



## Midwestern Contractors (MW) Internal Audit for Project Management (PM)

| ECMW Auditor:         | Status Key:              |                            |
|-----------------------|--------------------------|----------------------------|
| Site Assessment Date: | C = Compliant            | O = Opportunity for Change |
| QA or QC?:            | N= Non-Compliant         |                            |
| Process Owner:        | I = Area for Improvement |                            |

| Question:   | Document(s) Reference: | Status | Comments |
|---|------------------------|--------|----------|
| Estimating Phase:   |                        |        |          |
| <b>1.1</b> Has customer information been documented?              | ECMW-QMS-005           |        |          |
| 1.2 Has a site visit been arranged?                               | ECMW-QMS-005           |        |          |
| <b>1.3</b> Has a scope of work been documented?                   | ECMW-QMS-005           |        |          |
| <b>1.4</b> Have the project locations been documented?            | ECMW-QMS-005           |        |          |
| <b>1.5</b> Have drawings and bid documents been documented?       | ECMW-QMS-005           |        |          |
| <b>1.6</b> Have Contract terms been defined?                      | ECMW-QMS-005           |        |          |
| <b>1.7</b> Any special insurance requirements?                    | ECMW-QMS-005           |        |          |
| 1.8 Legal review?   | ECMW-QMS-005           |        |          |
| 1.9 Material take-off performed?                                  | ECMW-QMS-005           |        |          |
| <b>1.10</b> Equipment take-off performed?                         | ECMW-QMS-005           |        |          |
| 1.11 Labor take-off performed?                                    | ECMW-QMS-005           |        |          |
| <b>1.12</b> Was subcontractor work identified and docuemented?    | ECMW-QMS-005           |        |          |
| <b>1.13</b> Was communications documented?                        | ECMW-QMS-005           |        |          |
| <b>1.14</b> Was document ECMW-QCD-003 completed for this phase?   | ECMW-QMS-005           |        |          |
| 2.0 Pre-Planning Phase  |                        |        |          |
| <b>2.1</b> Was a written and signed agreement made with customer? | ECMW-QMS-005           |        |          |
| <b>2.1</b> Has the PM documented terms of payment and retainage?  | ECMW-QMS-005           |        |          |

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| <b>2.3</b> Project Schedule? Budget? Job Number? Invoice Schedule?                   | ECMW-QMS-005           |        |          |
| <b>2.4</b> Have materials been ordered and documented?                               | ECMW-QMS-005           |        |          |
| 2.5 Equipment been requisitioned?  | ECMW-QMS-005           |        |          |
| <b>2.6</b> Labor been requisitioned?   | ECMW-QMS-005           |        |          |
| <b>2.6.1</b> Labor Schedule set?   | ECMW-QMS-005           |        |          |
| <b>2.7</b> Subcontractor agreement made and signed including insurance requirements? | ECMW-QMS-005           |        |          |
| <b>2.7.1</b> Subcontractor budget? Work schedule? Invoice Schedule?                  | ECMW-QMS-005           |        |          |
| 2.7.2 Issue P.O. to subcontractor?   | ECMW-QMS-005           |        |          |
| 2.8 Close-out requirements documented?   | ECMW-QMS-005           |        |          |
| 2.9 Attend pre-job with union rep?   | ECMW-QMS-005           |        |          |
| 2.10 All permits and licenses in place?  | ECMW-QMS-005           |        |          |
| <b>2.11</b> Hazardous and Non-Hazardous waste addressed?                             | ECMW-QMS-005           |        |          |
| <b>2.12</b> Documents ECMW-QCD-003 and ECMW-QCD-007 completed for this phase?        | ECMW-QMS-005           |        |          |
| 3.0 Project Management Phase:  |                        |        |          |
| <b>3.1</b> Archived all critical documentation according to checklist MW-QCD-008?    | ECMW-QMS-005           |        |          |
| 3.2 Project Schedule updated?  | ECMW-QMS-005           |        |          |
| 3.3 Invoices prepared and sent?  | ECMW-QMS-005           |        |          |

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| <b>3.4</b> Subcontractor and Vendor invoices compiled and approved?       | ECMW-QMS-005           |        |          |
| 3.5 Document singed Change Orders?  | ECMW-QMS-005           |        |          |
| <b>3.6</b> Reviewed and documented daily time sheets?                     | ECMW-QMS-005           |        |          |
| <b>3.7</b> Review material shipments for accuracy?                        | ECMW-QMS-005           |        |          |
| <b>3.8</b> Was checklist ECMW-QCD-003 completed for this phase?           | ECMW-QMS-005           |        |          |
| <b>4.0</b> Project Closure Phase:   |                        |        |          |
| <b>4.1</b> Punch List/Closeout made and reviewed with foreman/supervisor? | ECMW-QMS-005           |        |          |
| <b>4.2</b> Review results with senior management?                         | ECMW-QMS-005           |        |          |
| 4.2.1 Profit/Loss?  | ECMW-QMS-005           |        |          |
| 4.2.2 Customer Satisfaction?  | ECMW-QMS-005           |        |          |
| <b>4.2.3</b> Safety?  | ECMW-QMS-005           |        |          |
| 4.2.4 Field employee performance?   | ECMW-QMS-005           |        |          |
| <b>4.2.5</b> Subcontractor and Supplier performance?                      | ECMW-QMS-005           |        |          |
| <b>4.2.6</b> Job estimate compared to actual?                             | ECMW-QMS-005           |        |          |
| <b>4.3</b> Were final lien waivers in before payment?                     | ECMW-QMS-005           |        |          |
| 4.4 Obtain final retainage payments?                                      | ECMW-QMS-005           |        |          |
| <b>4.5</b> Complete ECMW-QCD-003 for this phase?                          | ECMW-QMS-005           |        |          |

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