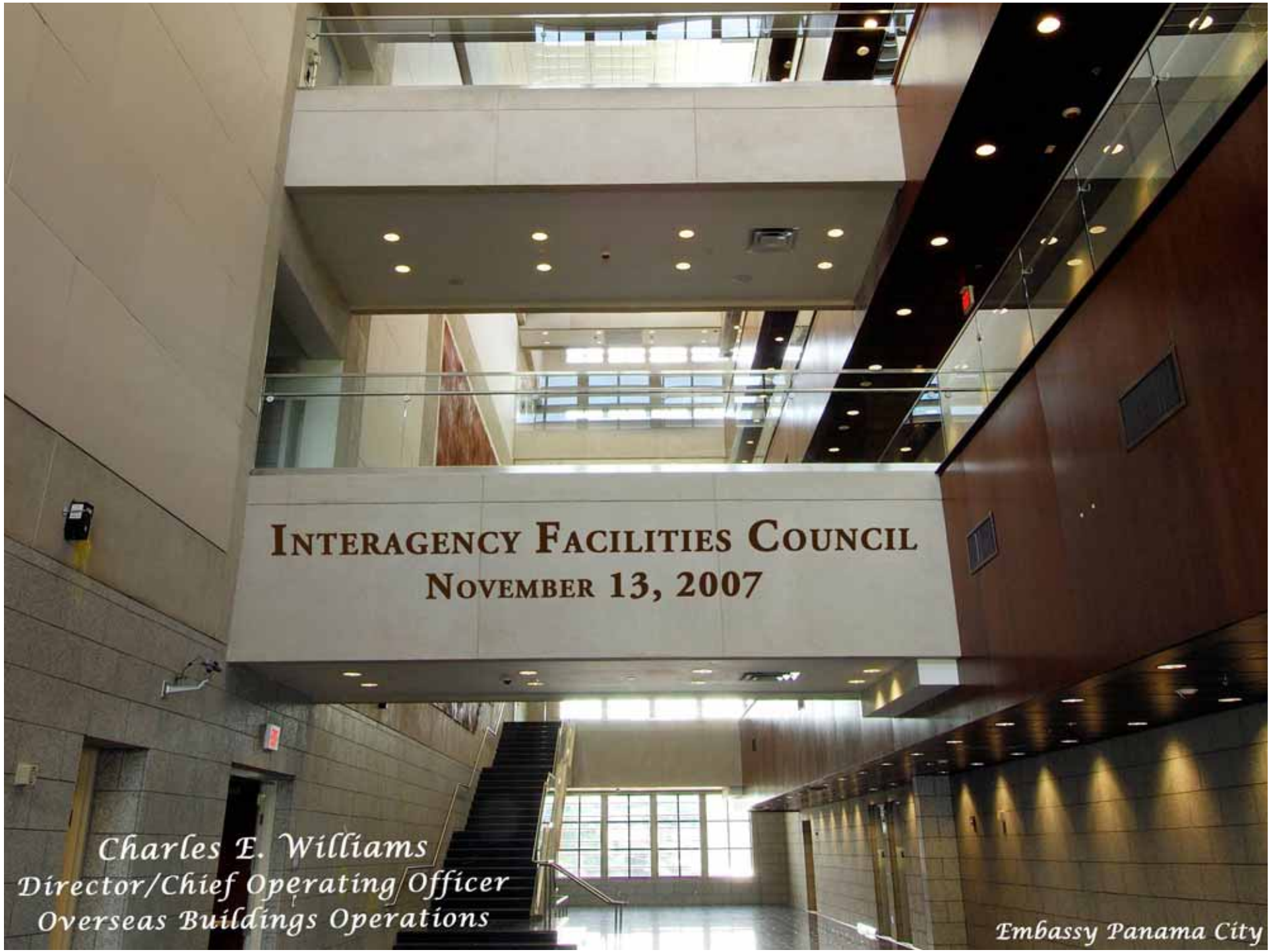
OVERSEAS BUILDINGS OPERATIONS

Agenda for November 13 IFC Meeting

1. Opening Remarks - Charles E. Williams, Director/Chief Operating Officer
2. Update of Capital Security Cost Sharing – Alexander Kurien, OBO/PD/SPD
3. Energy and Sustainable Design Program (ESDP) - Melanie Berkemeyer, OBO/PD/DE/ADB
4. NEC Cubical Design / Work Stations and Standard Embassy Design Change Requests (SCR) - Dave Barr, OBO/PD/PDD
5. Overseas Office Furniture Purchasing Program - Patricia Delaughter, OBO/OM/AM/PM
6. Open Discussion
7. Closing Remarks - Charles E. Williams, Director/Chief Operating Officer


INTERAGENCY FACILITIES COUNCIL
NOVEMBER 13, 2007
Charles E. Williams
Director/Chief Operating Officer
Overseas Buildings Operations
Embassy Panama City

OVERSEAS BUILDINGS OPERATIONS

The Mandate

- Our facilities play a critical role in Secretary Rice's focus on transformational diplomacy

- Delicately put in place new and improved diplomatic platforms overseas that provide security and safety, and allow for the transformation of diplomacy for the United States Government

OVERSEAS BUILDINGS OPERATIONS

Some Quick Facts

Opened/Year	New Facilities
2000	One
2006	Fifteen
2007	Sixteen (Forecasted)

OMB's "PART" rated OBO's New Construction Program for Capital Security Construction 97% (Effective) – Among the highest scores in the Federal Government.

Results-Based Operations and Maintaining a Level Playing Field with Contractors

- Performance
- Accountability
- Discipline
- Credibility

("Communication and Transparency" is the Mantra)

OVERSEAS BUILDINGS OPERATIONS

OBO Director's Targeted Communication/Coordination Opportunities

- Monthly Open Door (Anyone in OBO family)
- Weekly Staff Meetings
- Weekly Top Team Meetings
- Weekly Project/Program Progress Reviews
- Weekly Cross-cutting Meeting
- Bi-Weekly Risk Assessment/Certification/Accreditation Meetings
- Weekly Risk Management Meetings
- Recurring Procurement Meeting (A/LM)
- Lessons Learned/Innovation Task Force Meetings
- Monthly Program/Project Performance Reviews (PPR)
- Quarterly Interagency Meetings
- Planning & Development Meetings with Regional and Special Customers

OVERSEAS BUILDINGS OPERATIONS

Why "New Ways to Think, New Ways to Build?"

- OBO made strategic transformations in its organizational structure and processes during 2001- 2005.
- It was necessary at the end of 2005 to refocus on management thinking around the "shifting" world conditions to "get it right" in the future

OVERSEAS BUILDINGS OPERATIONS

The Williams 20

1. **MOVE** to a true risk allocation process that is fair, clear and acceptable to all parties.
2. **AVOID** adding a non-traditional scope of work to the general contractor's Design-Build team.
3. **ALLOW** specialty contractors to perform highly sensitive and special work (separate contract).
4. **REPRESENT** to the Design-Build team that all "*Rights of Passage*" issues have been handled so they will not impact an orderly construction process. (e.g. host country requirements)
5. **MOVE** to provide simple, clear and firm RFP language for procurement.
6. **ENSURE** estimates are derived from empirical data extracted from normal conditions.
7. **MOVE** Value Engineering to the planning phase of Project Development.
8. **LOOK** for Project Directors who can create and maintain a strong team.
9. **PAY** more attention to the quality of the Design-Build team's on-site staffing.
10. **FIX** customer expectations at the pre-construction session and control them through the construction period.

OVERSEAS BUILDINGS OPERATIONS

The Williams 20

11. **DELIVER** a building site that is ready for construction now.
12. **MAKE** the Standard Design (SED) a true "site adaptation" vehicle.
13. **MOVE** to a "TRUE" Design-Build delivery method for our NECs by providing the Design-Build team a standard design that equals approved construction document.
14. **INCREASE** emphasis on smart, energy efficient, and sustainable building going forward.
15. **HELP** bring the procurement team to the "new ways to think, new ways to build" mentality.
16. **DEAL** appropriately with change orders immediately (set time periods in the early stages of the process).
17. **DESIGN** reviews must be expedited and cannot generate requirements that add to scope without identifying funding and allowing time extension.
18. **CONSIDERATION** must be given to the "how-to" for Operations and Maintenance in the planning phase of our projects.
19. **ADD** a commissioning staff to the on-site team and ensure that this staff is an active participant in pre-construction.
20. **BEGIN** to get serious about the use of public-private partnerships to assist with some of our work.

OVERSEAS BUILDINGS OPERATIONS

The OBO NEC Acquisition Process (14 Steps)

1. Site Selection
2. Site Purchase
3. Project Planning and Development
4. Acquisition of the Design/Build Team
5. Certification Process
6. On-Site Project Supervision Team
7. Notice to Proceed to Design/Build Team
8. Construction Substantial Completion
9. Accreditation Process
10. Issuance of Certificate of Occupancy
11. Formal Turn Over (Project Director & Facility Manager)
12. Post Move In
13. Punch List and Warranty Management
14. Contractor's Final Release

OVERSEAS BUILDINGS OPERATIONS

LEED Certification

Sofia, Bulgaria NEC

OVERSEAS BUILDINGS OPERATIONS

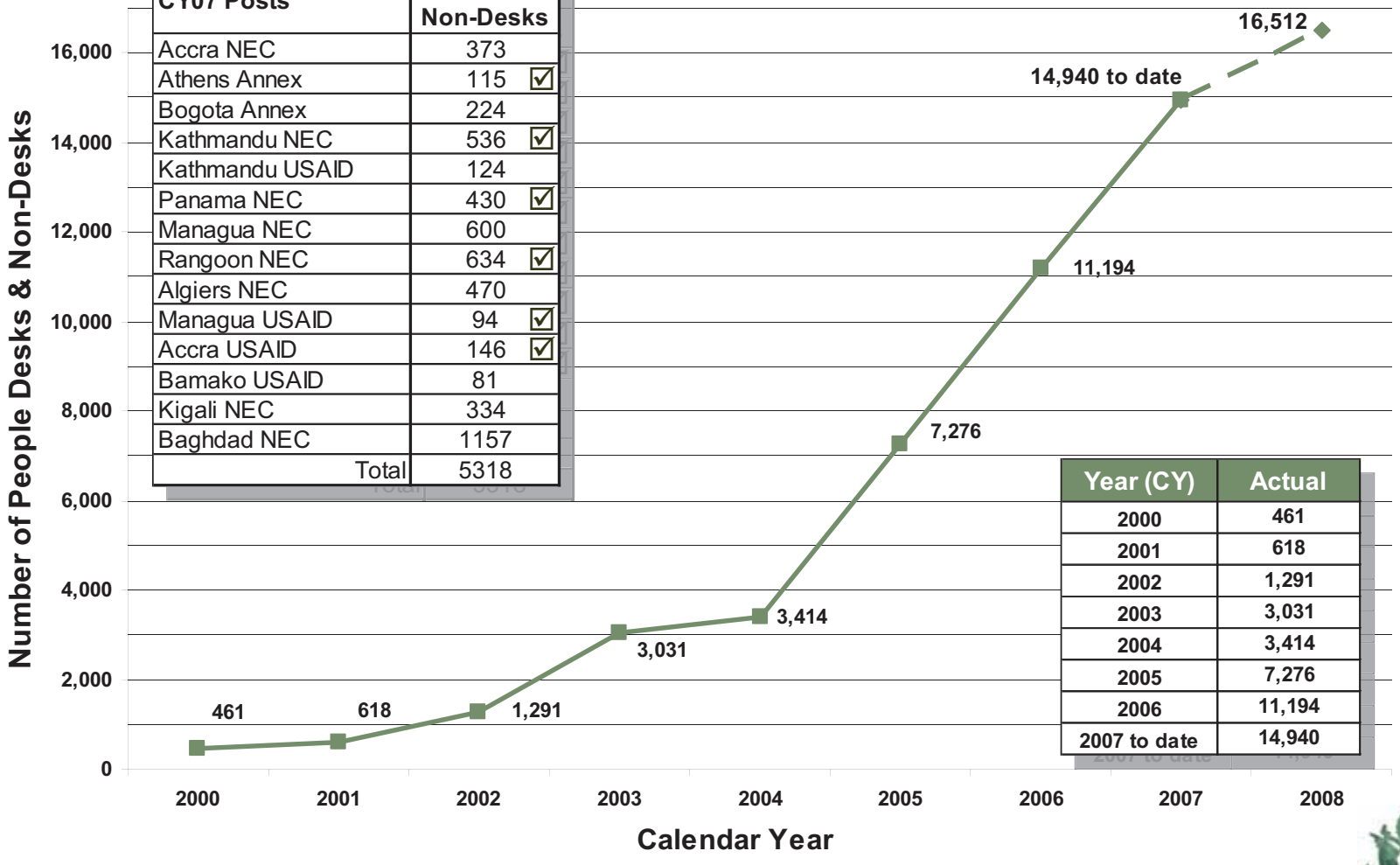
2001-2007 Results

1	Abidjan	77.1	28	Kabul Cafeteria	5.3
2	Abu Dhabi	73.7	29	Kampala	38.1
3	Abuja	69.5	30	Kampala USAID	27.8
4	Accra	90.3	31	Kathmandu	90.7
5	Accra USAID	22.6	32	Kathmandu USAID	21.0
6	Algiers	90.5	33	Kingston NEC	71.8
7	Astana	86.7	34	Lima AID	14.6
8	Athens annex	78.3	35	Lome	72.9
9	Bamako	71.9	36	Luanda	51.0
10	Baghdad IOB	61.5	37	Managua	79.9
11	Belmopan	63.8	38	Managua USAID	13.9
12	Bogota AID/NAS	3.8	39	Nairobi	53.5
13	Bogota annex	28.0	40	Nairobi USAID	34.1
14	Bridgetown	32.7	41	Panama City	100.6
15	Cape Town	52.8	42	Phnom Penh	77.1
16	Conakry	67.2	43	Phnom Penh USAID	14.0
17	Conakry USAID	17.3	44	Rangoon	86.0
18	Dar AID	14.9	45	Sao Paulo	84.8
19	Dar es Salaam	46.6	46	Sofia	73.3
20	Dili IOB	12.0	47	Tashkent	76.2
21	Doha	22.5	48	Tbilisi	72.8
22	Dushanbe	93.1	49	Tirana annex	24.4
23	Frankfurt	77.0	50	Tunis	70.1
24	Freetown	60.2	51	Yaounde	72.6
25	Istanbul	83.2	52	Yerevan	70.3
26	Kabul ARG/USAID	38.6	53	Zagreb	64.4
27	Kabul NEC	178.5			3,075.5

