

ATTACHMENT J-6

CONTRACT SCHEDULES

TO-1 (PA)	Preliminary Assessment (PA) Proposed Guaranteed Cost Savings and Contractor Payments
TO-1 (final)	Guaranteed Cost Savings and Contractor Payments
TO-2	Implementation Price by Energy Conservation Measure
TO-3	Post-Acceptance Performance Period Cash Flow
TO-4	Contract Performance Period First Year Estimated Annual Cost Savings, by Energy Conservation Measure and Technology Category
TO-5	Annual Cancellation Ceiling Schedule

Schedule Date: _____

SCHEDULE TO-1 (Preliminary Assessment – PA)
PROPOSED GUARANTEED COST SAVINGS AND CONTRACTOR PAYMENTS

IMPORTANT INFORMATION

- (1) This schedule is not to be altered or changed in any way. Please note any clarifications in the comments/explanations area below.
- (2) [Reserved]
- (3) The guaranteed annual cost savings are based on the general description of M&V plan proposed for the project.
- (4) The total of annual contractor payments represents the TO price and should be supported by information submitted.
- (5)) If applicable, prior to the post-acceptance performance period, implementation period allowable payments and energy savings are one-time amounts only.
- (6) The proposed guaranteed cost savings during the implementation period and post-acceptance performance period must exceed the contractor payments.
- (7)) If applicable, submit escalation rates applied to initial estimated annual cost savings in column (a) as follows: a) energy rates: _____% per year (specify for each energy type); b) energy-related O&M savings (including water and sewer): _____% per year.
- (8) If selected, the contractor shall complete the installation of all proposed ECMs not later than _____ months after task award.

Contract No.:	Contractor Name:	Project Site:
	(a) Estimated Cost Savings (\$)	(b) Proposed Guaranteed Cost Savings (\$)
		(c) Contractor Payments (\$)
Implementation Period		
	(d) Estimated Annual Cost Savings (\$)	(e) Proposed Guaranteed Annual Cost Savings (\$)
Post-Acceptance Performance Period Year		(f) Annual Contractor Payments (\$)
One		
Two		
Three		
Four		
Five		
Six		
Seven		
Eight		
Nine		
Ten		
Eleven		
Twelve		
Fourteen		
Fifteen		
Sixteen		
Seventeen		
Eighteen		
Nineteen		
Twenty		
Twenty-one		
Twenty-two		

Twenty-three			
Twenty-four			
Total Post Acceptance:	\$	\$	\$
		Total Guaranteed Cost Savings (b+e)	Total Contractor Payments (c+f)
Total Implementation Period & Post Acceptance:			

Explanations/Comments:

Schedule Date: _____

SCHEDULE TO-1 (final)

GUARANTEED COST SAVINGS AND CONTRACTOR PAYMENTS

IMPORTANT INFORMATION

- (1) This schedule is not to be altered or changed in any way. Please note any clarifications in the comments/explanations area below.
- (2) The first year post-acceptance performance period estimated annual cost savings reflect technical proposal and engineering estimates as presented in TO-4.
- (3) The guaranteed annual cost savings are based on the general description of M&V plan proposed for the project.
- (4) The total of contractor payments (columns c and f) represents the TO price and should be supported by information submitted in and provided with Schedules TO-2 and TO-3.
- (5) If applicable, prior to post-acceptance performance period, implementation period allowable payments and energy savings are one-time amounts only.
- (6) If applicable, provide a separate table showing proposed energy rates (i.e., \$/kWh, \$/kW, \$/MBtu) for each post-acceptance performance period year, derived using the National Institute of Standards and Technology Handbook 135 and Annual Supplement or other appropriate methods. Also, submit escalation energy-related O&M savings (including water and sewer): ____% per year.
- (7) The proposed guaranteed cost savings during the implementation period and post-acceptance performance period must exceed the contractor payments
- (8) [Reserved]
- (9) [Reserved]
- (10) If selected, the contractor shall complete the installation of all proposed ECMs not later than _____ months after TO award.

Task Order No.:	Contractor Name:		Project Site:
	(a) Estimated Cost Savings (\$)	(b) Guaranteed Cost Savings (\$)	(c) Contractor Payment (\$)
Implementation Period			
Post-Acceptance Performance Period Year	(d) Estimated Annual Cost Savings (\$)	(e) Guaranteed Annual Cost Savings (\$)	(f) Annual Contractor Payments (\$)
One			
Two			
Three			
Four			
Five			
Six			
Seven			
Eight			
Nine			
Ten			
Eleven			
Twelve			
Fourteen			
Fifteen			
Sixteen			
Seventeen			
Eighteen			
Nineteen			

Twenty		
Twenty-one		
Twenty-two		
Twenty-three		
Twenty-four		
Total Post Acceptance:		
	Total Guaranteed Cost Savings (b+e)	Total Contractor Payments (c+f)
Total Implementation Period & Post Acceptance:		

Explanations/Comments:

