

No	Alat	Spesifikasi	Qty	Satuan	Pekerjaan	Link	Harga (IDR)
1	Tube Cutter	Tube Cutter ukuran 1/8"-7/8"	1	Pcs	AC	https://www.tokopedia.com/karyasodara/tube-cutter-cutter-pipa-pemotong-pipa-ac-ct-128?extParam=ivf%3Dfalse%26keyword%3Dtube+cutter%26search_id%3D20260907060933B83AAC23B952873950PQ%26src%3Dsearch&t_id=1788761401668&t_st=1&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	35.000
2	Flaring Tool Kit	Flaring Tool ukuran: 1/2", 5/16", 3/16", 1/4", 3/8", dan 5/8".	1	Set	AC	https://www.tokopedia.com/mekateknik/flaring-tool-kit-7-pcs-tubing-tool-kit-tube-cutter-alat-pemotong-pipa-tembaga-ac-aluminium-kuningan-copper-kompresor?extParam=ivf%3Dfalse%26keyword%3Dtube+cutter%26search_id%3D20260907060933B83AAC23B952873950PQ%26src%3Dsearch&t_id=1788761487413&t_st=1&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	215.000
3	Tube Bender	Tube Bender Bending Spring Pipa PVC - 16*500MM	1	Pcs	AC	https://www.tokopedia.com/jojoidn/penekuk-pipa-pvc-spiral-penekuk-pipa-pvc-conduit-bending-spring-pipa-pvc-1734093478281774862?extParam=ivf%3Dfalse%26keyword%3Dtube+bender%26search_id%3D20260907061233FE73F687E5BC52397FC5%26src%3Dsearch&t_id=1788761487413&t_st=2&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	19.800
4	Manifold Gauge Set	Manifold Gauge METERAN MANIFOLD GAUGE SET R22 R134A R404A R410A PANJANG SELANG 1,5 METER	1	Pcs	AC	https://www.tokopedia.com/zona-tools-ac/meteran-manifold-gauge-set-r22-r134a-r404a-r410a-panjang-selang-1-5-meter-rx02-1730876408291428341?extParam=ivf%3Dfalse%26keyword%3Dmanifold+gauge%26search_id%3D20260907061336FE73F687E5BC52137JW1%26src%3Dsearch&t_id=1788761487413&t_st=3&t_pp=search_result&t_ef=https://www.tokopedia.com/arkema/vacuum-pump-value-ve115n-1-4hp-vacuum-pump-value-ve-115-n?extParam=ivf%3Dfalse%26keyword%3Dvacuum+pump%26search_id%3D20260907061418FE73F687E5BC5238BOLW%26src%3Dsearch&t_id=1788761487413&t_st=4&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	510.000
5	Vacuum Pump	Vacuum Pump VACUUM PUMP VALUE VE115N 1/4HP	1	Pcs	AC	https://www.tokopedia.com/arkema/vacuum-pump-value-ve115n-1-4hp-vacuum-pump-value-ve-115-n?extParam=ivf%3Dfalse%26keyword%3Dvacuum+pump%26search_id%3D20260907061418FE73F687E5BC5238BOLW%26src%3Dsearch&t_id=1788761487413&t_st=4&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	975.000
6	Clamp Meter	Clamp Meter Deli Digital Clamp Multimeter Multitester / Tang Ampere EDL334203	1	Pcs	AC	https://www.tokopedia.com/delitoolsofficial/deli-digital-clamp-multimeter-multitester-tang-ampere-edl334203?extParam=ivf%3Dfalse%26keyword%3Dclamp+meter%26search_id%3D20260907061446FE73F687E5BC522F7XV5%26src%3Dsearch&t_id=1788761487413&t_st=5&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	316.000
7	Multimeter	Multimeter Deli Multimeters / Alat Ukur Arus Listrik Digital 600V AC DC DL8490 - Multimeters	1	Pcs	AC	https://www.tokopedia.com/delitoolsid/deli-multimeters-alat-ukur-arus-listrik-digital-600v-ac-dc-dl8490-1729570344048036363?extParam=ivf%3Dfalse%26keyword%3Dmultimeter%26search_id%3D20260907061612CD00692C3BF5934E11K%26src%3Dsearch%26whid%3D18703739&t_id=1788761487413&t_st=6&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	156.000

No	Alat	Spesifikasi	Qty	Satuan	Pekerjaan	Link	Harga (IDR)
8	Laser Level / Waterpass	Laser Level / Waterpass Laser Level Profesional Self Leveling Projector Green Laser 3 Line - 3LINE	1	Pcs	AC	https://www.tokopedia.com/nimood/cod-waterpass-terpopuler-laser-level-profesional-self-leveling-projector-green-laser-3-line-1734241352309507380?extParam=ivf%3Dfalse%26keyword%3Dlaser+level+%2F+waterpass%26search_id%3D20260907061646FE73F687E5BC5201AXDR%26src%3Dsearch&t_id=1788761487413&t_st=7&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	303.089
