

ADMINISTRATIVE PROCEDURES

**FOR
DEPARTMENT OF GENERAL SERVICES
CONSTRUCTION CONTRACTS**



pennsylvania
DEPARTMENT OF GENERAL SERVICES

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**DEPARTMENT OF GENERAL SERVICES
BUREAU OF CONSTRUCTION
ADMINISTRATIVE PROCEDURES**

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ADMINISTRATIVE PROCEDURE NO. 1

ORIENTATION MEETING

A. Scheduling of Orientation Meeting

Within ten (10) days of the Effective Date of the Contract, (or earlier if authorized in a Letter of Intent) the Construction Project Coordinator will contact the Contractor(s) to schedule an Orientation Meeting to familiarize the Contractor(s) with Departmental procedures and processes.

At DGS' discretion, Contractors are required to attend the scheduled Orientation Meeting. Notification of the meeting date, time and place will be confirmed by email. Personnel from the Contractor's office that will be associated with the Project, such as the principal of the firm, project manager and project superintendent **must attend** the meeting.

B. Agenda for Orientation Meeting

1. Introduction of personnel by Construction Project Coordinator
2. Explanation of Administrative Procedures and DGS' processes and forms in e-Builder.
3. Question and answer period.

ADMINISTRATIVE PROCEDURE NO. 2

JOB CONFERENCES

A. General Information Concerning Job Conferences

1. The following representatives **must attend** Initial, Regular and Special Job Conferences**:

- All Prime Contractors (i.e., assigned Project Manager and approved Superintendent)
- Professional Representative
- DGS Construction Assistant Project Coordinator

** **Special Job Conferences are scheduled by the Construction Regional Director or designee.**

2. Unless DGS direct otherwise, the following representatives may attend any Job Conference, but are not required to be present:

- Client Agency
- Facility personnel
- Testing Laboratory Technicians
- Bureau of Capital Projects Design, as required
- DGS Construction Project Coordinator
- Other representatives, as appropriate (determined by DGS)

3. The Bureau of Construction shall appoint a person to take the minutes of the Job Conferences. The minutes shall upload to e-Builder before the next Job Conference.

4. Failure to attend any Job Conference is a violation of the Contract as indicated in the General Conditions of Contract. Any Contractor who does not attend the Job Conference is subject to termination, unless absence is excused by the Bureau. The Department may issue a credit change order to any Prime Contractor who does not attend and is not excused from any Job Conference.

B. Initial Job Conference

1. The Bureau of Construction's Project Coordinator or designee will set the time, date and place for the Initial Job Conference, which will be no later than the thirty (30) days following the Effective Date of the Contract.

2. The Notice initiating the Conference shall be distributed to all parties through the e-Builder project calendar.

3. The date of the Initial Job Conference will signify the Contract Start Date for purposes of calculating the Contract Completion Date.

a. If a Letter of Intent was issued on the project, Contractors are required to proceed with the off-site scope of Work set forth in the letter. On-site Work may start only when the contract is fully executed.

b. Contractors are required to commence on-site work within ten (10) days after the Initial Job Conference.

4. During the Initial Job Conference, the DGS Project Coordinator or designee shall conduct the order of business and discuss specific requirements and particulars of project construction.

5. Distribution of the Initial Job Conference Report will be made through e-Builder.

6. Agenda for the Initial Job Conference

- a. Introduction of attendees.
- b. Review of Special Requirements, which may include all, some, or none of these examples:

- (1) Protection of the Environment
- (2) Asbestos
- (3) Parking
- (4) Office for Contractor(s)
- (5) Field Office
- (6) Temporary Heat
- (7) Existing Utilities
- (8) Working Hours
- (9) Operation and Maintenance Instructions/Manuals
- (10) Small Diverse Business and Veteran Business Enterprise Programs
- (11) Contractor Integrity Provision
- (12) Debarment, Suspension and Other Responsibilities
- (13) Excavation
- (14) Roof Deck
- (15) Product Discrimination
- (16) Mobilization
- (17) Steel Products Procurement Act
- (18) Insurance Coverage
- (19) Privity of Contract
- (20) Public Works Employment Verification Act
- (21) Other

c. General Remarks

- (1) Safety
- (2) Discrepancies
- (3) Coordination

d. General Information

- (1) Project Sign
- (2) Roof Bond/Warranties
- (3) Concrete
- (4) As-Built Record Drawings
- (5) Project Supervision
- (6) Miscellaneous

e. Permits, Fees, Notices

f. Establishment of date, time and location of the first Regular Job Conference

g. Review of General Conditions

h. General Comments

C. Regular Job Conference

- 1. Job Conferences may be held as often as necessary, however, in no case less than bi-weekly.

2. The DGS Construction Assistant Project Coordinator, or designee, shall conduct bi-weekly Job Conferences. These bi-weekly Job Conferences shall be attended by those described at the beginning of this Administrative Procedure.
3. The agenda of a Regular Job Conference shall include, at a minimum, the following:
 - a. General Review of Previous Report
 - i. Unsatisfactory conditions and/or workmanship, as noted on previous Job Conference Reports, must be noted when corrected by the Contractor in the minutes of the first report following the correction. The manner in which the correction was made should also be noted in the minutes. The unsatisfactory item will be included as an item in each report until the issue is corrected.
 - b. General discussion of Job Conditions
 - c. Review of past due Shop Drawings
 - d. Review of outstanding Change Orders
 - e. Review of Progress Schedule
 - i. Special attention will be given to items that are behind schedule.
 - f. Projected work for the next bi-weekly period
 - g. Delays
 - i. Each Prime Contractor should pay special attention to ensure that delays are documented on the Job Conference Reports since the Department will review the minutes of the Job Conferences in reviewing the Contractor's request for any Extension of Time.
 - h. General Information will be inserted onto the written Job Conference Reports, such as, percentage of elapsed time for project, percentage of payment for project, percentage of job completion for project (based upon physical inspection), date, time and place of next job conference and name of person who prepared the Report.
4. Job Conference Reports will be distributed through e-Builder.

D. Special Job Conferences

1. The Construction Regional Director or other DGS representative may call a Special Job Conference to consider any emergency or unusual job condition. Only the subject(s) mentioned in the request for the Special Job Conference shall be discussed.

ADMINISTRATIVE PROCEDURE NO. 3

SCHEDULE OF VALUES

- A. The Schedule of Values shall be prepared and submitted by each Contractor through e-Builder for the Department's and the Professional's approval **within 45 days of the Effective Date of the Contract and prior to the first Invoice, unless required to be submitted earlier in a Letter of Intent issued by DGS.**
- B. The DGS Assistant Project Coordinator, the DGS Project Coordinator, and the Professional will review and provide comments through e-Builder. Contractors are advised that a **minimum of 10 work days** after the receipt of the submission will be required by the Department for review and approval of the Schedule of Values or Supplemental Schedule of Values.
- C. No Invoice will be approved by the Assistant Project Coordinator until the Schedule of Values has been approved In e-Builder.
- D. The Schedule of Values, when approved by the Department, will be utilized as the basis for the Contractor's Invoices. The Schedule of Values may also be used by the Department to determine the debit or credit to the Department resulting from changes in the work.
- E. General Information
1. Items must be listed according to building or area.
 2. Temporary services and/or equipment furnished at the Contractor's cost that are not an integral part of the Project may not be shown on the Schedule of Values. The cost of these items (with the exception of temporary heat) must be prorated throughout the items of Work, material and/or equipment to which it pertains.
 3. Contract Bond shall be shown as an item. The bond may not exceed the Contractor's percent/amount of their bond receipt. The receipt for the bond must be submitted with the original Schedule of Values.
 4. The Roof Bond/Guaranty must be a separate item, when applicable.
 5. The Contractor may include in its Schedule of Values a single line item for Mobilization. Mobilization costs shall be limited to include only those items listed in the Mobilization Paragraph of the General Conditions of Contract. For contracts equal to or less than \$6,000,000, the Contractor may include on the cost breakdown a line item for mobilization costs listed at 1.5 percent of the contract award amount, not to exceed \$90,000. For contracts exceeding \$6,000,000, mobilization costs in excess of \$90,000 will be determined by negotiation prior to submission of the breakdown.
 6. Excavation and backfill must be shown as separate items. If hand excavation is required, it must also be separately listed. All excavation and backfill quantities shall be indicated in cubic yard units. If there is no backfill, an explanation must be provided.
 7. Concrete for structures is to be indicated in cubic yard units. Concrete sidewalk and concrete paving may be indicated as square yard units. All unit prices for concrete work are to include forming. Forming may not be indicated as a separate line item.
 8. Painting must be listed as a separate item in square feet. Lump sum costs will not be accepted.
 9. "Furnish" or "Install" are not to be used as part of the description of a line item. Procurement and installation costs must be included in the line item of work. The only exception shall be in cases where materials or equipment are furnished by the owner or using agency for installation by the contractor.
 10. "Demolition" is to be followed in parenthesis indicating the item to be demolished.
 11. Scaffolding is not to be shown as a separate line item, but is to be included in the item with which it is associated.

12. Site surveying, as a line item, is permitted only for the General Contractor.
13. Engineering of plans is not permitted as a line item.
14. The HVAC Contractor may show sheet metal work as two items, i.e., (a) Sheet metal shop drawings; and, (b) Sheet metal fabrication and installation. Shop drawings must be shown at actual cost and as one lump sum/line-item. Shop drawings must be approved prior to being invoiced on an Invoice. When the Contractor requests payment for shop drawings, a copy of the subcontractor's invoice, if a subcontractor is used for that item, must be attached to the Invoice in e-Builder.
15. When balancing of heating and ventilating systems is required by the specifications, it shall be shown as a separate item.
16. Costs retained for Commissioning, as described in the General Conditions, must appear as a separate line item in the amount described in the Contract Documents.
17. Lump Sum items cannot be paid until the item is completely finished, inspected, and accepted by the Department, except on unit price projects, where lump sum items can be paid based upon the percentage completed.
18. Operation and Maintenance Manuals shall be indicated as one line item. The value shall be not less than ten percent (10%) of the amount included for mobilization. The amount included is subject to the approval of the Director of Construction.
19. Record Drawings shall be indicated as one line item. The value shall be not less than ten percent (10%) of the amount included for mobilization. The amount included is subject to the approval of the Director of Construction.
20. Site work shall be identified for each applicable line item. Site work includes, but is not limited to, site preparation, erosion and sediment controls, earth work, grading, excavation, landscaping, seeding, concrete or bituminous paving, sidewalks, and any site utility (e.g., water, gas, sewer, etc.) work.
21. A supplemental Schedule of Values for those items listed as Lump Sum on the original approved Schedule of Values may be submitted at a later date, indicating quantity, unit price and extensions for all items to be furnished and installed under each Lump Sum item. Lump Sum items should be kept to a minimum. Supplemental breakdowns cannot be submitted on items where partial payment has been made.
 - a. **Items to be subcontracted must be designated by the word "subcontractor."**
 - b. Descriptions shall be clear and concise for each item of work, material or equipment, using the same designation as the specifications. All items (examples: concrete masonry units, conduit, pipe fittings, wire, cable, etc.) must be listed by type and size to be installed.
 - c. Temporary heat, if required by the Contract Documents, must be shown on the breakdown as a separate line item. This item will be shown as the last item on the Schedule of Values and must include the number of days specified in the Special Requirements, the Unit Price per twenty-four hour day, and the extension of the figures. **Any adjustment to the number of days of temporary heat, used or not, will be based on the Unit Price shown on the breakdown.**
 - d. Items listed in the index of the specifications must be included, in chronological order, on the breakdown. Additional items may be listed at the Contractor's discretion. Do not utilize alpha-numeric numbering except in cases where supplemental breakdowns are submitted.
 - e. Unit price proposals are an exception to the above procedures. Unit price proposals must be reflected on the breakdown sheet in the same amount and in the same order as in the Contract.

