

TMMOB ELEKTRİK MÜHENDİSLERİ ODASI 01.07.2022 - 31.12.2022 YILI															
KISIM I- YAPI İÇİ ELEKTRİK TESİSATI MÜHENDİSLİK HİZMETLERİ ve ASGARİ ÜCRETLERİ															
PROJE İHALE DOSYASI (PİD) BEDELLERİ															
YAPI ALANI m ²	1A SINIF 605,00 TL/m ² OK=0,82	1B SINIF 910,00 TL/m ² OK=0,89	2A SINIF 1.500,00 TL/m ² OK=0,91	2B SINIF 2.210,00 TL/m ² OK=0,71	2C SINIF 2.425,00 TL/m ² OK=0,77	3A SINIF 3.200,00 TL/m ² OK=0,61	3B SINIF 4.275,00 TL/m ² OK=0,55	4A SINIF 4.580,00 TL/m ² OK=0,60	4B SINIF 5.440,00 TL/m ² OK=0,58	4C SINIF 5.875,00 TL/m ² OK=0,60	5A SINIF 7.090,00 TL/m ² OK=0,54	5B SINIF 8.595,00 TL/m ² OK=0,55	5C SINIF 9.525,00 TL/m ² OK=0,58	5D SINIF 11.175,00 TL/m ² OK=0,59	
100	874	1.454	2.746	3.135	3.746	4.360	5.200	5.976	6.943	7.719	9.140	11.303	13.239	15.727	
200	1.712	2.777	5.296	6.040	7.203	8.430	10.044	11.625	13.468	14.984	17.794	22.023	25.769	30.647	
300	2.454	4.004	7.654	8.719	10.431	12.241	14.595	16.954	19.633	21.798	25.963	32.132	37.621	44.726	
400	3.135	5.102	9.851	11.207	13.401	15.791	18.795	21.894	25.382	28.192	33.648	41.656	48.795	57.997	
500	3.715	6.105	11.819	13.468	16.080	19.053	22.703	26.514	30.742	34.164	40.882	50.602	59.257	70.462	
600	4.262	7.010	13.628	15.500	18.535	22.056	26.254	30.807	35.684	39.655	47.599	58.935	69.039	82.056	
700	4.749	7.783	15.211	17.308	20.731	24.769	29.515	34.746	40.269	44.726	53.864	66.716	78.116	92.872	
800	5.136	8.430	16.632	18.924	22.639	27.223	32.421	38.364	44.433	49.375	59.644	73.852	86.511	102.852	
900	5.489	8.977	17.955	20.442	24.446	29.386	35.004	41.592	48.212	53.575	64.971	80.440	94.197	111.989	
1.000	5.747	9.429	18.893	21.507	25.738	31.292	37.299	44.533	51.572	57.319	69.784	86.414	101.202	120.320	
1.100	6.234	10.238	20.538	23.379	27.999	33.939	40.429	48.244	55.898	62.130	75.598	93.617	109.833	130.331	
1.200	6.716	11.014	22.088	25.158	30.096	36.458	43.466	51.829	60.064	66.749	81.216	100.558	117.770	139.986	
1.300	7.170	11.754	23.606	26.867	32.132	38.913	46.372	55.413	64.197	71.334	86.929	107.630	126.069	149.868	
1.400	7.621	12.499	25.027	28.515	34.100	41.269	49.182	58.741	68.072	75.629	92.129	114.088	133.623	158.845	
1.500	8.041	13.175	26.449	30.096	36.007	43.659	52.023	62.098	71.947	79.955	97.134	120.255	140.858	167.436	
1.600	8.461	13.855	27.772	31.616	37.814	45.824	54.606	65.329	75.693	84.121	102.107	126.424	148.092	176.024	
1.700	8.848	14.531	29.064	33.068	39.591	47.921	57.125	68.299	79.115	87.899	106.694	132.107	154.712	183.934	
1.800	9.235	15.147	30.289	34.488	41.269	49.924	59.515	71.107	82.378	91.549	111.311	137.792	161.396	191.849	
1.900	9.622	15.758	31.485	35.813	42.883	51.861	61.776	73.981	85.702	95.231	115.475	142.958	167.436	199.048	
2.000	9.980	16.340	32.614	37.105	44.402	53.832	64.133	76.532	88.675	98.555	119.415	147.867	173.183	205.862	
2.200	10.656	17.503	34.715	39.495	47.276	57.221	68.170	81.505	94.390	104.917	126.972	157.231	184.130	218.910	
2.400	11.238	18.406	36.587	41.656	49.828	60.226	71.787	85.702	99.299	110.344	133.754	165.593	193.945	230.566	
2.600	11.883	19.473	38.686	44.015	52.701	63.873	76.113	90.386	104.724	116.380	141.116	174.699	204.601	243.223	
