


Instructions:

1. Refer to the CapEx & Specifications Guidelines on how to complete the Engineer's Estimate within CapEx's Define Scope of Work page.
2. On the Define Scope of Work page, click "Printable Engineer's Estimate":

Home > [Contract Query & Support](#) > [Contract Summary](#) > Scope of Work

Scope of Work [Printer Friendly Version](#)

Project: [5000040008: TPK Lighting Upgrades I/C 14](#)
Contract:  [T200.693: Roadway Lighting Improvements at Turnpike Interchange No.14](#)

Filter

<input checked="" type="checkbox"/> Total	<input checked="" type="checkbox"/> Base
<input type="checkbox"/> Section Totals	<input type="checkbox"/> Optional
<input type="checkbox"/> Line Items	<input type="checkbox"/> Performance

[Printable Engineer's Estimate](#) [Apply](#)

3. A sample is shown on the following page.



ENGINEER'S ESTIMATE

NJTA Project Mgr:	Antwan Malek	Roadway(s):	NJT
Design Consultant:	Michael Baker International, Inc.	Last Updated By:	Nirav Shah
Design Project Mgr:	Nirav Shah	Date:	04-10-2025
NJTA OPS No:		Version:	Addendum 2
NJTA Contract No:	T200.693		

Project Name:	T200.693, Roadway Lighting Improvements at Turnpike Interchange No.14
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ITEM NO.	UNIT CODE	DESCRIPTION	UNIT OF MEASURE	QTY.	UNIT PRICE	LINE TOTAL
1	104-0001	Construction Layout	L.S.	1	\$ 50,000.00	\$ 50,000.00
2	104-0002	Mobilization	L.S.	1	\$ 451,000.00	\$ 451,000.00
3	107-0001	Progress Schedule	L.S.	1	\$ 20,000.00	\$ 20,000.00
4	108-0001	Fuel Price Adjustment (No-Bid)	USD	1,000	\$ 1.00	\$ 1,000.00
5	108-N0002	Allowance for Unforeseen Work (No-Bid)	USD	200,000	\$ 1.00	\$ 200,000.00
6	108-N0004	Steel Price Adjustment (No-Bid)	USD	1,000	\$ 1.00	\$ 1,000.00
7	202-0009	Environmental Testing for Unsuitable and Excess Materials (No-Bid)	USD	20,000	\$ 1.00	\$ 20,000.00
8	208-0007	Silt Fence	L.F.	8,895	\$ 10.00	\$ 88,950.00
9	208-0022	Inlet Filter, Type 2	Each	30	\$ 250.00	\$ 7,500.00
10	213-0002	Disposal of Regulated Material	Ton	340	\$ 100.00	\$ 34,000.00
11	213-0003	Disposal of Regulated Material, Hazardous	Ton	365	\$ 200.00	\$ 73,000.00
12	303-0001	Berm Surfacing, 3 Inches Thick	S.Y.	230	\$ 55.00	\$ 12,650.00
13	510-0001	Beam Guide Rail	L.F.	500	\$ 55.00	\$ 27,500.00
14	516-N0001	Removable Black Line Mask, 8in Wide	L.F.	300	\$ 5.00	\$ 1,500.00
15	517-0002	Furnish Field Office, Type B	L.S.	1	\$ 30,000.00	\$ 30,000.00
16	517-0008	Maintain Field Office, Type B	Mnth	14	\$ 3,500.00	\$ 49,000.00
17	517-0013	Furnish Office Supplies (No-Bid)	USD	15,000	\$ 1.00	\$ 15,000.00
18	522-0001	Test Pits	Each	30	\$ 800.00	\$ 24,000.00
19	531-0001	Force Account for Snow Removal (No-Bid)	USD	30,000	\$ 1.00	\$ 30,000.00
20	599-N0103	Transite Duct Removal	L.F.	1,000	\$ 46.00	\$ 46,000.00