ADMINISTRATIVE PROCEDURE NO. 4

PROJECT SCHEDULE and CRITICAL PATH METHOD (CPM) SCHEDULING

A. General Information on Project Scheduling

The Lead Contractor shall be responsible for coordinating the schedule among the Contractors, as described in detail in the General Conditions. The Project Schedule shall be a CPM Schedule developed, prepared and submitted through e-Builder in accordance with the same requirements and time frames as required by the General Conditions of the Construction Contract and the requirements of this Administrative Procedure.

1. The CPM Scheduling system is to be implemented by the Lead Contractor, utilizing the services of a qualified subcontractor or its own in-house staff. The subcontractor or Contractor, if utilizing in-house staff, must provide evidence to the Department's satisfaction, that the Contractor or subcontractor has computer hardware and software which is standard in the industry for CPM scheduling. The Contractor/subcontractor and must also provide evidence of at least five years scheduling experience with projects of the same size and nature.
2. In no event shall any activity indicated on the Schedule exceed a 20-day duration unless authorized by the Department.
3. **Within seven (7) days of the Effective Date of the Contract (or earlier if authorized in a Letter of Intent)**, the Lead Contractor on the Project shall furnish each separate Prime Contractor a schedule of the proposed prosecution of the Work under that Prime Contractor's Contract.
4. **Within seven (7) days of receipt of the Lead Contractor's proposed progress schedule**, each separate Prime Contractor shall submit to the Lead Contractor a schedule of the proposed prosecution of its Work, which shall be integrated with the Lead Contractor's Work.
5. **No later than forty-five (45) days after the Effective Date of the Contract**, the Lead Contractor shall (in accordance with the scheduling provisions of the General Conditions) submit through e-Builder the Integrated Progress Schedule signed by all Prime Contractors (indicating their approval of the contents of the Schedule).
6. **Within seven (7) days of receipt of the Schedule from the Lead Contractor**, the Construction Regional Director or designated representative and the Professional will review and accept/reject through e-Builder.
7. The construction sequences, activity duration and logic utilized in the development and preparation of the Schedule shall result in an as-planned schedule that must meet the Contract Completion Date set forth in the Contract Documents.
8. Each Prime contractor shall be responsible for providing a daily report of all work performed each day on the project until project close-out. This report shall include, but is not limited to: the Prime Contractor's numerated work force and related work activities performed, the Prime Contractor's numerated sub-contractors' workforce on site (of all tiers) and related work activities performed, equipment on site, testing performed, weather conditions (high and low temperatures, precipitation, etc.), material deliveries and L&I inspection activities. Each daily report shall be uploaded via e-Builder within 24 hours of each work day. If no work is performed, a daily report shall be submitted stating no work was performed. Submission of this daily report shall not preclude or waive the need to address issues and activities that shall be addressed within the contract documents via required processes and/or forms. **Failure of a Prime Contractor to submit timely, consistent and accurate daily reports shall be considered a non-conformance of the contract and shall be handled in a manner defined by the Contract Documents.**

9. All Work is to be completed in accordance with the accepted Master Project Schedule. The Master Project Schedule will reflect the decisions of all Contractors as to sequence, duration, construction logic and all means and methods of construction.
10. **The Department will only review and pay (if the application is otherwise acceptable) the Contractor's first Invoice without a Master Project Schedule being submitted and accepted by the Department. No further Applications for Payment will be accepted from any Contractor until the Department has accepted the Master Project Schedule. Since it is the Contractors' affirmative duty to coordinate the Work and prepare the Master Project Schedule, any delay to the Project due to not having an acceptable Master Project Schedule will be attributable to the Contractors.**
11. Activity time delays shall not automatically mean that an extension of time is warranted or due any Prime Contractor. A contract modification or delay may result in only absorbing a part of the available total float that may exist within an activity or chain of activities, therefore, the modification or delay may not affect existing critical activities, interim milestone dates or cause non-critical activities to become critical.
12. The Department owns the float. No float shall be used by the Contractor without a written request and subsequent directive from the Department or its designee. Total float is defined as the amount of time between the early start date and the late start date, or the early finish date and the late finish date, for each and every activity in the Master Project Schedule. Extensions of time to interim milestone dates or the Contract Completion Date under the various contracts will be considered only to the extent that equitable time adjustments to the activity or activities affected by the contract modification or delay exceeds the total float of the affected or subsequent paths and extends any interim milestone date or the Contract Completion Date.
13. General Information
 - a. List items of construction as they will be installed. When more than one building, level or floor is included, each building, level or floor shall be listed separately. The Master Project Schedule **must also include** critical submittals, submissions of shop drawings for approval, approval of shop drawings, placing of orders for materials and delivery of materials.
 - b. Each Prime Contractor is responsible for assuring that any and all subcontract work as well as its own work is included in the schedule.
 - c. The Master Project Schedule shall reflect Early Start/Early Finish Dates, Late Start/Late Finish Dates and available Float or Slack time for each and every activity.
 - d. From the activities of the various contracts critical to the Scheduled Completion Date, the Lead Contractor shall identify and incorporate construction progress milestones for the Project into the Master Project schedule, in accordance with the General Conditions of Contract. Unless the Contract Documents state otherwise, the milestones are to signify the start date of a specific activity that is critical to the completion of the project on schedule. **Each contractor must show at least one milestone in each month of the scheduled construction period.**

ADMINISTRATIVE PROCEDURE NO. 5

**MATERIALS TESTING (ALL ITEMS-GENERAL REQUIREMENTS)
LABORATORY SAMPLE OR FIELD TEST IDENTIFICATION**

**MATERIALS TESTING (SELECTION OF TESTING LABORATORY)
CONCRETE TESTING (APPROVAL OF MIX COMPUTATIONS)
CONCRETE MIX COMPUTATION**

**INVOICE AND BILLING FOR PROFESSIONALS AND TESTING
LABORATORIES
MANUFACTURERS' HIGH VOLTAGE CABLE TEST (BIRTH CERTIFICATE)
FIELD HIGH VOLTAGE CABLE TEST
HVAC SYSTEMS BALANCING**

A. Materials and Concrete Testing Performed by the Contractor (General Requirements)

The Contractor shall:

1. Give the Department and the Professional timely notice in e-Builder of its readiness and of the date arranged, so the Professional may observe such inspection or testing.
2. Bear all costs of such inspections and tests, unless otherwise provided. All expenses incurred in the collecting, packing and delivering of samples of materials or equipment to or from the site or laboratory will be paid by the Contractor, unless otherwise noted in the General Conditions, Specifications or Contract Drawings.
3. All testing information shall be placed into the e-Builder Material Testing process. This shall include all test reports and entering select data and information from the test reports into the e-Builder Material Testing process.
4. For all concrete testing, the test reports and the following information and/or data must be entered into e-Builder (a separate process in e-Builder must be initiated for each test/sample):
 - a. Placement Date;
 - b. Design Strength;
 - c. Ambient temperature;
 - d. Slump;
 - e. Air Content percentage;
 - f. Temperature of Concrete;
 - g. Who took the test/sample;
 - h. Where are cylinders being cured;
 - i. Name of Approved testing laboratory;
 - j. 3 Day Break Strength;
 - k. 7 Day Break Strength;
 - l. 28 Day Break Strength; and
 - m. 56 Day Break Strength,
5. A Laboratory Sample or Field Test Identification shall accompany each sample to be tested.

6. When testing concrete cylinders, each cylinder shall be numbered consecutively and prefaced for design mix tests, precast concrete and pre-stressed concrete. The type of cylinder shall be noted on the form as follows:

DM - Design Mix
PC - Precast Concrete
PS – Pre-stressed Concrete

7. Cylinders for concrete other than the above will not be prefaced. Approved samples to be incorporated into the work shall be returned to the site by the Testing Laboratory.

The Professional shall:

1. Secure, review, and approve/reject all submitted testing information and data through e-Builder.

B. Materials Testing (Selection of Testing Laboratory)

- A. When the Department is paying for the testing of materials, the DGS Design Project Manager will notify the Professional in e-Builder to seek cost quotes to perform the required testing. The Professional will submit the name of the laboratory it has selected to the DGS Design Project Manager. If the DGS Design Project Manager approves the selection, they will authorize the Professional in e-Builder to contract with the laboratory selected. Contractors will be notified of this selection at the Initial Job Conference by the Professional.
- B. When the Professional is providing testing, they shall follow the same process as noted above for placing all information into e-Builder.
- C. When the Contractor is responsible for testing, the Contractor will select an independent testing laboratory. The Contractor must notify all parties concerned of the selection at the Initial Job Conference.

C. Concrete Testing (Approval of Mix Computations)

1. The Contractor shall use the e-Builder submittal process to enter all mix computation information.

D. Manufacturer's High Voltage Cable Test Report (Birth Certificate)

1. The Contractor will ensure the Cable Test Report (Birth Certificate) is in compliance with the Contract Documents. The Contractor shall submit all testing information through the e-Builder Material Testing process. This shall include attaching all test reports and entering select data and information from the test reports into the e-Builder Material Testing process.
2. The Professional will review and approve/reject the report for compliance with the Contract Documents through e-Builder.
3. High Voltage Cable may not be installed until the Manufacturer's Cable Test Reports are approved by the Professional.
4. If the report is rejected by the Professional, the report will be returned to the Contractor through e-Builder with an explanation.

E. High Voltage Cable Field Test Report

1. The Contractor shall submit all testing information into the e-Builder Material Testing process. This shall include all test reports and entering select data and information from the test reports into the e-Builder Material Testing process.
2. The Professional shall review the report for compliance and approve/reject the report through e-Builder .,

3. Payment for High Voltage Cable will be made only after the Manufacturer's Test Report is approved, cable is installed and the Field Test Report is approved by the Professional and reviewed by the Department.
4. If the report is rejected, the Professional shall return it to the Contractor through e-Builder with an explanation.

F. **HVAC Systems Balancing Report**

1. The Contractor shall upload all testing and balancing information into the e-Builder Material Testing process. This shall include attaching the final balancing report and entering select data and information into e-Builder.
2. The Professional shall, upon receipt of the Balancing Report from the Contractor, review it for compliance with balancing procedures and the Contract Documents. The Professional will review the report for compliance and approve/reject through e-Builder.
3. If the report is rejected, the Professional shall return the report to the Contractor through e-Builder with an explanation.
4. Payment for test and balancing will not be made until the report(s) are approved by the Professional.