2.800	12.628	20.700	41.076	46.727	55.929	67.719	80.700	95.747	110.924	123.290	149.352	184.937	216.584	257.464	
3.000	13.304	21.798	43.370	49.375	59.064	71.205	84.864	100.880	116.867	129.879	157.231	194.690	228.016	271.059	
3.200	14.015	22.961	45.596	51.894	62.098	74.757	89.061	105.789	122.581	136.207	164.755	203.990	238.896	284.009	
3.400	14.629	23.962	47.534	54.090	64.746	78.116	93.099	110.473	127.974	142.247	171.891	212.805	249.263	296.311	
3.600	15.276	25.027	49.568	56.416	67.523	81.376	96.940	114.928	133.141	147.963	178.639	221.200	259.047	307.971	
3.800	15.887	26.060	51.538	58.641	70.171	84.444	100.622	118.803	137.629	152.934	185.066	229.112	268.347	318.980	
4.000	16.438	26.932	53.379	60.773	72.721	87.094	103.755	122.774	142.247	158.070	191.073	236.571	277.066	329.378	
4.200	17.019	27.901	54.962	62.552	74.853	89.837	107.049	126.520	146.576	162.881	196.722	243.580	285.268	339.132	
4.400	17.665	28.933	56.640	64.455	77.147	92.454	110.180	130.042	150.675	167.436	202.018	250.103	292.922	348.238	
4.600	18.117	29.677	58.255	66.296	79.344	94.940	113.121	133.334	154.486	171.864	206.927	256.204	300.057	356.697	
4.800	18.635	30.518	59.773	68.008	81.409	97.232	115.864	136.436	158.036	175.637	211.449	261.824	306.613	364.512	
5.000	19.022	31.194	60.936	69.364	82.990	99.008	117.994	138.790	160.784	178.672	214.970	266.151	311.715	370.552	
6.000	21.927	35.909	69.944	79.633	95.295	113.379	135.111	158.588	183.710	204.150	245.226	303.609	355.568	422.702	
7.000	24.511	40.171	77.921	88.708	106.144	125.940	150.062	175.733	203.570	226.237	271.222	335.806	393.286	467.524	
8.000	26.932	44.144	85.671	97.523	116.703	137.887	164.301	192.494	223.009	247.842	296.182	366.677	429.453	510.536	
9.000	29.613	48.537	93.552	106.469	127.394	150.351	179.157	209.737	242.965	270.026	322.437	399.227	467.557	555.809	
10.000	32.132	52.701	100.751	114.702	137.240	162.527	193.656	225.464	261.211	290.274	346.332	428.807	502.206	596.983	
12.500	37.330	61.194	118.059	134.368	160.784	188.972	225.172	261.695	303.191	336.935	401.390	496.974	582.032	691.922	
15.000	42.530	69.686	132.947	151.320	181.093	212.029	252.653	294.149	340.779	378.689	451.830	559.395	655.173	778.852	
17.500	46.921	76.954	145.864	166.046	198.694	232.825	277.422	321.628	372.584	414.049	492.292	609.513	713.848	848.603	
20.000	50.991	83.572	159.328	181.351	217.002	252.458	300.832	348.625	403.878	448.829	530.752	657.143	769.648	914.930	
22.500	54.766	89.806	169.761	193.205	231.211	267.024	318.173	368.744	427.192	474.727	561.300	694.924	813.887	967.533	
25.000	58.300	95.102	178.058	202.665	242.513	283.458	337.775	388.409	449.956	500.042	593.786	735.193	861.035	1.023.591	
27.500	60.678	99.459	187.165	213.032	254.912	295.183	351.724	403.813	467.782	519.871	613.032	759.025	888.934	1.056.756	
30.000	62.776	102.883	193.107	219.779	263.020	306.128	364.805	417.793	483.993	537.855	640.900	793.512	929.334	1.104.773	
35.000	67.232	110.213	210.513	239.608	286.722	333.351	397.226	460.872	533.915	593.332	701.287	868.267	1.016.875	1.208.852	