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21	601-0001	Remove and Salvage Existing Facilities	L.S.	1	\$ 300,000.00	\$ 300,000.00
22	601-0009	3in Rigid Nonmetallic Conduit, PVC-(Schedule 40)	L.F.	11,925	\$ 33.00	\$ 393,525.00
23	601-0011	Lighting Manhole	Each	1	\$ 20,000.00	\$ 20,000.00
24	601-0012	3in Rigid Nonmetallic Conduit, PVC-(Schedule 80)	L.F.	265	\$ 95.00	\$ 25,175.00
25	601-0014	Junction Box Foundation, Type 1	Each	13	\$ 6,750.00	\$ 87,750.00
26	601-0015	Junction Box, Type C	Each	34	\$ 6,230.00	\$ 211,820.00
27	601-0019	#4 A.W.G. Ground Wire	L.F.	2,215	\$ 5.50	\$ 12,182.50
28	601-0020	#8 A.W.G. Ground Wire	L.F.	26,675	\$ 3.95	\$ 105,366.25
29	601-0026	Concrete Base, Type I	Each	28	\$ 6,000.00	\$ 168,000.00
30	601-0032	#8 A.W.G. Power Cable	L.F.	5,010	\$ 4.50	\$ 22,545.00
31	601-0056	#6 A.W.G. Ground Wire	L.F.	18,915	\$ 4.60	\$ 87,009.00
32	601-0067	#4 A.W.G. Power Cable	L.F.	99,310	\$ 6.30	\$ 625,653.00
33	601-0074	#2 A.W.G. Power Cable	L.F.	9,180	\$ 7.50	\$ 68,850.00
34	601-0142	Junction Box, Type 12in x 12in x 8in, Stainless Steel with Captive Latches	Each	15	\$ 3,300.00	\$ 49,500.00
35	601-0148	#6 A.W.G. Power Cable	L.F.	98,305	\$ 5.50	\$ 540,677.50
36	601-N0061	3in Rigid Metallic Conduit, PVC Coated, Exposed	L.F.	1,685	\$ 200.00	\$ 337,000.00
37	601-N0111	Abandonment Of Transite Duct	L.F.	8,570	\$ 4.00	\$ 34,280.00
38	601-N0112	Conduit, Inspection And Cleaning	L.F.	16,410	\$ 12.00	\$ 196,920.00
39	601-N0113	Conduit, Parapet Safety Walk Repair	L.F.	100	\$ 1,850.00	\$ 185,000.00
40	601-N0114	Conduit, Bridge/Transition Repair	Each	12	\$ 10,450.00	\$ 125,400.00

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41	601-N0115	Spare Parts, Electrical	L.S.	1	\$ 15,000.00	\$ 15,000.00
42	602-N0012	Electrical Studies	L.S.	1	\$ 10,000.00	\$ 10,000.00
43	602-N0019	Electrical Work at Location No. 1	L.S.	1	\$ 20,000.00	\$ 20,000.00
44	603-0008	Lighting Standard, Type L-MG-26	Each	32	\$ 4,700.00	\$ 150,400.00
45	603-0009	Type LP5 Luminaire	Each	3	\$ 3,000.00	\$ 9,000.00
46	603-0022	Lighting Standard, Type L-MG-26-SB	Each	3	\$ 6,000.00	\$ 18,000.00
47	603-0041	Type LP8 Luminaire	Each	55	\$ 3,200.00	\$ 176,000.00
48	603-0042	Type LP9 Luminaire	Each	44	\$ 3,640.00	\$ 160,160.00
49	603-0043	Type LP1 Luminaire	Each	163	\$ 3,500.00	\$ 570,500.00
50	603-0058	Underbridge Lighting Installation, Str. No. 1	L.S.	1	\$ 46,000.00	\$ 46,000.00
51	603-0062	Underbridge Lighting Installation Str. No. 2	L.S.	1	\$ 281,000.00	\$ 281,000.00
52	603-0063	Underbridge Lighting Installation, Str. No. 3	L.S.	1	\$ 279,000.00	\$ 279,000.00
53	603-0064	Underbridge Lighting Installation, Str. No. 4	L.S.	1	\$ 104,000.00	\$ 104,000.00
54	603-0078	Underbridge Lighting Installation, Str. No. 5	L.S.	1	\$ 230,000.00	\$ 230,000.00
55	603-0090	Type LP3 Luminaire	Each	80	\$ 3,180.00	\$ 254,400.00
56	603-N0006	Lighting Standard Foundation, Type XX	Each	3	\$ 30,000.00	\$ 90,000.00
57	603-N0048	Aviation Obstruction Lights (Single/Dual)	Each	34	\$ 4,000.00	\$ 136,000.00
58	603-N0119	Troubleshoot and Repair of Existing Lighting Facilities	L.S.	1	\$ 100,000.00	\$ 100,000.00
59	801-0001	Furnishing Traffic Control Devices	L.S.	1	\$ 1,060,000.00	\$ 1,060,000.00
60	801-0009	Furnishing Portable Variable Message Sign	Each	4	\$ 10,000.00	\$ 40,000.00

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ITEM NO.	UNIT CODE	DESCRIPTION	UNIT OF MEASURE	QTY.	UNIT PRICE	LINE TOTAL
61	801-0013	Furnishing Truck with Mounted Attenuator	Each	3	\$ 20,000.00	\$ 60,000.00
62	801-0014	Furnishing Truck with Mounted Attenuator for Engineer's Use	M.H.	250	\$ 120.00	\$ 30,000.00
63	801-0015	Repair Truck Mounted Impact Attenuators	Each	14	\$ 7,000.00	\$ 98,000.00
64	803-N0001	Maintenance and Protection of Traffic on State, County, and Local Roadways	L.S.	1	\$ 108,500.00	\$ 108,500.00
65	804-N0001	Railroad Reimbursement Costs (No-Bid)	USD	45,000	\$ 1.00	\$ 45,000.00
66	603-0122	Type N1 Luminaire	Each	19	\$ 3,500.00	\$ 66,500.00
					TOTAL	\$ 8,936,213.25

The foregoing unit prices and lump sum figures represent the fair and reasonable cost of performing the work by contract, including profit.

Michael Baker International, Inc.

Nirav Shah, P.E.
Design Project Manager

GCE Project Manager