ADMINISTRATIVE PROCEDURE NO. 6

SUBMITTALS

- A. Each Prime Contractor shall prepare and submit to the Lead Contractor through e-Builder a **Draft Submittal Schedule** showing all items requiring submission including, but not limited to the items listed on the Submittal Register. The **Submittal Schedule** shall be prepared in accordance with the Submittal Article of the General Conditions. All critical and long lead submittal items from the **Submittal Schedule** shall then be integrated by the Lead Contractor and tied to the logic of activities in the Master Project Schedule.
- B. Each Prime Contractor's draft Submittal Schedule (to be submitted to the Lead Contractor) shall include the following as a minimum:
1. Submittal breakdown by Specification Section number and division;
 2. Scheduled date for initial submittal of item; and
 3. Days required after return of an approved submittal to order, fabricate and deliver the specific item to the site.
- C. If the development of the **Submittal Schedule** affects the construction sequencing, durations, logic or any other aspect of the Project Schedule, including established milestones, the Lead Contractor, in concert with the other Prime Contractors, shall make any necessary revisions to the Project Schedule. The contract completion date will not be adjusted as a result of these revisions. Review and acceptance of this revised integrated Progress Schedule, by the Department and Professional, shall follow the procedures established in Project Schedule Administrative Procedure. The Contractor shall also provide an explanation detailing the reasons for the revision and the activities affected in the letter of transmittal.
- D. The Professional will review and approve/reject/other all submittals through e-Builder and place its appropriately worded stamp on the submittal. Accepted language is Approved, Approved as Noted, For Record Only, Not Approved, and Revise and Resubmit.
- E. The Contractor shall make any corrections required by the Professional and shall resubmit shop drawings or new samples until approved. The resubmission shall be acted upon by the Professional **within ten (10) days of its receipt**, unless a different period of time is approved by the Department. The resubmission of submittals by the Contractor and subsequent review by the Professional shall be in accordance with the General Conditions of Contract.
- F. **Any work commenced by the Contractor prior to final approval of the submittals by the Professional is performed by the Contractor at its own risk.**

ADMINISTRATIVE PROCEDURE NO. 7

CONTRACTOR'S INVOICE PREVAILING MINIMUM WAGE CERTIFICATE (DAVIS-BACON ACT) INVOICE OF LABOR, MATERIALS/EQUIPMENT PAYROLL AFFIDAVIT, CONTRACTOR'S CERTIFICATE AND STATEMENT OF SURETY, POWER OF ATTORNEY STORED MATERIALS

A. General Information

1. Contractor's Invoices shall be created and submitted and processed through e-Builder in accordance with the Payment Article of the General Conditions and this Administrative Procedure.
2. No Invoice will be processed until the Schedule of Values, has been approved.
3. An Invoice will not be processed unless the SDB/VBE Utilization Report (See AP 13) has been submitted within 30 days prior to the Invoice.
4. When an Invoice is received, the DGS Construction Assistant Project Coordinator shall process the invoice within the e-Builder Invoice Process. The DGS Construction Assistant Project Coordinator **has five calendar days, from this date, to review and take action in e-Builder.**
5. In accordance with the Prompt Payment Schedule (62 Pa. C.S. §3931-§3939) the Department shall make payment **within forty-five (45) calendar days of the date the Invoice is received in a complete and acceptable format.** The time does not start until the invoice is accepted by the Department. For purposes of calculating the forty-five calendar days, the start date will be the day on which the Assistant Project Coordinator accepts the Invoice.

B. Prevailing Minimum Wage Certificate or Davis-Bacon WH-347

- A. The Prevailing Minimum Wage Certificate must be completed, by the Contractor, and attached to each Invoice in e-Builder to certify compliance with the payment of Prevailing Minimum Wages as required by the Contract Documents.
- B. All Prime Contractors are required to submit through e-Builder the Form LLC-25 (or Form WH-347 if Davis-Bacon Wage Act applies to the contract) for themselves and all subcontractors of every tier on a weekly basis. The Contractor shall provide ONLY the information required on the form and shall not include any employee personal information (i.e., social security numbers, home addresses, phone numbers, etc.). If the Contractor intends to provide forms with employee personal information, the Contractor shall redact it prior to submitting the forms and attachments.

C. Invoice for Work Completed

1. The Contractor must provide a true and correct list of the work performed for each pay period.
2. An approved change order may be paid on a percentage basis as the work is completed.

D. Stored Materials

1. Stored Materials may be invoiced by a Contractor when materials are ordered in advance and stored at an appropriate facility or the site until installation will occur. Material that is scheduled for installation **in less than forty-five days** from the date of procurement is not eligible for payment as stored material.
2. A completed Stored Materials Form must be submitted with the Invoice.
3. Prior approval to store materials is not required by the Department.
4. It is not necessary for the Assistant Project Coordinator to visit the warehouse where materials are stored off-site. By executing the Stored Materials Form and submitting photographs, the Contractor will be attesting to the fact that the materials are properly stored. The Contractor is responsible for proper storage of the materials at the project site. Materials must be stored off the ground and properly protected from the elements.
5. Only one supplier may be submitted on each Stored Materials Form.
6. The description of line items on the vendor's invoice should be identical to the description on the Stored Materials Form and the Schedule of Values. If an item description on the vendor's invoice is not identical, the Contractor must clearly describe, either on the invoice or an attachment, the invoiced item(s) as related to the items on the Stored Materials and Schedule of Values.
7. The vendor's invoice must also show the Unit Wholesale Price and the Extended Unit Wholesale Price. It is permissible for the Contractor to add information to the vendor's invoice for the purpose of clarity.
8. If items that are being submitted as stored material are intermixed with other items on a vendor's invoice, the claimed items must be highlighted or underlined.
9. Requests for payment may not exceed eighty-five percent (85%) of the price of the item as indicated on the approved Schedule of Values.
10. When a vendor's invoice lists two or more separate items that are component parts of a single line item previously submitted on the Schedule of Values, a "Supplemental Schedule of Values Sheet" must be submitted and approved prior to payment for the individual items. Line items with differing unit prices must be shown as separate items on the Supplemental Cost Breakdown Sheet. Each component part must be shown as an individual item.
11. The completed Stored Materials Form, submitted with the Invoice, must also have the following documents attached:
 - a. Vendor's Invoice
 - b. Photographs of material and its location
 - c. Fire and theft insurance policy rider for the materials
 - d. Evidence of payment, or when payment has not been made, a letter on the contractor's letterhead authorizing payment to be made jointly to the contractor and the supplier.
 - e. Power of Attorney (from bonding company)

E. Payroll Affidavit, Contractor's Affidavit and Statement of Surety Company / Power of Attorney

1. A Final Invoice must be accompanied by a completed Payroll Affidavit, Contractor's Affidavit and Statement of Surety Company / Power of Attorney. If this Form is not submitted with the Final Invoice, the sum of \$500 will be withheld until the form is submitted.
2. The Payroll Affidavit section of the form need not be completed, if the prevailing minimum wage scale does not apply. However, a statement must be made by the Contractor on the reverse side of the Payroll Affidavit, indicating that the prevailing minimum wage scale does not apply.

3. A copy of this form should be retained by the Contractor, and an original and two copies must be forwarded with the Invoice. A copy of the Power of Attorney must be attached to each Statement of Surety Company section.

F. Small Diverse Business and Veteran Business Enterprise Utilization Report

1. The SDB/VBE payment information submitted in the Department's Compliance Management Software will be used to track and confirm the actual dollar amount paid to SDB/VBE subcontractors/suppliers and will serve as a record of fulfillment of the contractual commitment.
2. The Contractor shall updated SDB/VBE payment information in the Department's Compliance Management Software at least every thirty (30) calendar days or prior to submitting an invoice, whichever is more frequent. A Contractor's invoice may not be processed if the payment information is not submitted in accordance with this Administrative Procedure.

G. For Each Invoice

1. Contractor shall update the invoice in e-Builder based upon work completed since last invoice. Prior to submission of the Invoice by the Contractor in e-Builder, the following documents shall be included as attached documents in e-Builder in this order:
 - a. Prevailing Minimum Wage Certificate or WH-347
 - b. Stored materials information (if applicable)
 1. Power of Attorney (from bonding company)
 2. Vendor's Invoice
 3. Photographs of material and its location
 4. Fire and theft insurance policy rider
 5. Evidence of payment, or when payment has not been made a letter on Contractor's letterhead authorizing payment to be made jointly to the contractor and the supplier
 - c. Payroll Affidavit, Contractor's Affidavit and Statement of Surety Company / Power of Attorney (if Final Invoice)
 - d. Notarized LLC-25 for Commonwealth funded projects or WH-347 for federal funded projects (if Final Invoice)
2. Upon Final Inspection, the monetary amount to be retained shall be adjusted to reflect the actual amounts retained, as set out in the various sections of the General Conditions of Contract. The pertinent pages of the punch list, including the Professional's Certificate detailing the uncompleted items and value, pending credit change orders, liquidated damages, claims, etc., must be attached to the Invoice in e-Builder. The items indicated on the punch list shall not be paid until completed in their entirety. As the paperwork items are completed, change orders and extensions of time are approved, claims resolved, the retained amount may be reduced accordingly. The pertinent pages of punch list shall be attached with a strikethrough the items acceptably completed and/or approved. The adjusted retained amount should then be calculated, inserted and highlighted on the copies of the punch list attached to the Invoice in e-Builder. The adjusted retained amount must equal the amount shown on the schedule of values.

ADMINISTRATIVE PROCEDURE NO. 8

CHANGES IN CONTRACT WORK (FIELD ORDERS/CHANGE ORDERS)

- A. Any change to Project Contract must be documented by issuance of a Change Order. All Change Orders are to be started and processed in the e-Builder Construction Change Order process. All information and required fields for the Change Order process shall be completed by the initiator prior to submitting it.
- B. A Change Order may be commenced by the Professional, DGS Personnel, and under limited circumstances, the Contractor.
- C. The Contractor's SDB and VBE participation percentages will apply to Change Orders if the work that is the subject of the Change Order is the type of work being performed by an SDB or VBE on the Contract.
- D. DGS reserves the right to require SDB or VBE participation on change orders for additional work not already subject to an SDB or VBE commitment.
- E. The Professional is required to provide an opinion as to the reason that the Change Order is required. The Professional must select one of the causes listed in e-Builder and provide detailed explanation supporting that choice.
- F. The Professional's cause choice is the opinion of the Professional and may or may not represent the views of DGS. DGS will review the Change Order and make a final determination on cause based upon on all applicable factors including input provided by the Professional.
- G. Professional's Cost Guesstimate
 1. The Professional must provide their best estimate of the cost to perform the subject Change order work. DGS secures Project Funds based on the Professional's Guesstimate amount, so the Professional should use whatever means are necessary to provide the most accurate Guesstimate possible.
 2. In the event the Professional disagrees with the need or legitimacy of the subject Change Order, they are still required to provide a Guesstimate cost to perform that work. That Guesstimate shall be based solely on the cost value of the work. The legitimacy of the Change Order request shall have no bearing on this Guesstimate cost figure. DGS reserves the right to secure funds at the Contractor's cost breakdown figure in lieu of the Professional's Guesstimate cost figure for any Contractor originated Change Order request disputed by the Professional.
- H. A detailed cost breakdown shall be attached to the Change Order in e-Builder by the Contractor for any changes to the Prime Contractor's scope of Work utilizing the format established by the sample change order included in this Administrative Procedure.
 1. **Material Costs** - The Cost Breakdown shall list, as a minimum for each material item used, the material description, the unit, (U) used to detail quantity, the quantity, (Q) showing the total amount of that unit, the unit cost, (MU) and the individual cost total, (Q x MU). The Cost Breakdown shall then include the total of all the individual cost totals which is defined as the pre-mark-up cost total. The Contractor may optionally provide (but is not required to provide) the applicable labor hours per material unit (HU) and the respective labor extension for that unit (Q x HU). If the Contractor chooses to provide unit labor information in the material section, the total hours of labor shown must match the total labor hours shown under the LABOR section of the cost breakdown. The total material cost will be the sum of the pre-mark-up material cost total plus the sales tax mark-up plus the overhead, general support and profit mark-up.
 - i. DGS will not acknowledge or honor any separate line items in the Cost Breakdown for such freight charges.
 - ii. The Contractor is entitled to and may claim the following mark-up for material listed on the Cost Breakdown:

