purpose of assessing the Contractor's performance will be the sum of all defects observed during the course of the work, expressed as either a percentage of the total population of work items or a per defect basis for the month. (The defect rate will not be extrapolated to the total population of work items to determine payment due.) The Quality Level is 100% minus the defect rate. If the quality level does not meet or exceed the Acceptable Quality Level (AQL) in the Performance Requirements Summary (PRS), the Contractor's quality control is considered unsatisfactory. Failure to consistently maintain adequate quality control can result in termination for default.
 2. A contract requirement may be composed of several subtasks called work requirements. A contract requirement may be determined to be partially complete if the Contractor satisfactorily completes some, but not all, of the work requirements. In those cases, deductions may still be taken from the Contractor's invoice. In addition to all of the rights the Government may have, the Government shall, for partially completed work, make the deductions, as set forth below.
- B. The Government will give the Contractor written or verbal notice of deficiencies prior to deducting for non-performed or unsatisfactory work. Therefore:
1. In the case of non-performed work, the Government
 - a. Shall deduct from the Contractor's invoice all amounts associated with such non-performed work at the prices established by the Schedule of Prices (reference clause B.9) and the PRS or provided by other provisions of this contract, unless the Contractor is permitted or required to perform pursuant to paragraph b. below and satisfactorily completes the work;
 - b. May, at its option, afford the Contractor an opportunity to perform the non-performed work within a reasonable period subject to the discretion of the COTR, but in no event longer than six (6) hours in the case of

daily services, or 24 hours in the case of all other services, of the notice to the Contractor of such nonperformance, at no additional cost to the Government; or

- c. May, at its option, perform the services by Government personnel or other means.

2. In the case of unsatisfactory work, the Government

- a. Shall deduct from the Contractor's invoice all amounts associated with such unsatisfactory work at the prices established by the Schedule of Prices and the PRS or provided by other provisions of the contract; unless the Government afforded the Contractor an opportunity to re-perform pursuant to paragraph b. below and satisfactorily complete the work;
- b. May, at its option, afford the Contractor an opportunity to perform the unsatisfactory work within a reasonable period subject to the discretion of the COTR, but in no event longer than six (6) hours in the case of daily services, or 24 hours in the case of all other services, of the notice to the Contractor of such unsatisfactory work, at no additional cost to the Government; or
- c. May, at its option, perform the services by Government personnel or other means.

- C. Should the Government elect options B.1.a, B.1.b., B.2.a, or B.2.b above, the Government will not assess additional remedies if: (1) the Contractor is working in good faith with the Government to correct the problem(s) in the future; (2) the Contractor does not have a repetitive trend of non-performed and unsatisfactory work for the same requirements, and (3) the Contractor is willing to re-perform defective services at no additional cost to the Government.
- D. Should the Government elect B.1.c. or B.2.c. above, the Government will reduce the contract payment by the amount paid to any Government personnel (based on wages, retirement and fringe benefits) plus material, or the actual costs of other means that accomplished the services. If the actual costs cannot be readily determined, the prices established by the Schedule of Prices and PRS will be utilized in establishing a deduction amount. In addition to these payment deductions, the Government will assess an additional 20 percent or \$100 per contract requirement, whichever is greater, to compensate the Government for administrative costs and other expenses incurred by the Government to obtain satisfactory completion of the services.

- E. Where the Government exercises its options in B.1.b. or B.2.b., the Contractor's original inspection results shall not be modified upon re-inspection. Instead, any payment reduction shall be offset by a credit for satisfactory re-performance.
- F. The Government's exercise of rights under this clause shall not preclude either (1) single occurrences of such nonperformance or unsatisfactory performance, or (2) multiple occurrences of nonperformance or unsatisfactory performance, regardless of whether deductions were taken, from being grounds for termination in accordance with the clause FAR 52.249-8, "Default (Fixed-Price Supply and Service)", in Section I.
- G. In the event the price of non-performed or unsatisfactory work cannot be determined from the prices set out in the Schedule (reference clause B.9), or on the basis of the actual cost to the Government, estimating methods may be used. Means Facilities Cost Data or other estimating sources may be utilized to estimate the cost of non-performed work or the costs that would be incurred in remedying unsatisfactory work. The Government may estimate the using wage rate and fringe benefits from the wage determinations included in the contract. The Government may use estimates of the Contractor's overhead, profit rates, and material costs if applicable.