9	Meteran Digital	Meteran Digital Meteran Laser Digital Electronic Accuracy Ruler Infrared 40M KE40S AKURAT	1	Pcs	AC	https://www.tokopedia.com/tang-kabel/meteran-laser-digital-electronic-accuracy-ruler-infrared-40m-ke40s-akurat-1730258126492304961?extParam=ivf%3Dfalse%26keyword%3Dmeteran+digital+50m%26search_id%3D20260907061752FE73F687E5BC521CDYKT%26src%3Dsearch&t_id=1788761487413&t_st=9&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	210.000
10	Bor Beton	Bor Beton Bosch GBH 2-26 DRE Mesin Bor Rotary Hammer 3 Fungsi 800W SDS Plus Mesin Bobok Beton Tembok	1	Pcs	AC	https://www.tokopedia.com/merdeka-indo-cahaya/big-sale-mata-bor-sds-228-22-1732283472833054256?extParam=ivf%3Dfalse%26keyword%3Dbor+beton%26search_id%3D20260907061853B83AAC23B952872362JX%26src%3Dsearch&t_id=1788761487413&t_st=13&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	841.999
11	Gerinda	Gerinda Mesin Gerinda Tangan BOSCH GWS 700 4 Inch 710 Watt 4" 670 Watt 220 V 12000 rpm	1	Pcs	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/belanjateknik/mesin-gerinda-tangan-4-inch-bosch-gws-700-angle-grinder-gws700-710-watt-4-in-1729725089348880752?extParam=ivf%3Dfalse%26keyword%3Dgerinda+4%22%26search_id%3D20260907062117352FE25DAF686B25E2AN%26src%3Dsearch&t_id=1788761487413&t_st=14&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	453.500
12	Gerinda	Gerinda Mesin Cutting Wheel 14 Inch	1	Pcs	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/kokobeestore/mesin-potong-besi-14-inch-cut-off-14-inch-benz-gerinda-duduk-besi?extParam=ivf%3Dfalse%26keyword%3Dgerinda+duduk%26search_id%3D2026090706220640008B9A5380FC17BWY6%26src%3Dsearch&t_id=1788761487413&t_st=16&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	1.161.250
13	Kunci Pass Ring	Kunci Pass Ring Tekiro Kunci Ring Pas Set (8 - 32 Mm) 14 Pcs	1	Set	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/tekiro-rexco/tekiro-kunci-ring-pas-set-8-32-mm-14-pcs-kunci-ringpas-set?extParam=ivf%3Dtrue%26keyword%3Dtekiro+kunci+ring+pas+set+%288+-+32+mm%29+14+pcs%26search_id%3D2026090706270140008B9A5380FC23FRCZ%26src%3Dsearch&t_id=1788761487413&t_st=21&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	736.866

No	Alat	Spesifikasi	Qty	Satuan	Pekerjaan	Link	Harga (IDR)
14	Kunci Inggris	Kunci Inggris TEKIRO Kunci Inggris 6 Inch	2	Pcs	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/tekiro-rexco/tekiro-kunci-inggris-06-inch-kunci-inggris-tools-alat-perkakas?extParam=ivf%3Dfalse%26keyword%3Dkunci+inggris+6+inch%26search_id%3D2026090806443918D8042386B79E2486KN%26src%3Dsearch&t_id=1788849882807&t_st=1&t_pp=search_result&t_efo=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	38.300
15	Kunci Pipa	Kunci Pipa TEKIRO Kunci Pipa 8 Inch / Pipe Wrench Without Rubber Handle 8"	1	Pcs	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/autobrots/tekiro-kunci-pipa-8-inch-pipe-wrench-without-rubber-handle-8?extParam=ivf%3Dfalse%26keyword%3Dkunci+pipa+8+inch%26search_id%3D20260908064527CD00692C38FE5904EFT4%26src%3Dsearch&t_id=1788849882807&t_st=2&t_pp=search_result&t_efo=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	23.100