OVERSEAS BUILDINGS OPERATIONS

Number of People Moved to Safer Facilities 2000-Present

CY07 Posts	Desks + Non-Desks	
Accra NEC	373	
Athens Annex	115	☑
Bogota Annex	224	
Kathmandu NEC	536	☑
Kathmandu USAID	124	
Panama NEC	430	☑
Managua NEC	600	
Rangoon NEC	634	☑
Algiers NEC	470	
Managua USAID	94	☑
Accra USAID	146	☑
Bamako USAID	81	
Kigali NEC	334	
Baghdad NEC	1157	
Total	5318	



Year (CY)	Actual
2000	461
2001	618
2002	1,291
2003	3,031
2004	3,414
2005	7,276
2006	11,194
2007 to date	14,940

OVERSEAS BUILDINGS OPERATIONS

What Is on Our Plate Today

- 37 NEC /Annex projects under design/construction ($4B)
- 24 rehab projects underway ($332.2M)
- 197 Compound Security and FE/BR replacement projects ($190M) underway
- 12 NEC/Annex projects planned for award in FY 2008
- 76 NEC projects in Long-Range Overseas Buildings Plan ($6.5B)
- 17,681 properties at 265 locations to serve

OVERSEAS BUILDINGS OPERATIONS

New Facilities Awarded in 2007

- Addis Ababa NEC
- Antananarivo NEC
- Brazzaville NEC
- Jeddah NEC/Housing
- Karachi NEC
- Manila NOX
- Ouagadougou NEC
- Riga NEC
- Sarajevo NEC
- Tijuana NEC
- Valletta NEC

OVERSEAS BUILDINGS OPERATIONS

New Facilities Planned for Award in 2008

- Baku NEC
- Bandar Seri Begawan SSMC
- Belgrade NEC
- Dubai NEC
- Guayaquil NAB
- Juba NCC
- Lusaka NEC
- Monrovia NEC
- Shanghai NEC
- Tunis NOX/School
- Beijing NOX

OVERSEAS BUILDINGS OPERATIONS

First Fifty: Reflecting on Accomplishments

- Developed BMIS that helped the organization look at business processes for improvements and scrub the data to obtain more accurate data.
- Achieved high FISMA (Federal Information Security Management Act) quarterly scores of 97.1-98.7 %up from less than 90% over a year ago.
- Secured appropriated budgets for these 50 projects totaling $2.95 billion.
- Earned "Effective" PART scores on two programs directly tied to these 50 projects
- These 50 new projects were constructed on 41 sites that total 677 acres. Of the 41 sites, 12 were previously owned. Two others were build-to lease/short-term leased projects. For the remaining projects, OBO has acquired 27 new sites since 1998 totaling 482 acres at a cost of $120M.

OVERSEAS BUILDINGS OPERATIONS

First Fifty: Reflecting on Accomplishments

- OBO was able to dispose of 11 properties valued at $3 1 million as a result of building these new 50 projects.
- A representative sampling of 13 projects had 545 original works of art installed from 218 artists. Of these, 75% were American artists.
- Total man-hours worked = 106,256,575 (77 accidents)
- Lost time accident rate =0.14
- Total design reviews = 186
- Total number of contractors =21
- Total concrete placed (cubic meters) =461,838
- However, the most significant result by far was that these 50 new buildings allowed over 14,000 Department staff to move from harm's way into secure and functional facilities.

OVERSEAS BUILDINGS OPERATIONS

Standard Site Master Plan

- Chancery Office Building
- Annex Office Building
- Warehouse/Shops
- Marine Security Guard Quarters
- Staff and Visitor Parking
- Recreation Center
- Site Development and Landscaping
- Compound Access Controls
- Perimeter Security Package

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2001

Doha, Qatar NAB

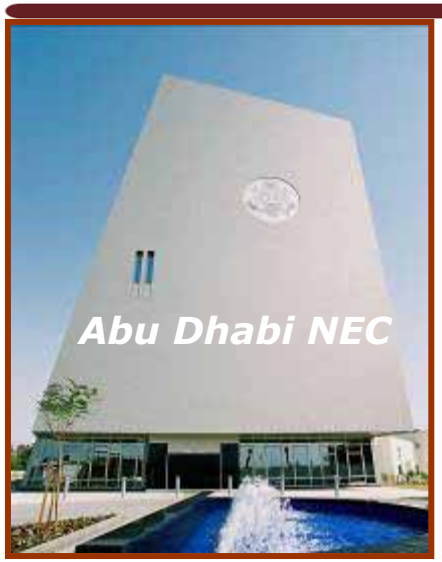
Kampala, Uganda NEC

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2002

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2003



OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2004

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2005

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2005

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2006

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2006

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2006

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2006

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2007

Athens, Greece NOX

OVERSEAS BUILDINGS OPERATIONS

Completed Projects- 2007

Accra, Ghana NEC

OVERSEAS BUILDINGS OPERATIONS

Completed Projects- 2007

Bogotá Colombia Annex

OVERSEAS BUILDINGS OPERATIONS

Completed Projects- 2007

Kathmandu, Nepal NEC

OVERSEAS BUILDINGS OPERATIONS

Completed Projects- 2007

Kathmandu, Nepal NOX

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2007

Managua, Nicaragua NEC

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2007

Managua, Nicaragua USAID

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2007

Panama City, Panama NEC

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2007

Rangoon, Burma NEC

50th Completed Facility

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2007

Algiers, Algeria NEC

OVERSEAS BUILDINGS OPERATIONS

Completed Projects - 2007

Accra, Ghana USAID

OVERSEAS BUILDINGS OPERATIONS

Capital Construction Projects

Under Design/Construction

(in millions)

1	Abuja Annex	32.0
2	Addis Ababa	144.9
3	Antananarivo	119.7
4	Baghdad NEC	612.0
5	Beijing	434.0
6	Berlin	143.0
7	Brazzaville	74.3
8	Ciudad Juarez	96.1
9	Djibouti	97.0
10	Guangzhou	150.4
11	Jeddah	178.7
12	Jerusalem	22.5
13	Johannesburg	96.4
14	Karachi	160.0
15	Khartoum	106.7
16	Khartoum Annex	20.0
17	Kigali	106.0
18	Kolonia	5.0
19	Koror	5.0
20	Libreville	86.9
21	Manila	148.8
22	Mumbai	122.9
23	Ouagadougou	98.7
24	Port-au-Prince	108.5
25	Quito	98.9
26	Riga	123.0
27	Sarajevo	127.5
28	Skopje	80.6
29	Skopje Annex	14.0
30	Surabaya	61.9
31	Suva	63.7
32	Taipei (design)	9.4
33	Tbilisi annex	20.6
34	Tijuana	104.1
35	Valletta	126.4
36	USAID Bamako	19.2
37	USAID Kingston	15.3
		4,034.1

OVERSEAS BUILDINGS OPERATIONS

Kigali, Rwanda NEC

93% Complete

OVERSEAS BUILDINGS OPERATIONS

Port-au-Prince, Haiti NEC

83% Complete

OVERSEAS BUILDINGS OPERATIONS

Berlin, Germany NEC

83% Complete

OVERSEAS BUILDINGS OPERATIONS

Quito, Ecuador NEC

70% Complete

OVERSEAS BUILDINGS OPERATIONS

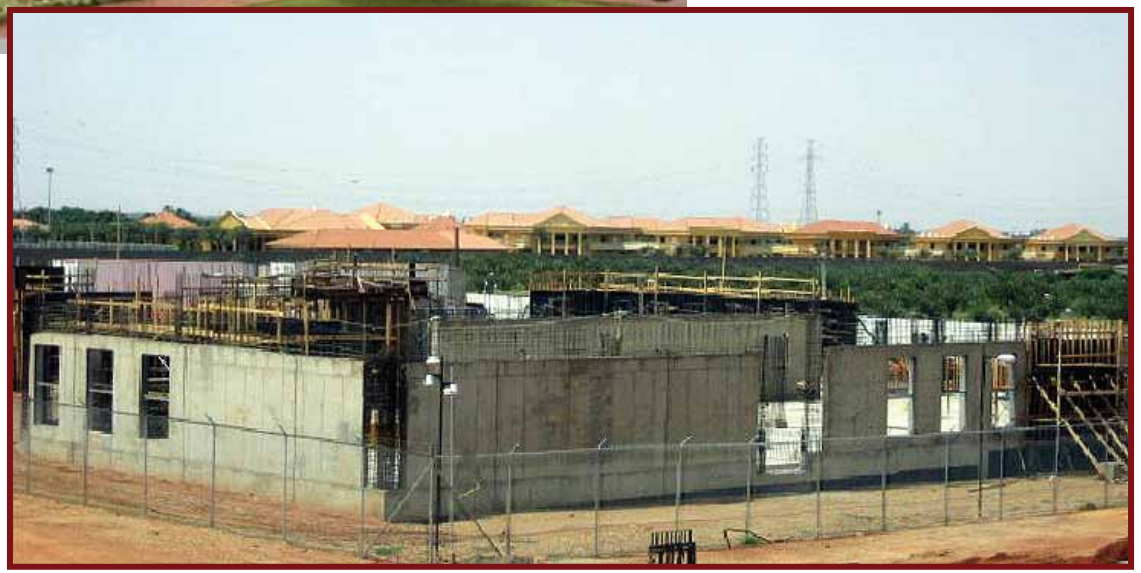
Ciudad Juarez, Mexico NCC

63% Complete

OVERSEAS BUILDINGS OPERATIONS

Khartoum, Sudan NEC

40% Complete



OVERSEAS BUILDINGS OPERATIONS

Skopje, Macedonia NEC

31% Complete

OVERSEAS BUILDINGS OPERATIONS

Mumbai, India NCC

27% Complete

OVERSEAS BUILDINGS OPERATIONS

Surabaya, Indonesia NCC

4% Complete

OVERSEAS BUILDINGS OPERATIONS

Libreville, Gabon NEC

3% Complete

OVERSEAS BUILDINGS OPERATIONS

Beijing, PRC NEC

77% Complete

OVERSEAS BUILDINGS OPERATIONS

Tough Road Ahead

- Karachi
- Addis Ababa
- Khartoum
- Tripoli
- Harare

Capital Security Cost Sharing Program Update

Thank You for a Wonderful Year

- FY 2007
  - All CSCS invoices have been paid by all agencies
- FY 2008
  - Invoices went out on August 7th, 2007
  - Payment is due on April 1st, 2008
- FY 2009
  - Automated invoices have been mailed out to all agencies for the FY09 budget
- FY 2010
  - Kick-off Meeting will be scheduled for Mid-January
  - All agencies will be notified well in advance

Contact Information

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U.S. Department of State
Overseas Buildings Operations (OBO)

Interagency Facilities Council

November 13, 2007

Energy & Sustainable Design Program

Energy & Sustainable Design Program "Green Team"

Program Functions

1. Policy & Standards 9%
- Policy & Procedures
- OMB Scorecards & MOU Implementation Plan
- Inter-Department Integration

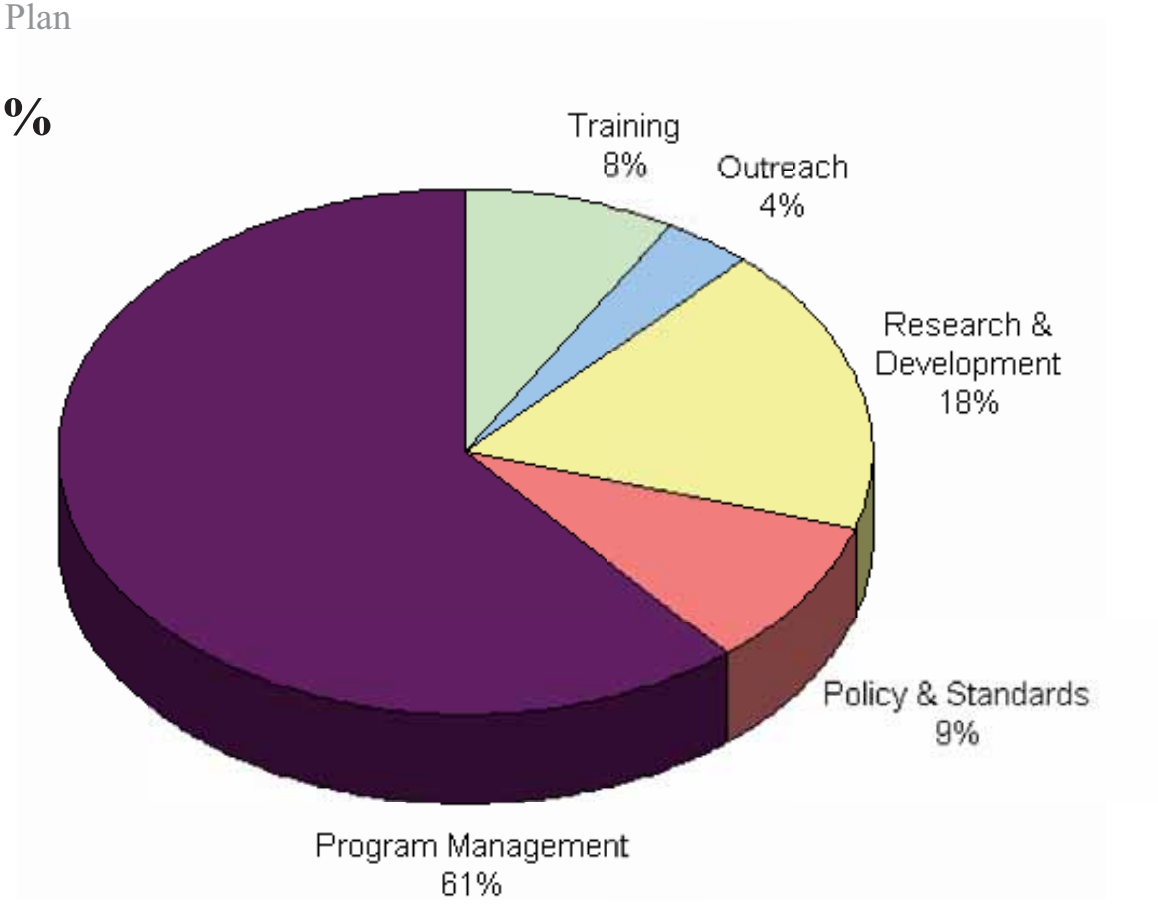
2. Research & Development 18%
- Green Team – Leadership & Management
- Data Collection
- Project Review & Audit
- SED RFP Review & Updates

3. Program Management 61%
- Budget Allocation
- Develop & Track Annual Budget
- Project Execution
- Contract Award & Management