(End of Clause)

**E.5 CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM
REQUIRED SERVICES FOR IDIQ WORK**

- A. The Contractor is responsible to totally fulfill the performance requirements of this contract. In addition to Clauses E.1 and E.2, the Government will withhold payment for any FWR or DO that does not conform to the requirements specified. The Government will give the Contractor written notice of deficiencies by copy of the final inspection results or other applicable documentation.
- B. In addition to withholding payment until IDIQ work is accepted by the Government, the Government may deduct from the Contractor's invoice the amount specified below:

<u>DEDUCTIONS FOR IDIQ WORK</u>	
Failure to comply with proposal estimate schedule	Subtract three percent from the total FWR/DO amount
Failure to satisfy FWR/DO requirements by completion date specified on FWR/DO	Subtract five percent from the total FWR/DO amount
Failure to avoid unplanned disruptions to building occupants during performance of work	Subtract five percent from the total FWR/DO amount
Failure to provide FWR/DO submittals per contract requirements	Subtract five percent from the total FWR/DO amount
Failure to provide adequate reporting per requirements listed in contract	Subtract five percent from the total FWR/DO amount

Should the Government be required to perform the deficient services by Government or other personnel, the Government will reduce the contract payment by the amount paid to any Government personnel (based on wages, retirement and fringe benefits) plus material, or the actual costs of other means that accomplished the services. If the actual costs cannot be readily determined, the prices set out in the Contractor’s FWR or DO proposal will be utilized in establishing a deduction amount. In addition to these payment deductions, the Government will assess an additional 20 percent or \$500 per contract requirement, whichever is greater, to compensate the Government for administrative costs and other expenses incurred by the Government to obtain satisfactory completion of the services.

- C. The Government’s exercise of rights under this clause shall not preclude either (1) single occurrences of such nonperformance or unsatisfactory performance, or (2) multiple occurrences of nonperformance or unsatisfactory performance, regardless of whether deductions were taken, from being grounds for termination in accordance with the clause 52.249-8, “Default (Fixed Price Supply and Service,)” in Section I.

(End of Clause)

E.6 CONTRACTORS SELF- EVALUATION OF PERFORMANCE

Contractor’s Self-evaluation of Performance shall be submitted by the 8th working day of each month, complete with backup and analyses for all Lump Sum and IDIQ

work completed in performance of this contract. This includes computing deductions taken from lump sum work Schedule of Prices. The Contractor's Self-Evaluation will be considered by the Government in its evaluation. For each event where the Contractor is found to be inaccurate in the Contractor's monthly self-evaluation, a unilateral deduction of \$1000 will be deducted from the Contractor's total monthly invoice in addition to deductions identified at Performance Evaluation Meetings.

(End of Clause)

E.7 PERFORMANCE EVALUATION MEETINGS

The Contractor shall meet with the Government on a monthly basis to discuss the Contractor's prior month performance. The Contractor's Self Evaluation of Performance will be assessed by the Contracting Officer, the COTR, and the Government Technical Monitors. A mutual effort will be made to resolve all problems identified. The Performance Evaluation Meeting and performance results will be determined before monthly invoices are paid.

(End of Clause)

E.8 ALTERNATE DISPUTES RESOLUTION

No claim shall be submitted for monthly contract adjustments made pursuant to "Consequences of Contractor's Failure to Satisfy Performance Requirements" that in the aggregate for each month exceed \$10,000.

The Government and Contractor will develop, after contract award, a mutually acceptable alternative for resolving disputes that may arise during the performance of this contract.

