Lessons Learned: Design Build

Panelists:
Brett Hendricks, BSHM Architects
Kevin Wise, Regency Construction
Carrie Yost, Ohio Department of Transportation
Michael Bruder, Kent State University
Moderator: Ned Thiell, Program Manager, OFCC

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2016 OFCC Conference

Lessons Learned: Design Build

Michael E. Bruder, R.A.
Office of the University Architect
September 22, 2016
### Compensation Component Description

Refer to complete description in the Section of this GMP Amendment referenced below.

<table>
<thead>
<tr>
<th>Compensation Component Description</th>
<th>Current Amount before execution of this GMP Amendment</th>
<th>Increase(Decrease) amount added to or (deducted from) Current Amount</th>
<th>Amended Amount after execution of this GMP Amendment No. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1 Contract Sum</td>
<td>$2,749,366.80</td>
<td>($90,670.80)</td>
<td>$2,658,696.00</td>
</tr>
<tr>
<td>1.1.1 Estimated Cost of the Work (CoW)</td>
<td>$2,500,841.00</td>
<td>($180,617.00)</td>
<td>$2,320,224.00</td>
</tr>
<tr>
<td>1.1.1.1 Personnel Costs</td>
<td>$131,558.00</td>
<td>$0.00</td>
<td>$131,558.00</td>
</tr>
<tr>
<td>1.1.1.2 General Conditions Costs</td>
<td>$42,582.00</td>
<td>($114.00)</td>
<td>$42,468.00</td>
</tr>
<tr>
<td>1.1.1.3 Subcontracted Work</td>
<td>$2,326,701.00</td>
<td>($180,503.00)</td>
<td>$2,146,198.00</td>
</tr>
<tr>
<td>1.1.1.4 Self-performed Work</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>1.1.2 DB’s Contingency 8.2% (CoW)</td>
<td>$137,546.00</td>
<td>$52,666.00</td>
<td>$190,212.00</td>
</tr>
<tr>
<td>1.1.3 Design-Services Fee 0.83% (CoW + C)</td>
<td>$20,574.64</td>
<td>$40,262.36</td>
<td>$60,837.00</td>
</tr>
<tr>
<td>1.1.4 DB’s Fee 3.4% (CoW + C + CSDSF)</td>
<td>$90,405.16</td>
<td>($2,982.16)</td>
<td>$87,423.00</td>
</tr>
</tbody>
</table>

### ARTICLE 2 - CONTRACT TIMES

2.1 The Contract Times are the periods established in the following table for the achievement of the associated Milestones:

<table>
<thead>
<tr>
<th>Construction Stage Milestone to which Liquidated Damages apply</th>
<th>Contract Time</th>
<th>Projected Date (as of the date of this GMP Amendment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Occupancy</td>
<td>ninety-three (93) calendar days</td>
<td>Tuesday, September 6, 2016</td>
</tr>
</tbody>
</table>
Questions?

Brett Hendricks, bmh@bshm-architects.com
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Michael Bruder, mbruder@kent.edu
Ned Thiell, ned.thiell@ofcc.ohio.gov
Business Opportunities: Upcoming Projects

Carrie Yost, Ohio Department of Transportation
Michael Bruder, Kent State University
Craig Weise, OFCC

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Business Opportunities
Upcoming ‘Vertical’ Projects

Carrie Yost
Administrator of Statewide Facilities Operations
Division of Facilities and Equipment Management
Building Facility Portfolio

Encompasses:

- Over 350 Sites
- Over 1,600 Buildings
- Hundreds of other assets
- 7 million square feet under roof
Building Facility Portfolio

- 13 Headquarter Complexes
- Over 100 Full Service Maintenance Facilities
- Over 130 County Outpost and Yard Facilities
- Over 90 Rest Areas
- 19 Weigh stations (Ohio Department of Public Safety)
- Numerous Support Buildings & Accessories
Facilities Master Planning

ODOT has developed a long term plan to build facilities based on operational requirements while incorporating expected life-cycle needs.

ODOT’s current replacement construction program for individual buildings or complete complexes is/shall address deficient and antiquated building facilities.
Facilities Master Planning

Factors:

- Location
- Service Area
- Operational Needs
- Environmental Aspects

Function

- Need based assessment

Scenario Planning

- Facility Type
Operational Facility Types

- **Full-Service Maintenance** – manned facility providing full equipment maintenance services.

- **Outpost** – minimally manned facility (full-time or seasonal) not providing full equipment maintenance services.

- **Yard** – unmanned facility housing one or more support structures (i.e. salt storage, equipment storage, calcium/brine storage, fuel, etc.)
Full Service Maintenance

Ohio Department of Transportation
Fiscal Yrs 2017/2018 Projects

Full Service Facilities:
- Medina County
- Portage County
- Perry County
- Union County
- Montgomery County
- Greene County
- Washington County
- Monroe County
- Carroll County

Outpost Facilities:
- Wood County
- Stark County
Rest Area Facilities

- Interstate and State Highway locations that offer various levels of service to the motoring public.