SCHEDULE TO-2

IMPLEMENTATION PRICE BY ENERGY CONSERVATION MEASURE

IMPORTANT INFORMATION:

- 1) This schedule is not to be altered or changed in any way. Please note any clarifications in the comments/explanations area below.
- 2) Implementation expense shall include only direct costs for each ECM and no post-acceptance performance period expenses. Indirect expenses and profit will be applied to the sum of direct expenses for all ECMs and project development to calculate total implementation price (d) for the project.
- 3) Contractor shall attach adequate supporting information detailing total implementation expenses.
- 4) Contractor shall propose bonded amount representing the basis of establishing performance and payment bonds per Section H of the contract, as required.
- 5) Attached supporting information shall be presented to identify portions of ECM or project expenses included in proposed bonded amount.
- 6) Proposed bonded amount is assumed to include indirect expenses and profit applied to implementation expenses above, unless otherwise specified by contractor.
- 7) For the following ECMs, enter the *total installed capacity of new equipment* in the units specified (e.g., chillers-150); chillers and packaged units in tons, VFDs in hp, boilers and furnaces in input Btu/hr, BAS/EMCS in number of points, transformers in kVA, generators in kW. For lighting ECMs, specify baseline kW treated.
- 8) M&V expense shall not include any performance-period expenses.

Project Site:

Task Order No.:

Contractor Name:

Tech Category (TC)	ECM No.	Equipment Description — Title	ECM Size	M&V Expense	Implementation Expense		(c) Profit \$	(d) Implementation Price: Totals (a)+(b)+(c) = (d)
					(a) Direct	(b) Indirect		
n/a	n/a	Project Development	n/a	\$	\$			
					\$			
					\$			
					\$			
					\$			
					\$			
					\$			
					\$			
					\$			
					\$			
					\$			
					\$			
					\$			
					\$			
					\$			
TOTALS					\$	\$	\$	\$
Bonded Amount (\$)								

Explanations/Comments:

SCHEDULE TO-3 — POST-ACCEPTANCE PERFORMANCE PERIOD CASH FLOW

IMPORTANT INFORMATION: This schedule is not to be altered or changed in any way.

Project Site:	Contract Order No:	Contractor Name:
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Project Capitalization		Applicable Financial Index:	Issue Date:
Total Implementation Price (from TO-2 Total)		Term (Years):	Source:
Plus Financing Procurement Price (\$)		Index Rate:	Effective Through:
Less Implementation Period Payments (from TO-1 (final) (c))(If proposed, must be fully documented)		Added Premium (adjusted for tax incentives):	
Total Amount Financed (Principal)		Project Interest Rate:	

Term	1	2	3	4	5	6
Annual Cash Flow (Post-Acceptance Performance Period)						
Debt Service						
Principal Repayment (\$)						
Less incentives (i.e., REC, White Tag, etc.)						
Net principal repayment before interest						
Interest (\$)						
Total Debt Service (a)						
Post-Acceptance Performance Period Expenses						
Management/Administration						
Operation						
Maintenance						
Repair and Replacement						
Measurement and Verification						
Permits and Licenses						
Insurance						
Property Taxes						
Other – Describe and Explain						
Other – Describe and Explain						
SUBTOTAL Before Application of Indirect Rates						
Indirect Cost Rate (%)						
Indirect Cost Applied (\$)						
SUBTOTAL Post-Acceptance Performance Period Exp						
Post-Acceptance Performance Period Profit (%)						
Post-Acceptance Performance Period Profit (\$)						
Total Post-Acceptance Performance Period Expenses (b)						
TOTAL - ANNUAL CONTRACTOR PAYMENTS (a)+(b)						

Term	7	8	9	10	11	12
Annual Cash Flow (Post-Acceptance Performance Period)						
Debt Service						
Principal Repayment (\$)						
Less incentives (i.e., REC, White Tag, etc.)						
Net principal repayment before interest						
Interest (\$)						
Total Debt Service (a)						
Post-Acceptance Performance Period Expenses						
Management/Administration						
Operation						
Maintenance						
Repair and Replacement						
Measurement and Verification						
Permits and Licenses						
Insurance						
Property Taxes						
Other – Describe and Explain						
Other – Describe and Explain						
SUBTOTAL Before Application of Indirect Rates						
Indirect Cost Rate (%)						
Indirect Cost Applied (\$)						
SUBTOTAL Post-Acceptance Performance Period Exp						
Post-Acceptance Performance Period Profit (%)						
Post-Acceptance Performance Period Profit (\$)						
Total Post-Acceptance Performance Period Expenses (b)						
TOTAL - ANNUAL CONTRACTOR PAYMENTS (a)+(b)						