(End of Clause)

E.9 PERFORMANCE REQUIREMENTS SUMMARY

The Contract Requirements listed in this Performance Requirements Summary (PRS) summarize specific firm fixed price tasks that are to be performed under this contract. The Performance Requirements associated with each Contract Requirement are as shown in the PRS and include:

- A. Work Requirements. A series of subtasks associated with each particular Contract Requirement are listed in column 3 of the PRS.

- B. Weight. The value of each Work Requirement is specified as a percentage of the Contract Requirement with which it is associated in column 4 of the PRS. The percentages are based on judgment, taking into account both the costs incurred by the Contractor in carrying out a particular Work Requirement, and the detriment to the Government if the Work Requirement is not satisfied. The Weight compared with the accepted line item unit prices provided in the Schedule of Prices, Section B, will be the primary basis for deducting for partially performed, unsatisfactorily performed, and non-performed work.
- C. Acceptable Quality Level (AQL). The AQL for each Work Requirement is identified in column 5 of the PRS. The AQL is the quality rate for a monthly population of services which, when not met, indicates that the Contractor's quality control is unsatisfactory. The AQL does not represent a threshold for payment deductions. Deductions will be taken for all defects (with appropriate credit for rework) regardless of whether the AQL was not met. The AQL is expressed as a percentage of the total population per period of time or as a number acceptable products per period of time.
- D. A failure to meet the requirements stipulated in the availability matrix in Attachment J-10 will constitute a total failure in quality for deductive purposes. The Government may choose to assess actual damages up to \$10,000 per event in addition to deductions calculated from the PRS.
- E. CLIN 00X1.1005, Handling and Transportation Program, is unique in that failure of equipment or personnel to perform to pre-established schedules associated with Program Critical Hardware moves will constitute a total failure in quality for deductive purposes.
- F. Notes referenced in "NOTES" column of the PRS:
1. Timeliness AQL for reports or submittals similar to reports. The AQL reflects days per period of time (monthly, quarterly, semi-annually, etc.). For evaluation purposes, a standard month of 30 days will be used. Example: If the AQL is 95%, then a deviation of 5% is allowed. The allowable deviation equates to $30 \text{ days} * .05$ or 1.5 days.
 2. Timeliness AQL for allotted response time. The AQL reflects percent of allotted response time. Example: If a response time of 4 hours is required, a AQL of 95% would allow a deviation from this requirement of $4 \text{ hrs} * 60 \text{ min./hr.} * .05$ or 12 minutes.
 3. Timeliness AQL for physical work and operational maintenance. The AQL reflects units of work per period of time (daily, monthly, quarterly, semi-

annual, etc.). Example: If the AQL requires a 97% quality level for work completion time and 100 units are completed, the AQL would be $100 * .97$ or 97 units. The Government will use a specific number of units of work if less than 100 units of work are performed during the evaluation period.

Example: If the AQL is 98% and only 10 units of work are performed, the AQL would become $10 - 2 = 8$ units of work instead of $10 * .98$.

4. Quality or documentation AQL for all work. The AQL reflects work units that meet specified requirements. Example: If the AQL is 97% and 100 units are completed, the AQL would be $100 * .97$ or 97 units.
5. Maintain operational status AQL. The AQL reflects systems or equipment that meet the established operational parameters with respect to time (usually months). Example: If the AQL requires a 98% quality level for maintaining boiler efficiency at 80% or greater, the AQL would be $30 * .98$ or 29.4 days.

(End of Clause)

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E.9 PERFORMANCE REQUIREMENTS SUMMARY

EXAMPLES OF CONTRACTOR DEDUCTIONS USING THE SCHEDULE OF PRICES AND THE PRS

FROM THE SCHEDULE OF PRICES:

PARAGRAPH REFERENCE	CLIN	DESCRIPTION OF SERVICE/SUPPLIES	EST. ANNUAL SERVICE/SUPPLIES	UNIT	UNIT PRICE	TOTAL PRICE
3.2	0001.0302	1. Quality Control Plan	1	A	\$10,000	\$10,000
		2. Quarterly Summary Report	4	Q	\$1,000	\$4,000
4.2	0001.0401	1. Trouble Calls	12	M	\$400,000	\$4,800,000