4. Training 8%
- LEED & Other Continuing Education
- Conferences

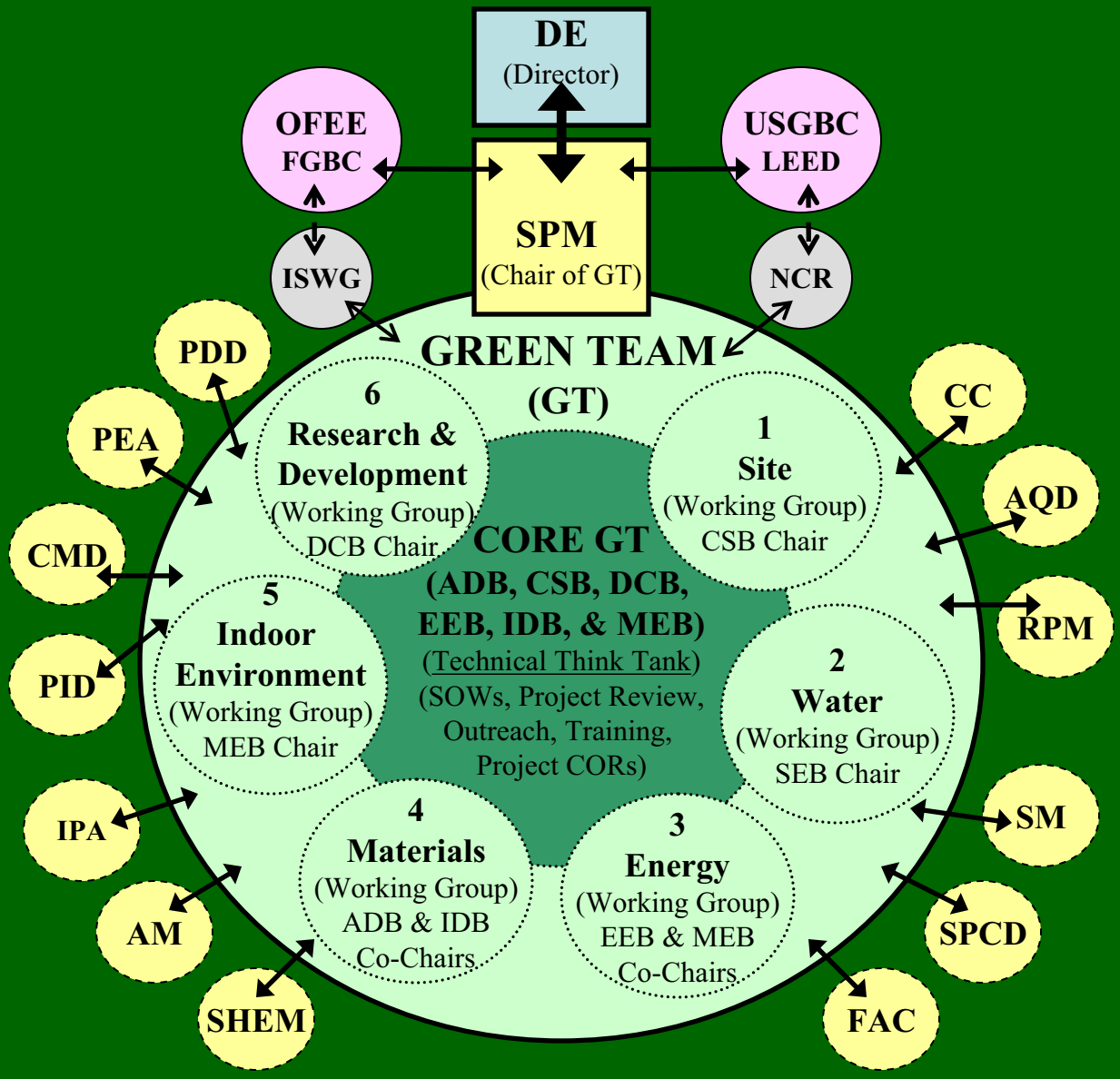
5. Outreach 4%
- OFEE, FGBC, USGBC, NCR
- OBO Earth Day
- Industry Day – Sustainability Award

ESDP Program Functions



Energy & Sustainable Design Program

(Organizational Chart)



DE – Design & Engineering Division

SPM – Sustainability Program Manager

OFEE – Office of the Federal Environmental Executive
FGBC – Federal Green Building Council

USGBC – U.S. Green Building Council
LEED – Leadership in Energy & Environmental Design, Green Building Rating System

GT CORE & WORKING GROUP CHAIRS

ADB – DE's Architectural Design Branch
CSB – DE's Civil Structural Branch
DCB – DE's Design Coordination Branch
EEB – DE's Electrical Engineering Branch
IDB – DE's Interiors Design Branch
MEB – DE's Mechanical Engineering Branch
SEB – DE's Security Engineering Branch

AT-LARGE GREEN TEAM CHAMPIONS

PDD – Project Development Division
PEA – Planning Evaluation & Analysis
CMD – Cost Management Division
PID – Planning Integration Division
IPA – Interiors Planning & Analysis
AM – Area Management Division
SHEM – Safety, Health, & Environmental Management Division
FAC – Facility Management Division
SPCD – Special Projects Coordination Division
SM – Security Management Division
RPM – Real Property Management Division
AQD – Acquisitions & Disposals Division
CC – Construction & Commissioning Division

OBO's Demonstration of Commitment by signing the MOU

FEDERAL LEADERSHIP IN HIGH PERFORMANCE and SUSTAINABLE BUILDINGS MEMORANDUM OF UNDERSTANDING

PURPOSE: With this Memorandum of Understanding (MOU), signatory agencies commit to federal leadership in the design, construction, and operation of High-Performance and Sustainable Buildings. A major element of this strategy is the implementation of common strategies for planning, acquiring, siting, designing, building, operating, and maintaining High Performance and Sustainable Buildings. The signatory agencies will also coordinate with complementary efforts in the private and public sectors.

Henrietta H. Fore
Under Secretary of State for Management
Department of State

3.6.06
Date

General Charles E. Williams
Director/COO
Overseas Buildings Operations
Department of State

5/6/06
Date

New Executive Order (EO) - 13423:

signed by President Bush *on* Jan. 24, 2007:

POINT 1: Improve Energy Efficiency & Reduce Greenhouse Gas Emissions:

- *Reduce energy use 3% annually through FY15, OR*
- *30% by end of FY15 - Use FY03 as baseline*

POINT 2: Reduce Water Consumption:

- *Reduce water consumption 2% annually through FY15, OR*
- *16% by end of FY15 - Use FY07 as baseline*

POINT 3: Increase Renewable Energy:

- *Ensure 50% of energy consumed in a fiscal year comes from renewable sources*
- *Implement renewable energy projects to the extent feasible*

POINT 4: Comply with MOU:

- *Incorporate sustainable practices of Guiding Principles into existing Federal capital asset building inventory*
- *15% by end of FY15*

Major Goals of EO and MOU Requirements

- **Integrated Design Process** – goals & commissioning

1. Site

- **Irrigation water –** reduce by **50%** over conventional
- **Reduce stormwater runoff**

2. Water

- **Reduce water** use – by **20%** for new & **16%** for exist.
- **Meter/Track Energy & Water** for each building

3. Energy

- Compare actual use per year w/ design target
- Enter performance in **FEMP Database**
- **New Construction – 30%** Better than ASHRAE 90.1-2004
- **Major Renovation – 20%** better than 2003 baseline
- Comply with **EPACT 2005 Section 103**
- Benchmark using **Energy Star** after 1-yr occupancy

4. Materials

- **EPA** for **recycled content & USDA** for **bio-based**
- Reduce **construction waste** by **50%**

5. Indoor

- Implement **IAQ Management Plan** – moisture control, daylighting, thermal comfort, and 72-flush-out

Benchmarking Sustainability
SED meets LEED

LEED offers a **69** point **MENU** of sustainable measures to choose from, focused on the 5 categories of site, energy, water, materials & resources, and indoor environmental quality. Additionally, points are achieved for innovation & design.

Four Levels of Award

LEED Certified	**26** - 32
Silver Level	33 - 38
Gold Level	39 - 51
Platinum Level	52 - 69 points

LEED Scorecard for Standard Embassy Design (SED)

Recommended	Alternate	Optional	N/A	Sustainable Sites	Possible Points 14	
Y				Prereq 1	Construction Activity Pollution Prevention	
		1		Credit 1	Site Selection	1
			1	Credit 2	Developmental Density & Community Connectivity	1
			1	Credit 3	Brownfield Redevelopment	1
		1		Credit 4.1	Alternative Transportation: Public Transportation Access	1
1				Credit 4.2	Alternative Transportation: Bicycle Storage & Changing Rooms	1
			1	Credit 4.3	Alternative Transportation: Low Emitting & Fuel Efficient Vehicles	1
1				Credit 4.4	Alternative Transportation: Parking Capacity	1
			1	Credit 5.1	Site Development: Protect or Restore Habitat	1
1				Credit 5.2	Site Development: Maximize Open Space	1
	1			Credit 6.1	Stormwater Design: Quantity Control	1
		1		Credit 6.2	Stormwater Design: Quality Control	1
1				Credit 7.1	Heat Island Effect: Non-Roof	1
1				Credit 7.2	Heat Island Effect: Roof	1
1				Credit 8	Light Pollution Reduction	1

3		2		Water Efficiency	Possible Points 4	
1				Credit 1.1	Water Efficient Landscaping: Reduce by 50%	1
		1		Credit 1.2	Water Efficient Landscaping: No Potable Water Use or No Irrigation	1
		1		Credit 2	Innovative Wastewater Technologies	1
1				Credit 3.1	Water Use Reduction: 20% Reduction	1
1				Credit 3.2	Water Use Reduction: 30% Reduction	1

4	1	5	7	Energy & Atmosphere	Possible Points 17	
Y				Prereq 1	Fundamental Commissioning of the Building Energy Systems	
Y				Prereq 2	Minimum Energy Performance - CFR434/ASHRAE 90.1-1999	
Y				Prereq 3	Fundamental Refrigerant Management	
2				Credit 1.1	Optimize Energy Performance: 20% New / 10% Existing	2
		2		Credit 1.2	Optimize Energy Performance: 30% New / 20% Existing	2
		2		Credit 1.3	Optimize Energy Performance: 40% New / 30% Existing	2
			2	Credit 1.4	Optimize Energy Performance: 50% New / 40% Existing	2
			2	Credit 1.5	Optimize Energy Performance: 60% New / 50% Existing	2
		1		Credit 2.1	On-Site Renewable Energy: 5%	1
			1	Credit 2.2	On-Site Renewable Energy: 10%	1
			1	Credit 2.3	On-Site Renewable Energy: 20%	1
1				Credit 3	Enhanced Commissioning	1
1				Credit 4	Enhanced Refrigerant Management	1
	1			Credit 5	Measurement & Verification	1
			1	Credit 6	Green Power	1

Recommended	Alternate	Optional	N/A	Materials & Resources	Possible Points 13	
Y				Prereq 1	Storage & Collection of Recyclables	
			1	Credit 1.1	Building Reuse: Maintain 75% of Existing Walls, Floors, & Roof	1
			1	Credit 1.2	Building Reuse: Maintain 95% of Existing Walls, Floors, & Roof	1
			1	Credit 1.3	Building Reuse: Maintain 50% Shell & 50% Interior Non-Structural Element	1
1				Credit 2.1	Construction Waste Management: Divert 50% From Disposal	1
		1		Credit 2.2	Construction Waste Management: Divert 75% From Disposal	1
			1	Credit 3.1	Materials Reuse: 5%	1
			1	Credit 3.2	Materials Reuse: 10%	1
1				Credit 4.1	Recycled Content: 10% (post-consumer + 1/2 pre-consumer)	1
		1		Credit 4.2	Recycled Content: 20% (post-consumer + 1/2 pre-consumer)	1
1				Credit 5.1	Regional Materials: 10% Extracted, Processed, & Manufactured Regionally	1
		1		Credit 5.2	Regional Materials: 20% Extracted, Processed, & Manufactured Regionally	1
		1		Credit 6	Rapidly Renewable Materials	1
		1		Credit 7	Certified Wood	1

6	2	6	1	Indoor Environmental Quality	Possible Points 15	
Y				Prereq 1	Minimum IAQ Performance	
Y				Prereq 2	Environmental Tobacco Smoke (ETS) Control	
1				Credit 1	Outdoor Air Delivery Monitoring	1
1				Credit 2	Increased Ventilation	1
	1			Credit 3.1	Construction IAQ Management Plan: During Construction	1
		1		Credit 3.2	Construction IAQ Management Plan: Before Occupancy	1
		1		Credit 4.1	Low-Emitting Materials: Adhesives & Sealants	1
1				Credit 4.2	Low-Emitting Materials: Paints & Coatings	1
1				Credit 4.3	Low-Emitting Materials: Carpet Systems	1
		1		Credit 4.4	Low-Emitting Materials: Composite Wood & Agrifiber Products	1
	1			Credit 5	Indoor Chemical & Pollutant Source Control	1
			1	Credit 6.1	Controllability of Systems: Lighting	1
		1		Credit 6.2	Controllability of Systems: Thermal Comfort	1
1				Credit 7.1	Thermal Comfort: Design	1
1				Credit 7.2	Thermal Comfort: Verification	1
		1		Credit 8.1	Daylight & Views: Daylight 75% of Spaces	1
		1		Credit 8.2	Daylight & Views: Views for 90% of Spaces	1

4	1			Innovation & Design Process	Possible Points 5	
1				Credit 1.1	Innovation in Design: Increased Life Safety -- Security	1
1				Credit 1.2	Innovation in Design: Acoustics	1
1				Credit 1.3	Innovation in Design: Enhanced IAQ	1
	1			Credit 1.4	Innovation in Design: Project Specific	1
1				Credit 2	LEED™ Accredited Professional	1

26	5	21	17	Total Project Score	Total Points 69

LEED Scorecard for Standard Embassy Design (SED)

LEED Scorecard

Recommended	Alternate	Optional	N/A			
6	1	3	4	**Sustainable Sites**	**Possible Points**	**14**
Y				Prereq 1	**Construction Activity Pollution Prevention**	
		1		Credit 1	**Site Selection**	1
			1	Credit 2	**Developmental Density & Community Connectivity**	1
			1	Credit 3	**Brownfield Redevelopment**	1
		1		Credit 4.1	**Alternative Transportation:** Public Transportation Access	1
1				Credit 4.2	**Alternative Transportation:** Bicycle Storage & Changing Rooms	1
			1	Credit 4.3	**Alternative Transportation:** Low Emitting & Fuel Efficient Vehicles	1
1				Credit 4.4	**Alternative Transportation:** Parking Capacity	1
			1	Credit 5.1	**Site Development:** Protect or Restore Habitat	1
1				Credit 5.2	**Site Development:** Maximize Open Space	1
	1			Credit 6.1	**Stormwater Design:** Quantity Control	1
		1		Credit 6.2	**Stormwater Design:** Quality Control	1
1				Credit 7.1	**Heat Island Effect:** Non-Roof	1
1				Credit 7.2	**Heat Island Effect:** Roof	1
1				Credit 8	**Light Pollution Reduction**	1