16	Kunci Pipa	Kunci Pipa ISKU Kunci Pipa Wrench 10/12/14/18/24 Inch Anti Karat Bahan Besi Chrome Vanadium Kualitas Tinggi - 12 inch	1	Pcs	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/isku-tools/isku-kunci-pipa-wrench-10-12-14-18-24-inch-anti-karat-bahan-besi-chrome-vanadium-kualitas-tinggi-1729570031150271052?extParam=ivf%3Dtrue%26keyword%3Dkunci+pipa+12+inch%26search_id%3D2026090806455318D8042386B79E0D453S%26src%3Dsearch&t_id=1788849882807&t_st=3&t_pp=search_result&t_efo=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	101.700
17a	Mata Senai	Mata Senai 1/2"-3/4"	1	Set	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/glodokdiesel/mata-senai-pipa-pazto-ukuran-1-2-3-4-1-2-2-1-2-3-2-1-2-4-pipe-threading-dies-blade-1-2-3-4-ca072?extParam=ivf%3Dfalse%26keyword%3Dmata+senai+mesin%26search_id%3D20260907062556FE73F687E5BC520F61AL%26src%3Dsearch&t_id=1788761487413&t_st=20&t_pp=search_result&t_efo=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	105.000
17b	Mata Senai	Mata Senai 1"-2"	1	Set	Instalasi Pipa SS CA, Steam		105.000
17c	Mata Senai	Mata Senai 2 1/2"-3"	1	Set	Instalasi Pipa SS CA, Steam		105.000
18	Mesin Las Listrik SMAW	Mesin Las Listrik SMAW Lakoni 450 Watt	1	Pcs	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/mandiri-teknik-308/travolas-mesin-las-lakoni-basic-mini-124ixr-basic-123ix-450watt-120amper-1730465596706489748?extParam=ivf%3Dfalse%26keyword%3Dmesin+las+lirik+smaw%26search_id%3D2026090706274418D8042386B79E016NOJ%26src%3Dsearch&t_id=1788761487413&t_st=22&t_pp=search_result&t_efo=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	735.000
19	Mesin Las Argon TIG	Mesin Las Argon TIG Mesin Las Stainless RHINO TIG 160 e	1	Pcs	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/jagoteknik/mesin-las-stainless-rhino-tig-160-e-rhino-tig160e-160-ampere?extParam=ivf%3Dfalse%26keyword%3Dmesin+las+lirik+argon%26search_id%3D20260907062831883AAC23B95287054VM3%26src%3Dsearch&t_id=1788761487413&t_st=23&t_pp=search_result&t_efo=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	2.260.000

No	Alat	Spesifikasi	Qty	Satuan	Pekerjaan	Link	Harga (IDR)
20	Argon Regulator	Argon Regulator Regulator Argon Max Yamato YR-78 ORIGINAL - MAX YAMATO	1	Pcs	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/golden-dragon-store/regulator-argon-max-yamato-yr-78-original-1732865498268861830?extParam=ivf%3Dfalse%26keyword%3Dargon+regulator%26search_id%3D20260907062909352FE25DAF686B215XU7%26src%3Dsearch&t_id=1788761487413&t_st=24&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	110.000
21	Selang Pneumatic 8mm	Selang Pneumatic 8mm OD 8mm	50	meter	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/festore-industry-automation/umc-selang-hose-pu-polyurethane-ukuran-od-4mm-6mm-8mm-10mm-12mm-14mm-16mm-harga-permeter-eceran-1733659536617604541?extParam=ivf%3Dfalse%26keyword%3Dselang+pneumatic+8mm+hpc%26search_id%3D20260907063122EFE937780E95570DCU65%26src%3Dsearch&t_id=1788761487413&t_st=25&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	6.800
22	Pressure Gauge 0 - 20 Bar	Pressure Gauge 0 - 20 Bar Presure gauge 20 bar 4" drat 1/2inch	1	Pcs	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/birulaut-teknik/presure-gauge-20-bar-4-drat-1-2inch?extParam=ivf%3Dfalse%26keyword%3Dpressure+gauge+0++20+bar%26search_id%3D20260907063342352FE25DAF686B2802C4%26src%3Dsearch&t_id=1788761487413&t_st=26&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	116.000
23	Tang Kombinasi	Tang Kombinasi TEKIRO Tang Kombinasi 7 Inch	2	Pcs	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/tekiro-rexco/tekiro-tang-kombinasi-7-inch-n-r-tang-kombinasi?extParam=ivf%3Dfalse%26keyword%3Dtang+kombinasi%26search_id%3D20260907063444EFE937780E9557259VID%26src%3Dsearch&t_id=1788761487413&t_st=27&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	56.500
