

## Abbreviated PDR Template

(For use with PDR-lite/ENG3086)

### 1. Project Introduction:

1.1. This document contains the Parametric Design data for the following project:  
Project Name, Project Number, Installation and Year

2. Acquisition Strategy: Provide a brief description of the acquisition methods (Design Build, Design-Bid-Build, or Adapt-Build) and the rationale for the selection. Ensure that PDT has selected the appropriate acquisition strategy that has been fully vetted and approved by District (PM and Engineering) leadership and coordinated with COS for those involving standard facilities. Provide signed acquisition strategy template in Attachment 3.

3. Project Description and Scope Validation: Complete the following scope chart for the project. Show the resultant quantities (in terms of a definitive unit of measure).

	List <u>ALL</u> Primary Facility Items from approved 1391 with category code and Unit of Measure <i>whether they have a scope discrepancy or not</i>				Parametric Design Quantity for each Primary Facility Item with category code and Unit of Measure (Date of PDR)				Quantity Difference
	Cat Code	Facility	UoM	Quantity	Cat Code	Facility	UoM	Quantity	
#1									
#2									
#3									
#4									
#5									
#6									
#7									
#8									
#9									

#10									
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*\*ROM = Rough Order of Magnitude (Add more rows as necessary)*

The chart should be followed by a paragraph that includes a description of the standard criteria, standard design, manning document, equipment layouts, or other references used as a basis for scope validation. If the project involves a non-standard facility, the District/Installation must provide the criteria used to develop the facility size. Both standard and non-standard facilities must include the appropriate manning documents (FPS, MTOE, TDA, etc.) for the facility occupant(s). If the actual reference documents need to be included, provide in Appendix 4.

If the project/scope included on the DD Form 1391 cannot be validated and/or requires changes, the proposed change must be in accordance with paragraph 3.6.2. and instructions provided in appendix B of the Parametric Design Guidance. Scope deviation approval documentation should be summarized in this section and the actual approval correspondence should be included in the Appendix 4.

COS validation of standard design facility(ies) will be documented in the DD Form 1391 Processor and should be referenced in this section of the report to include the date of concurrence. The actual COS validation from the DD Form 1391 Processor must be included in the Appendix 4.

Scope Validation for Non-Standard design projects: The Geographic District must validate that the scope of non-standard facility is adequate to meet the stated requirement. The District must describe and demonstrate the application of criteria, manning document, equipment layouts, or other references used as a basis for scope validation.

4. Regional Director site approval status: Provide a brief description of the IMCOM Regional Director Site approval status and date of approval and include a copy of the actual signed site approval letter as Attachment 1.
5. Site Development/Civil: Include a brief description of the proposed site conditions and proposed facility layout. The proposed facility layout should be documented by a site sketch and included in Appendix 4 of this document.
6. Utility Connection and Capacity: Provide a brief description indicating that the Geographic District validated that all utility connection points are identified and that system capacities are adequate to support the projected additional load requirements of this project.
7. Sustainable Design and Energy Conservation: Include a description of how sustainable design and energy conservation will be achieved. Include a validation that the project will be designed to meet LEED "Silver" rating IAW ECB 20087-1, 28 January 2008. In addition, this section of the PDR must address how the project will comply with the 8 July 2010, Department of the Army, Office of the Assistant

Secretary for the Army Installations and Environment Memorandum, SUBJECT: Sustainable Design and Development Policy Update (Environmental and Energy Performance).

**7.1. LEED Checklist:** If a Preliminary LEED checklist is not included in the approved DD Form 1391 from the Planning Charrette, a Preliminary LEED checklist should be completed as part of the PDR. The actual appropriate Preliminary LEED Assessment Checklist (Version 3.0) shall be included in the Appendix 2. All LEED checklist submissions must follow LEED version 3.0. If specific sustainability features are known at this stage of design, a LEED checklist with detailed costs shall be included as part of the ENG Form 3086 submission. SDD costs in excess of the maximum 2% must be thoroughly described, justified and costed as part of this submission.

**7.2. Energy Enhancement Measures:** For this analysis, the PDT is to determine energy savings for a suite of energy efficiency measures (EEMs) in accordance with ECB 2011-1 High Performance Energy and Sustainability Policy. EEMs should consider the building envelope construction, lighting and plug load design and power densities, as well as heating, ventilation and air conditioning strategies. EEMs should be modeled for specific building type and climatic region of the site. The goal is the most energy efficient building design, which meets building functional and mission requirements. Functional and mission requirements cannot be altered during the modeling process without consent of the appropriate authority. Briefly describe the EEMs evaluated and/or selected for this project. Costs must be justified and included as part of the ENG Form 3086 submission. PDTs are to perform a Life Cycle Cost Analysis (LCCA) on energy-related decisions of major systems in accordance with ECB 2012-13 Energy Implementation Guidance Update, ASHRAE 189.1 Life Cycle Cost Analysis Requirements.