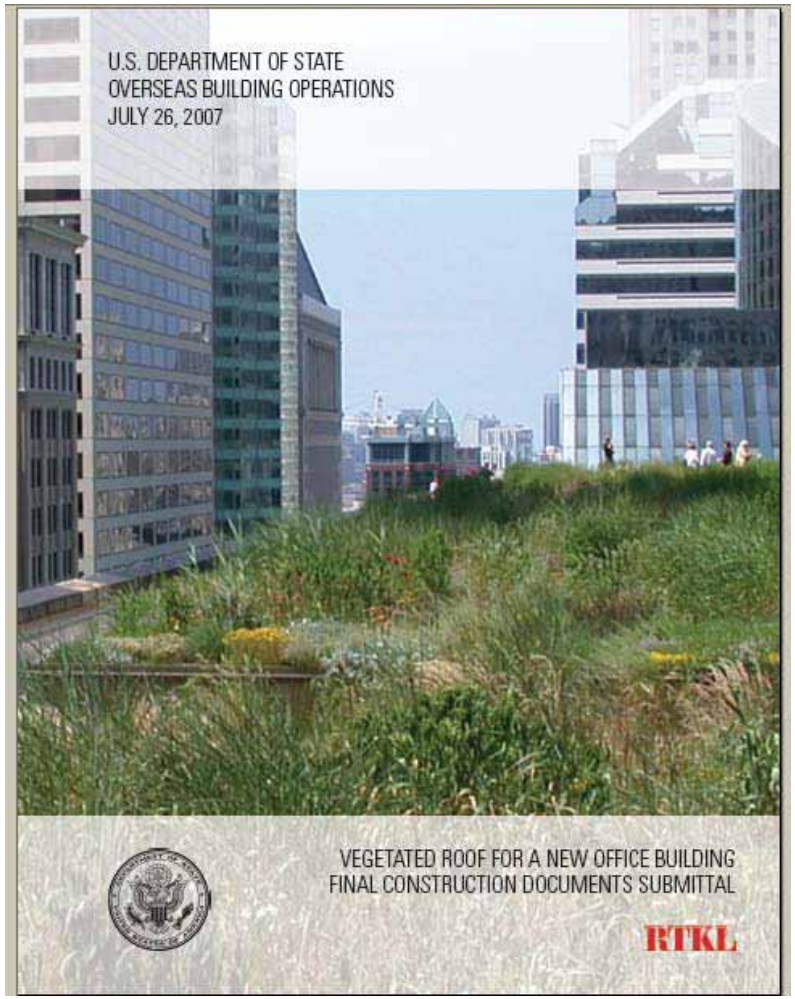
OBO's First LEED Certification
NEC for Sofia, Bulgaria

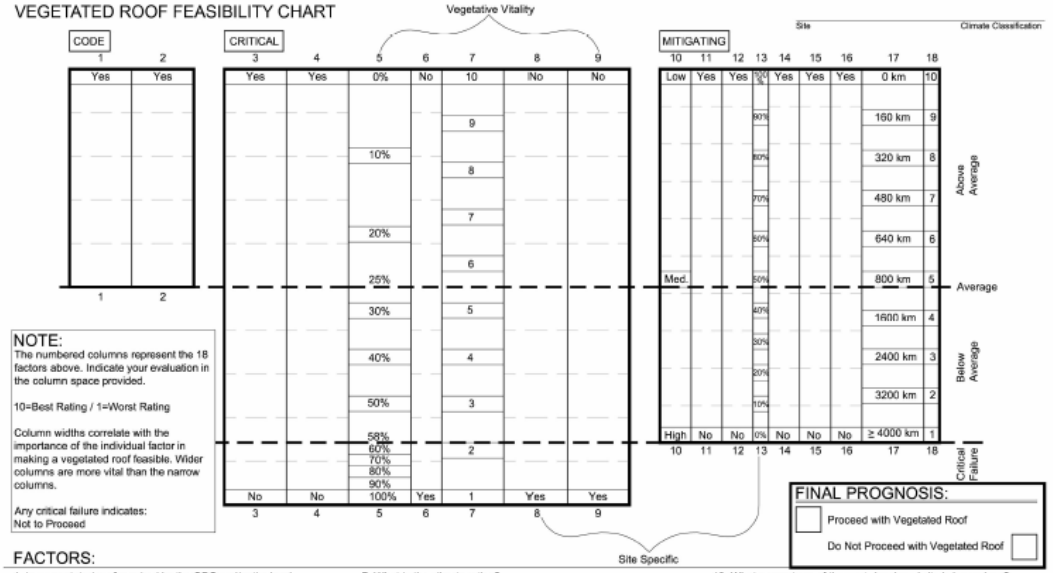
26 Points Earned:

- Building as Educational Tool
- Brownfield Redevelopment
- Alternative Transportation
- 35% Better than ASHRAE
- Ozone Protection
- Enhanced Indoor Air Quality
- Tree Preservation

Sustainable & Environmental Design
Vegetated Roof Study

Vegetated Roofs: Evaluate feasibility for OBO & develop construction docs.





FACTORS:

1. Is a vegetated roof required by the OBO and/or the local municipality?
2. Is stormwater retention required on site by the OBO and/or the local municipality to mitigate stormwater runoff?
3. Can the structure support loads of 17g/square cm (100 mm media depth)?
4. Does the building need a new roof membrane?
5. What is the roof slope?
6. Over the lifetime of the vegetated roof, is an irrigation system required to sustain vegetative life? (This refers to a permanent irrigation system, not the two year establishment watering system.)
7. What is the climate rating?
8. Despite the climate rating, does the site's microclimate render uninhabitable conditions, such as levels of low moisture, intense heat, or high winds?
9. Is the vegetated roof area exposed to man-made conditions that would make the vegetative environment uninhabitable?
10. What are the wind conditions on the roof?
11. Are stormwater management techniques, alternative to vegetated roofs, constrained on site?
12. Does the locale's current storm water management system lack adequate capacity, or is it non-existent?
13. What percentage of the post-developed site is impervious?
14. Is the site located in an urban heat island?
15. Is the site located in a region with a warm season? (Cfc, Csc, Cwc, BSk, Dsc, and Dsd are the only climates that can accommodate a vegetated roof that do not have an adequate warm season.)
16. Is the structural deck made from concrete?
17. Is vegetated roof technology currently established in the region? (Are materials and labor easily attainable for installation and maintenance?)
18. How important are the diplomatic implications of installing a vegetated roof?

Energy & Sustainable Design Program
Vegetated Roofs

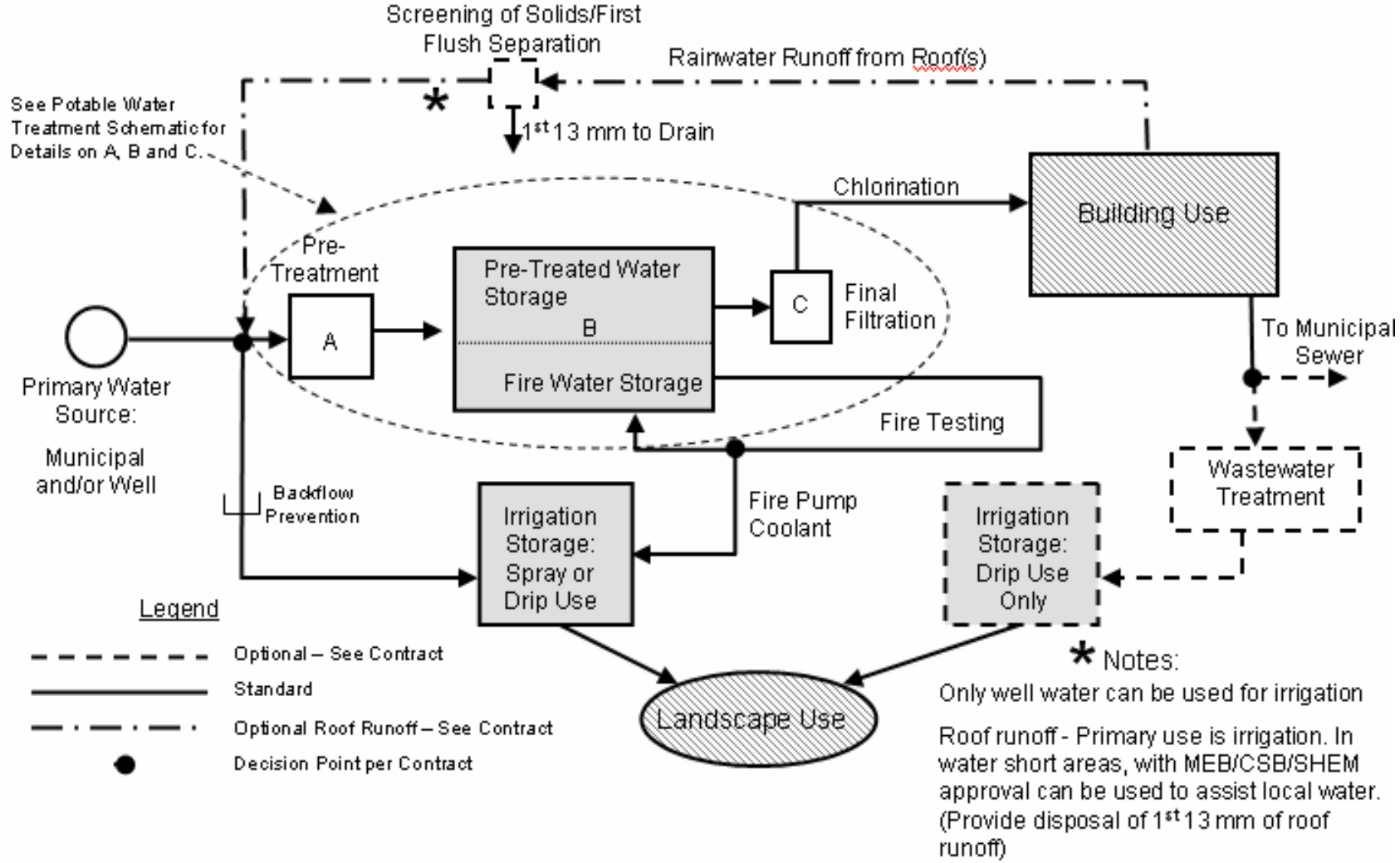
Vegetated Roofs: EO Point 4 = ~$.5M First Cost w/ $?? Savings

- **Economic benefits:** reduced runoff, energy savings, and reduced life cycle maintenance costs
  - Energy savings of ~$0.90/sm
  - 25% energy reduction by slowing building's heat gain or loss
  - 5-10% reduction in site stormwater runoff, reducing sediment and nitrogen content in local waterways and reducing stormwater infrastructure
  - 10 to 50% reduction in roof runoff
  - 40-year roof life *(instead of 10-15-year)* by protecting waterproofing membrane
  - Minimize roof maintenance
- **System:** very similar to ballast roof
  - Soil depth = 2-8 inches & Dead load = 13-30 lb/sf
  - No irrigation required for moss, sedums, herbs, and grasses. Restrict access to routine maint.

28,000sf Extensive Green Roof
Athens, Greece

Sustainable & Environmental Design
Water Resources Study

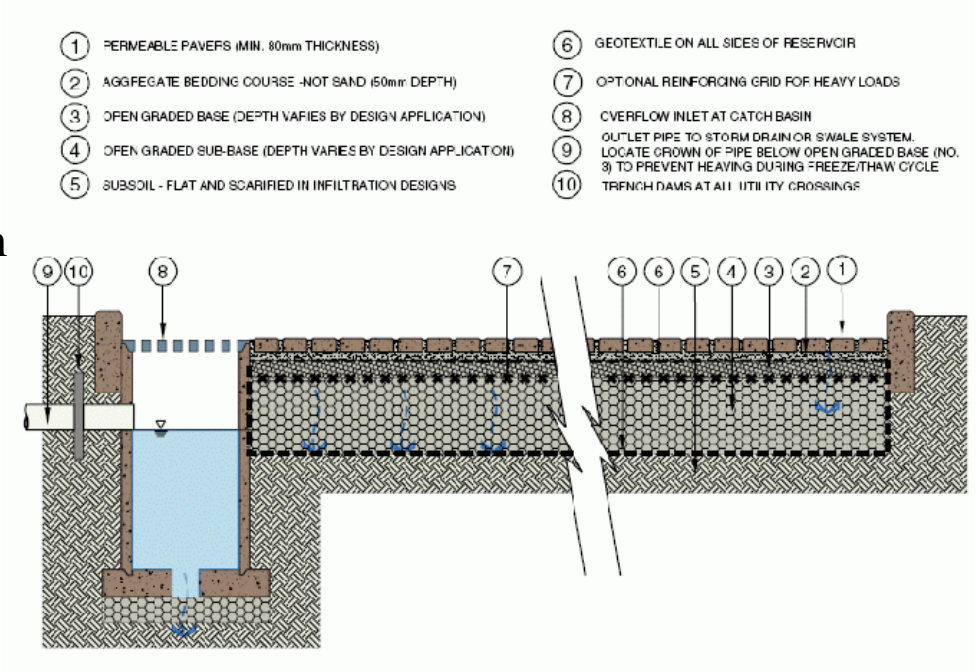
Water Systems & Resources: Evaluate OBO standard water requirements:



Energy & Sustainable Design Program
Pervious Paving

Pervious Paving: EO Point 4 = ~$.1M First Cost w/ No Savings

- **Economic benefits:** reduced stormwater runoff
  - Reduced stormwater infrastructure cost
  - Reduced stormwater maintenance cost
- **System:** porous under coarse
  - Pavement-3/4” (asphalt) to 4” thick (pavers)
  - Filter Course-2” thick made of half-inch crushed stone
  - Reservoir Course - thickness based on runoff storage required and frost penetration, made with 1 ½” to 3” diameter stone
  - Filter fabric
  - Existing soil managed to have minimal compaction to retain soil porosity



Pervious Paving Detail

Energy & Sustainable Design Program
Limit Runoff

Limit Runoff: EO Point 4 = ~$1M First Cost w/ No Savings

- **Economic benefits:** reduced stormwater runoff
  - No financial benefit
- **System:** requires swales, pervious paving, infiltration pits, or other technologies
  - Specific strategies and technologies are up to the designer to meet the performance requirement of no increase in runoff quantity from pre- to post-development conditions.
- **Other benefits:**
  - Reduced impact on local estuaries
  - Recharge of ground water

Stormwater Management
Istanbul, Turkey

Energy & Sustainable Design Program
Treated Effluent for Irrigation

Treated Effluent for Irrigation: EO Points 2 & 4 = No First Cost w/ $1.2M Savings