- a. state and local sales tax equal to the applicable sales tax rate times the pre-mark-up material cost total listed;
 - b. mark-up material cost total plus the sales tax mark-up, overhead, general support and profit equal to 10% times the sum of the pre-markup material costs.
2. **Labor Costs** - The Cost Breakdown shall include for each labor classification listed, the number of workers, duration of work for each worker, the total labor hours (H), the classification description, the hourly base wage rate paid (BR), the total hourly wage rate paid (WR), the base rate individual cost (H x BR) and the wage rate individual cost (H x WR). The Cost Breakdown shall then include the total of all the individual base rate costs (TBR) and the total of all the individual wage rate costs. (TWR) The hourly base wage rate (BR) is defined as the rate of wages paid by the employer directly to the employee. The total hourly wage rate (WR) is defined as the total rate of wages paid by the employer including wages paid directly to the employee (BR) plus any employer participation or contribution to employee benefits paid on behalf of the employee. DGS acknowledges that for certain Contractors the base rate (BR) and the wage rate (WR) are equivalent. The total labor cost will be the sum of the total wage rate cost (TWR) plus the total mandated burden mark-up (TMB) plus the overhead, general support and profit mark-up.
- i. DGS will not accept or reimburse line items for travel, lodging and per-diem. Exceptions may be made on a case-by-case basis for instances including use of a specialty out-of-state, or non-local Sub-Contractor for Change Order Work, or in the event that the Change Order Work is being issued after Project Final Completion and the Prime Contractor claims travel and lodging costs in lieu of remobilization costs.
 - ii. The Contractor is entitled to and may claim the following mark-up for labor listed on the cost breakdown:
 - a. mark-up for mandatory labor burden costs including (and limited to) social security, federal and state unemployment taxes, workmen's compensation insurance and public liability insurance. The allowable mark-up for each is equal to the applicable social security, unemployment compensation tax, workmen's comp. insurance, or public liability insurance rate times the total base rate cost (TBR) not the total wage rate (TWR). DGS will disallow any excessive burden mark-up calculated as a percentage of the TWR (excepting those instances where the TBR and TWR are identical). DGS will also not honor any mark-up for types of labor burden additional to those listed;
 - b. mark-up for overhead, general support and profit equal to 15% times the sum of the total wage rate cost (TWR) plus the total mandated burden mark-up (TMB). The total mandated burden mark-up is defined as the total of all the allowable individual burden costs for social security, unemployment compensation tax, workmen's compensation insurance and public liability insurance.
3. **Equipment Costs** The Cost Breakdown shall include for each piece of equipment used to perform the subject work, the description of the piece of equipment used, the quantity of that particular piece used, the duration the piece of equipment was used, the rental rate for the duration used and the total rental cost. DGS expects the Contractor to procure/provide the most economical rental rate available over the duration of the work performed. For example, if the piece of equipment was used over a four week period, DGS will expect a monthly rate in lieu of a daily or weekly rate, if the monthly rate is more economical than the other two rates.
- i. DGS will not pay equipment costs for any piece of equipment not specifically identified, or for any tools such as hand tools used in the everyday performance of contract work.
 - ii. The Contractor may claim sales tax paid for any piece of equipment rented from an outside (non-Contractor owned) rental agency provided that a receipt showing the sales tax paid amount accompanies the cost breakdown. DGS will disallow sales tax for any rental item without such proper verification.

- iii. The Contractor may claim mark-up for overhead, general support and profit equal to 10% times the sum of the total rental costs plus the total applicable sales tax. The total rental costs are the sum of all the individual rental costs. The total applicable sales tax is the sum of all the individual verified sales taxes
4. **Subcontractors** – A detailed cost breakdown or acceptable alternate quote from the Subcontractor is required for any detailed cost breakdown from the Prime Contractor showing that any or all of the Change Order work is being performed by the Subcontractor. An acceptable alternate quote is defined as a lump sum cost quotation provided by the Sub-Contractor on Sub-Contractor letterhead paper which details the exact scope of work to be done by the Contractor including detailed information of quantities and description of material items installed. DGS will consider the lump sum cost to be inclusive of all material, labor and equipment costs including all applicable markups for overhead, profit, general support, total mandated burden, taxes and bond adjustment to which the Sub-Contractor is entitled as defined within this manual section. For breakdowns containing work performed by one or more Sub-Contractors and the Prime Contractor, the Prime is responsible for clarifying somewhere in the breakdown, the exact scope of work being performed by the Prime and each Sub-Contractor. In the absence of such clear definition of work scopes, DGS reserves the right to disallow any Prime Contractor labor hours charged for Change Orders where it appears that all of the work is being performed by the Sub-Contractor.
 - i. The Prime Contractor may claim mark-up for overhead, general support and profit equal to 10% times the sum of the total costs realized by the Prime's Sub-Contractor in performance of the work. Any Sub-Contractor receiving work from the Prime Contractor (or another Sub-Contractor) who in turn subs that work to another Sub-Contractor may claim mark-up for overhead, general support and profit equal to 10% times the sum of the total costs realized by the Sub's Sub-Contractor in performance of the work.
5. **Verifications** -In order for DGS to verify the individual wage rates, mandated burden rates and bond rates claimed by the Contractor, the Contractor will provide the following to be attached to the detailed cost breakdown accompanying the **first Change Order** for each Contract: The verification documentation listed above comprises what DGS considers to be the standard for verification of a given rate. DGS will consider for submittal, alternatives to those standards provided that those alternatives furnish the same conclusive, independent substantiation provided by the replaced standard. Acceptance of alternative verification documentation will be made exclusively by DGS Bureau of Capital Projects Construction and will be reviewed on a case-by-case basis.
 - i. **Base Rate** - The Prime Contractor shall provide a copy of a Certified Payroll which shows total wages, hours worked and resulting wage rate being paid directly to the Prime Contractor's employee for each Prime Contractor's labor classification being used in the performance of the Change Order work. DGS considers the Certified Payroll to be the LIPW-128 Form or equivalent. The Prime Contractor has the option to submit BASE RATE VERIFICATION for all Prime Contractor labor classifications at the time the first Change Order is submitted or individual BASE RATE VERIFICATIONS may be submitted with subsequent Change Orders as labor classifications unique to those used in performance of the first Change Order are required for performance of those subsequent Change Orders. In lieu of proper verification, DGS will apply as Contractor's Base Rate, the Prevailing Wage Hourly Rate as determined in the Specifications.
 - ii. **Wage Rate** - The Prime Contractor shall provide to DGS, written documentation showing the dollar per hour rate of employer contributions made on behalf of the employee towards the employee's benefits. DGS will accept as such documentation, either a written excerpt from a labor contract/agreement identifying mandatory benefits, or a certified statement from the Prime Contractor's independent Auditor which outlines actual costs for benefits. This Employee Benefit Rate (EBR) contribution must represent moneys that are not paid directly to the employee but are paid to a separate source maintaining the benefits. This documentation should itemize all individual benefits contributed to by the employer. The documentation should list the employer dollar per hour contribution to each individual benefit and the total dollar per hour contribution for all the benefits combined. The total dollar per hour contribution is the employee Benefit Rate (EBR). Upon receipt of such acceptable documentation, DGS will consider the Prime Contractor's Wage Rate (WR) to be equal to the Contractor's verified Base Rate (BR) plus

Employee Benefit Rate (EBR). This can be represented mathematically as: $WR = BR + EBR$. In lieu of proper verification, DGS will apply as Contractor's Wage Rate, the Prevailing Wage Total Rate as determined in the Specifications.

- iii. **Unemployment Tax Rate** -To substantiate the State Unemployment Tax (SUTA) employer contribution rate, the Prime Contractor shall submit a copy of the effective Contribution Rate Notice issued from the Department of Labor & Industry. Any claimed Federal Unemployment Tax (FUTA) employer contribution will be consistent with the rate as determined in the current I.R.S. Circular 'E', Employer's Tax Rate Guide. Since the FUTA employer contribution is applicable only for the first few thousand dollars of annual employee wages (currently the first \$7,000), DGS reserves the right to ask for verification of the employee's annual wage records if FUTA is claimed by the Prime Contractor.
- iv. **Workmen's Comp Rate** - The Prime Contractor shall submit a copy of the Workmen's Compensation Insurance Policy that shall verify the basic rate, all individual discounts (such as premium and payment), modifier(s) and resulting final adjusted rate.
- v. **Public Liability Insurance** - The Prime Contractor shall submit a copy of the paid insurance premium which shows the total premium paid, the total payroll on which the premium was paid and the resulting rate.
- vi. **Bond Rate** - The Prime Contractor shall submit an invoice from the Surety Company showing the total bond paid, the total contract amount on which the bond was paid and the resulting bond rate.
- vii. **Subcontractor's Rates** - Generally, DGS will not require the Prime or Sub-Contractor to submit verification of rates claimed (in Sub-Contractor's Cost Breakdown) by any of the Prime's Sub-Contractor's performing work for a given Change Order. However, in the event that a certain Sub-Contractor is being used continually by the Prime to perform Change Order work and/or if that Sub-Contractor's rates appear excessive to DGS, DGS reserves the right to ask the Prime Contractor to procure and submit to DGS, verification of rates used by the Sub-Contractor in question. This information shall be submitted to DGS only upon DGS request.