- Janitorial Services - Local Community Rehabilitation Program (CRP)

- Vending Services – Bureau for Services to the Visually Impaired (BSVI)
Fiscal Yrs 2017/2018 Projects

Rest Areas:

- **Wood** County
- **Prototype Building**
- **Preble** County
- **Warren** County

Ohio Department of Transportation
Any Questions?

Thank you
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Business Opportunities: Upcoming Projects

Michael E. Bruder, R.A.
Office of the University Architect
September 22, 2016
Sneak Peek of Other Construction Projects Under Design and Preparing to Bid . . .

- MACC Fire Alarm $400K
- Bowman Hall HVAC $4M
- Taylor Hall Renovation $8M
- Terrace Hall Renovation $3M
- Satterfield Hall HVAC $500K
- Rockwell Hall Chiller/AHU $1.5M
- Trumbull Campus Main Hall Roof $1.15M

www.kent.edu/universityarchitect
• Tuscarawas Founders Hall HVAC $1M
• Stark Library Fire Alarm $600K
• Student Center AHU Replacements $500K
• Speech Pathology Renovations $1.6M
• Lake/Olson Halls HVAC Design Build $8M
• Verder Hall Roof/Masonry $900K
• MACC Improvements $10M

www.kent.edu/universityarchitect
OFCC

Craig Weise
Chief of Projects

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## State Agencies Projects

### Dept. of Administrative Services

- SOCC Facility Reno. $15,884,371
- N. High St. Complex $18,075,000
- Rhodes Tower Reno. $19,250,000

### Dept. of Commerce – State Fire Marshall

- SFM Renovations $1,900,000
- Forensic Evidence Stor. $2,187,500
State Agencies Projects

Dept. of Natural Resources

• State Parks – Cabins & Camp. $23,910,514
• Buckeye Lake Dam $61,546,960
• Lake White St. Park – Dam $27,376,761
• Dam Rehab.- Parks $55,425,000
• Muskingum River Lock & Dam $3,750,000
State Agencies Projects

Dept. of Veteran Services
• Sandusky Reno. $3,895,368
• Georgetown Reno. $1,037,750

Dept. of Youth Services
• Circleville JCC- Additions $10,683,000
• Circleville JCC- Housing & Programs $5,212,230
State Agencies Projects

Ohio Exposition Commission
• Facility Improvements $9,400,000

Ohio Supreme Court
• General Building Reno. $8,373,883

Ohio School for the Deaf
• Dormitory Construction $2,503,000

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OFCC K-12 Projects

Districts that have obtained Local Funds

• Anna LSD $17,502,227
• Lancaster City SD $47,856,215
• Clear Fork Valley LSD $25,599,229
• Tri-Star STEM Compact $16,631,852
OFCC K-12 Projects

Districts still seeking Local Funds

• Preble Shawnee LSD $45,036,586
• Amherst Ex. Vill. SD $45,862,107
• Clark Shawnee LSD $52,035,088
• Fairborn City SD $50,984,299
• Fremont City SD $110,929,351
• Licking Heights LSD $94,413,559
OFCC K-12 Projects

Districts still seeking Local Funds

• Shaker Heights City SD $132,807,693
• St Bernard Elmwood Place SD $33,003,110
• Tallmadge City SD $64,870,995
• West Clermont LSD $151,213,303
• Xenia Community City SD $62,010,353
OFCC Community Projects

• Cleveland Music Hall (Cuyahoga) $400,000
• Sandusky State Theatre (Erie) $750,000
• Charleen & Charles Hinson Amphitheatre (Franklin) $1,000,000
• Toledo Museum of Art (Lucas) $1,500,000
OFCC Community Projects

• Dayton History Heritage Cntr.  $1,500,000  
  (Montgomery)
• Jackson North Park Amphi-theatre  $1,000,000  
  (Stark)
• DeYor Performing Arts Cntr.  $1,300,000  
  (Mahoning)
## Other Community Projects

- **Mahoning Valley Innov. Commercialization Cntr (YSU)** $3,000,000
- **Butler Tech & Career Dev. Bioscience (Miami Univ)** $1,000,000
- **Springfield Parking Facility (Clark State)** $1,500,000
Other Community Projects

• CWRU Health Educ. Campus $1,100,000
  (Cleveland State)
• Edison Welding Institute $1,500,000
  (OSU)
• Cincinnati Cntr. For Addict. Treatment Exp. (DMH) $2,000,000
Questions?

Carrie Yost, carrie.yost@dot.ohio.gov
Michael Bruder, mbruder@kent.edu
Craig Weise, craig.weise@ofcc.ohio.gov
Ask OFCC

Craig Weise, OFCC

@OHFacilities / #OFCCConf16
This concludes The American Institute of Architects Continuing Education Systems Course

Provider Name: Ohio Facilities Construction Commission
Provider #: G442
Contact: sue.meyer@ofcc.ohio.gov

Reminder:
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