4-A.4 Breakdown of Lump-sum Price (SIGNALLING WORKS)

Item	Description	Unit	Quantity	Unit Price (EUR)	Price (EUR)
A.4.1	**Samsun Station with CTC (Central Traffic Control)**				
A.4.1.1	IECC (Integrated Electronic Control Centre) & EIE (Eletronic Interlocking Equipments)	L.S.	1		
A.4.1.2	CTC (including operator consoles, worksations, projection system, furnitures & fittings etc.)	L.S.	1		
A.4.1.3	UPS system	L.S.	1		
A.4.1.4	Signalling Outdoor Equipment	L.S.	1		
A.4.2	**Stations**				
A.4.2.1	ESB (Electronic Signal Box including Electronic Interlocking and civil works)	L.S.	1		
A.4.2.2	Workstation for Local Operation	L.S.	1		
A.4.2.3	UPS system	L.S.	1		
A.4.2.4	**Signalling Outdoor Equipment**				
A.4.2.4.1	Demirciköy	L.S.	1		
A.4.2.4.2	Meşelidüz	L.S.	1		
A.4.2.4.3	Çukurbük	L.S.	1		
A.4.2.4.4	Kavak	L.S.	1		
A.4.2.4.5	Ladik	L.S.	1		
A.4.2.4.6	Bekdiğin	L.S.	1		
A.4.2.4.7	Havza Gar	L.S.	1		
A.4.2.4.8	Hacibayram	L.S.	1		
A.4.2.4.9	Suluova	L.S.	1		
A.4.2.4.10	Boğazköy	L.S.	1		
A.4.2.4.11	Amasya Gar	L.S.	1		
A.4.2.4.12	Eryataği	L.S.	1		
A.4.2.4.13	Kayabaşi	L.S.	1		
A.4.2.4.14	Kizilca	L.S.	1		
A.4.2.4.15	Kizoğlu	L.S.	1		
A.4.2.4.16	Samurçay	L.S.	1		
A.4.2.4.17	Turhal	L.S.	1		
A.4.2.4.18	Zile	L.S.	1		
A.4.2.4.19	Yildiztepe	L.S.	1		
A.4.2.4.20	Güzelbeyli	L.S.	1		
A.4.2.4.21	Ulusulu	L.S.	1		
A.4.2.4.22	Artova	L.S.	1		
A.4.2.4.23	Yeşilyurt	L.S.	1		
A.4.2.4.24	Topulyurdu	L.S.	1		
A.4.2.4.25	Çamlibel	L.S.	1		
A.4.2.4.26	Subaşi	L.S.	1		
A.4.2.4.27	Yildizeli	L.S.	1		
A.4.2.4.28	Menteşe	L.S.	1		
A.4.2.4.29	Gelemen	L.S.	1		
A.4.2.4.30	Azot	L.S.	1		
A.4.3	**Automatic Train Protection (ATP)**				
A.4.3.1	ETCS Level 1 Balises and Euroloops	L.S.	1		
A.4.3.2	ETCS On board Equpments	L.S.	1		
A.4.4	**Level Crossing Protections Systems**				
A.4.4.1	Level Crossings at open line	L.S.	1		
A.4.4.2	Level Crossings at stations	L.S.	1		

A.4.5	**Signalling Cables**				
A.4.5.1	Samsun Gar	L.S.	1		
A.4.5.2	Demirciköy	L.S.	1		
A.4.5.3	Meşelidüz	L.S.	1		
A.4.5.4	Çukurbük	L.S.	1		
A.4.5.5	Kavak	L.S.	1		
A.4.5.6	Ladik	L.S.	1		
A.4.5.7	Bekdiğin	L.S.	1		
A.4.5.8	Havza Gar	L.S.	1		
A.4.5.9	Hacibayram	L.S.	1		
A.4.5.10	Suluova	L.S.	1		
A.4.5.11	Boğazköy	L.S.	1		
A.4.5.12	Amasya Gar	L.S.	1		
A.4.5.13	Eryatağı	L.S.	1		
A.4.5.14	Kayabaşi	L.S.	1		
A.4.5.15	Kizilca	L.S.	1		
A.4.5.16	Kizoğlu	L.S.	1		
A.4.5.17	Samurçay	L.S.	1		
A.4.5.18	Turhal	L.S.	1		
A.4.5.19	Zile	L.S.	1		
A.4.5.20	Yildiztepe	L.S.	1		
A.4.5.21	Güzelbeyli	L.S.	1		
A.4.5.22	Ulusulu	L.S.	1		
A.4.5.23	Artova	L.S.	1		
A.4.5.24	Yeşilyurt	L.S.	1		
A.4.5.25	Topulyurdu	L.S.	1		
A.4.5.26	Çamlibel	L.S.	1		
A.4.5.27	Subaşi	L.S.	1		
A.4.5.28	Yildizeli	L.S.	1		
A.4.5.29	Menteşe	L.S.	1		
A.4.5.30	Gelemen	L.S.	1		
A.4.5.31	Azot	L.S.	1		
A.4.5.32	Open Line	L.S.	1		
A.4.6	**Other Works**				
A.4.6.1	Modification, integration and adaptation of Signalling System at Kalın Station	L.S.	1		
				TOTAL A.4	

Date

Name

Signature _____

duly authorised to sign for and on behalf of _____