

ANNEX 1 TECHNICAL SPECIFICATION				
PN 16.1850.3-001.00				
giz				
A. Technical Specification				
Item No.	Description	Unit	Quantity	Comment
Supply of pipes and electrofusion machine				
Item - 1	polyethylene pipes PE 100 SDR 17 diameter OD 90mm 10bar the weight not less than 1.47kg/m . BLACK for drinking water.	m.l	2500	
Item - 2	polyethylene pipes PE 100 SDR 17 diameter OD 110mm 10bar the weight not less than 2.19kg/m . BLACK for drinking water.	m.l	2500	
Item - 3	polyethylene pipes PE 100 SDR 17 diameter OD 125mm 10bar . BLACK for drinking water.	m.l	2500	
Item - 4	Galvanized pipe diameter 3 Inch Six meter length weight 78kg for each pipe with the joint. Thickness=0.6 mm to 20mm According to DIN 4992:1999-01 Threaded from both sides	NO	165	
Item - 5	Galvanized pipe diameter 3 Inch Six meter length weight 78kg for each pipe with the joint. Thickness=0.6 mm to 20 mm According to DIN 4992:1999-01 Threaded from both sides	NO	200	
Item - 6	Galvanized pipe diameter 2.5 Inch Six meter length weight 78kg for each pipe with the joint. Thickness=0.6 mm to 20 mm According to DIN 4992:1999-01 Threaded from both sides	NO	100	
Item - 7	Galvanized pipe diameter 2 Inch Six meter length weight 78kg for each pipe with the joint. Thickness=0.6 mm to 20 mm According to DIN 4992:1999-01 Threaded from both sides	NO	150	
Item - 8	Electrofusion control unit machine for the electrofusion jointing PE pipes , MSA 2.0 and Fusion parameters input can be accomplished with a fusion barcode according to ISO/TR 13950 standard or manually with all necessary accessories. working temperutre range = min -20 C, max +50 C Input voltage range =190-265 input power (KW)= 3.5 Type of protection = IP65 Electrical consumption = 16 A Frequency range= 40-70 Data Display : Graphical LCD Mains plug: Schuko 16A Dimensions (mm)= 280*280*420 weight (KG)=11.9 Case material :Aluminium Mains Cable length =4M Fusion cable length =3m	NO	2	

B. Delivery

All Items should Be delivered to Water directorate warehouse /Iraq/ Duhok

C. Remarks And Condition

- 1 Certification of origin for all offered items should be provided before delivery.
- 2 Submit Manufacturer certification and test reports for offered items should be provided before delivery.
- 3 Catalogues and tech. specifications should be provided with offers.