# F.E. QUALIFICATION PERFORMANCE REPORT

**Independent Assurance Information**

Employee Name:      Contract No.:

(or) Employee TIN:      District:

Resident Office:      Date:

Location:

**Summary of Areas Reviewed:**

Contract Administration:

Earthwork:

Asphalt:

 Concrete:

 Value Added/Warranties:

**Summary of Observations:**

**If results were unsatisfactory, indicate action taken:**

[ ]  1st Action: Results Documented. (cc: Employee, and Resident Engineer (RE).

[ ]  2nd Action: Results Documented. (cc: Employee, RE, and District Final Estimates Manager (DFEM)

[ ]  3rd Action: Results Documented and FE Level II Revoked (cc: Employee, Supervisor, RE, DFEM, State Final Estimates Engineer (SFEE), and District Construction Engineer (DCE).

**Independent Assurance Observer Attachment**: FE Checklist

# FINAL ESTIMATES CHECKLIST (DFEO Checklist for IA Reviews)

| **ITEMS CHECKED** | **REFERENCES** | **P** | **F** | **N/A** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
| Contract Administration |
| 1. Contract Documents, Contract Plans, Special Provisions, etc. available
 | CPAM 5, RAM | [ ]  |[ ] [ ]        |
| 1. Plan Summary Boxes/Estimated Quantities Report
 |
| 1. Price adjustments applied and shown
 | Specifications |[ ]  [ ]  | [ ]  |       |
| 1. Final quantities summarized within 30 days of pay item closeout
 | CPAM 5.12 |[ ]  [ ]  | [ ]  |       |
| 1. Cross-reference all data that supports the final quantity
 | CPAM 5.13 |[ ]  [ ]  | [ ]  |       |
| 1. Thickness adjustments applied and shown
 | Specifications 285 and 350 |[ ]  [ ]  | [ ]  |       |
| 1. Method of payment verification (Plan Quantity, Final Measure, or Lump Sum)
 | Contract Specific SpecificationsSpecification 9-1Basis of Estimates Manual |[ ]  [ ]  | [ ]  |       |
| 1. All Final Estimates documentation and back up in EDMS or Collaboration Site, as applicable (i.e., Field Records, Plan Quantity Analysis, Etc.)
 |  CPAM 5 |[ ]  [ ]  | [ ]  |       |
| 1. Original EQR and Revisions in EDMS or Collaboration Site
 | CPAM 5.13EDMS Quick Reference |[ ] [ ] [ ]   |
| 1. Final As-Built Plans
 |
| 1. Updated as project progresses
 | CPAM 5.12 |[ ] [ ] [ ]        |
| 1. All field revisions identified within 30 days of the change. Marked up in red font. All EOR revisions placed appropriately per Section 5.12 of CPAM.
 | CPAM 5.12 |[ ] [ ] [ ]        |
| 1. Voided sheets identified and in the correct order.
 | CPAM 5.12 |[ ] [ ] [ ]        |
| 1. Bridge Plans
 |   |[ ] [ ] [ ]        |
| 1. Load Ratings recorded on appropriate forms and submitted with Plans
 |  CPAM 5.12 |[ ] [ ] [ ]        |
| 1. Drill Shaft Inspection records submitted with Plans
 |  CPAM 5.12 |[ ] [ ] [ ]        |
| 1. Pile Driving Log certified and submitted
 |  CPAM 5.12 |[ ] [ ] [ ]        |
| 1. Contract Time
 |
| 1. All time extensions reflected on Form 28
 | CPAM 5.11 |[ ] [ ] [ ]        |
| 1. Overrun in contract time reflected in LDs/disincentive charged on progress estimate
 | CPAM 5.11, Specifications | [ ]  |[ ] [ ]        |
| 1. Deduction made for late contract execution
 | Specification 3-6 |[ ] [ ] [ ]        |
| 1. Contractor’s Certifications - Payment based on Certification of Quantities received monthly:
 |
| 1. Bituminous Certification (All Projects)
 | CPAM 5.14 |[ ] [ ] [ ]        |