FROM THE PRS:

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENT	WEIGHT	AQL	REQUIREMENT
00X1.0302	1. Quality Control Plan	1. Quality (content per DRD)	80%	100%	DRD 1197QE-001
		2. Timeliness	20%	98%	
	2. Quarterly Summary Report	1. Quality (content per DRD)	80%	100%	DRD 1197QE-001
		2. Timeliness	20%	98%	
00X1.0402	1. Trouble Calls	1. Quality	50%	98%	Para. 4.2A & 4.2C
		2. Timeliness	30%	97%	Para. 4.2D, 4.2F, & 4.2G
		3. Documentation	20%	98%	Para. 4.2D & 4.2E

Note: Paragraphs and requirements column refer to Attachment J-1.

Example 1 – CLIN 0001.0302, Quality Control Plan and Quarterly Summary Report:

Assume the Contractor submits the Quality Control Plan 3 days late but addresses all content requirements. Also, the Quarterly Summary Report is submitted on time but does not address all content requirements. The Contractor will be assessed deductions as follows and receive a quality rating as follows:

	Price per unit *	Weight *	Contractor’s Failure Rate	= Total deduction for this CLIN
1. Quality Control Plan:	\$10,000 *	.20 *	1	= \$2,000
2. Quarterly Summary report	\$1,000 *	.80 *	1	= \$800

Quality Control Plan acceptable timeliness 360 days * (1.00-.98) = 7.2 days. Therefore, the timeliness quality level exceeds the AQL.

Quarterly Summary Report quality level is 1 (report) * .00 = 0. Therefore, the quality level is unsatisfactory.

Example 2 – CLIN 0001.0401, Trouble Calls:

Assume the Contractor performs the 1,000 trouble calls in one month but 50 of these are completed late. The Contractor will be assessed deductions as follows and receive a quality rating as follows:

	Price per unit *	Weight*	Contractor’s Failure Rate	= Total deduction for this CLIN
	\$400,000/1000*	30 *	50	= \$6,000

Timeliness quality level is 100- (1,000/50 * 100) = 95%. Therefore, the quality level is unsatisfactory.

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.0301	Safety and Health Plan	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197SA-001
00X1.0302	1. Quality Control Plan	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197QE-001
	2. Quarterly Summary Report	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197QE-001
00X1.0303	Technical Reference Library	1. Documentation	70%	97%	4	Para 3.2A.3
		2. Timeliness	30%	98%	3	
00X1.0304	Preventive Maintenance (PM) Plan	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-002
		2. Timeliness	20%	98%	1	
00X1.0305	Work Control Center	1. Quality	60%	97%	4	Para. 3.2B.1
		2. Documentation	20%	97%	4	
		3. Timeliness	20%	97%	3	
00X1.0306	Computerized Maintenance Mgnt. System (CMMS)	1. Documentation	50%	97%	4	Para. 3.2B.2
		2. Timeliness	50%	97%	3	
00X1.0307	Annual Work Plan	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-003
		2. Timeliness	20%	98%	1	
00X1.0308	Five Year Maintenance Plan	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-005
		2. Timeliness	20%	98%	1	
00X1.0309	Facility Condition Assessment	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-006
		2. Timeliness	20%	98%	1	
00X1.0310	1. Facility Condition Assessment Schedule	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-006
		2. Timeliness	20%	98%	1	
00X1.0311	Facility Condition Assess Proj Recommendation	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-008
		2. Timeliness	20%	98%	1	
00X1.0312	Reliability Centered Maintenance Report	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-010
		2. Timeliness	20%	98%	1	
00X1.0313	Headquarters (HQ) Metrics	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-012
		2. Timeliness	20%	98%	1	
00X1.0314	IDIQ Schedule	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-016
		2. Timeliness	20%	98%	1	

