University System of Maryland (USM) Service Centers

**UMD College Park**
- Bowie State University
- Frostburg State University
- **UM College Park (Flagship)**
- UM Eastern Shore
- Salisbury University
- UM Center of Environmental Science
- UM University College
- University System of Maryland

**UMB Baltimore**
- Towson
- Coppin State
- University of Baltimore
- UMBC
UMD Facilities Management (800+ staff)

- Departments
  - Building & Landscape Maintenance
  - Planning & Construction
  - Engineering & Energy
  - Facilities Administration
  - Operations & Maintenance

Website:  [www.facilities.umd.edu](http://www.facilities.umd.edu)
Department of Planning & Construction

• Executive Director: William Olen

  – Director Facilities Planning
    • Campus Development
    • Space Usage
    • Site Planning
  – Associate Directors
    • UMD and Client Institution Projects
    • Design Services
    • Technical & Administrative Support

  – Staff: ~105

• 21 members of departments staff are LEED certified professionals, 5 are also Green Globes professionals.

• >30 professional architects, landscape architects and engineers on staff
Department of Planning & Construction

Leadership in the Department

- **Kris Philips** - Director of Facilities Planning
- **Arshad Mughal** – Associate Director of Capital Budgeting
- **Brian Still** - Associate Director of Project Management & Operations
- **Enrique Salvador** - Associate Director of Project Management
- **James Cleary** - Associate Director of Quality Assurance
- **Tom Bunting** - Associate Director of In–House design
Planning & Construction

- Projects across the state, half of dollar value at UMD
- New construction and major building renovations
- 55 Capital projects valued at $ 2.9B
- 6 Active projects valued > $100M

Construction Methods:
- Construction Management at Risk **(USM requirement for any project >$10M)**
- Design/Build
- Design/Bid/Build
- JOC
- On-call contracts (CM@R, D/B and GC)
Design & Construction

- Capital Projects > $100M include:
  - UMD Cole Field House Renovation $ 196M+
  - UMD Clark Hall $ 152M
  - UMD Brendan Iribe Center $ 157M
  - USG Bio-Medical Building $ 158M
  - UMD Housing/Dining $ 152M (D/B)
  - UMD Chemistry Wing 1 Replacement $103M (D/B)
Iribe Center
HDR Designer – Whiting/Turner CM@R
USG - Biomedical
Cooper/Cary Designer - Gilbane CM@R
Cole Field House
Cannon Designer – Gilbane CM@R
Open-Ended Contracts

• **Civil/Structural Design**
  – Current Vendors: AMT, WBCM, RK&K, WMA
  – Expiration Date: 7/2/2021

• **CM @ Risk**
  – Current Vendors: Coakley/Williams, JV Schaffer, Kinsley, Plano-Coudon, Whiting/Turner, DPR
  – Expiration Date: 12/7/2021

• **Design/Build**
  – Current Vendors: Coakley/Williams, Brawner, Jeff Brown, JVS, Whiting/Turner
  – Expiration Date: 5/10/2022

• **Full Service A/E**
  – Current Vendors: WRA, JMT, HCM, Murphy/Ditenhafer, GWWO, HDR
  – Expiration Date: 6/21/2022

• **SBR A/E**
  – Current Vendors: Penza/Bailey, JRS, Louviere, Stratten & Yokel, Newman, Waldon
  – Expiration Date: 6/21/2022

• **SBR MEP Design**
  – Current Vendors: Weigand, Muller, Kibart, Gipe
  – Expiration Date: 8/15/2022

• **MEP Design**
  – Current Vendors: Henry Adams, CFR, Kibart, MS Engineering, WRA
  – Expiration Date: 4/18/2023
Active solicitations

• UMD – D/B for office bldg. in Clarksville Maryland ( $ 5M)
• BSU – D/B for Arts & Humanities Building ($ 133M)

Upcoming solicitations in 2019

• UMES – D/B for Agricultural Center ($ 9.3M)
• UMD Master Plan
USM A/E Selection Procedure

Project Approach (Quality Based Selection/ QBS)

• Phase I – Portfolio review
• Phase II
  ▪ Documentation (330s, etc.)
• Phase III
  ▪ Interview/Oral Presentation (if documentation is complete)
• Phase IV
  ▪ Fee Negotiation with top ranked firm

▪ Goal is that the process is completed in ~ 8 months
UMD D/B Selection Approaches

Lump Sum with bridge documents

• Typical on smaller projects less than $ 5M (Bridge documents)

Two GMP Options on our larger solicitations

• Phase I – Technical/portfolio review
  ▪ Documentation (330s, etc.)
• Phase II
  ▪ Interview/Oral Presentation (if documentation is complete)
• Phase III (Option A Best Value Selection)
  ▪ Request fees from highest qualified teams, technical and price determine winner.
• Phase III (Option B QBS Selection)
  ▪ Fee Negotiation with top ranked firm
• Why the shift to D/B? **Risk to the Team!**
  – Schedule development, what's reasonable
  – Cost volatility: Tariffs, storms.....
  – How much design is needed for the builder to bid
  – Bidding climate
  – Bid Package development: **Need skill and judgment**
  – Timing for advertising: How long before actual work will start for trades, too early = contingency in bids
  – Ability of trades to put in place designed systems
• Use of *E-Builder* software as the Project Management tool for the entire program including all prime vendors

**Procurement Opportunities**
• Register with eMaryland Marketplace
Questions?

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