

CONSTRUCTION OF DISTRIBUTION NETWORKS SMALL AND MEDIUM AREAS			
ed. March 2023			
List of minimum means and equipment which the Contractor must own		LL04AG02	STAFF EQUIPMENT
Basic equipment	External coupler for steel pipes that covers the entire range	2*	
	Mandrel pipe bender that covers the entire range	1*	
	Pipe cutters for steel and cast iron ND 3/4" ÷ 4"	2	
	Pipe cutters for steel and cast iron ND 125 ÷ 600	2	
	Heads for hydraulic testing	1*	
	Furnace for electrode reconditioning and maintenance	2	
	Gas detectors	4	
	Pipe detector	3	
	Coating control tool	2*	
minimum share of civil and mechanical activities not suitable	Motor compressors of at least 3,500 L/min	4	
	Concrete disc cutters	3	
	Generator	4*	
	Excavator up to 100 hp	2 (of which 1 owned)	
	Excavator 100-150 hp	1*	
	Caterpillar mini-excavator	1	
	Rubber-tyred mini-excavator	2 (of which 1 owned)	
	Mechanical shovel 100-200 hp	2*	
	Bob Cat	2 (of which 1 owned)	
	Bulldozer up to 100 hp	1*	
	Compactor/soil compactor	4 (of which 1 owned)	
	Motor-driven welder for manual welding of steel pipes	2 (of which 1 owned)	
	Welder for polyethylene pipes	6 (of which 3 owned)	
	High-pressure motor pump for hydraulic testing	1*	
	Motor pump for filling	1*	
	Motor pump for draining	5*	
	Station for hydraulic testing complete with tools	1	

Basic means and equipment for sub-contracting	Mechanical scrapers for polyethylene pipes	6
	Demolition hammer	4
	Dye	4
	Truck-mounted cherry picker	2*
	Van equipped for transporting people	5*
	Dumper	1*
	Lorry up to 35 q.	2 (of which 1 owned)
	Lorry with or without crane over 35 q.	2*
	Lorry with fifth-wheel coupling + semi-trailer	2*
Ancillary means and equipment	Pay welder with two pliers for manual welding	1*
	Mobile crane 30 t	1*
	Sandblasting system	1*
	Shelter	2
	Standard road sign kits	5
	Current clamp	2
	Contact digital thermometers or spirograph	4
	Disc grinder 24 volt	4
	Ground cable with magnets	4
	Manhole cover lifter	4
	Angle grinder	3
	Milling machine (or cutter)	2*
	Bitumen sprayer	2*
	Road roller for asphalt	2*
	Mini-paver for creating binders and surfaces	2*
	Pipe squeeze-off tools approved for use: Mod. for (OD 16÷32) – (OD 20÷63) – (OD 63÷180) – (OD 180÷250) – (OD 250÷400)	2 (N.B. 1 system for OD 250 - 400 and at least 1 owned)
	Tool for insertion of gas bags (ND80/400) for 2 stations (including pipe puncher and accessories) approved for use, including during the qualification phase, following document checks and testing in the field	1
	Pipe puncher for creating LP plug openings approved for use, including during the qualification phase, following document checks and testing in the field	1

Have latest generation iPads (at least 9 upwards) in a number sufficient to assign one to each team *

Equipment for operating gas networks	Pipe puncher for creating MP plug openings approved for use, including during the qualification phase, following document checks and testing in the field	1
	Gas bags ND 80 ÷ 400 for manual insertion (with/without fire-resistant cap)	6
	Pump for inflating gas bags	1
	Interception system aerial/underground LP installation (ND 1" ÷ 3") for 2 stations (accessories included) with continuity of supply approved for use, including during the qualification phase, following document checks and testing in the field	1*
	Interception system for underground installation in MPA – MPB (ND 3/4" ÷ 2"), accessories included, approved for use, including during the qualification phase, following document checks and testing in the field	1*
	Interception system for underground installation in MPA – MPB (ND 65 - 400), accessories included, approved for use, including during the qualification phase, following document checks and testing in the field	1*
*	The supplier must supply evidence of having the availability of the same, if not the owner	