40.000	72.270	118.481	225.786	257.013	307.549	356.795	425.156	492.615	570.698	634.215	748.367	926.586	1.085.205	1.290.066	
45.000	76.178	124.875	239.770	272.931	326.602	377.557	449.925	524.358	607.445	675.066	794.159	983.260	1.151.567	1.368.987	
50.000	80.829	132.527	253.234	288.238	344.912	396.837	472.884	549.449	636.540	707.389	849.214	1.051.461	1.231.422	1.463.894	
55.000	84.735	138.921	264.054	300.543	359.667	415.728	495.394	578.350	669.995	744.588	875.759	1.084.300	1.269.915	1.509.652	
60.000	87.868	144.057	275.386	313.460	375.103	435.394	518.837	602.503	697.992	775.688	915.576	1.133.579	1.327.622	1.578.273	
70.000	95.876	157.167	299.123	340.488	407.430	470.916	561.140	649.877	752.856	836.655	993.853	1.230.520	1.441.161	1.713.219	
80.000	101.947	167.143	316.526	360.283	431.163	501.916	598.081	697.249	807.751	897.653	1.061.536	1.314.319	1.539.296	1.829.859	
90.000	114.702	188.005	356.117	405.330	485.060	564.658	672.836	784.405	908.698	1.009.836	1.194.224	1.478.587	1.731.692	2.058.616	
100.000	127.458	208.899	395.674	450.378	538.953	627.403	747.594	871.562	1.009.676	1.122.052	1.326.911	1.642.888	1.924.121	2.287.341	
Mesleki Denetim Bedelleri TL															
200 TL															
Güçü 50 kW ve altı projelerde mesleki denetim bedeli 40 TL olarak uygulanır.															

Hesaplama Formülü: Proje Asgari Ücreti (PAÜ) = YYA x BM x MMHK x HDO x HBO x BK x OK

(BM) Birim Maliyet: Yapının, birim ölçüsünün (binalarda birim alanının), Çevre ve Şehircilik Bakanlığınca her yıl mimarlık hizmetlerine esas olan sınıflar için ayrı ayrı tespit edilerek ilan edilen maliyetler (Birim TL/m²'dir).

(YYA) Yapı Yaklaşık Alanı: Bina veya tesislerin, oturma veya kullanma alanı ile kat adedinin çarpımından bulunan alan ile mühendislik hizmeti gerektiren açık ve kapalı çıkma alanları toplamıdır.

TMMOB ELEKTRİK MÜHENDİSLERİ ODASI 01.07.2022 - 31.12.2022 YILI
KISIM I- YAPI İÇİ ELEKTRİK TESİSATI MÜHENDİSLİK HİZMETLERİ ve ASGARİ ÜCRETLERİ
TEKNİK UYGULAMA SORUMLULUĞU (FENNİ MESULİYET) (TUS) BEDELLERİ

YAPI ALANI m ²	1A SINIF 605,00 TL/m ² OK=0,82	1B SINIF 910,00 TL/m ² OK=0,89	2A SINIF 1.500,00 TL/m ² OK=0,91	2B SINIF 2.210,00 TL/m ² OK=0,71	2C SINIF 2.425,00 TL/m ² OK=0,77	3A SINIF 3.200,00 TL/m ² OK=0,61	3B SINIF 4.275,00 TL/m ² OK=0,55	4A SINIF 4.580,00 TL/m ² OK=0,60	4B SINIF 5.440,00 TL/m ² OK=0,58	4C SINIF 5.875,00 TL/m ² OK=0,60	5A SINIF 7.090,00 TL/m ² OK=0,54	5B SINIF 8.595,00 TL/m ² OK=0,55	5C SINIF 9.525,00 TL/m ² OK=0,58	5D SINIF 11.175,00 TL/m ² OK=0,59
100	524	874	1.647	1.880	2.248	2.617	3.120	3.586	4.166	4.630	5.485	6.781	7.944	9.437
200	1.030	1.668	3.176	3.623	4.322	5.056	6.026	6.974	8.081	8.990	10.675	13.214	15.463	18.387
300	1.473	2.402	4.593	5.231	6.261	7.344	8.757	10.173	11.781	13.079	15.577	19.280	22.574	26.836
400	1.880	3.062	5.911	6.725	8.041	9.474	11.276	13.137	15.230	16.917	20.188	24.993	29.276	34.798
500	2.230	3.663	7.093	8.081	9.649	11.432	13.622	15.908	18.445	20.500	24.529	30.362	35.556	42.276
600	2.556	4.206	8.176	9.300	11.120	13.235	15.754	18.483	21.412	23.793	28.558	35.360	41.425	49.232