24	Tang Capit Buaya	Tang Capit Buaya Uk. 10 inch	1	Pcs	Instalasi Pipa SS CA, Steam	https://www.tokopedia.com/isku-tools/isku-tang-buaya-7-10-inch-225mm-tang-jepit-locking-plier-vice-grip-bahan-kuat-finishing-plat-chrome-tahan-korosi-1729571435767827020?extParam=ivf%3Dtrue%26keyword%3Dtang+capit+buaya%26search_id%3D2026090706350818D8042386B79E0C93L0%26src%3Dsearch&t_id=1788761487413&t_st=28&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	53.500
25	Pipe Cutter	Pipe Cutter Gunting Pipa 42mm Alumunium+Baja Perkakas DL350042 aluminum pvc	1	Pcs	AC	https://www.tokopedia.com/delitoolsid/deli-pipe-cutter-gunting-pipa-42mm-alumunium-baja-perkakas-dl350042-aluminum-pvc-1729569647063304715?extParam=ivf%3Dfalse%26keyword%3Dpipe+cutter%26search_id%3D20260907063543CD00692C3BF59040MV6%26src%3Dsearch%26whid%3D18703739&t_id=1788761487413&t_st=29&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	110.000

No	Alat	Spesifikasi	Qty	Satuan	Pekerjaan	Link	Harga (IDR)
26	APAR Powder	APAR Powder 6 kg	3	Pcs	Safety	https://www.tokopedia.com/tonataindo/apar-6kg-bubuk-abc-powder-tonata-set-komplit-1730809367720658369?extParam=ivf%3Dtrue%26keyword%3Dapar+powder+6kg%26search_id%3D20260907063616FE73F687E5BC5225CRK1%26src%3Dsearch&t_id=1788761487413&t_st=30&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	2.985.000
27	APAR CO2	APAR CO2 2-3 kg	1	Pcs	Safety	https://www.tokopedia.com/tonataindo/apar-3-kg-karbon-dioksida-co2-tonata-set-komplit?extParam=ivf%3Dtrue%26keyword%3Dapar+co2+2-3+kg%26search_id%3D20260907063645CD00692C38FE59024TPH%26src%3Dsearch&t_id=1788761487413&t_st=31&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	1.035.000
28	Obeng Set Plus	Obeng Set Plus TEKIRO OBENG GAGANG KARET SET 7 PCS -	2	Set	AC	https://www.tokopedia.com/tekniktoolsglodok/tekiro-obeng-gagang-karet-set-7-pcs-alat-perkakas?extParam=ivf%3Dfalse%26keyword%3Dobeng+set+plus+tekiro%26search_id%3D20260907063754FE73F687E5BC520B33CQ%26src%3Dsearch&t_id=1788761487413&t_st=32&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	372.000
29	Mesin Las PPR	Mesin Las PPR Uk. 1/2" - 2"	1	Set	Instalasi Pipa CW	https://www.tokopedia.com/neninefittingandpipe/mesin-las-pemas-ppr-digital-ukuran-20mm-63mm-1-2-2-inchi?extParam=ivf%3Dfalse%26keyword%3Dmesin+las+ppr+%091%2F2%22+-+1%22%26search_id%3D20260907083254B83AAC23B952870505RZ%26src%3Dsearch&t_id=1788761487413&t_st=36&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	1.360.000
30	Mesin Las PPR	Mesin Las PPR Uk. 2 1/2" - 4"	1	Set	Instalasi Pipa CW	https://www.tokopedia.com/distributorpipa1/alat-las-ppr-2-1-2-4-inch-welding-tools-ppr-75mm-90mm-110mm-alat-pemas-ppr-75-110mm-1730860478248748762?extParam=ivf%3Dfalse%26keyword%3Dmesin+las+ppr+%092%22+-+4%22%26search_id%3D20260907083442EFE937780E95573A3PYR%26src%3Dsearch&t_id=1788761487413&t_st=40&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	900.400
31	Hollow Drill Core Bit	Core Drill Hollow drill core bit 2 inch 50 mm	1	Pcs	AC	https://www.tokopedia.com/iqu-jaya-bag/hollow-drill-core-bit-2-inch-50mm-mata-bor-tembok-beton-wipro?extParam=ivf%3Dfalse%26keyword%3Dmata+coring+beton+2%22%26search_id%3D20260907083710EFE937780E95573D84OS%26src%3Dsearch&t_id=1788761487413&t_st=41&t_pp=search_result&t_ef=search_pure_goods_card&t_ef=goods_search&t_sm=&t_spt=search_result	250.000

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