EXAMPLE COMPLETED COST BREAKDOWN

ABC GENERAL CONTRACTORS

| | | <u>MATERIAL</u> | | | <u>LABOR HOURS (OPTIONAL)</u> | |
|------------------------------------------------|--------------------|------------------------|--------------------------|-------------------------------|-------------------------------|--------------------------------|
| <u>QTY.</u> (Q) | <u>UNIT</u> (U) | <u>DESCRIPTION</u> | <u>UNIT COST</u> (MU) | <u>COST TOTAL</u> (Q x MU) | <u>HOURS/UNIT</u> (HU) | <u>TOTAL HOURS</u> (Q x HU) |
| 8000 | S.F. | 1/2" GYPSUM WALL BOARD | \$0.15 | \$1,200.00 | .008 | 64 |
| 15 | EACH | DOUBLE HUNG WINDOWS | \$120.00 | \$1,800.00 | .800 | 12 |
| PRE-MARK-UP MAT'L. COST TOTAL | | | | \$3,000.00 | TOTAL LABOR HRS. | 76 |
| 6% SALES TAX | | | | \$180.00 | | |
| SUBTOTAL | | | | \$3,180.00 | | |
| 10% OVERHEAD, GEN. SUPT. & PROFIT(ON SUBTOTAL) | | | | \$318.00 | | |
| SUBTOTAL | | | | \$3,498.00 | | |
| TOTAL MATERIAL COST | | | | \$3,498.00 | | |

| | | | <u>LABOR</u> | | | | |
|----------------------------|-----------------|---------------------|----------------------------|---------------------------------|---------------------------------------|------------------------------------|-----------------------------------|
| <u>NUMBER OF WORKERS</u> | <u>DURATION</u> | <u>HOURS</u> (H) | <u>CLASSIFICATION</u> | <u>HOURLY BASE RATE</u> (BR) | <u>TOTAL HOURLY WAGE RATE</u> (WR) | <u>BASE RATE COSTS</u> (H x BR) | <u>WAGE RATE COST</u> (H x WR) |
| 2 | 38 | 76 | CARPENTER | \$20.27 | \$30.59 | \$1,540.52 | \$2,324.84 |
| TOTAL LABOR HOURS | | 76 | TOTAL BASE RATE COST (TBR) | | \$1,540.52 | | |
| TOTAL WAGE RATE COST (TWR) | | | | | | \$2,324.84 | |

| <u>RATE</u> | <u>MANDATED BURDEN</u> | |
|------------------------------------------------|--------------------------------------|-------------------|
| 7.65% | SOCIAL SECURITY (ON TOTAL TBR) | \$117.85 |
| 12.39% | UNEMPLOYMENT TAXES (ON TOTAL TBR) | \$190.87 |
| 8.90% | WORKMEN'S COMP. INS. (ON TOTAL TBR) | \$137.11 |
| 2.46% | PUBLIC LIABILITY INS. (ON TOTAL TBR) | \$37.90 |
| TOTAL MANDATED BURDEN (TMB) | | \$483.73 |
| SUBTOTAL LABOR COSTS (TWR + TMB) | | \$2,808.57 |
| 15% OVERHEAD, GEN. SUPT. & PROFIT(ON SUBTOTAL) | | \$421.29 |
| TOTAL LABOR COST | | \$3,229.86 |

| <u>DURATION</u> | <u>QTY.</u> | <u>EQUIPMENT</u> | <u>RENTAL RATE FOR DURATION</u> | <u>RENTAL COST</u> |
|------------------------------------------------|-------------|------------------|---------------------------------|--------------------|
| N/A | 1 | N/A | N/A | N/A |
| % SALES TAX (IF RENTED) | | | | |
| SUBTOTAL EQUIPMENT COST | | | | |
| 10% OVERHEAD, GEN. SUPT. & PROFIT(ON SUBTOTAL) | | | | |
| TOTAL EQUIPMENT COST | | | | \$0 |

| <u>COMPANY</u> | <u>SUBCONTRACTORS (IF APPLICABLE)</u> | <u>*TOTAL COST</u> |
|----------------|---------------------------------------------------------------|--------------------|
| XYZ Paving | *Total Cost From Attached Sub-Contractor's Detailed Breakdown | \$31,973.26 |
| | SUBTOTAL | \$31,973.26 |
| | 10% OVERHEAD, GEN. SUPT. & PROFIT(ON SUBTOTAL) | \$3,197.33 |
| | TOTAL SUBCONTRACTS | \$35,170.59 |

| <u>SUMMARY</u> | |
|----------------------------------------|--------------------|
| TOTAL MATERIAL | \$3,498.00 |
| TOTAL LABOR | \$3,229.86 |
| TOTAL EQUIPMENT | N/A |
| TOTAL SUBCONTRACTS | \$35,170.59 |
| LESS DEDUCTS (Explain Separately) | N/A |
| SUBTOTAL | \$41,898.45 |
| 2.0% BOND COST ADJUSTMENT(ON SUBTOTAL) | \$837.97 |
| TOTAL PROPOSAL | \$42,736.42 |

Contractor's Signature

XYZ PAVING (SUB-CONTRACTOR)

| | | | <u>MATERIAL</u> | | <u>LABOR HOURS (OPTIONAL)</u> | |
|------------------------------------------------|--------------------|--------------------------|--------------------------|-------------------------------|-------------------------------|--------------------------------|
| <u>QTY.</u> (Q) | <u>UNIT</u> (U) | <u>DESCRIPTION</u> | <u>UNIT COST</u> (MU) | <u>COST TOTAL</u> (Q x MU) | <u>HOURS/UNIT</u> (HU) | <u>TOTAL HOURS</u> (Q x HU) |
| 4900 | S.Y. | 3" BITUM. ASPHALT PAVING | \$4.50 | \$22,050.00 | .0196 | 96 |
| PRE-MARK-UP MAT'L. COST TOTAL | | | | \$22,050.00 | TOTAL LABOR HRS. 96 | |
| 6% SALES TAX | | | | \$1,323.00 | | |
| SUBTOTAL | | | | \$23,373.00 | | |
| 10% OVERHEAD, GEN. SUPT. & PROFIT(ON SUBTOTAL) | | | | \$2,337.30 | | |
| TOTAL MATERIAL COST | | | | \$25,710.30 | | |

| | | | <u>LABOR</u> | | | | |
|--------------------------|-----------------|---------------------|----------------------------|---------------------------------|---------------------------------------|------------------------------------|-----------------------------------|
| <u>NUMBER OF WORKERS</u> | <u>DURATION</u> | <u>HOURS</u> (H) | <u>CLASSIFICATION</u> | <u>HOURLY BASE RATE</u> (BR) | <u>TOTAL HOURLY WAGE RATE</u> (WR) | <u>BASE RATE COSTS</u> (H x BR) | <u>WAGE RATE COST</u> (H x WR) |
| 1 | 8 | 8 | LAB. FOREMAN | \$16.91 | \$24.80 | \$135.28 | \$198.40 |
| 7 | 8 | 56 | LABORER | \$16.16 | \$24.05 | \$904.96 | \$1,346.80 |
| 4 | 8 | 32 | OPERATOR | \$21.03 | \$31.69 | \$672.96 | \$1,014.08 |
| TOTAL LABOR HOURS | | 96 | TOTAL BASE RATE COST (TBR) | | \$1,713.20 | | |
| | | | | | | TOTAL WAGE RATE COST (TWR) | \$2,559.28 |

| <u>RATE</u> | <u>MANDATED BURDEN</u> | |
|------------------------------------------------|--------------------------------------|-------------------|
| 7.65% | SOCIAL SECURITY (ON TOTAL TBR) | \$131.06 |
| 11.91% | UNEMPLOYMENT TAXES (ON TOTAL TBR) | \$204.04 |
| 10.23% | WORKMEN'S COMP. INS. (ON TOTAL TBR) | \$175.26 |
| 3.17% | PUBLIC LIABILITY INS. (ON TOTAL TBR) | \$54.31 |
| TOTAL MANDATED BURDEN (TMB) | | \$564.67 |
| SUBTOTAL LABOR COSTS (TWR + TMB) | | \$3,123.95 |
| 15% OVERHEAD, GEN. SUPT. & PROFIT(ON SUBTOTAL) | | \$468.59 |
| TOTAL LABOR COST | | \$3,592.54 |

| <u>DURATION</u> | <u>QTY.</u> | <u>EQUIPMENT</u> | <u>RENTAL RATE FOR DURATION</u> | <u>RENTAL COST</u> |
|------------------------------------------------|-------------|------------------------|---------------------------------|--------------------|
| 1 DAY | 1 | ASPHALT PAVER 130 H.P. | \$1200.00/DAY | \$1,200.00 |
| 1 DAY | 2 | STEEL WHEEL ROLLERS | \$230.00/DAY (EACH) | \$460.00 |
| 1 DAY | 1 | PNEUMATIC WHEEL ROLLER | \$225.00/DAY | \$225.00 |
| 6% SALES TAX (IF RENTED) | | | | \$113.10 |
| SUBTOTAL EQUIPMENT COST | | | | \$1,998.10 |
| 10% OVERHEAD, GEN. SUPT. & PROFIT(ON SUBTOTAL) | | | | \$199.81 |
| TOTAL EQUIPMENT COST | | | | \$2,197.91 |

| <u>SUMMARY</u> | |
|----------------------------------------|--------------------|
| TOTAL MATERIAL | \$25,710.30 |
| TOTAL LABOR | \$3,592.54 |
| TOTAL EQUIPMENT | \$2,197.91 |
| LESS DEDUCTS (Explain Separately) | N/A |
| SUBTOTAL | \$31,500.75 |
| 1.5% BOND COST ADJUSTMENT(ON SUBTOTAL) | \$472.51 |
| TOTAL PROPOSAL | \$31,973.26 |

- A. **Force Account Change Orders** - Force Account Records are required to substantiate time and material costs for all Force Account Change Orders which are initiated because quantities, exact scope and unit costs for work cannot be established prior to the performance of the work. The Prime Contractor and all Sub-Contractor's working under the Force Account Change Order must keep written, signed daily records of labor, material and equipment. Those records will be monitored and signed daily by DGS Personnel. The Contractor completing the Force Account work shall identify as a minimum, the date of work performed, the contract number of DGS Project, the description (including location) of exact work performed under Today's Work. If known, the Contractor may provide as an option, the date the work was authorized and the person authorizing the work DGS requires as verification of material unit prices and equipment use or rental unit prices that the Contractor include receipts, invoices, truck slips, etc., along with the Force Account Daily Work Record Sheet for each material and equipment item listed on the sheet. In absence of such individual verification, DGS reserves the right to make its own determination of proper unit rate. DGS will make such a determination based on the most economical rate that can be applied to the total material quantities or total equipment rental/usage duration accumulated over the duration of the Change Order work. At the end of each day the Contractor or Sub-Contractor shall submit to the Assistant Project Coordinator, the applicable FORCE ACCOUNT DAILY WORK RECORD Sheet(s). This sheet shall contain all completed information pertaining to duration of labor and equipment usage/rental and quantities of material. The submitted sheet should be signed by the Contractor.

ADMINISTRATIVE PROCEDURE NO. 9

REQUEST FOR EXTENSION OF TIME CHANGE ORDER

- A. All Requests for Extensions of Time shall be prepared and submitted through e-Builder's Construction Change Order process by the Contractor.
- B. The Contractor must **verbally inform the Department at the first Job Conference after any alleged delay it has encountered**. No forms or correspondence are required at this time, however, the Contractor should verify that the verbal notification of the alleged delay has been noted in the Job Conference Report. **Within ten (10) days** after the end of the alleged delay, the Contractor must submit the EOT through e-Builder.
- C. **Failure to submit the form within ten days may constitute a waiver of the request and result in the denial of the request.**
- D. The Contractor must enter all required information including but not limited to, beginning date of delay, the ending date of delay, number of days delayed, cause of delay, effect on construction progress, the item of work affected, and list work items that could have been done during the delay. The Contractor must utilize the Master Project Schedule (updated and approved as of the date of the submission of the EOT request) to establish the critical activities delayed by the facts submitted with the EOT as discussed in depth in the Scheduling Article of the General Conditions. Omission of data or failure to answer any of the questions **will result in the EOT Change Order being returned** to the Contractor for completion
- E. Only one delay shall be submitted per Change Order.
- F. If explanation of the delay is lengthy, the Contractor may attach additional documentation to the Change Order. It is mandatory, however, that as much of a factual synopsis as possible be included with the submission.
- G. Claims for weather related delays must be substantiated by Weather Data, which may be secured from local weather records and/or the National Oceanic & Atmospheric Administration, National Climatic Center, Asheville, North Carolina 28801.
- H. The Professional will review an extension of time change order request. The Professional will attach any additional pertinent information and documentation required to justify and support the recommendation.