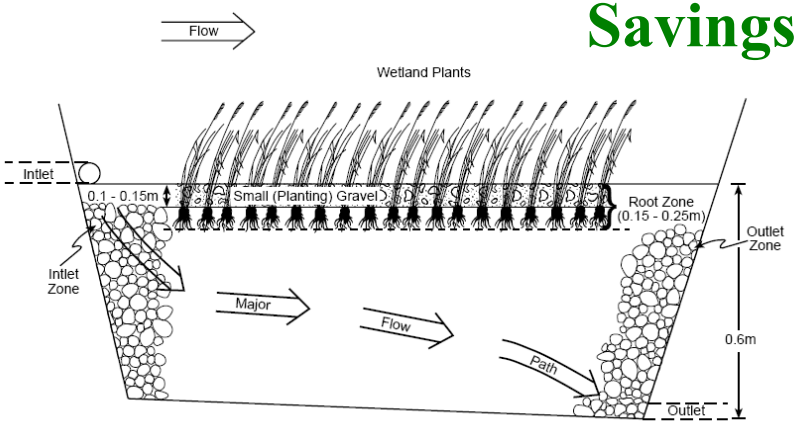
- **Economic benefits:** reuse of treated wastewater otherwise discharged offsite
  - First-Cost is negligible
  - Significantly reduced water use for irrigation
  - Payback = 1 year, depending on water costs
  - Reduced operating cost due to on-site irrigation source
  - No additional maintenance
- **System:** pump & piping to irrigation storage
  - No change required in level of treatment
  - Reduces use of groundwater or municipal water for irrigation
  - Eliminates need for connection to municipal sewer

Treated Effluent for Irrigation
Mumbai, India

Energy & Sustainable Design Program
Constructed Wetland

Constructed Wetland: EO Points 1, 2 & 4 = -$.06 First Cost w/$.05M Savings

- **Economic benefits:** engineered natural facility for treating wastewater.
  - Reduced energy use—payback depends on electricity costs
  - 50% reduction in first-cost of package plant
  - Reduced maintenance—periodic, rather than continuous, on-site labor
- **System:** Microorganisms & plants breakdown pollutants while sustaining plant life.
  - Reduces treatment infrastructure and blends with landscape
  - A low cost, low energy option that requires minimal operational attention
  - Subsurface flow constructed wetlands offer odor and vector control



Constructed Wetland
Nairobi, Kenya

Energy & Sustainable Design Program
Rainwater Harvesting

Rainwater Harvesting: EO Points 2 & 4 = ~$.2M First Cost w/ $.5M Savings

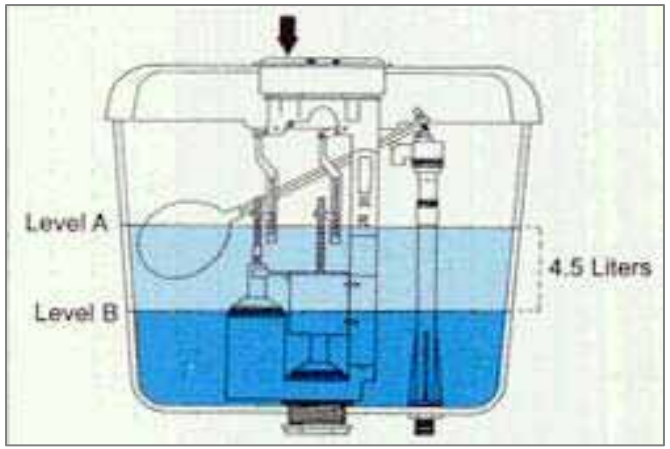
- **Economic benefits:** reduced stormwater runoff & supplement water supply
  - Reduced cost of municipal water or
  - Reduced deep well pumping
- **System:** pump & extra piping
  - First-flush filtration from roof drains
  - Pipe rainwater to raw-water storage
  - Increase capacity of storage

Standard Underground Water Storage Tank

Energy & Sustainable Design Program
Dual Flush Toilets

Dual Flush: EO Points 2 & 4 = ~$.002M First Cost w/ $.03M Savings

- **Economic benefits:** reduced water use and wastewater generation;
  - Increased first-cost of ~$100/fixture
  - 3.6L/day (1gal/day) per female - reduced water consumption
  - Estimated payback within 3 years
  - 10% reduction in building water use *(excluding equipment or irrigation usage)*
  - 10% reduction in wastewater generated
  - Reduced wastewater
  - Reduced sewerage fees
- **System:** same as conventional with two water quantity options for flush

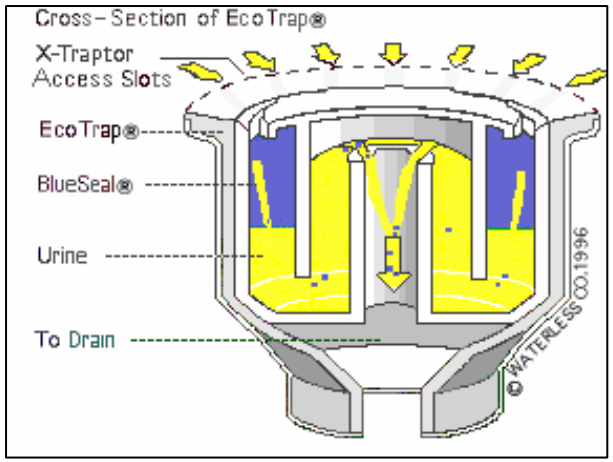


Dual-Flush Tank & Dual-Flush Valve

Energy & Sustainable Design Program
Waterless Urinals

Waterless Urinals: EO Points 2 & 4 = ~$.26M First Cost w/ $.75M Savings

- Economic benefits, water savings and reduced life cycle maintenance costs;
  - Payback for Retrofits = 1-3 years depending on water/sewer costs
  - 50% of flush urinals operating cost by water savings alone
  - Reduced maintenance - no overflow, no flushometer, no flange exchanges, and minimizes sewer line encrustations
- System, no water use
  - No flushometer
  - Minimizes sewer lines
  - Reduced maintenance
  - Sanitary - touch-free
  - Odorless – no standing urine

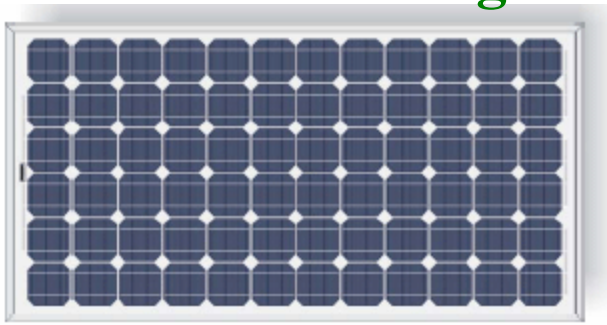


53 Waterless Urinals for Embassy London, England

Energy & Sustainable Design Program
Photovoltaics

Photovoltaics: EO Points 3 & 4 = ~$4.4M First Cost w/ $178M Savings

- **Economic benefits:** Passive power production with no fuel cost
  - 4–year payback for new construction depending on utility/fuel costs
  - Supplement prime power source – reducing generators in prime plant
  - Reduces electrical source use during peak load
  - LOW Maintenance – Passive system only requires periodic cleaning
  - Modular and able to be phased
- **System:** PV Panels, Inverters, & Mounting
  - Installation on large open roof areas
- **Other benefits:**
  - Increased security through independence/control of power source

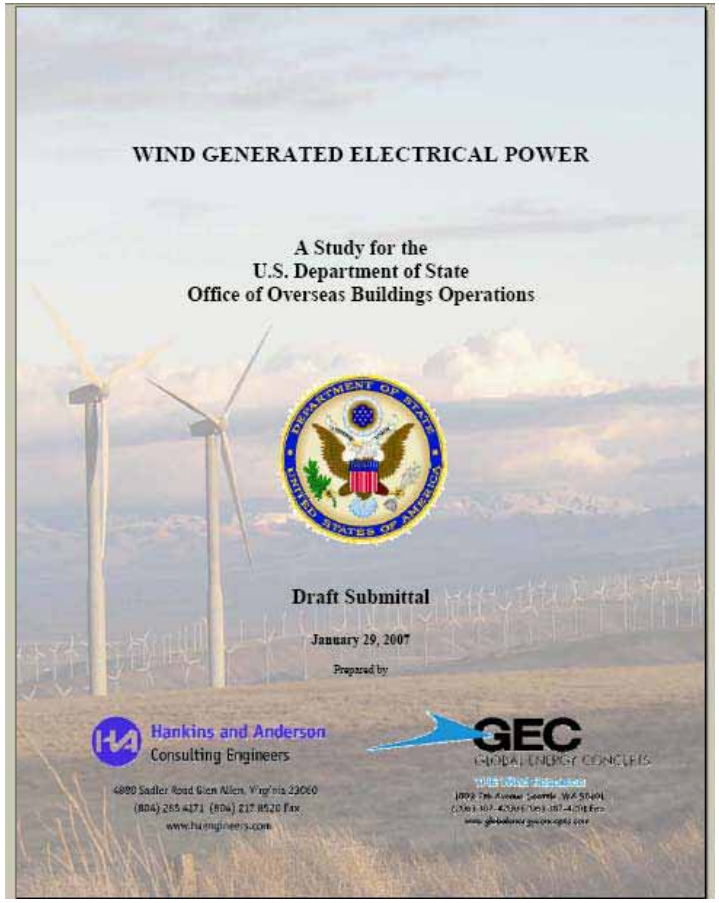


Typical PV Panel

OBO's Photovoltaic Installation Geneva, Switzerland

Sustainable & Environmental Design
Wind Power Study

Wind Power: Evaluate wind generated electrical power as renewable resource for OBO facilities:

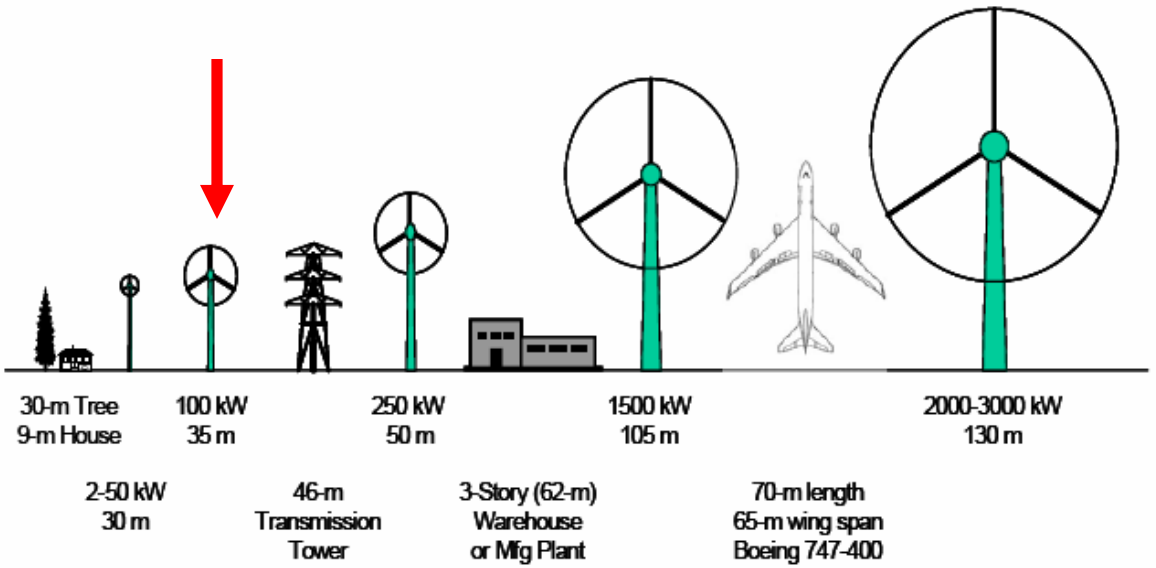


Countries with High Resolution Wind Maps	
Armenia	Haiti
Bangladesh	Honduras
Belize	Indonesia
Brazil	Laos
Cambodia	Mexico Baja
Canada	Mexico Yucatan
Chile	Mexico Oaxaca
China East	Mongolia
Cuba	Nicaragua
Czech Republic	Philippines
Denmark	Sri Lanka
Dominican Republic	Thailand
El Salvador	United States
Ghana	Vietnam
Guatemala	

Energy & Sustainable Design Program
Wind Power

Wind Power: EO Points 3 & 4 = ~$1M First Cost w/ $6M Savings

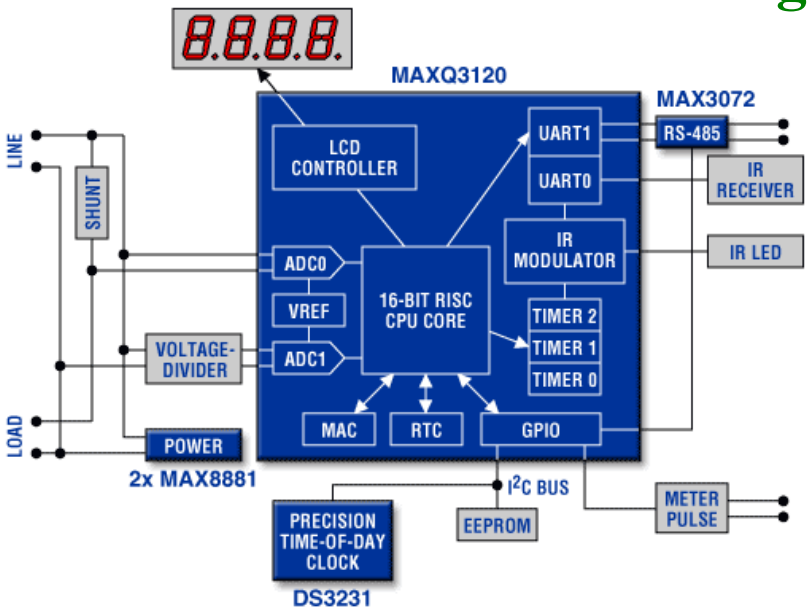
- **Economic benefits:** Passive power production with no fuel cost
  - 5–year payback depending on utility/fuel costs and actual wind speeds
  - Supplement prime power source – reducing generators in prime plant
  - Reduces electrical source use load
  - LOW Maintenance – Passive requires periodic cleaning
- **System:** wind turbine
  - Installation on large open area near Utility Bldg
- **Other benefits:**
  - Increased security through independence/control of power source