| 1. Fuel Certification (LS/DB Projects). For Conventional, done in PrC
 | CPAM 6.2 |[ ] [ ] [ ]        |
| 1. MOT Signs, etc. & Traffic Markings Certifications (Conventional Projects only)
 | CPAM 5.14 |[ ] [ ] [ ]        |
| 1. All other monthly certifications pertaining to the progress estimate and monthly payment
 | CPAM 5.11 |[ ] [ ] [ ]        |
| 1. Materials
 |
| 1. Check all deficiencies in Certification of Materials as they are turned in. (Have you addressed this on pay estimates?)
 |   |[ ]  [ ]  |[ ]        |
| Earthwork |
| 1. Pre-construction work
 |
| 1. If cross-section waiver was requested, was it approved prior to clearing & grubbing?
 | CPAM 5.16 |[ ] [ ] [ ]        |
| 1. Bench loop performed, documented, and verified.
 | CPAM 5.16 |[ ] [ ] [ ]        |
| 1. Errors in vertical control data detected in the initial benchmark loop verification field notes with results forwarded to the contractor?
 |   |[ ] [ ] [ ]        |
| 1. Has verification of existing surfaces been recorded appropriately prior to any clearing & grubbing?
 |  CPAM 5.16 |[ ] [ ] [ ]        |
| 1. Errors in cross-sections detected and was the contractor notified?
 |   |[ ] [ ] [ ]        |
| 1. If paying by truck measurements, has a list of trucks with their assigned numbers and their certified capacity been provided?
 | CPAM 5.14 |[ ] [ ] [ ]        |
| 1. During Construction work:
 |
| 1. Have all temporary benchmarks used during subsoil excavation been properly referenced using the Final Measurement Miscellaneous form? Is there any reference to the original Benchmark (BM)?
 |   |[ ] [ ] [ ]        |
| 1. If extra depth subsoil encountered and excavated, have calculations been made for accurate payment for additional material?
 | CPAM 5.16 Specification 120-14.2.3 |[ ] [ ] [ ]        |
| 1. After Completion of Earthwork:
 |  |  |  |  |  |
| 1. Have all adjustments to embankment due to subsoil excavation overruns or underruns been made?
 |   |[ ] [ ] [ ]        |
| 1. Ensure subsoil excavation that exceeds the limits of authorized excavation has not been paid and embankment quantity has not been adjusted.
 |   |[ ] [ ] [ ]        |
| 1. Have all changes to final earthwork been indicated on Final As-Built Plans, and/or cross-section plots included?
 |   |[ ] [ ] [ ]        |
| Asphalt |
| 1. Conventional Projects
 |  |  |  |  |  |
| 1. Does the LOT submittal package have all supporting documentation?
 | CPAM 11.1 |[ ] [ ] [ ]        |
| 1. Do the tonnage tickets match the Contractor’s Quality Control reports?
 | CPAM 11.1 Attachment 11.1-5B  |[ ] [ ] [ ]        |
| 1. Unit price adjustment for each composite pay factor adjustment? Paid on the monthly estimate after lot closes with verified LOT package?
 | CPAM 11.4 |[ ] [ ] [ ]        |
| 1. Asphalt Pay item paid per Specifications (up to 110% adjustments) made on the monthly estimate
 | Specifications 234, 285, 287, 334, 337, 339 |[ ] [ ] [ ]        |
| 1. Have pay reductions been assessed?
 | Specifications |[ ] [ ] [ ]        |
| 1. Roadway As-Built Pavement data submitted appropriately (QCRR)
 | CPAM 11.4 |[ ] [ ] [ ]        |
| 1. Alternative Contracts (LS and DB)
 |  |  |  |  |  |
| 1. Is there a LOT Submittal Package for each adjustment to the lump sum price based on the composite pay factor worksheet?