ADMINISTRATIVE PROCEDURE NO. 10

**SUBMISSION GUIDELINES FOR
STEEL CERTIFICATIONS FOR DGS PROJECTS
PURSUANT TO THE STEEL PRODUCTS PROCUREMENT ACT
73 P.S. §1881, ET SEQ.**

**GENERAL INFORMATION CONCERNING THE STEEL PRODUCTS PROCUREMENT ACT AND STEEL
CERTIFICATIONS**

- A. All Prime Contractors shall submit Steel Certification forms through e-Builder. Only one fully-executed certification form for each product must be submitted.
- B. According to Section 1886 of the Steel Products Procurement Act (the Act), cast iron products are considered to be steel products. The appropriate certification form, therefore, is required to be submitted for cast iron products.
- C. Aluminum and brass products are not steel products; therefore, steel certification forms are not required for such items.
- D. Pursuant to Section 1884(b)(2) of the Act, DGS has created a list of exempt machinery and equipment steel products, which is posted on the DGS website at www.dgs.state.pa.us. If a product to be utilized on the project appears on the exemption list, steel certification forms are not required.
- E. Modification or alteration of the Steel Certification forms is strictly prohibited.
- F. If the entity executing an ST form has a corporate seal, that seal should be impressed in the signature area of the form. The signatures on the ST forms do not have to be notarized, but they must be original signatures. Signature stamps are not acceptable; a form submitted with such a stamp will be rejected.
- G. Questions regarding steel certification submissions and/or compliance with the Act shall be submitted **in writing** to the Assistant Project Coordinator as soon as possible after the Initial Job Conference. DGS will investigate and render a response in a timely fashion.
- H. **Nothing in this Administrative Procedure should be construed as relieving any prime contractor, subcontractor, supplier or fabricator from complying with the requirements of the Act. Steel Certification forms must be submitted and approved by Departmental personnel before a steel product arrives on site. Any contractor entering into a purchase order for a "steel product" prior to submitting acceptable steel certifications does so at its own risk and faces penalties which include, but are not limited to, nonpayment, and/or replacement costs, and/or debarment. If steel products are incorporated into the project prior to the submission of proper certification, the contractor assumes the full risk of nonpayment, replacement costs and/or debarment if the products are not certifiable.**
- I. No Invoice containing steel products will be processed until the appropriate steel certification form(s) has been approved by the Department.
- J. **Domestic availability will be determined as of the date the ST-4 form is submitted to DGS for approval.**
- K. The forms that follow, ST-1 through ST-4 - have been developed by the Department of General Services for use on the Department's projects alone. The Department assumes no responsibility or liability for any use of these forms on the public works projects of any other entity subject to the Act.
- L. The U.S. Mexico Canada Agreement (USMCA), formerly the North American Free Trade Agreement (NAFTA), does not supersede or preempt the Act.

ST-1

**THIS FORM MUST BE FILLED OUT FOR EACH “STEEL PRODUCT”
ON A DGS PROJECT UNLESS OTHERWISE NOTED.**

SECTION A

Line #1 This is the Prime Contractor’s formal business name. If a sub’s name appears on this form, the form must be rejected and resubmitted.

Line #2 This is the prime contractor’s business address.

Line #3 This is the prime contractor’s business phone number.

Line #4 This is the date the ST form is submitted to DGS.

Line #5 This is the DGS contract number for the project.

Line #6 This is the DGS project description.

Line #7 This is the “steel product” being certified, such as an I-beam, angle, bolt, channel, etc. The prime contractor may not fill in the line with a description like “structural steel”, heating unit” or “air conditioning system”.

**LINE #7 IS THE MOST CRITICAL PART OF THE FORM.
FAILURE TO PROPERLY FILL OUT LINE #7 ON EACH ST FORM
MAKES THE ENTIRE FORM INVALID AND A NEW FORM MUST BE SUBMITTED.**

NOTE: The prime contractor does not have to submit a form for each piece of steel which is being put into the project. The prime contractor only has to submit an ST form for each type of steel product. For example, if the project needs 56 I-Beams of varying lengths, the contractor must submit **1 ST form** for “steel I-Beams” with a listing of the various sizes covered by that ST form. The contractor does not submit 56 ST-1 forms. If, on the other hand, only 30 of the I-Beams are identifiable (stamped) structural steel, the contractor submits an ST-1 form with Section B(1) marked off. The other 26 I-Beams are non-identifiable structural steel, so the contractor must also submit an ST-1 with Section B(2) marked off and attached the appropriate supporting documentation.

If the contractor is using different suppliers, each supplier must submit the appropriate steel form.

Line #8 This is the fabricator or supplier of the product listed on Line #7.

SECTION B

ONLY ONE OF THESE ITEMS CAN BE CHECKED AS APPLICABLE

_____ **1. Identifiable Steel Product**

This type of steel product is limited to products which are stamped “made in the USA” or otherwise identifiable as U.S. Steel.

- a) supporting documentation:** Prime Contractor only needs to submit the ST-1 form. DGS field personnel will verify the markings when product arrives on-site.

2. Non-identifiable Structural Steel Product

This type of steel product is limited to items of structural steel which are not marked as made in USA.

a) supporting documentation: Prime contractor must also submit, attached to the ST-1 form, bills of lading, invoices and mill certificates.

 3. Non-identifiable, Non-structural Steel Product

This type of steel product is every product which is non-structural steel, including, but not limited to, doors, door frames, windows, machinery and equipment.

a) supporting documentation: Fully executed ST-2

b) NOTE: A steel product may not appear on any Invoice until such time as the ST-1 and ST-2 are accepted by DGS.

SECTION C

1. Language – **No modifications, cross-outs or alterations of any type may be made to the language of this certification paragraph.**
2. Signature – Two signatures are required on the ST-1 form. The Prime Contractor’s President/Vice President must sign on one line **and** the Secretary or Treasurer must sign as a witness. The names should be typed or printed beneath the signature lines. Failure to type in the names **does not** invalidate the ST form.

ST-1 STEEL ORIGIN CERTIFICATION: PRIME CONTRACTOR

This form must be executed by the Prime Contractor and submitted to the APM within 30 days from the date the Professional approves a submittal listing a "steel product". No steel product may be delivered on-site unless DGS has received an ST form. A completed form is required for each type of steel product (e.g., beams, columns, stairways, etc.), from each supplier but not for each piece of steel product.

A. TO BE COMPLETED BY THE PRIME CONTRACTOR:

- 1. Name of Contractor's firm _____
- 2. Firm's address: _____
- 3. Firm's phone number: _____ 4. Date submitted: _____
- 5. Contract No. _____ 6. Contract Title _____
- 7. Steel Product Certified: _____
- 8. Name & Address of Supplier: _____

B. TYPE OF STEEL PRODUCT (Check and complete one (1) applicable category):

- 9. _____ **Identifiable steel product:** 100% of the steel in the product is identifiably marked as manufactured in the United States.
 - a. Other documentation required: **NONE**
 - b. Manner in which steel product is identifiable:
 - (1) _____ Stamped "Made in U.S.A."
 - (2) _____ Stamped "Made in _____."
 - (3) _____ Other: Explain: _____
- 10. _____ **Non-identifiable structural steel:** Less than 100% of the steel contained in the product is identifiable as provided above. Structural steel is defined as steel products used as a basic structural element of a project (i.e., steel beams, columns, decking, stairways, reinforcing bars, structural lintels, pipes, etc.)
 - a. Other documentation **required:** Bills of lading, invoices and mill certificates that certify that the steel contained in the product was melted and/or manufactured in the United States.
- 11. _____ **Non-identifiable non-structural steel:** all other steel products including door and window frames, machines, equipment, etc.
 - a. Other documentation **required:** Executed Form ST-2

CERTIFICATION: I, the undersigned office of the Contractor, do certify that, to the best of my knowledge, the steel product listed above complies with the provisions of the Steel Products Procurement Act (73 P.S. § 1881, et seq., as amended). I understand that by signing this document I certify that the facts contained herein are true. I further understand that this document is subject to the provision of the Unsworn Falsification to Authorities (18 P.S. § 4904) and the Steel Products Procurement Act, which provides penalties including, but not limited to, debarment from bidding on any Commonwealth of Pennsylvania public works project for a period of five years. I agree to provide documentation supporting these facts if requested by the Commonwealth. The Commonwealth reserves the right to pursue any action deemed necessary to protect the Commonwealth's interest and ensure compliance with the laws of the Commonwealth.

WITNESS:

Name:
Secretary or Treasurer

Name:
President or Vice President

(Seal)

ST-2

This form must be filled out for non-identifiable, non-structural steel products.

SECTION A To be filled out by the Purchaser, the firm that pays the Fabricator

Line #1 This is the name of the firm that is dealing directly with the Fabricator

Line #2 This is the purchaser's mailing address.

Line #3 This is the purchaser's business phone.

Line #4 This is the date the ST-2 form is sent to the fabricator.

Line #5 This is the DGS contract number or the project.

Line #6 This is the DGS project description.

Line #7 This is the "steel product" being certified, such as a chiller, condenser, hollow metal doors. The prime contractor may not fill in the line with a description like "structural steel", "heating unit" or "air conditioning Unit". The model number, if any, of the steel product must be listed as indicated.

**LINE #7 IS THE MOST CRITICAL PART OF THE FORM.
FAILURE TO PROPERLY FILL OUT LINE #7 ON EACH ST FORM
MAKES THE ENTIRE FORM INVALID AND A NEW FORM MUST BE
SUBMITTED.**

SECTION B To be filled out by the Fabricator, the firm that assembles the product listed on Line #7.

Line #1 This is the Fabricator's name.

Line #2 This is the Fabricator's mailing address.

Line #3 This is the Fabricator's business phone.

Line #4 This is the date the Fabricator receives the ST-2 from the Purchaser.

Line #5 This is the Fabricator's Federal I.D. number.

SECTION C

1. Language – **No modifications, cross-outs or alterations of any type may be made to the language of this certification paragraph.**
2. Signature – Two signatures are required on the ST-1 form. The Prime Contractor's President/Vice President must sign on one line and the Secretary or Treasurer must sign as a witness. The names should be typed or printed beneath the signature lines. Failure to type in the names **does not** invalidate the ST form.