Energy & Sustainable Design Program
Systems Metering

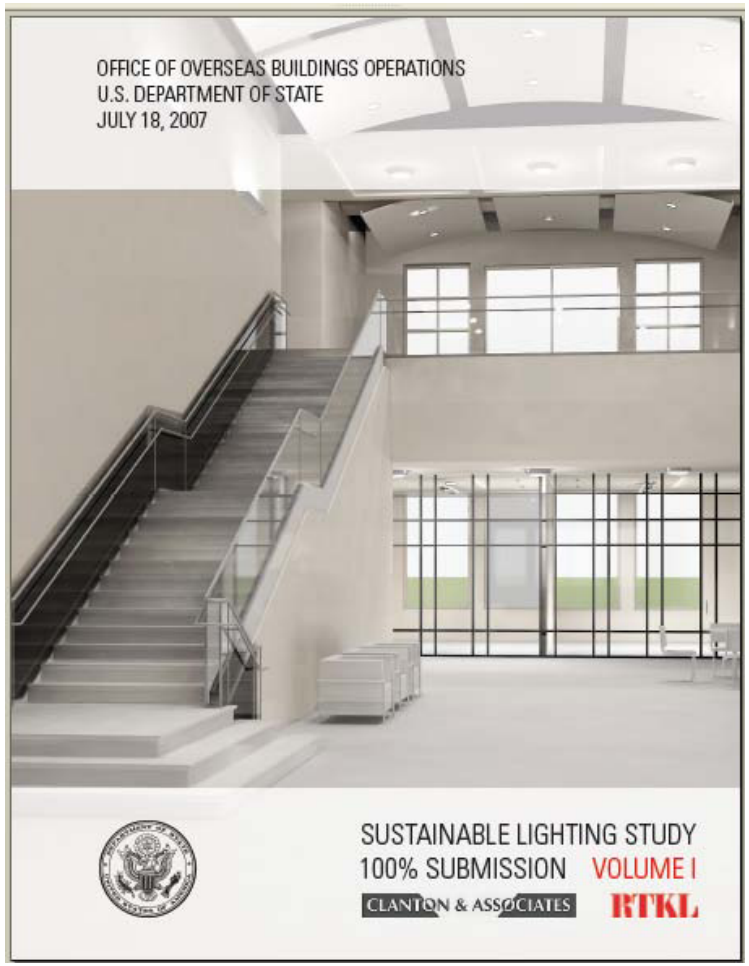
Systems Metering: EO Points 1, 2 & 4 = ~$.05M First Cost w/ $.1M Savings

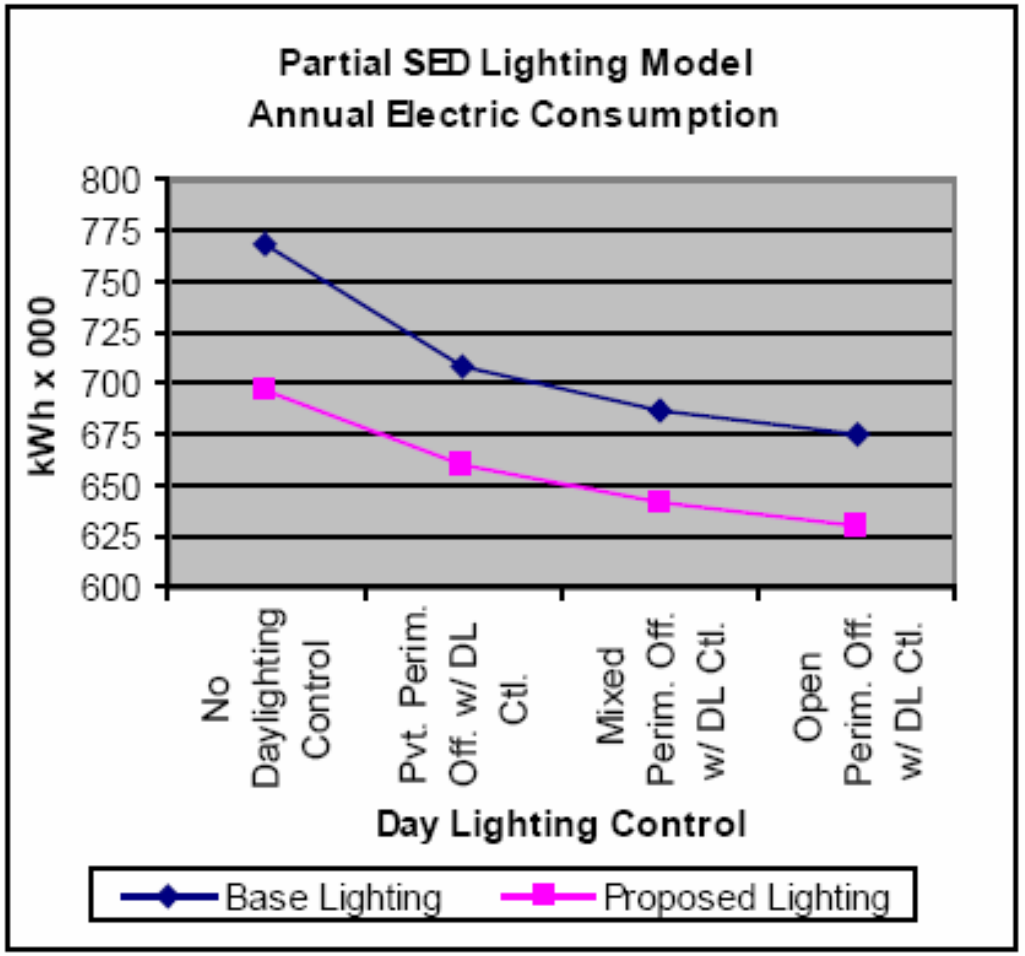
- **Economic benefits:** increased system optimization
  - Increased control, monitoring, & reporting
  - Decreased usage during operation
- **System:** additional meters at equipment, building area/suites, and systems
  - Base Power Monitoring System and Building Automation System are already in the SED
  - Additional software requirements for reporting



Sustainable & Environmental Design
Interior Lighting Study

Interior Lighting: Evaluate OBO requirements for interior lighting systems:





Energy & Sustainable Design Program
LED (Solid State) Lighting

LED Lighting: EO Points 1 & 4 = ~$.3M First Cost w/ $44M Savings

- **Economic benefits:** Low operation cost, Long-life
  - 35% savings of electricity from the HID
  - 2000-3500% increased operating hours
  - Better light quality
- **System:** Fixture and Lamps
  - Lamps connect to standard fixtures
  - No special equipment or skills required
  - Lower O&M costs and reduced re-lamping
  - Color rendering optimizes CCTV images
- **Options:**
  - Used in conjunction with solar panels for zero electricity usage

Interior LED Fixtures

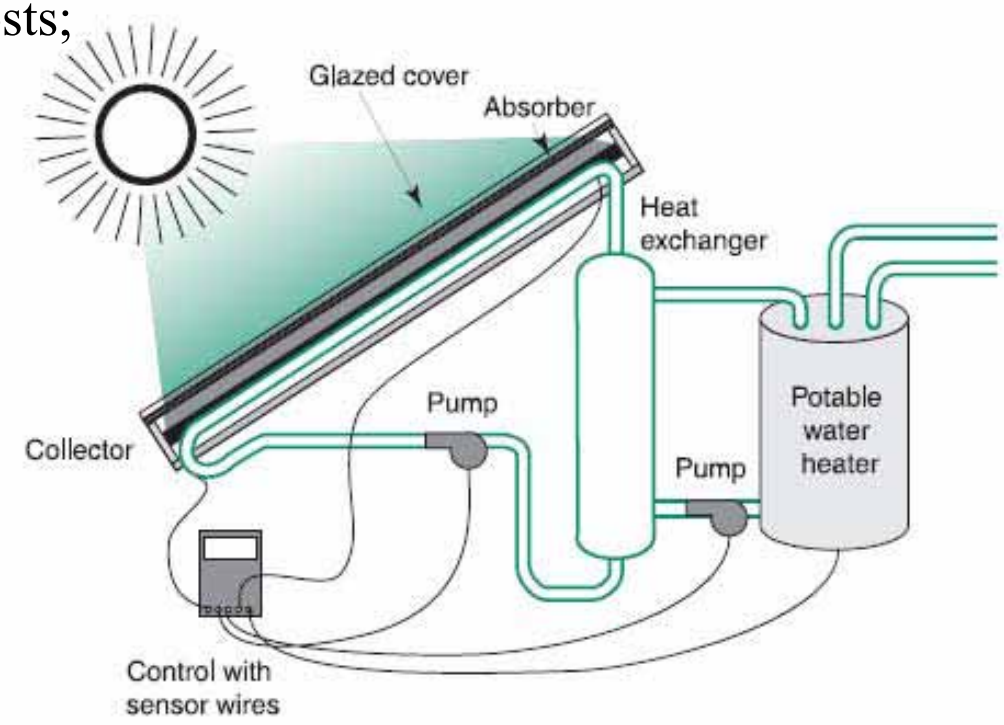
LED Street Light Fixtures

Energy & Sustainable Design Program
Solar Hot Water

Solar Hot Water: EO Points 1, 2 & 4 = ~$M First Cost w/ $M Savings

- **Economic benefits**: energy and water savings and reduced life cycle maintenance costs;
  - Payback = 6-8 years depending on water/energy costs

- **System**:
  - Recirculating water



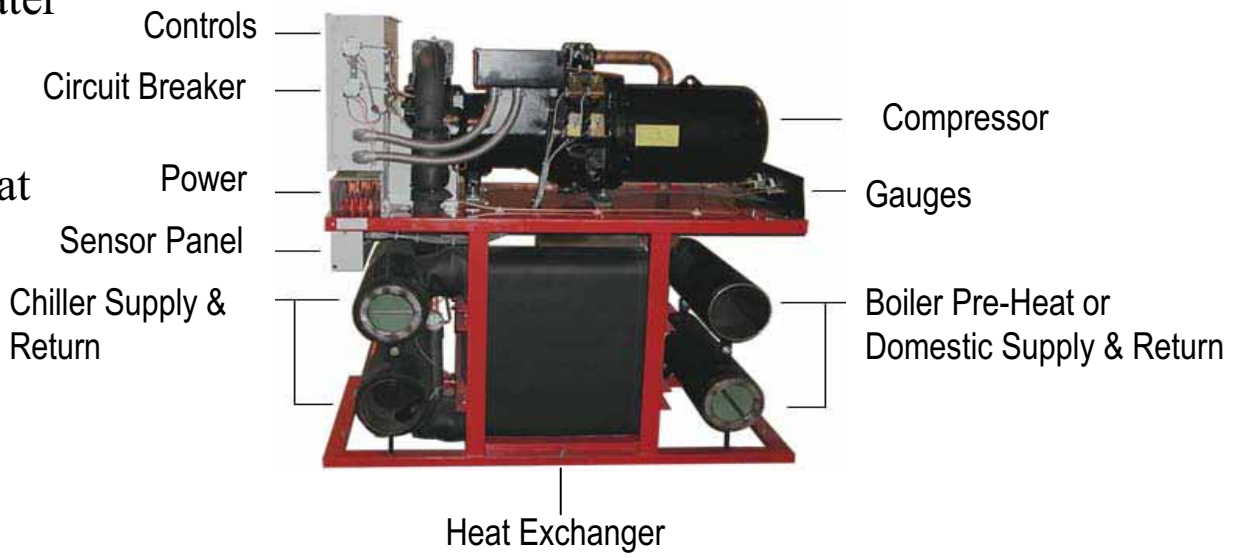
Basic components of a flat plate collector system

Solar Hot Water for Residences
Standard Embassy Designs

Energy & Sustainable Design Program
Heat Recovery Chillers

Heat Recovery Chiller: EO Point 1 & 4 = ~$.1M First $ w/ $5.5M Savings

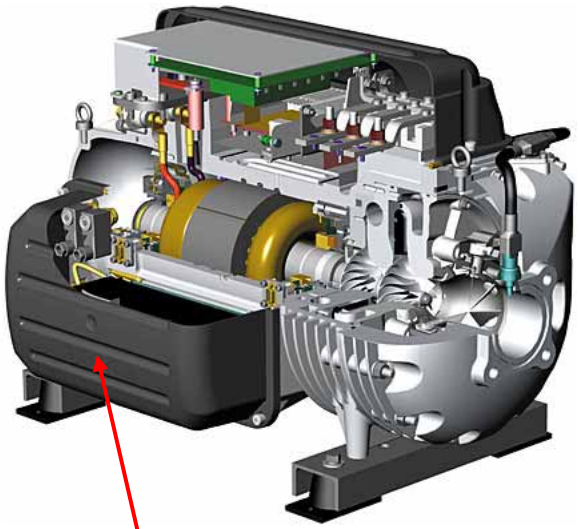
- **Economic benefits:** reduced operating cost
  - Minimizes boiler operation
  - Eliminates need for water heaters for personal hygiene
  - Efficient source of hot water for VAV reheat
- **System:**
  - Chiller uses recovered heat from building loads for boiler preheat and/or domestic water



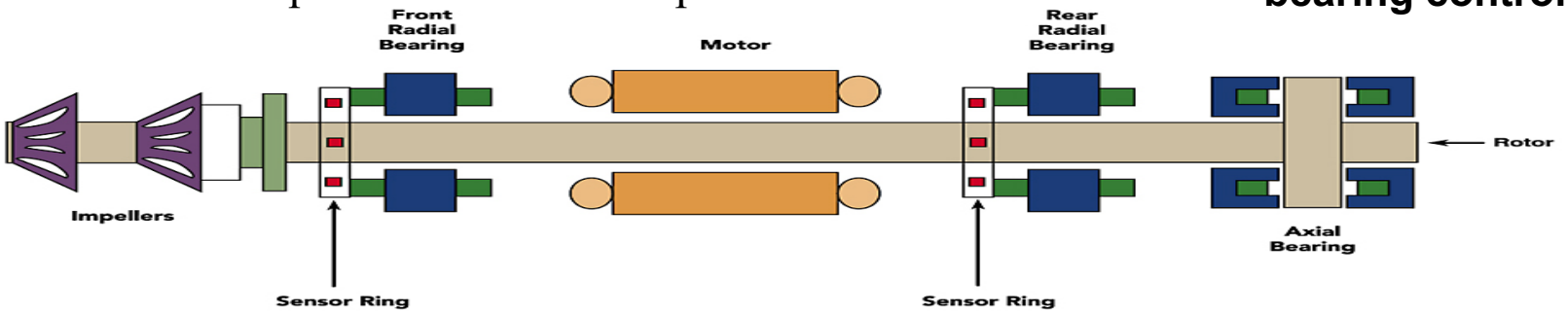
Energy & Sustainable Design Program
Mag-Lev Chillers

Magnetic Levitation Chillers: EO Points 1 & 4 = ~$.5M First Cost w/ $19M Savings

- **Economic benefits:** reduces energy use
  - 40% to 50% reduced power consumption for central plant air conditioning over reciprocating compressor and 30% over screw compressor technology.
  - Oil-free = reduced maintenance, increased efficiency
  - Variable speed drive allows for generators with reduced footprint, capacity and fuel consumption
  - 4 Amp starting current nearly eliminates demand charges
- **System:**
  - Frictionless bearings yields sustainable design
  - VFD adjusts automatically to match load
  - Sensors keep shaft centered and positioned at all times



