

109.05 Fuel Escalation. The Fuel Escalation Clause is not in effect for this contract, therefore this Subsection of the Standard Specifications is hereby deleted. ~~Delete for construction estimate greater than \$250,000. Delete all language below for construction estimate less than \$250,000.~~

This Subsection of the Standard Specifications is hereby deleted and the following substituted therefore:

The use of the price adjustment provisions developed and implemented herein are intended to minimize the cost effects of price uncertainty to the Contractor and the Department for fuel used on specific items in the construction of the contract. The price adjustment provisions are not intended to compensate the Contractor for what would be considered normal day-to-day fluctuations or seasonal changes. The price adjustment provisions are not intended to serve as a guarantee for full compensation for fuel price fluctuations but are intended to provide for a sharing, by the Department, in a portion of the Contractor's risk which could result from unusual price fluctuations. The price adjustment provisions do not serve to relieve the Contractor of risks associated with fluctuation in prices beyond the amount adjusted by the provisions.

The Fuel Escalation Clause, as described herein, shall be in effect throughout the life of the contract on every progress payment.

The weekly fuel price will be determined by the Department using the Weekly West Coast (PADD 5) Except California No 2 Diesel Retail prices (Dollars Per Gallon) from the U.S. Energy Information Administration website: https://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=pets&s=emd_epd2d_pte_r5xca_dpg&f=w.

The adjustment will be calculated by comparing a Base Price to the Current Price. The method for determining the adjustment will be as described in the following paragraphs:

- (a) Fuel Factor (Ff). The Fuel Factor is an estimated fuel usage, in gallons per bid item unit, as determined by the Department in Table I.
- (b) Base Price (Bp). The Base Price is the weekly average price using the price posted on the Monday of the week of bid opening.
- (c) Current Price (Cp). The Current Price is the weekly average price using the price posted on the Monday of the week prior to the end of the associated progress payment period.
- (d) Item Price Fuel Adjustments (IPFA). If applicable, Item Price Fuel Adjustments will be computed and an adjusted amount for all items will be summarized. The adjusted amount will be applied or deducted as evidenced by the Price Fuel Adjustment (Pa) on the associated progress payment.
- (e) The adjustment for said fuel escalation will be subject to increase or decrease in accordance with the following provisions for fuel price fluctuations exceeding 10%. If the Current Price (Cp) is within 10% of the Base Price (Bp), then no adjustment will be made on the associated progress payment.

The adjustment will be determined in accordance with the following formula used during the progress payment period:

$$A = Bp \pm (0.10 * Bp)$$

If current price is higher than base price, formula should include +
If current price is lower than base price, formula should include -

For the Item Price Fuel Adjustment per bid item for the progress payment period:

$$IPFA = (Cp - A) * Ff * Q$$

- Where:
- A = The Adjusted Base Price
 - Bp = The Base Price as defined in paragraph (b)
 - Cp = The Current Price as defined in paragraph (c)
 - Ff = The Fuel Factor as defined in paragraph (a)
 - IPFA = Item Price Fuel Adjustment calculated per bid item
 - Q = Quantity of bid item installed during the progress payment (excluding payments for Stockpiled Materials)

- (f) Payment of compensation provided herein will be made as part of the progress payment. The Contractor shall be liable to the state for decreased compensation adjustments and the Department may deduct the amount thereof from any monies due or that may become due the Contractor.

TABLE I

Bid Item of Work	Unit of Measure	Description of Work	Gallons Per Unit, Ff
201	Acre	Clearing and Grubbing	20.800
201	Station	Clearing and Grubbing	0.477
201	Mile	Clearing and Grubbing	25.120
202	Square Yard	Removals	0.051
202	Cubic Yard	Removals	0.132
203	Station	Excavation/Embankments	77.333
203	Mile	Excavation/Embankments	77.333
203	Cubic Yard	Excavation/Embankments	0.147
203	Square Yard	Excavation/Embankments	0.029
206	Cubic Yard	Structure Excavations	0.124
207	Cubic Yard	Backfill	0.068
209	Cubic Yard	Backfill	0.068
211	Cubic Yard	Topsoil Salvage	0.072
212	Ton	Rock Mulch	0.505
212	Square Yard	Rock Mulch	0.345
302	Cubic Yard	Aggregate Base Courses	0.368
302	Ton	Aggregate Base Courses	0.184
304	Ton	Portland Cement Base	0.102
305	Square Yard	Roadbed Modification	0.097
305	Station	Roadbed Modification	5.6000
307	Ton	Shouldering	0.181
402	Square Yard	Plantmix Surfacing	0.128
402	Ton	Plantmix Surfacing	0.627
402	Mile	Plantmix Surfacing	320.000
402	Linear Foot	Plantmix Surfacing	0.064
403	Ton	Plantmix Surfacing	0.478
403	Mile	Plantmix Surfacing	16.000
408	Square Yard	Surface Treatment	0.013
408	Ton	Surface Treatment	0.420
409	Square Yard	Portland Cement Concrete Pavement	0.042
409	Cubic Yard	Portland Cement Concrete Pavement	0.346
409	Linear Foot	Portland Cement Concrete Pavement	0.160
409	Mile	Portland Cement Concrete Pavement	130.909
410	Square Yard	Portland Cement Concrete Pavement Resurfacing	0.015
410	Linear Foot	Portland Cement Concrete Pavement Resurfacing	0.160
496	Square Yard	Structure Surfacing	0.076
497	Cubic Foot	Structure Surfacing	0.101

Bid Item of Work	Unit of Measure	Description of Work	Gallons Per Unit, Ff
502	Cubic Yard	Concrete Structures	0.360
502	Linear Foot	Concrete Structures	0.089
502	Linear Foot	Hydraulic Precast Structures	4.480
503	Each	Precast Members	13.333
508	Linear Foot	Driven Piles	0.233
509	Linear Foot	Drilled Shaft Foundations	1.681
603	Linear Foot	Reinforced Concrete Pipe	1.080
604	Linear Foot	Corrugated Metal Pipe	1.080
605	Linear Foot	Plastic Pipe	1.080
607	Linear Foot	Plastic Pipe	1.080
608	Each	Embankment Protectors	5.750
609	Each	Drop Inlets/Manholes	3.263
610	Cubic Yard	Riprap and Riprap Bedding	1.133
610	Square Foot	Grouted Riprap	0.272
642	Cubic Yard	Mechanically Stabilized Earth Backfill	0.400
644	Linear Foot	Soil Nails	0.141

Carded 07/2/2024