ST-2 STEEL ORIGIN CERTIFICATION:
NON-IDENTIFIABLE, NON-STRUCTURAL STEEL

This form must be executed by the Purchaser and the Fabricator of any item containing steel that is not structural steel. This form must be submitted to the APM within 30 days from the date the Professional approved a submittal listing a "steel product". No steel product may be delivered on-site unless DGS has received the ST form. Structural steel is defined as steel products used as a basic structural element or a project (i.e. steel beams, columns, decking stairways, reinforcing bars, pipes, etc.). Purchasers of structural steel products (contractors or subcontractors) **must** provide bills of lading, invoices **and** mill certifications that the steel was manufactured in the United States instead of this form. The Fabricator shall be herein defined as the firm that assembles the component parts of the product to be purchased. The Department of General Services will accept the certification of firms that are earlier in the chain of purchase (i.e. manufacturers of components, steel suppliers) in lieu of the Fabricator.

A. TO BE COMPLETED BY THE PURCHASER:

1. Name of purchasing firm: _____
2. Firm's address: _____
3. Firm's phone number: _____ 4. Date submitted to Fabricator: _____
5. Contract No. DGS _____ 6. Contract Title: _____
7. Steel Product Certified: _____

Model: _____

B. TO BE COMPLETED BY THE FABRICATOR/MANUFACTURER:

1. Name of firm: _____
2. Address of firm: _____
3. Firms phone number: _____ 4. Date Received: _____
5. Federal Employer ID. No: _____

CERTIFICATION: I, the undersigned officer of the Fabricator/Manufacturer, do certify that our firm assembled/fabricated the components to the steel products listed in Section A, Item 7, and that all steel components therein are comprised of steel that is melted and/or fabricated in the United States. I understand that, by signing this document, I certify that I have received assurances from the suppliers/manufacturers of the components that said components do not contain foreign manufactured steel. I further understand that this document is subject to the provisions of the Unsworn Falsification to Authorities Act (18 P.S. § 4904). I also understand that I am subject to the provisions of the Steel Products Procurement Act (73 P.S. § 1881, et. seq.) which provides penalties including, but not limited to, debarment from supplying any products for Commonwealth of Pennsylvania Public works projects for a period of five (5) years for violations therein. I agree to provide documentation supporting these facts if requested by the Commonwealth. The Commonwealth reserves the right to pursue any action deemed necessary to protect the Commonwealth's interest and ensure compliance with the laws of the Commonwealth.

WITNESS:

Name:
Secretary or Treasurer

Name:
President or Vice President

(Seal)

ST-3

2-STEP ELIGIBILITY ANALYSIS:

BEFORE A PRIME CONTRACTOR CAN SUBMIT AN ST-3, THE FOLLOWING ANALYSIS MUST BE SATISFIED

STEP #1: The contractor must establish that the “product” **contains BOTH:**

- Steel melted in the USA

AND

- Foreign Steel

Note: Step #1 focuses upon the content of the “product”.

Note: The % need not be close; it can be 99-1, so long as there is both foreign and domestic steel in the “product”.

STEP #2: The contractor must establish that 75% of the cost of the “product” has been mined, produced or manufactured in the USA.

Note: Step #2 focuses upon the cost of the entire “product”, not just the steel within it.

SECTION A

Line #1 This is the Prime Contractor’s name.

Line #2 This is the Prime Contractor’s business address.

Line #3 This is the Prime Contractor’s phone number.

Line #4 This is the date the ST-3 is submitted to the fabricator.

Line #5 This is the DGS contract number for the project.

Line #6 This is the DGS project description.

Line #7 This is the “steel product” being certified, such as a chiller, condenser, hollow metal doors. The prime contractor may not fill in the line with a description like “structural steel”, “heating unit” or “air conditioning unit”. The model number, if any, or the steel product must be listed as indicated.

**LINE #7 IS THE MOST CRITICAL PART OF THE FORM.
FAILURE TO PROPERLY FILL OUT LINE #7 ON EACH ST FORM
MAKES THE ENTIRE FORM INVALID AND A NEW FORM MUST BE
SUBMITTED.**

SECTION B To be filled out by the Fabricator/Manufacturer, the firm that fabricates the product listed on Line A7.

Line #1 This is the Fabricator's name.

Line #2 This is the Fabricator's business address.

Line #3 This is the Fabricator's business phone.

Line #4 This is the date the Fabricator receives the ST-3 from the purchaser.

Line #5 This is the Fabricator's Federal I.D. Number.

Line #6 The Fabricator must insert the percentage of the cost of the articles, materials and supplies which have been mined, produced or manufactured in the U.S. for the product listed on Line A7.

SECTION C

1. Language – **No modifications, cross-outs or alterations of any type may be made to the language of this certification paragraph.**
2. Signature – Two signatures are required on the ST-3 form. The Fabricator's President/Vice President must sign on one line **and** the Secretary or Treasurer must sign as a witness. The names should be typed or printed beneath the signature lines. Failure to type in the names does not validate the ST form.

NOTES on ST-3 Forms:

- It is not necessary to submit an ST-1 with the ST-3.
- **DGS reserves the right to request additional documentation to support the percentage specified on Line 14. If the Fabricator/manufacturer refuses to produce such documentation and/or DGS deems it to be in the Commonwealth's best interests, DGS may request the Office of Inspector General to investigate the submission of the ST-3 form.**

ST-3
75% U.S. MANUFACTURE CERTIFICATION

The Steel Products Procurement Act (73 P.S. § 1881, et. seq.) allows the use of steel products with **both** foreign and domestic steel **if at least 75 percent of the cost** of the materials (including steel, rubber, wood, plastics, etc.) in the product are manufactured or produced, as the case may be, in the United States.

This form must be executed by a Fabricator of any item containing BOTH U.S. AND FOREIGN STEEL. The fabricator shall hereby be defined as the firm that assembles the component parts of the product to be purchased. The Department of General Services will accept the certification of firms that are **earlier** in the chain of purchase (i.e., manufacturers of components, steel suppliers) in lieu of the Fabricator.

This form must be submitted to the APM within 30 days from the date the Professional approves a Submittal listing a "steel product". No steel product may be delivered on-site unless DGS has received an ST form.

A. TO BE COMPLETED BY THE PRIME CONTRACTOR (PURCHASER):

1. Name of Contractor: _____
2. Address of Contractor: _____
3. Phone Number: _____ 4. Date submitted to Fabricator: _____
5. Contract No. DGS: _____ 6. Contract Title: _____
7. Steel Product Certified: _____
Model: _____

B. TO BE COMPLETED BY THE FABRICATOR/MANUFACTURER:

1. Name of Firm: _____
2. Address of Firm: _____
3. Firm's Phone number: _____ 4. Date Received: _____
5. Federal Employer ID No. _____
6. Percentage of the cost of the articles, materials and supplies which have been mined, produced or manufactured in the U.S. for the product listed above on line A7: _____

CERTIFICATION: I, the undersigned Officer of the Fabricator/Manufacturer, do certify that our firm assembled/manufactured the components to the steel product listed in Section 7, that the steel in said product is both foreign and domestically manufactured, and that all the facts contained in this document are true. I agree to provide documentation supporting these facts if requested by the Commonwealth. I further understand that this document is subject to the provisions of the unsworn Falsification to Authorities Act (18 P.S. § 4904) and the Steel products Procurement Act (73 P.S. §1881, et seq.) which provide penalties including, but not limited to, debarment from supplying any products for Commonwealth of Pennsylvania public works projects for a period of five (5) years for violations therein. The Commonwealth reserves the right to pursue any action deemed necessary to protect the Commonwealth's interest and ensure compliance with the laws of the Commonwealth.

WITNESS:

Name:
Secretary or Treasurer

Name: (Seal)
President or Vice President

ST-4

This form may be submitted in circumstances where the Prime Contractor believes that the “product” on Line #7 is not made in sufficient quantities to satisfy the requirements of the Contract.

The information submitted by a Prime Contractor is subject to verification by the Department. Any Prime Contractor who executes a Purchase Order or other type of purchase agreement encompassing a “steel product” prior to receiving the Department’s written determination that the “steel product” listed on Line #7 of the ST-4 form is not manufactured in sufficient quantity to meet the requirements of the project does so at its own risk and faces penalties including, but not limited to, non-payment for the product; removal and replacement of the product at its own costs; and/or an Office of Inspector General investigation which may lead to debarment.

**Domestic availability will be determined as of the date
the ST-4 form is submitted to DGS for approval**

Line #1 this is the Prime Contractor’s formal business name.

Line #2 This is the Prime Contractor’s business address.

Line #3 This is the Prime Contractor’s business phone.

Line #4 This is the date the ST-4 form is submitted to DGS.

Line #5 This is the DGS contract number for the project.

Line #6 This is the DGS project description.

Line #7 This is the “steel product” being certified, such as a chiller, condenser, hollow metal doors. The prime contractor may not fill in the line with a description like “structural steel”, “heating unit” or air conditioning unit”.

**LINE #7 IS THE MOST CRITICAL PART OF THE FORM.
FAILURE TO PROPERLY FILL OUT LINE #7 ON EACH ST FORM
MAKES THE ENTIRE FORM INVALID AND A NEW FORM MUST BE
SUBMITTED FOR APPROVAL.**

Line #8 These four lines, (a) through (d), are to be filled out completely by the Prime Contractor. At least four suppliers/manufacturers must be contacted by the Prime Contractor to ascertain if the “product” on Line #7 is manufactured with domestic steel.

CERTIFICATION

1. Language – **No modifications, cross-outs or alterations of any type may be made to the language of this certification paragraph.**
2. Signature – Two signatures are required on the ST-4 form. The Prime Contractor’s President/Vice President must sign on one line **and** the Secretary or Treasurer must sign as a witness. The names should be typed or printed beneath the signature line. Failure to type in the names **does not** invalidate the ST form.

NOTE ON ST-4 FORMS:

- It is not necessary to submit an ST-1 form with an ST-4 form.

ST-4 NOT DOMESTICALLY MANUFACTURED: PRIME CONTRACTOR

This form must be executed by the Prime Contractor and submitted to the APM within 30 days from the date the Professional approves a submittal listing a “steel product”. No steel product may be delivered on-site unless DGS has received, reviewed and provided written approval of the ST-4 form. An ST-4 form can only be submitted for approval when a steel product is not domestically produced in sufficient quantities. DGS will verify the accuracy of the information on the ST-4 form and will contact additional suppliers/manufacturers to ascertain the availability of a domestic steel product.

1. Prime Contractor: _____ 2. Address: _____

3. Phone Number: _____ 4. Date Submitted: _____ 5. Contract No. DGS: _____

6. Contract Title: _____ 7. Steel Product: _____

8. Suppliers/manufacturers contacted by the Prime Contractor that claimed that the above product is not produced/manufactured with U.S. manufactured steel. At least four Suppliers/Manufacturers are needed. Manufacturers listed in specifications must be contacted.

a. Firm Name: _____ Phone Number: _____
Address: _____
Person Contacted: _____ Date Contacted: _____

b. Firm Name: _____ Phone Number: _____
Address: _____
Person Contacted: _____ Date Contacted: _____

c. Firm Name: _____ Phone Number: _____
Address: _____
Person Contacted: _____ Date Contacted: _____

d. Firm Name: _____ Phone Number: _____
Address: _____
Person Contacted: _____ Date Contacted: _____

CERTIFICATION: I, the undersigned Officer of the Contractor, do certify that I have contacted the firms listed in Section 9, and was informed that said firms do not produce/manufacture the steel product listed on Line 7 with U.S. Steel in sufficient quantities to complete the above-referenced project. I understand that this document is subject to the provisions of the Unsworn Falsifications to Authorities Act (18 P.S. § 4904) and the Steel Products Procurement Act, which provide penalties including, but not limited to, debarment from bidding on any Commonwealth of Pennsylvania public works project for a period of five years. The Commonwealth reserves the right to pursue any action deemed necessary to protect the Commonwealth’s interest and ensure compliance with the laws of the Commonwealth.