Motor and bearing control



Energy & Sustainable Design Program
Other Initiatives

Current ESDP Research & Development Initiatives

- **Data Collection Survey:**
  - Provides data on existing building operation, maintenance, and monitoring functions
  - Will provide baseline for future monitoring and sustainability initiatives
  - Recently distributed to all Posts for benchmarking existing building parameters

- **Green Guide:**
  - Intended to provide guidance for sustainable operation and maintenance of existing buildings and grounds
    - Includes procurement and transportation guidance
  - Intended to work with data collection survey, to improve reported existing practices and conditions
  - Currently in development as an initiative in conjunciton with OES

Energy & Sustainable Design Program
Other Initiatives

Proposed Future ESDP Initiatives

- **LEED for Existing Buildings:**
  - Inclusion of LEED criteria for all existing buildings, with the development of renovation and improvement projects to meet those goals

- **Sustainability Audit:**
  - Assessment of whether our LEED criteria for NEC projects has been implemented
  - Will ultimately be rolled out to all Posts

- **Additional Carbon Offset Projects:**
  - To begin to offset the carbon associated with OBO travel
  - Additional benefit of shading, erosion control, privacy, and aesthetics

- **LEED Certification:**
  - For FY07 projects and beyond
  - LEED Silver required for FY09 projects

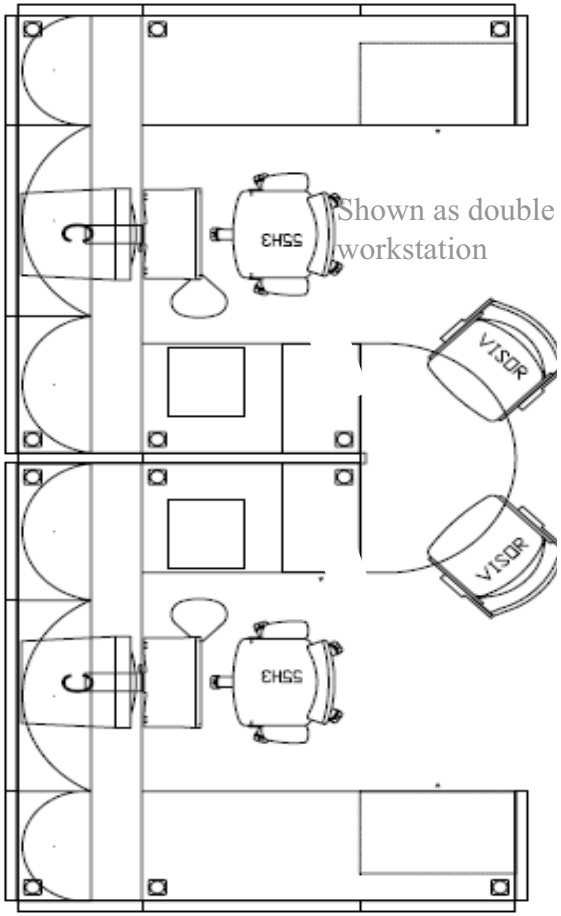
U.S. Department of State

Overseas Buildings Operations (OBO)

Energy & Sustainable Design Program

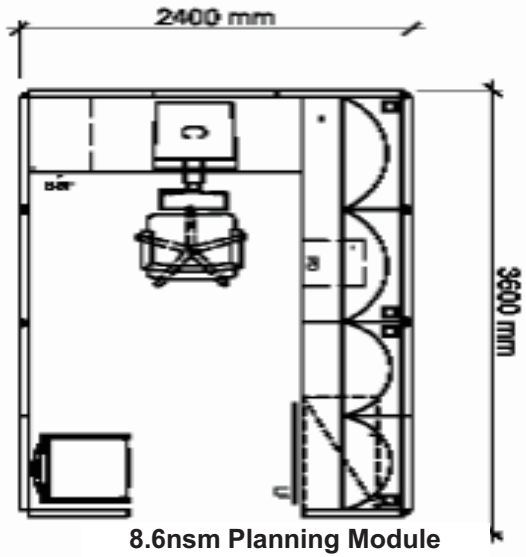
What will my office look like?

Typical Staff Workstation - Standard



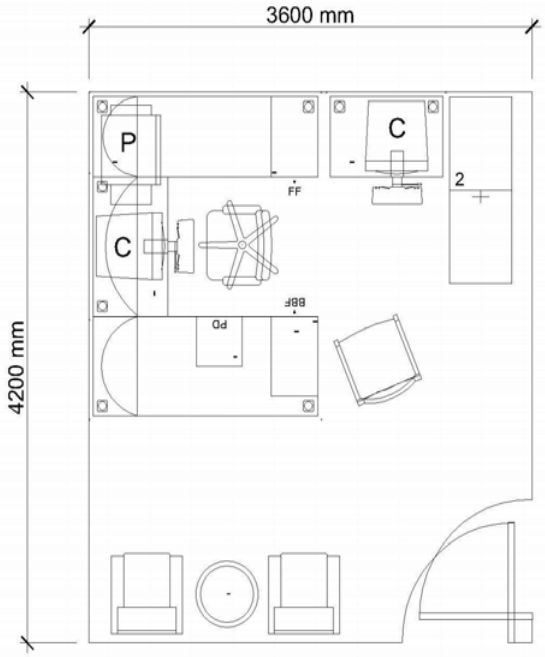
6.5 nsm Planning Module (Revised)
Open workstation

Typical Staff Workstation - Large



8.6nsm Planning Module
Open workstation

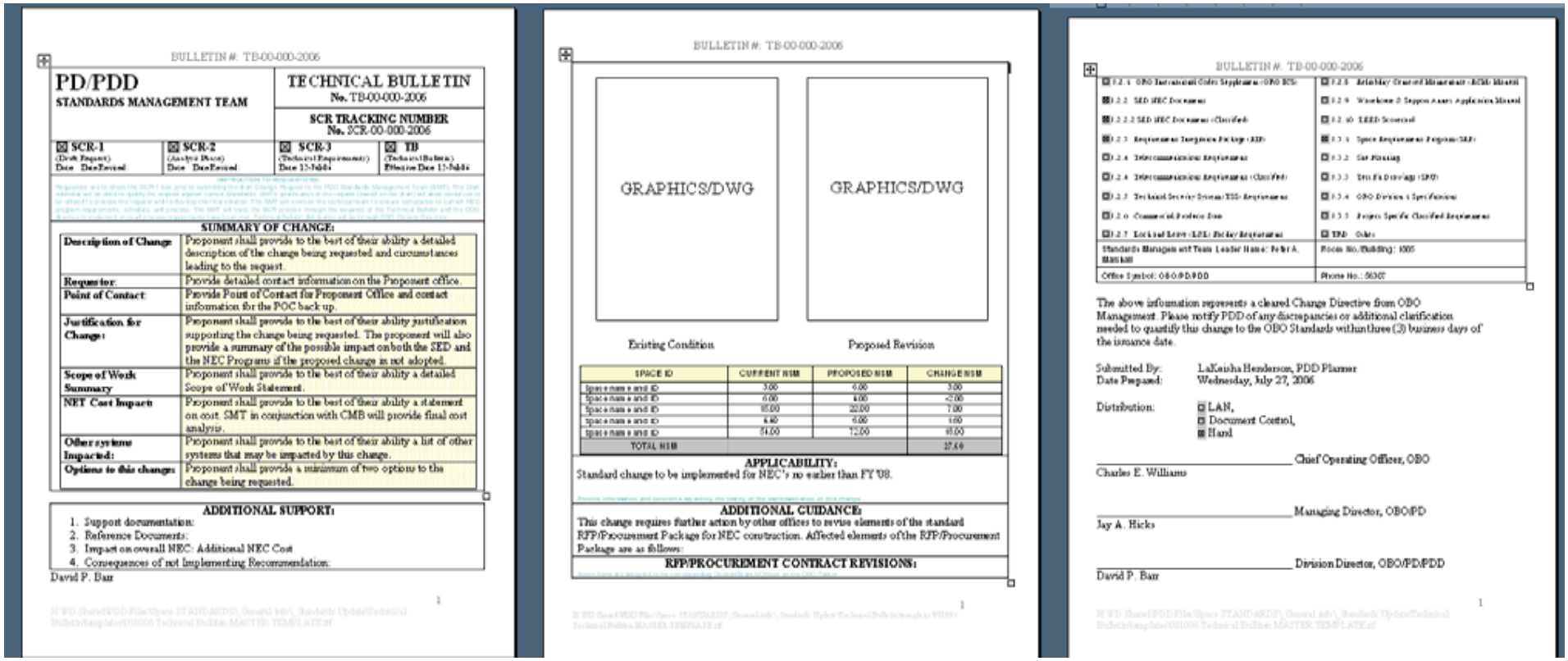
Chief of Section/Agency Office



15.1 nsm Planning Module
Closed Office

OBO

Standard Change Request (SCR)



BULLETIN #: TB-00-000-2006

PD/PDD
STANDARDS MANAGEMENT TEAM

TECHNICAL BULLETIN
No. TB-00-000-2006

SCR TRACKING NUMBER
No. SCR-00-000-2006

☒ SCR-1	☒ SCR-2	☒ SCR-3	☒ TB
(Draft Request) Date Date Revised	(Analysis Phase) Date Date Revised	(Technical Requirement) Date 12-Feb-04	(Technical Bulletin) Effective Date 12-Feb-04

SUMMARY OF CHANGE:

Description of Change	Proponent shall provide to the best of their ability a detailed description of the change being requested and circumstances leading to the request.
Requestor:	Provide detailed contact information on the Proponent office.
Point of Contact:	Provide Point of Contact for Proponent Office and contact information for the POC back up.
Justification for Change:	Proponent shall provide to the best of their ability justification supporting the change being requested. The proponent will also provide a summary of the possible impact on both the SED and the NEC Programs if the proposed change is not adopted.
Scope of Work Summary	Proponent shall provide to the best of their ability a detailed Scope of Work Statement.
NET Cost Impact:	Proponent shall provide to the best of their ability a statement on cost. SMT in conjunction with CMB will provide final cost analysis.
Other systems Impacted:	Proponent shall provide to the best of their ability a list of other systems that may be impacted by this change.
Options to this change:	Proponent shall provide a minimum of two options to the change being requested.

ADDITIONAL SUPPORT:

1. Support documentation:
2. Reference Documents:
3. Impact on overall NEC: Additional NEC Cost
4. Consequences of not Implementing Recommendation:

David P. Barr

1

BULLETIN #: TB-00-000-2006

GRAPHICS/DWG

Existing Condition

GRAPHICS/DWG

Proposed Revision

SPACE ID	CURRENT NSM	PROPOSED NSM	CHANGE NSM
Space name and ID	3.00	6.00	3.00
Space name and ID	6.00	4.00	-2.00
Space name and ID	15.00	22.00	7.00
Space name and ID	8.40	9.80	1.60
Space name and ID	24.00	72.00	48.00
TOTAL NSM			27.60

APPLICABILITY:
Standard change to be implemented for NEC's no earlier than FY 08.

ADDITIONAL GUIDANCE:
This change requires further action by other offices to revise elements of the standard RFP/Procurement Package for NEC construction. Affected elements of the RFP/Procurement Package are as follows:

RFP/PROCUREMENT CONTRACT REVISIONS:

1

BULLETIN #: TB-00-000-2006

☐ 1.2.1 OBO International Codes Supplement (OBO IBC)	☐ 1.2.8 Architect/Engineer Management (AEM) Manual
☐ 1.2.2 SED (NEC Documents)	☐ 1.2.9 Workforce & Support Assets Application Manual
☐ 1.2.2.2 SED (NEC Documents (Classified)	☐ 1.2.10 LEED Scorecard
☐ 1.2.3 Requirements Integration Package (RIP)	☐ 1.3.1 Space Requirements Program (SRP)
☐ 1.2.4 Telecommunications Requirements	☐ 1.3.2 Site Planning
☐ 1.2.4 Telecommunications Requirements (Classified)	☐ 1.3.3 Site Development (SPD)
☐ 1.2.5 Technical Security Systems (TSS) Requirements	☐ 1.3.4 OBO Division 1 Specifications
☐ 1.2.6 Commercial Products Data	☐ 1.3.5 Project Specific Classified Requirements
☐ 1.2.7 Leadership in Energy & Environmental Design (LEED) Rating Requirements	☐ TBD Other
Standards Management and Team Leader Name: Peter A. Marshall	Room No./Building: 1005
Office Symbol: OBO/PD/PDD	Phone No.: 86307

The above information represents a cleared Change Directive from OBO Management. Please notify PDD of any discrepancies or additional clarification needed to quantify this change to the OBO Standards within three (3) business days of the issuance date.

