

THE PIERRE
2100 NORTH LINCOLN PARK WEST
WINDOW REPLACEMENT PROJECT
JUNE 29, 2007

Program Development

Preliminary Mock-up Installation(s)

| | | | |
|---|---|---|--|
| Select manufacturer / product or combination(s) | | Est. Duration: | In Progress |
| Determine location(s) Additional engineering may be required dependent upon locations or scope of mock-ups Can be utilized to verify underlying construction, anchorage and potential damage issues. Building may contract for this with agreement that payment will be made for products not selected. | | | Completed |
| Fabrication of mock-up | | | In Progress |
| Installation | IFD Unit 5AS IL Sash Unit 4BS Auburn Unit 5BS | June 14, 2007 June 15, 2007 July 23, 2007 | Completed Completed Tentative |

Construction Documents

| | | | |
|--|--|-------------------------|--------------------|
| Verify underlying conditions (during mock-up installation) | | Est. Duration: | In Progress |
| Determine final product properties and design requirements May be bid with some alternates depending upon similar scope of work Important to have most design considerations finalized at this point | | | |
| Establish target installation date(s) | | | |
| Establish any installation constraints- sequences or guidelines to be followed | | | |
| Produce documents | | Est. Completion: | Mid July |

Bidding Phase

| | | | |
|---------------------------|--|-------------------------|---------------------|
| Pre-Bid meeting | | Est. Duration: | 3 weeks |
| Contractor submit pricing | | | |
| K&H develop bid summary | | Est. Completion: | Early August |

Pre-Construction Tasks

| | | | |
|---|--|-------------------------|--|
| Contract Negotiation | | Est. Duration: | 6 to 8 Weeks |
| Building reviews bids Consider product, price, contractor qualifications Conduct bidder review (if necessary) | | | |
| Select contractor | | | |
| Contract Finalization | | Est. Completion: | Varies Mid. Sept. to Early Oct. |

| | | | |
|--|--|--|-------------------|
| Construction preparation by building | | | Concurrent |
| Project coordinator - conduit between project and individual residents Informational meetings Answer questions about individual preparations Pre-address problematic unit(s) Organize services available for typical resident needs: Window treatments (removal, alterations?, reinstallation) Protective coverings (temporary rental or disposable) Movers Handymen Distribute construction updates / schedule changes Insure residents meet contractor schedule requirements | | | |
| Security personnel | | | |

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Pre-Construction Tasks (continued)

| | | |
|--|-------------------------|----------------------|
| Product Submittals | Est. Duration: | 2 - 3 months |
| Product data / samples | | Mid October |
| Shop drawings | | |
| Contractor measurements of all openings, all units | | |
| Develop drawings | | |
| Engineering review | | |
| Revision(s) | | |
| Approval - all selections finalized | | |
| | Est. Completion: | Early January |

| | | |
|-------------------------------|-------------------------|--------------------------|
| Final Mockup(s) - Fabrication | Est. Duration: | 1 to 1-1/2 months |
| Fabrication | | Varies per Manuf. |
| Testing | Est. Completion: | Mid February |

Construction

| | | |
|-------------|-----------------------|--------------------------|
| Fabrication | Est. Duration: | 3 - 4 months |
| | | Varies per Manuf. |

| | | |
|--|-------------------------|-------------------------|
| Typical installation sequence | Est. Start Date: | May / June |
| Initial learning curve | | 2 - 3 weeks |
| Periodic testing | | |
| Typically runs continuous until completion of program / Phases | Est. Completion: | Mid October 2008 |