WITNESS:

Name:
Secretary or Treasurer

Name: (SEAL)
President or Vice President

ST-4 FORM FOR DGS USE ONLY – CONTRACTORS – DO NOT WRITE ON THIS SIDE OF ST FORM

A. Field Personnel APM: _____

1. Date ST-4 submitted by Prime Contractor: _____

2. Date ST-4 forwarded to Regional Director: _____

B. Regional Director

1. Date ST-4 forwarded to Harrisburg Bureau of Design: _____

C. Bureau of Design

1. Date received from the Region: _____

2. Referred to for review: _____

3. Additional Suppliers/Manufacturers Contacted to verify domestic availability:

a. Firm Name: _____ Phone: _____

Address: _____

Person Contacted: _____ Date Contacted: _____

b. Firm Name: _____ Phone: _____

Address: _____

Person Contacted: _____ Date Contacted: _____

c. Firm Name: _____ Phone: _____

Address: _____

Person Contacted: _____ Date Contacted: _____

D. Office of Chief Counsel Date received: _____ Action: _____

E. Deputy Secretary Date received: _____ Action: _____

ADMINISTRATIVE PROCEDURE NO. 11

FIELD DISPUTE FORM

A. General Information on Dispute Process

1. The Dispute Process is set forth in detail in the Disputes Article of the General Conditions.
2. The Contractor shall use the Field Dispute Resolution Process in e-Builder.

ADMINISTRATIVE PROCEDURE NO. 12
UTILIZATION/OCCUPANCY INSPECTION
FINAL INSPECTION
CONCLUSION OF FINAL INSPECTION

A. Utilization/Occupancy Inspection

1. The Department may use or permit the Client Agency to use or occupy any completed or partially completed portion(s) of the Work in accordance with the General Conditions and this Administrative Procedure.
2. The request for partial occupancy by the Client Agency must be made, in writing, to the Construction Regional Director. If permission is granted, by the Department, the Construction Regional Director or designee will establish the date and time for an Occupancy/Utilization Inspection and will notify the following:
 - a. Director of Bureau of Construction
 - b. Professional (Bureau of Design, Project Manager)
 - c. Prime Contractor(s), as required
 - d. Project Site
 - e. Client Agency
 - f. Facility
3. **The Occupancy/Utilization Inspection will be conducted to evaluate the area(s) to be occupied or equipment to be utilized for conformity to the Contract Documents. The use and/or occupancy of the work does not constitute acceptance of any portion so taken or used. The Occupancy/Utilization Inspection must be attended by the Department, the Professional, the Contractor(s) and a representative of the Using Agency.**
4. The Professional shall conduct the inspection, unless another party is designated by the Department.

B. Occupancy/Utilization

1. At the conclusion of the Occupancy/Utilization Inspection, the attendees shall review the responsibilities of the Contractor for maintenance, heat and utilities, the remaining items to be completed or corrected.
2. A Punch List, prepared by the Professional or designee, as determined by the Department, shall be generated and submitted through e-Builder. The Punch List shall indicate, in detail, all items requiring completion or correction. The failure to include an item on the Punch List will not relieve the Contractor(s) of its responsibility to complete all Work in accordance with the Contract Documents.
3. The Client Agency shall not be permitted to occupy nor utilize any portion of the Work until directed by the Department.
4. **The date of Occupancy/Utilization by the Client Agency shall be the start date of any warranties or guarantees associated with the occupied area(s) or utilized equipment.**

5. Any damage subsequent to the inspection due solely to the use and/or occupancy of the completed or partially completed portion of the Work shall not be the responsibility of the Contractor.

C. Final Inspection

1. The Final Inspection for the contract shall be requested and conducted in accordance with the General Conditions and this Administrative Procedure. The Contractor's request for a Final Inspection **must be submitted in e-Builder**.
2. **Within five (5) days of receipt of the request**, the Department will determine if the Project is at substantial completion. If determined to be at substantial completion, the Final Inspection will be conducted within ten (10) days by the Professional and observed by the Department and the following will be notified:
 - a. Director of Bureau of Construction
 - b. Professional (Bureau of Design, Project Manager)
 - c. Prime Contractor(s), as required
 - d. Project Site
 - e. Client Agency
 - f. Facility
3. The Final Inspection must be attended by the Department, the Professional, the Contractor(s) and a representative of the Client Agency.
4. The Contractor shall submit, at the Final Inspection, a Final Invoice for Payment to the Assistant Project Coordinator. The final Invoice should be completed and submitted in its entirety and in accordance with the e-Builder Invoice process.
5. The Professional, in conjunction with the Department shall conduct the Final Inspection. The inspection shall include all aspects of the Contract(s), including any areas or equipment previously occupied or utilized by the Client Agency or Department. If the work is at "substantially completion", in accordance with the definition set forth in the General Conditions, a final inspection shall be conducted at which time a punch list shall be generated and processed in e-Builder.:

If, through the course of the inspection, it is determined by the Professional that the work is not "substantially complete" in accordance with the definition in the General Conditions of Contract, the Professional shall notify the Department and the Contractor, through e-Builder, substantiating the reasons for the denial.

6. At the Department's discretion, the Professional shall visit the site for the purpose of verifying and accepting Punch List work. The Department will be responsible for managing the punch list completion process and requesting the Professional's presence..

Conclusion of Final Inspection

1. At the conclusion of the Final Inspection, the attendees shall review all of the remaining responsibilities of the Contractor, the remaining responsibilities of the Professional, the status of all pending change orders, the status of all pending Requests for Extension of Time Change Orders, the status of any pending claims against the Department or any other Prime Contractor and any other obligations of any party necessary to fulfill the requirements of the Contract Documents. Upon completion of this review the Contractor, Professional and the Construction Regional Director or designee shall

approve the punch list containing these items to indicate their concurrence with the remaining responsibilities of each party.

2. The Punch List shall indicate, in detail, all items requiring completion or correction and a reasonable cost of completion plus one and one-half times the aggregate value of the items.

ADMINISTRATIVE PROCEDURE NO. 13

SMALL DIVERSE BUSINESS and VETERAN BUSINESS ENTERPRISE PARTICIPATION

- A. **General Information:** The Contractor must meet or exceed the participation percentages provided in Article 9 Small Diverse Business and Veteran Business Enterprise Participation in the Contract by the Final Inspection of the Contract on the Project. By entering the Contract, the Contractor acknowledged that the total percentages committed to Small Diverse Businesses (SDB) and Veteran Business Enterprises (VBE) are contractual obligations..
- B. **Contractor's Duty.**
- a. The Contractor must meet or exceed the participation percentages provided by the Final Inspection of the Contract as applied to the Contract Sum. This will be tracked by BDISBO through the Department's Compliance Management Software.
 - b. The Contractor shall update SDB/VBE payment information in the Department's Compliance Management Software by the 15th of the following month in which payment was made to subcontractor/supplier..
- C. **The Contractor's Commitments Toward Their Participation Goal Percentages will be Calculated and Credited as follows:**
- a. Only DGS-verified Small Diverse Businesses and DGS-verified Veteran Business Enterprises can be credited toward satisfying the participation percentages.
 - b. SDB/VBE subcontractors performing at least fifty percent (50%) of the subcontract with their own employees will be credited toward the participation percentages at 100 percent of the total dollar value of the subcontract/supply contract. Any SDB/VBE subcontract, where the subcontractor performs less than 50% of the subcontract, will not be credited toward the participation percentages.
 - c. SDB/VBE stocking suppliers are credited at 60 percent of the total cost of the materials or supplies purchased. A stocking supplier is a regular dealer that owns, operates, or maintains a store, warehouse, or other establishment, in which the materials or supplies of the general character described by the specifications and required under the contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business.
 - d. SDB/VBE nonstocking suppliers are credited at only the amount of the fee or commission charged by the SDB/VBE nonstocking supplier for assistance in the procurement of the materials and supplies provided the fees are reasonable and not excessive as compared with fees customarily allowed for similar services and under no circumstances shall the credit, for a SDB/VBE nonstocking supplier, exceed 10% of the purchase order cost. A nonstocking supplier does not carry inventory but orders materials from a manufacturer, manufacturer's representative or a stocking supplier. In order for a nonstocking supplier to receive credit, it must perform a useful business function by engaging in meaningful work (i.e., negotiating price; AND determining quality and quantity; AND ordering materials; AND paying for the materials) and the fee or commission must be provided with the purchase order. Industry practices and other relevant factors will be considered.

- e. SDB/VBE manufacturers are credited at 100 percent of the total cost of the materials or supplies purchased from the SDB/VBE manufacturer. A SDB/VBE manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles or equipment required under the Contract and of the general character described by the specifications.
- f. A Contractor's Small Diverse Business participation percentage is calculated by adding all the dollar commitments (as described in this section D) to DGS-verified Small Diverse Business subcontractors, DGS-verified Small Diverse Business manufacturers, DGS-verified Small Diverse Business stocking suppliers, and the fee or commission paid to the DGS-verified Small Diverse Business nonstocking supplier and dividing that total amount by the total contract award price.
- g. A Contractor's Veteran Business Enterprise participation percentage is calculated by adding all the dollar commitments (as described in this section D) to DGS-verified Veteran Business Enterprise subcontractors, DGS-verified Veteran Business Enterprise manufacturers, DGS-verified Veteran Business Enterprise stocking suppliers, and the fee or commission paid to the DGS-verified Veteran Business Enterprise nonstocking supplier and dividing that total amount by the total contract award price.

D. Remedies

- a. The Contractor's compliance with the SDB and VBE participation requirements, including the fulfillment of any SDB or VBE commitments in all subcontracts and purchase orders is material to the contract between the Contractor and the DGS. Any failure to comply with these requirements constitutes a substantial breach of the Contract. It is further understood and agreed that in the event the DGS determines that the Contractor has failed to comply with these requirements, the DGS may, in addition to any other rights and remedies the DGS may have under the contract, any bond filed in connection therewith, or at law or in equity, impose remedies as applicable on the Contractor. Remedies for breach of this component may include, but are not limited to, withholding of payments; termination of the contract along with consequential damages; revocation of the prime contractor's SB, SDB, and/or VBE status; a determination that the Contractor's SDB or VBE participation submittal be deemed non-responsible in future procurements; and/or any actions under the Commonwealth's Contractor Responsibility Program, up to and including suspension or debarment from future contracting opportunities with the Commonwealth. The remedies enumerated herein are for the sole benefit of the DGS and the DGS's enforcement of any provision or the DGS's indulgence of any non-compliance with any provision hereunder shall not operate as a waiver of any of the DGS's rights in connection with the Contract, nor shall it give rise to actions by any third parties, including any SDBs or VBEs.