Term	13	14	15	16	17	18
Annual Cash Flow (Post-Acceptance Performance Period)						
Debt Service						
Principal Repayment (\$)						
Less incentives (i.e., REC, White Tag, etc.)						
Net principal repayment before interest						
Interest (\$)						
Total Debt Service (a)						
Post-Acceptance Performance Period Expenses						
Management/Administration						
Operation						
Maintenance						
Repair and Replacement						
Measurement and Verification						
Permits and Licenses						
Insurance						
Property Taxes						
Other – Describe and Explain						
Other – Describe and Explain						
SUBTOTAL Before Application of Indirect Rates						
Indirect Cost Rate (%)						
Indirect Cost Applied (\$)						
SUBTOTAL Post-Acceptance Performance Period Exp						
Post-Acceptance Performance Period Profit (%)						
Post-Acceptance Performance Period Profit (\$)						
Total Post-Acceptance Performance Period Expenses (b)						
TOTAL - ANNUAL CONTRACTOR PAYMENTS (a)+(b)						

Term	19	20	21	22	23	24	Total – All Years
Annual Cash Flow (Post-Acceptance Performance Period)							
Debt Service							
Principal Repayment (\$)							
Less incentives (i.e., REC, White Tag, etc.)							
Net principal repayment before interest							
Interest (\$)							
Total Debt Service (a)							
Post-Acceptance Performance Period Expenses							
Management/Administration							
Operation							
Maintenance							
Repair and Replacement							
Measurement and Verification							
Permits and Licenses							
Insurance							
Property Taxes							
Other – Describe and Explain							
Other – Describe and Explain							
SUBTOTAL Before Application of Indirect Rates							
Indirect Cost Rate (%)							
Indirect Cost Applied (\$)							
SUBTOTAL Post-Acceptance Performance Period Exp							
Post-Acceptance Performance Period Profit (%)							
Post-Acceptance Performance Period Profit (\$)							
Total Post-Acceptance Performance Period Expenses (b)							
TOTAL - ANNUAL CONTRACTOR PAYMENTS (a)+(b)							

Explanations/Comments:

SCHEDULE TO-4

Contract Performance Period First Year Estimated Annual Cost Savings, by Energy Conservation Measure and Technology Category

IMPORTANT INFORMATION:

- 1) Project Square Footage (in 1000 SF) - Include only building square footage affected by installed ECMs in project.
- 2) For column (a) insert estimated energy baseline by ECM and total project in MBtu based on IGA, and proposal data.
- 3) For column (c1), annual electric demand savings (kW/yr) is the sum of the monthly demand savings
- 4) Energy conversion factors for MBtu: MBtu=10⁶ Btu; Electricity — 0.003413 MBtu/kWh; Natural Gas — 0.1 MBtu/therm ; #2 Oil — 0.128 MBtu/gal.
- 5) Specify "Other" energy savings in (e)(1) and (e)(2) as applicable. Include energy type____; energy units____; and MBtu conversion factor____.MBtu/____(unit)
- 6) This schedule is not to be altered or adapted in any way. Please note any clarifications in the comments/explanations area below.

Project Site:			Task Order#:				Contractor Name:					Project Square Footage (KSF):						
TC No. Att J3	ECM No.	a. ECM energy baseline (MBtu/yr)	b1. Electric energy savings (kWh/yr)	b2. Electric energy savings (\$/yr)	c1. Electric demand savings (kW/yr)	c2. Electric demand savings (\$/yr)	d1. Natural gas savings (MBtu/yr)	d2. Natural gas savings (\$/yr)	e1. Other savings (MBtu/yr)	e2. Other savings (\$/yr)	f. b1+d1+e1 Total energy savings (MBtu/yr)	g.=b2+c2+d2 +e2 Total energy cost savings (\$/yr)	h. Other energy- related and O&M cost savings (\$/yr)	i. Water savings (1000 gal/yr)	j. Water savings (\$/yr)	k=g+h+j Estimated annual cost savings (\$/yr)	l. Implementation price (\$)	m=l/k Simple Payback (yrs.)
TOTALS																		

Explanations/Comments:

SCHEDULE TO-5**ANNUAL CANCELLATION CEILING SCHEDULE****IMPORTANT INFORMATION:**

(1)) Cancellation Ceilings for each time period specified below establish the maximum termination liability for that time period, and includes the remaining unamortized principal on total amount financed for each time period specified below plus any prepayment charges. Actual total termination costs will be negotiated.

(2) The contractor may attach a monthly Financing Termination Liability Schedule.

(3)) In the event of contract cancellation or termination for convenience, FAR 52.217-2 or 52.249.2 will apply.

Project Site:	Task Order No:	Contractor Name:

Time Period	Cancellation Ceiling
Installation Acceptance	
End of Year One	
End of Year Two	
End of Year Three	
End of Year Four	
End of Year Five	
End of Year Six	
End of Year Seven	
End of Year Eight	
End of Year Nine	
End of Year Ten	
End of Year Eleven	
End of Year Twelve	
End of Year Thirteen	
End of Year Fourteen	
End of Year Fifteen	
End of Year Sixteen	
End of Year Seventeen	
End of Year Eighteen	
End of Year Nineteen	
End of Year Twenty	
End of Year Twenty-one	
End of Year Twenty-two	
End of Year Twenty-three	
End of Year Twenty-four	
End of Year Twenty-five	