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.0401	Trouble Calls	1. Quality 2. Timeliness 3. Documentation	50% 30% 20%	98% 97% 98%	4 2&3 4	Para 4.2A & 4.2C Para. 4.2D, 4.2F, & 4.2G Para. 4.2D & 4.2E
00X1.0402	Trouble Call Services Minor Service Requests	1. Quality 2. Timeliness 3. Documentation	50% 30% 20%	98% 97% 98%	4 2&3 4	Para 4.2B & 4.2C Para. 4.2D, 4.2F, & 4.2G Para. 4.2D & 4.2E
00X1.0501	Systems Engineering	1. Quality	100%	97%	4	Para. 5.0
00X1.0601	Establish Spill Response Team	1. Quality	100%	97%	4	Para. 6.2A.1
00X1.0602	Response to Spills and Releases	1. Quality 2. Timeliness	40% 60%	100% 100%	4 2	Para. 6.2A.2
00X1.0603	Spill Equipment and Supplies	1. Quality 2. Timeliness	50% 50%	97% 95%	4 3	Para. 6.2A.3
00X1.0604	Asbestos and Lead Abatement Records	1. Quality 2. Timeliness	75% 25%	97% 90%	4 3	Para. 6.2.B
00X1.0605	Spill Response Team, Equip and Supplies Listing	1. Quality (content per DRD) 2. Timeliness	75% 25%	97% 90%	4 3	DRD 1197EE-003
00X1.0606	Asbestos Management Program	1. Quality (content per DRD) 2. Timeliness	75% 25%	97% 90%	4 1	DRD 1197EE-001
00X1.0607	Lead Program	1. Quality (content per DRD) 2. Timeliness	75% 25%	97% 90%	4 3	DRD 1197EE-002
00X1.0608	Asbestos and Lead Monthly Report	1. Quality (content per DRD) 2. Timeliness	75% 25%	97% 90%	4 3	DRD 1197EE-004
00X1.0701	Fire Alarm System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 7.2B
00X1.0702	Gas Detection System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 7.2C
00X1.0703	Fire Alarm System Operations	1. Maintain operational status 2. Timeliness	70% 30%	98% 97%	4&5 2&3	Para 7.2D
00X1.0704	Gas Detection System Operations	1. Maintain operational status 2. Timeliness	70% 30%	98% 97%	4&5 2&3	Para 7.2E
00X1.0801	Fire Suppression Wet Pipe System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2B
00X1.0802	Fire Suppression Pre-Action System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2C

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.0803	Fire Suppression Dry System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2D
00X1.0804	Fire Suppression Foam System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2E
00X1.0805	Fire Suppression Dry Chemical PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2F
00X1.0806	Emergency Shower/Eyewash Station Monthly PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2G
00X1.0807	Sump and Sewer Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2H
00X1.0808	Storm Drainage System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2I
00X1.0809	Surface Areas Sweeping: Streets & Parking Lots	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2J
00X1.0810	Fire Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2K
00X1.0811	Standpipe PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2L
00X1.0812	C02 PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2M
00X1.0813	Wet Chemical PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2N
00X1.0814	Miscellaneous Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2O
00X1.0815	Automatic Fire Sprinkler Sys Quarterly Insp Report	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197LS-007
00X1.0901	Semi-Annual Roof Inspections	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 9.2B
00X1.0902	Pest Control	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 9.2C
00X1.0903	Equipment Room PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 9.2D
00X1.1001	Horizontal and Vertical Sliding Roll Door PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2B

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.1002	Hoist, Crane, and Derrick PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2C
00X1.1003	Elevator PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2D
00X1.1004	Heavy Equipment Operation	1. Heavy equipment availability 2. Fabrication/load testing lifting devices 3. Timeliness	60% 20% 20%	98% 98% 97%	2 4 3	Para. 10.2E
00X1.1005	Handling and Transporting Program Critical Hdwe	1. Maintain operational status	100%	100%	4&5	Para. 10.2F
00X1.1006	Deionized Water Operations and PM	1. Purity 2. PM quality 3. Timeliness	50% 30% 20%	100% 98% 97%	4 4 3	Para. 10.2G
00X1.1007	Indust Wastewater Treatment Fac Operations and PM	1. Environmental compliance 2. PM quality 3. Timeliness	50% 30% 20%	100% 98% 97%	4 4 3	Para. 10.2H
00X1.1008	Air Compressor PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2I
00X1.1009	Air Dryer PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2J
00X1.1010	Ice Machine PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2K
00X1.1011	Special Purpose Shop Equipment PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2L
00X1.1012	Annual Crane and Hoist Inspection	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197LS-013
00X1.1013	Elevator Inspection	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	Annual inspection – DRD 1197LS-014 Five year inspection – DRD 1197LS-015
00X1.1014	Maintenance Procedures	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197LS-011
00X1.1101	Steam Boiler Operation	1. Maintain operational status	70% 30%	98% 97%	4&5 3	Para. 11.2A