 | CPAM 11.1 |[ ] [ ] [ ]        |
| 1. Fuel & Bituminous adjustments in accordance with Contract?
 | Specifications 9-2.1.1 and 9-2.1.2 |[ ] [ ] [ ]        |
| 1. Are monthly payments shown on the Schedule of Values (SOV)?
 | CPAM 6.2 |[ ] [ ] [ ]        |
| 1. Asphalt Adjustments up to 110% per Specifications?
 | Specifications 234, 285, 287, 334, 337, 339 |[ ] [ ] [ ]        |
| 1. Any pay reductions? Have they been assessed per Specifications?
 |   |[ ] [ ] [ ]        |
| Concrete (Foundations, Substructure, and Superstructure) |
| 1. Records
 |  |  |  |  |  |
| 1. Structural - Are low strength failure pay reductions calculated according to Contract?
 | Specification346-11.3 |[ ] [ ] [ ]        |
| 1. Structural – Are pay reductions for plastic properties calculated according to the contract?
 | Specification346-12 |[ ] [ ] [ ]   |
| 1. Class NS - Compressive Strength Certification and Acceptance recorded?
 | Specification 347 |[ ] [ ] [ ]   |
| 1. Thickness adjustments applied for Concrete Pavement?
 | Specification 350-20 |[ ] [ ] [ ]   |
| 1. Adjustments for surface smoothness applied to the Grinding Concrete Pavement pay item?
 | Specification 352-8 |[ ] [ ] [ ]   |
| 1. Have other applicable adjustments to unit price been made per the Contract Documents?
 |   |[ ] [ ] [ ]        |
| 1. Piling verification
 |  |  |  |  |  |
| 1. Authorized pile lengths provided?
 | Specification 455-5.15.3 |[ ] [ ] [ ]        |
| 1. Payments for preformed holes, buildups, splices, re-drives, and set checks documented in pile driving records and related to payment according to specifications?
 | Specification 455CPAM 10.1Specification 4-1 |[ ] [ ] [ ]        |
| 1. Elevations/benchmarks documented on each form. Pile driving forms signed?
 |  |[ ] [ ] [ ]        |
| 1. Drilled Shafts
 |
| 1. Have the applicable adjustments in payment been made per the Contract Documents? Drilled Shaft Logs signed?
 | Specification 455-23CPAM 5-15CPAM 10-1 |[ ] [ ] [ ]        |
| Value Added Features (Warranties) entered into PrC and CIM (CPAM 8.14) |
| 1. Asphalt pavement
 | Specification 338 |[ ] [ ] [ ]        |
| 1. Concrete pavement
 | Specification 355 |[ ] [ ] [ ]        |
| 1. Bridge deck expansion joints, other bridge warranties
 | Specification 475 DB Only |[ ] [ ] [ ]        |
| 1. Coatings
 | Specification 475 DB Only |[ ] [ ] [ ]        |
| 1. Bridge electrical/ lighting system
 | Specification 475 DB Only |[ ] [ ] [ ]        |
| 1. Bearing devices
 | Specification 475 DB Only |[ ] [ ] [ ]        |
| 1. Bridge drainage system
 | Specification 475 DB Only |[ ] [ ] [ ]        |
| 1. Design Build warranty (complete project)
 |  |[ ] [ ] [ ]        |
| 1. ITS warranty
 | Specification 715 |[ ] [ ] [ ]        |
| 1. Landscape installation
 | Special Provision 580 |[ ] [ ] [ ]        |
| 1. Post construction warranty (add-on)
 |  |[ ] [ ] [ ]        |
| 1. Traffic markings
 | Specification 701-713 |[ ] [ ] [ ]        |
| 1. Performance turf
 | Specification 570 |[ ] [ ] [ ]        |
| 1. Aluminum Poles, pedestals, and Posts
 | Specification 646 |[ ] [ ] [ ]        |
| 1. Galvanized Steel Strain Poles, Mast Arms and Monotube Assemblies
 | Specification 649 |[ ] [ ] [ ]        |
| 1. Building warranties
 |  | [ ]  |[ ] [ ]        |
| 1. Other
 |  |[ ] [ ] [ ]        |