Submitted By: LaKeisha Henderson, PDD Planner
Date Prepared: Wednesday, July 27, 2006

Distribution:
☒ LAN,
☐ Document Control,
☒ Hard

_____ Chief Operating Officer, OBO
Charles E. Williams

_____ Managing Director, OBO/PD
Jay A. Hicks

_____ Division Director, OBO/PD/PDD
David P. Barr

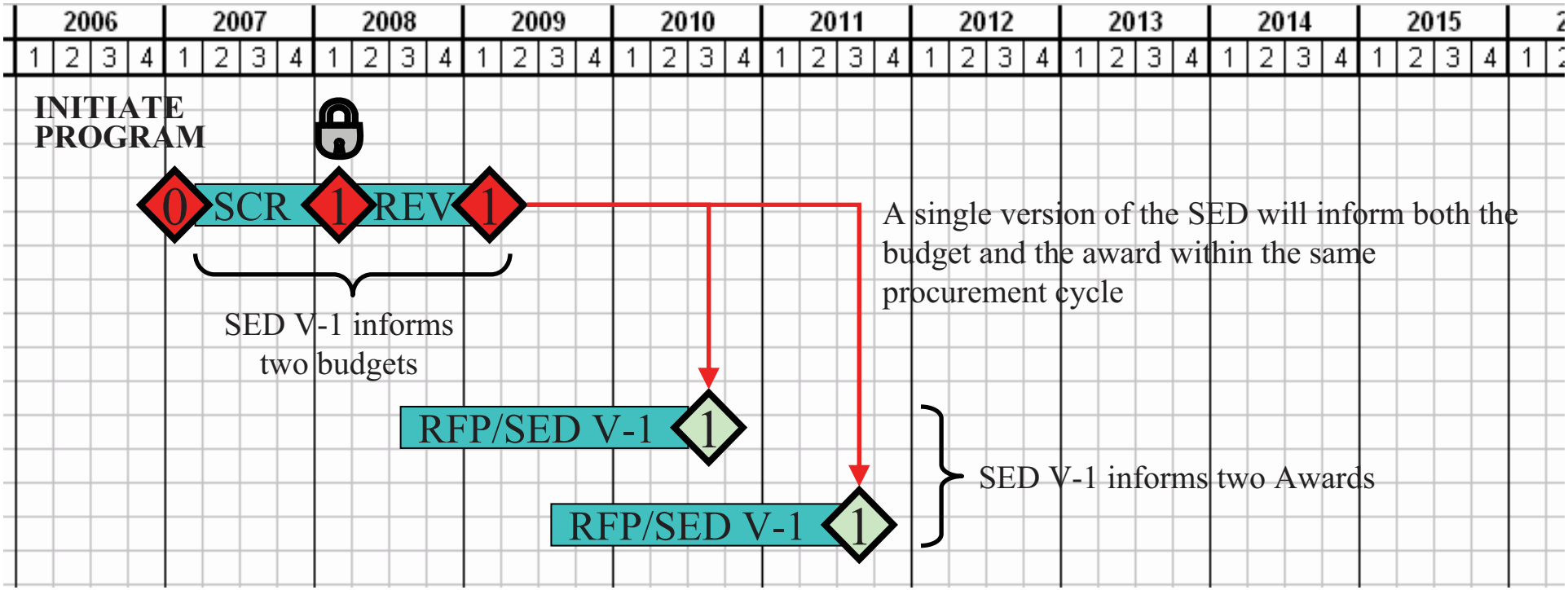
1

- ***Used to change the SED (not specific projects)***
- ***Defines SCOPE and COST***
- ***Identifies which FY SED version for implementation***
- ***Indicates affected RFP components***
- ***Sums up the cost by project, FY and entire CSCS program***

SCRs Approved To Date

Technical Bulletins	PDD Target Implementation Year	Technical Bulletin #	Cost
Enlarge Disintegrator Room (Discontinued Equipment)	FY 07	TB-004-2007	$11,597
Eliminate Wading Pool as a standard provision	FY 07	TB-005-2007	($36,000)
Reduce Area of Pool Deck	FY 07	TB-006-2007	($13,196)
Eliminate the warehouse as a standard provision	FY 07	TB-002-2007	($2,456,525)
Connect Power Monitoring Unit to BAS for sub-metering	FY08	TB-003-2007	$0
Provide protection of potable water	FY07	TB-007-2007	$823
Provide APP - Generic Standard Space Requirement Program	FY07	TB-001-2007	$0
Provide SMSe Technical Security System	FY07	TB-008-2007	$646,595
Enlarge Small UCR	FY10	TB-009-2007	$9,000
Increase area of Standard Kitchenette to meet ADA Req's	FY10	TB-010-2007	$6,000
Relocate Picture ID to RSO waiting area	FY 08	TB-011-2007	($1,730)
Co-locate RSO Waiting Room to non-CAA	FY 08	TB-012-2007	($3,087)
Division-1 Re-write	FY 07	TB-013-2007	($472,000)
Move Commissioning Authority responsibilities from D/B to CC	FY 07	TB-014-2007	$622,000
Reconcile SRP database to reflect SED swimming pool design	FY 07	TB-015-2007	($7,327)
Phlebotomy Alcove and Lab revisions	FY07	TB-016-2007	$4,022
HU - Observation plus storage	FY07	TB-017-2007	$0
HU - Shared office and RN workstation	FY07	TB-018-2007	($1,365)
HU - Shared Office	FY07	TB-019-2007	($299)
HU - Small Lab/Bathroom	FY07	TB-020-2007	($18,112)
HU - Exam/Storage	FY07	TB-021-2007	($2,414)
HU - Pharmacy/storage	FY07	TB-022-2007	($6,871)
HU - Office plus receptionist	FY07	TB-023-2007	($462)
HU - Lab Clean/Dirty	FY07	TB-024-2007	($23,207)
HU - Large Lab	FY07	TB-025-2007	$0
Vehicle Barrier Specifications	FY07	TB-026-2007	$30,887
Air Cooled Chiller	FY07	TB-027-2007	$15,000
PE 2005-2006 LL and J.2 Revisions (2)	FY08	TB-028-2007	($40,586)
Reconcile SRP with MSGQ SED drawings	FY08	TB-029-2007	$0
Total			($1,737,257.00)

Deadline for SCRs Is December 8, 2007



SCR/TB = DEFINE REQUIREMENTS

REV = IMPLEMENT CHANGES

1 = FIX BUDGET

1 = AWARD

A two year cycle allows for an orderly & disciplined process to revise the SED & assure that NEC awards are aligned with their budgeted requirements

OBO

United States

Department of State

Overseas Office Furniture Program

Patricia DeLaughter

Overseas Buildings Operations

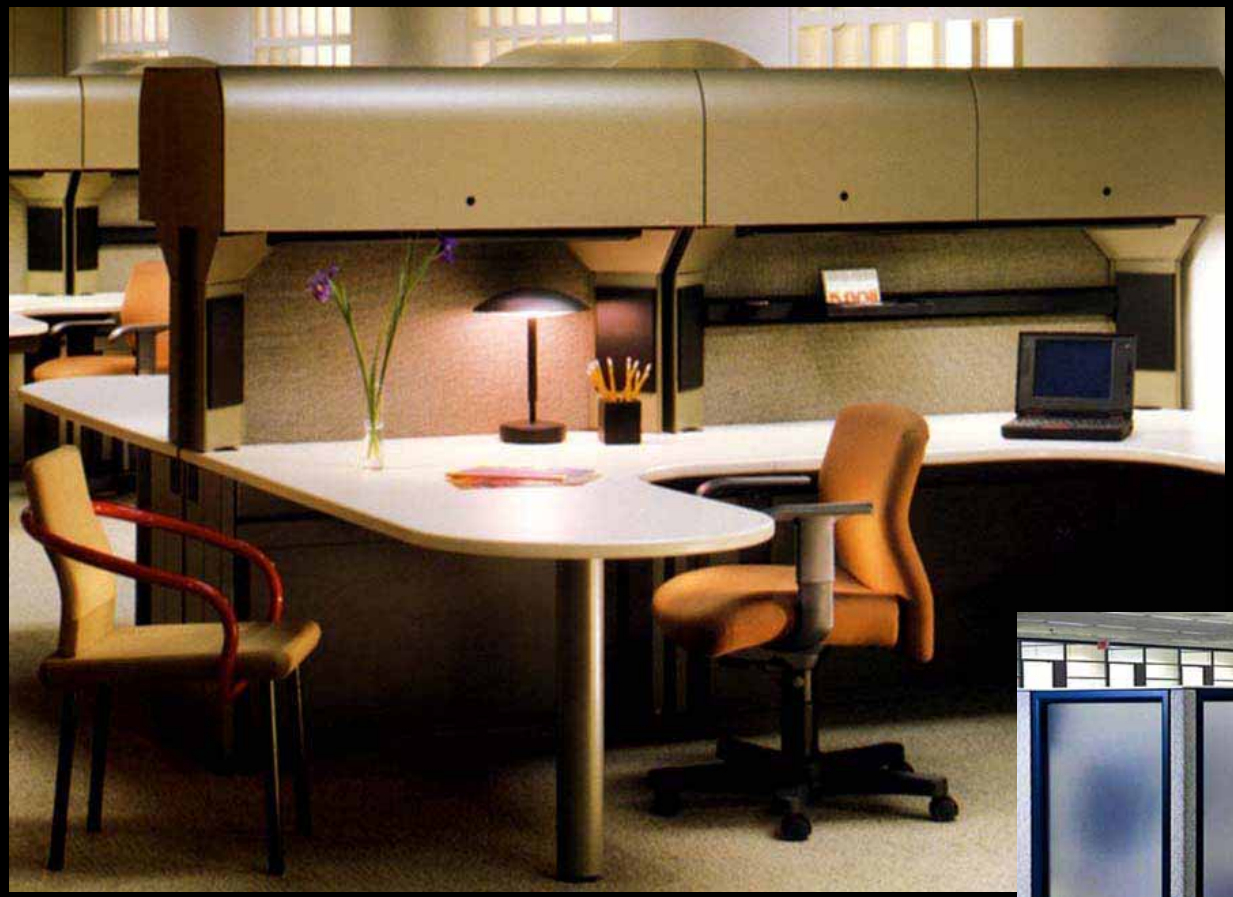
Area Management Division

Program Management Branch

Overseas Office Furniture Program

- Space planning and design
- Color scheme coordination
- Budget estimating for planning requirements
- Procurement through electronic data entry systems
- Oversight of shipping and consolidation
- Delivery and clearance coordination
- Installation and training services
- Maintenance instructions
- Follow-up on order deficiencies and product damage
- Inventory management for future reconfiguration

General Office



General Office

Private Office

Private Office

Private Office

Private Office

Lounge & Guest Seating Fabrics

Warm Scheme

Blue/Red Scheme

Cool Scheme

Brown/Blue Scheme

Green/Blue Scheme

Blue/Grey Scheme

Additional Products

Carpet Tiles are available in coordinating patterns and solids in 6 color schemes.

INTERFACE

Warm Scheme

Cool Scheme

Green/Blue Scheme

Blue/Red Scheme

Brown/Blue Scheme

Blue/Grey Scheme

Cable Order Format

FM AMEMBASSY_____
TO SECSTATE WASHDC

CLASSIFICATION (POST SELECTS APPROPRIATE CLASSIFICATION AND CABLE MUST BE CLASSIFIED WHEN ORDERING FOR A CAA AREA.)

FOR DEPT OBO/PE/IF/PMB, ATTN PAT DELAUGHTER

E.O. 12356:N/A
TAGS:ABLD, AMGT, KSLG
SUBJECT:OVERSEAS OFFICE FURNITURE PROGRAM
POST P.O._____ - _____

1. PLEASE PROVIDE THE FOLLOWING OFFICE FURNISHINGS TO THE AMERICAN EMBASSY.

   (NOTE: EACH LINE ITEM SHOULD READ:)
   CATALOGUE SECTION/ PAGE NUMBER FROM PRICE LIST
   ORDER CODE/DESCRIPTION
   WOOD FINISH/FABRIC CODE UPHOLSTERY
   VOLTAGE/PLUG CONFIGURATION
   QTY
   UNIT PRICE, TOTAL COST

   A. GENERAL OFFICE/ PAGE NO. 7
      ORDER CODE M-SCU11 MORRISON CLUSTER WITH "U" RETURN
      WARM SCHEME
      VOLTAGE 220V
      1 EA.
      USD7362.38, TOTAL USD7362.38

   B. GENERAL OFFICE/ PAGE NO. 14
      ORDER CODE M-CH 41/ BULLDOG OPERATIONAL ARM CHAIR
      (WS) LUMINOUS HONEY K393/2
      6 EA.
      USD550.68, TOTAL USD3304.08

   C. CONFERENCE/ PAGE NO. 91
      ORDER CODE R-CON4/ CONFERENCE TABLE
      (KD) MAHOGANY
      1 EA.
      USD1766.10, TOTAL USD1766.10

   D. PRIVATE OFFICE/ PAGE NO. 44
      ORDER CODE DE-LGE 42/CAMPAIGN SETTEE
      FINISH (KC) CHERRY/ARC COM (WS) EMBASSY ROW 66484
      2 EA.
      USD1588.00, TOTAL USD3176.00

2. TOTAL COMMODITY COST @ USD15608.56
3. TOTAL TRANSPORTATION COST @ USD3000.00
4. "WORKING CAPITAL FUND @ 5% OF COMMODITY COSTS"
   APPLIES ONLY WHEN TENANT AGENCY FISCAL STRIP IS USED.
5. FUNDING INFORMATION:
   (PROVIDE SEPARATE FISCAL STRIPS FOR SHIPPING)

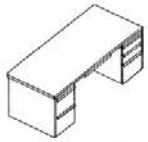
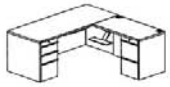
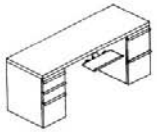
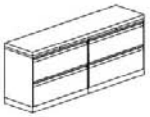
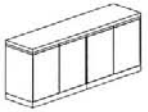
   FUNDING DATA:
   APPROPRIATION - _____
   ALLOTMENT - _____
   OBLIGATION NO. - _____
   ORG. NO. - _____
   FUNCTION CODE - _____
   SUB-OBJECT CODE - _____

   POST CONTACT PERSON:-,TITLE,
   TEL/FAX NO: _____ /_____

FUNDING DATA SAMPLE:
19-40113-4789-541001-310201-2700-3122

General Office Furniture Pricing

Metal & Laminate Furniture

ORDER CODE	DESCRIPTION	UNIT COST	CART. WEIGHT	CUBIC FEET
M-FDD 1	 **Morrison Free-Standing Double Pedestal Desk.** (1) b/b/f pedestal, (1) f/f pedestal and pencil drawer. Main Worksurface: 72"w x 30"d 1829mm x 762mm *Select Warm or Cool Color Scheme**	$1,048.64	335 lbs.	28.3
M-FDR 2	 **Morrison Free-Standing Desk with Return** L-shaped desk with 42"w x 24"d return, (1) b/b/f pedestal, (1) f/f pedestal, pencil drawer, articulating keyboard arm. Overall Dimensions:72"w x 72"d 1829mm x 1829mm *Select Warm or Cool Color Scheme**	$1,550.23	396 lbs.	26.9
M-FCK 3	 **Morrison Free-Standing Credenza with Kneespace and Keyboard** Credenza unit with (1) b/b/f pedestal, (1) f/f pedestal, articulating keyboard arm. Main Worksurface: 72"w x 24"d 1829mm x 610mm *Select Warm or Cool Color Scheme**	$798.62	236 lbs.	21.2
M-FCL 4	 **Morrison Free-Standing Credenza with Lateral Files** Credenza unit with (2) 36" lateral files. Main Worksurface: 72"w x 19"d 1829mm x 483mm *Select Warm or Cool Color Scheme**	$1,043.28	291 lbs.	31.2
M-FCS 5	 **Morrison Free-Standing Credenza with Storage Cabinets** Credenza unit with (2) 36" double door cabinets. Main Worksurface: 72"w x 19"d 1829mm x 483mm *Select Warm or Cool Color Scheme**	$737.52	228 lbs.	26.4
M-SRD 6	 **Morrison System Reception Desk** U-shaped reception desk with 42"h and 64"h acoustical panels, (1) b/f/f pedestal, (1) f/f pedestal, VDT corner with (1) grommet and articulating keyboard, pencil drawer and transaction counter with (2) 36" overhead cabinets, task lighting. Includes desk accessories. Overall Dimensions: 76½"w x 102"d 1943mm x 2591mm *Select Warm or Cool Color Scheme**	$4,027.41 *(220v)* $3,956.90 *(110v)*	822.5 lbs.	62.4

*** Behind the tab titled "Fabrics & Finishes" refer to the "General Office Panel Fabric & Finish Selection" card.**

Overseas Office Furniture Program

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MasseyMA@comcast.net

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