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.1102	Steam Distribution	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2B
00X1.1103	Primary Steam Boiler PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2C
00X1.1104	Boiler Feed Water Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2D
00X1.1105	Condensate Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2E
00X1.1106	Power Boiler Annual Certification	1. Certifications 2. Timeliness	70% 30%	98% 97%	4 1	DRD 1197LS-004
00X1.1107	Portable Boiler PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2G
00X1.1108	Steam Trap Inspection	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2.H
00X1.1201	Hot Water Boiler PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2A
00X1.1202	Boiler Hot Water Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2B
00X1.1203	Boiler Feed Water Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2C
00X1.1204	Chilled Water Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2D
00X1.1205	Chiller PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2E
00X1.1206	Air Handler Unit PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2F
00X1.1207	Exhaust Fan PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2G
00X1.1208	Cooling Tower PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2H
00X1.1209	Cooling Tower Circulating Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2I
00X1.1210	Cooling Tower Water Treatment	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2J

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.1211	Humidifier and Dehumidifier PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2K
00X1.1212	Trailer Mounted Mobile Chiller (Emerg Chiller) PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2L
00X1.1213	Water Treatment for Chilled Water Systems	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2M
00X1.1214	Water Treatment for Hot Water & Steam Boilers	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2N
00X1.1215	Refrigerant Reclamation	1. Quality	100%	100%	4	Para. 12.2O
00X1.1216	Supply and Return Air Fan PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2P
00X1.1217	Heating Vent Unit PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2Q
00X1.1218	Heating, Ventilating, Air Cond & Refrig Ops and Maint	1. Maintain operational status 2. Timeliness	70% 30%	98% 97%	4&5 3	Para. 12.2R
00X1.1219	DXAC Heat Pump Unit PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2S
00X1.1220	Computer Room Unit PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2T
00X1.1221	Back-Flow Preventer PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2U
00X1.1222	Air Filter PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2V
00X1.1223	Hot Water Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2W
00X1.1224	Refrigerant Recovery Management Plan	1. Quality 2. Documentation	50% 50%	98% 98%	4 4	Para. 12.3C
00X1.1225	Coil Cleaning	1. Quality 2. Documentation	70% 30%	98% 97%	4 3	Para. 12.2.X
00X1.1301	Fixed and Mobile Emerg Generator System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2B
00X1.1302	Electrical Switch Gear PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2C
00X1.1303	Street and Perimeter Lighting PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2D

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.1304	Mobile and Fixed Emerg Generator Sys Operation	1. Maintain operational status	100%	98%	4&5	Para. 13.2E
00X1.1305	UPS, Rectifiers & Battery Bank PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2F
00X1.1306	Special Electrical Power Systems Operation	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2G
00X1.1307	Interior and Ext Low and High Voltage Dist Sys PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2H
00X1.1308	4160-Volt Power Support	1. RASA 2. Quality 3. Timeliness	30% 50% 20%	98% 98% 97%	4 4 3	Para 13.2I
00X1.1309	Emergency Light PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2J
00X1.1310	Variable Speed Drives PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2K
00X1.1311	Static Ground and Lightning Protection PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2L
00X1.1312	Storage Tank Monitor PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2M
00X1.1401	Damage and Utility Control (DUC) Team	1. Timeliness	100%	100%	3	14.2

(End of Clause)

[END OF SECTION]