700	2.850	4.670	9.125	10.385	12.438	14.862	17.707	20.848	24.161	26.836	32.319	40.030	46.869	55.723
800	3.080	5.056	9.980	11.355	13.582	16.334	19.452	23.017	26.661	29.625	35.786	44.312	51.906	61.712
900	3.295	5.387	10.774	12.266	14.668	17.632	21.002	24.956	28.929	32.144	38.983	48.264	56.518	67.194
1.000	3.449	5.658	11.336	12.904	15.442	18.774	22.379	26.720	30.942	34.393	41.870	51.848	60.721	72.193
1.100	3.742	6.142	12.324	14.028	16.798	20.363	24.257	28.945	33.538	37.278	45.356	56.168	65.780	78.200
1.200	4.031	6.606	13.252	15.095	18.056	21.875	26.079	31.098	36.038	40.048	48.730	60.332	70.662	83.992
1.300	4.301	7.051	14.163	16.120	19.280	23.348	27.824	33.249	38.517	42.800	52.158	64.580	75.639	89.920
1.400	4.574	7.498	15.018	17.110	20.461	24.762	29.511	35.244	40.843	45.377	55.280	68.455	80.176	95.308
1.500	4.826	7.906	15.868	18.056	21.605	26.196	31.212	37.261	43.168	47.973	58.282	72.153	84.515	100.462
1.600	5.075	8.312	16.663	18.970	22.689	27.493	32.764	39.198	45.415	50.473	61.264	75.856	88.856	105.614
1.700	5.308	8.719	17.439	19.839	23.756	28.752	34.274	40.980	47.470	52.738	64.014	79.265	92.826	110.363
1.800	5.543	9.088	18.175	20.694	24.762	29.954	35.709	42.663	49.425	54.931	66.787	82.674	96.839	115.107
1.900	5.774	9.456	18.893	21.486	25.732	31.117	37.066	44.389	51.422	57.138	69.287	85.775	100.462	119.427
2.000	5.986	9.805	19.569	22.262	26.643	32.298	38.480	45.920	53.204	59.132	71.650	88.720	103.911	123.519
2.200	6.394	10.502	20.829	23.697	28.365	34.332	40.901	48.903	56.636	62.951	76.182	94.338	110.477	131.346
2.400	6.743	11.045	21.954	24.993	29.898	36.136	43.073	51.422	59.580	66.206	80.253	99.357	116.368	138.339
2.600	7.130	11.685	23.213	26.410	31.620	38.324	45.668	54.232	62.835	69.828	84.671	104.820	122.762	145.933
2.800	7.575	12.420	24.644	28.036	33.557	40.631	48.418	57.450	66.556	73.975	89.611	110.962	129.950	154.480
3.000	7.983	13.079	26.023	29.625	35.437	42.723	50.918	60.528	70.119	77.927	94.338	116.813	136.808	162.635
3.200	8.407	13.776	27.358	31.138	37.261	44.855	53.437	63.473	73.549	81.725	98.852	122.393	143.339	170.406
3.400	8.780	14.377	28.519	32.454	38.848	46.869	55.860	66.283	76.785	85.349	103.137	127.683	149.558	177.788
3.600	9.167	15.018	29.742	33.850	40.514	48.826	58.163	68.956	79.887	88.776	107.182	132.721	155.428	184.783
3.800	9.533	15.637	30.923	35.187	42.103	50.667	60.374	71.282	82.576	91.761	111.039	137.469	161.009	191.389
4.000	9.861	16.157	32.030	36.464	43.632	52.256	62.254	73.663	85.349	94.844	114.643	141.943	166.240	197.627
4.200	10.211	16.740	32.976	37.532	44.911	53.901	64.230	75.912	87.944	97.727	118.034	146.149	171.159	203.478
4.400	10.600	17.362	33.983	38.673	46.288	55.474	66.109	78.025	90.405	100.462	121.212	150.062	175.572	208.942
4.600	10.870	17.807	34.952	39.780	47.605	56.963	67.872	80.001	92.691	103.000	124.157	153.722	180.034	214.020
4.800	11.180	18.310	35.863	40.805	48.845	58.338	69.518	81.860	94.821	105.381	126.870	157.094	183.970	218.708
5.000	11.413	18.718	36.562	41.619	49.795	59.405	70.797	83.275	96.470	107.205	128.981	159.690	187.032	222.331