**7.3. Low Impact Development:**

Briefly describe the Low Impact Development features planned for incorporation into the project to address runoff requirements. Include the project site acreage as identified by the limit of disturbance (LOD) (same as project site boundary), calculate the volume of water required to be managed onsite (the difference between the pre and post project runoff from the site). Calculations must incorporate the 95th percentile storm event, and the varying runoff coefficients for each surface area type including soil and vegetation. When planned construction practices are not known (runoff coefficients are not known), consideration must be given to requirements provided in Army Standards, Standard Designs, and historical data, as well as area of non-building surfaces, such as walks, roads, pavements, etc. All planned LID features must be designed based upon the post project increase in storm water runoff (difference between pre and post project). The LID Planning Tool is available at:

<https://ten.usace.army.mil/TechExNet.aspx?p=s&a=AREASOFEXPERTISE;1209>

## 8. Additional Project Requirements:

- 8.1. **Furnishing and Equipment:** Validate that the cost included in the DD Form 1391 for the furnishing and equipment required for this project are adequate. If this section of the 1391 is blank or incomplete it should be developed and included in the PDR, Note the intended procurement appropriation (OMA – Operation and Maintenance Army, OPA – Other Procurement Army, etc) for the included furnishing and equipment and include a confirmation of the party responsible for obtaining/budgeting for the funding (Proponent, Facility User, etc.). **The PDR must contain a definitive statement that the PDT considers the Furnishings and Equipment cost shown in the 1391 are adequate. If the PDT determines that these cost are not adequate a revised listing and cost for these items must be included in this section of the PDR.** Furnishing and equipment requirements and cost for projects containing standard design facility types can be obtained from the appropriate COS(s). Furniture pricing data is also available from the Huntsville Center, centrally managed Furnishing Program.
- 8.2. **NEPA Environmental Issues Status:** Provide a general summary statement indicating what specific NEPA (National Environmental Policy Act) documentation is required (whether EIS, REC or EA), **current status, definitive timeline for completion** and way ahead, other environmental issues, and identification of any required waivers and permits. Need to also identify if the PES (Pre-construction Environmental Survey) has been completed by the installation. If the NEPA and PES actions are incomplete or there are significant issues, District PM should immediately notify HNC CX and RIT for coordination with OACSIM, HQIMCOM, and HQUSACE for resolution. The results of this coordination, the status of NEPA and PES documentation must be included in the PDR.
- 8.3. **UXO issues status:** Provide a statement that indicates verification that all known UXO issues have been addressed.
- 8.4. **PDR:** Include PDR Score on the PDRS automated checklist. If PDR was not developed as part of a Planning Charrette, it should be conducted as part of this effort and the resultant score recorded in the PDRS automated checklist.
- 8.5. **Facility Demolition:** Include a brief description of any facility demolition that is included as part of the project. If the demolition data in the DD Form 1391, Tab H, is complete and adequate it can be noted in this section. Note if there are special considerations associated with the facilities to be demolished (i.e. asbestos removal, lead based paint, etc). Per ACSIM, in coordinating with the Installation, note the following:
- 8.5.1. One for one demolition is required for all MILCON projects.

8.5.2. Relocatable facilities are personal property and must be disposed of and funded from Installation dollars.

8.5.3. When the one for one demolition requires demolition outside the footprint of the project, the Facilities Reduction Program cannot be used to cover the SF demolition (outside the footprint) for a programmed MILCON project.

8.5.4. Facilities identified for demolition as part of the one to one demolition policy do not need to be the same catcode as the facility being built.

8.6. **Approvals/Waivers:** Briefly describe approvals received or status of COS approval for standard design facilities and other required approvals from affected Federal or state agencies. If project has multiple facilities with different COS involvement, ensure that all COS are engaged and have provided the concurrence required. Projects with sites that may impact an airfield, or any project with airfield pavements, will need to provide evidence of coordination and approval by the Transportation Systems Mandatory Center of Expertise, Omaha District.

9. **PDT Members and endorsement:** In the Abbreviated PDR report, PDT members from District, Installation, Army Command and other stakeholders must be identified to include their office represented.

**Attachment 1: IMCOM Regional Site Approval Letter**

**Attachment 2: LEED Documentation**

**Attachment 3: Tab B/Acquisition Strategy**

**Attachment 4: Other Project Documentation** (References, Correspondence, Misc, etc.)