Ref. Ares(2023)8313160 - 05/12/2023

Supply of Equipment for Sustainable Urban Mobility for Trabzon
Location – Trabzon / Türkiye

Appendix 1: Delivery and installation locations

Lot 2 - Smart Bicycle System (SBS)
Item 2.2 SBS Stations installation locations

No	Geographic coordinates		WGS84 coordinates	
STATION-1*	41°1'11.89"K	39°35'4.66"D	Y:549172973	X:4542956.116
STATION-2	41°0'46.04"K	39°36'50.76"D	Y:551657.637	X:4542175.609
STATION-3	41°0'5.34"K	39°38'44.19"D	Y:554317.582	X:4540939.677
STATION-4*	41° 0'32.99"K	39°43'34.64"D	Y:561073.88	X:4540028.39
STATION-5	41° 0'22.97"K	39°43'0.49"D	Y:560278.66	X:4539712.86
STATION-6	41° 0'31.49"K	39°43'49.02"D	Y:561410.13	X:4539984.9
STATION-7*	41° 0'18.92"K	39°43'53.78"D	Y:561524.38	X:4539598.29

*2 charging units shall be installed.

Lot 3 – Peripheral smart city technologies

Item 3.1: IP PDU gateway

No	Geographic coordinates		WGS84 coordinates	
IP PDU 1	41°00'18"N	39°43'53"E	X: 41.00519	Y: 39.73143
IP PDU 2	41°00'19"N	39°43'48"E	X: 41.00533	Y: 39.7301
IP PDU 3	41°00'19"N	39°43'42"E	X: 41.00549	Y: 39.72834
IP PDU 4	41°00'21"N	39°43'35"E	X: 41.00589	Y: 39.72649
IP PDU 5	41°00'21"N	39°43'30"E	X: 41.00593	Y: 39.72516

Item 3.2: Outdoor air quality sensor
Item 3.3: Pedestrian counting sensor
Item 3.4: Noise sensor
Item 3.2, 3.3, 3.4 will be installed in the same location

No	Geographic coordinates	
STATION-1	41°00'20"N	39°43'52"E
STATION-2	41°00'16"N	39°43'52"E
STATION-3	41°00'20"N	39°43'48"E
STATION-4	41°00'18"N	39°43'48"E
STATION-5	41°00'20"N	39°43'42"E
STATION-6	41°00'18"N	39°43'41"E
STATION-7	41°00'22"N	39°43'35"E
STATION-8	41°00'20"N	39°43'35"E
STATION-9	41°00'22"N	39°43'31"E
STATION-10	41°00'20"N	39°43'30"E

Lot 5 - Dynamic Intersection Control System

No	Intersection address	Coordinate (K)	Coordinate (D)
1	2 Nolu Beşirli Girişi	40°59'43.69"K	39°40'17.37"D
2	H.Ziya Eyuboglu	41° 0'4.90"K	39°41'58.41"D
3	Orman Bölge Müdürlüğü	40°59'55.48"K	39°40'54.70"D
4	Trabzon Lisesi	41° 0'15.53"K	39°42'36.56"D
5	Yenimahalle Diş Hastanesi	41° 0'21.12"K	39°42'4.00"D

Lot 6 - Variable Message Sign (VMS)

Item 6.1 and 6.2 VMS installation locations

No	Location Name	Direction	Latitude	Longitude	Construction Type
1	Devlet Sahil Yolu Caddesi Tenis Kortları Önü	West to East	40°59'46.16"N	39°40'25.38"E	Item 6.2/Type 2
2	Yavuz Selim Bulvarı Batı Girişi (Karşıyaka Kavşağı)	West to East	40°59'48.03"N	39°40'49.44"E	Item 6.1/Type 1
3	Yavuz Selim Bulvarı Atapark Kavşağı	East to West	41° 0'12.25"N	39°42'55.25"E	Item 6.1/Type 1
4	Yavuz Selim Bulvarı Doğu Girişi (Esentepe Kavşağı)	East to West	41° 0'4.42"N	39°44'5.98"E	Item 6.1/Type 1
5	Milli Egemenlik Caddesi	West to East	40°59'55.73"N	39°45'32.87"E	Item 6.2/Type 2
6	Pazarkapı Camii Önü	West to East	41° 0'32.17"N	39°43'14.14"E	Item 6.2/Type 2

Lot 7 – Smart Bus shelter

Bus Stations installation locations

No	Bus station address	Coordinate (K)	Coordinate (D)
1	Moloz-Mumhane Durağı	41° 0'31.80"K	39°43'16.58"D
2	Sahil Peron Durağı	41° 0'31.15"K	39°43'32.84"D
3	Baro önü Durağı	41° 0'9.04"K	39°43'55.30"D
4	Havalimanı Durağı	40°59'41.80"K	39°46'45.52"D
5	Otogar Durağı	40°59'27.36"K	39°44'58.92"D