6.000	13.156	21.545	41.968	47.780	57.175	68.026	81.066	95.152	110.225	122.489	147.135	182.164	213.339	253.621
7.000	14.706	24.101	46.754	53.225	63.688	75.564	90.037	105.439	122.140	135.743	162.733	201.483	235.972	280.515
8.000	16.157	26.487	51.405	58.512	70.021	82.732	98.582	115.496	133.806	148.705	177.709	220.006	257.670	306.322
9.000	17.767	29.122	56.131	63.881	76.436	90.212	107.494	125.844	145.779	162.015	193.463	239.537	280.534	333.486
10.000	19.280	31.620	60.451	68.821	82.345	97.517	116.193	135.277	156.726	174.165	207.800	257.284	301.323	358.191
12.500	22.400	36.718	70.836	80.621	96.470	113.383	135.104	157.015	181.915	202.159	240.833	298.185	349.217	415.153
15.000	25.517	41.812	79.768	90.794	108.657	127.219	151.590	176.488	204.468	227.213	271.097	335.639	393.103	467.312
17.500	28.155	46.172	87.518	99.628	119.217	139.695	166.452	192.976	223.552	248.429	295.377	365.708	428.309	509.161
20.000	30.595	50.143	95.597	108.813	130.202	151.476	180.500	209.175	242.326	269.296	318.452	394.285	461.787	548.960
22.500	32.862	53.882	101.856	115.923	138.726	160.214	190.907	221.245	256.314	284.835	336.779	416.955	488.332	580.520
25.000	34.817	57.061	106.833	121.599	145.508	170.075	202.665	233.045	269.974	300.025	356.271	441.116	516.620	614.155
27.500	36.406	59.675	112.299	127.818	152.947	177.108	211.035	242.289	280.671	311.921	367.819	455.416	533.362	634.055
30.000	37.665	61.730	115.864	131.868	157.812	183.676	218.883	250.677	290.395	322.714	384.540	476.108	557.600	662.865
35.000	40.340	66.129	126.308	143.763	172.033	200.013	238.335	276.521	320.349	355.998	420.772	520.961	610.124	725.313
40.000	43.362	71.088	135.470	154.207	184.529	214.078	255.095	295.570	342.420	380.530	449.022	555.951	651.123	774.039
45.000	45.706	74.924	143.861	163.758	195.959	226.535	269.957	314.615	364.466	405.040	476.497	589.957	690.939	821.392
50.000	48.497	79.514	151.940	172.944	206.945	238.102	283.729	329.670	381.923	424.434	509.529	630.876	738.853	878.338
55.000	50.839	83.352	158.432	180.326	215.802	249.436	297.234	347.011	401.997	446.755	525.456	650.580	761.950	905.790
60.000	52.720	86.432	165.233	188.076	225.064	261.238	311.301	361.504	418.796	465.412	549.347	680.145	796.573	946.964
70.000	57.524	94.299	179.475	204.291	244.458	282.549	336.683	389.927	451.712	501.991	596.311	738.313	864.696	1.027.932
80.000	61.169	100.287	189.914	216.170	258.698	301.151	358.848	418.348	484.650	538.593	636.923	788.590	923.578	1.097.916
90.000	68.821	112.803	213.670	243.198	291.036	338.797	403.703	470.644	545.218	605.900	716.533	887.151	1.039.016	1.235.188
100.000	76.475	125.339	237.407	270.227	323.371	376.440	448.554	522.937	605.804	673.232	796.147	985.733	1.154.473	1.372.405
Mesleki Denetim Bedelleri TL						200 TL								
Gücü 50 kW ve altı projelerde mesleki denetim bedeli 40 TL olarak uygulanır.														

Teknik uygulama sorumluluğu (fenni mesuliyet) hizmetleri 25.07.2010 tarihinde 27652 sayılı Resmi Gazetede yayınlanarak yürürlüğe giren Türk Mühendis ve Mimar Odaları Birliği Elektrik Mühendisleri Odası Teknik Uygulama Sorumluluğu Uygulama Esasları Yönetmeliği çerçevesinde yapılır.