

PARCO MACCHINARI, HW E SW

Allegato n. 2.2 al Disciplinare di gara

OGGETTO: PROCEDURA APERTA DI CARATTERE COMUNITARIO PER LA STIPULA DI UNO O PIÙ CONTRATTI AVENTI AD OGGETTO LA FORNITURA DEI SERVIZI INERENTI ALLA RETE DEI FABLAB LAZIO

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LOTTO N. 1 - ROMA

ELENCO MACCHINARI E HARDWARE	MODELLO	MARCA
Lasercut - Taglio laser CO2	Speedy 100 30 w	Trotec
Vinylcut -Plotter taglio	CAMM I servo GX24 Roland	Roland DG
Milling machine - Fresa CNC	Mono Fab SRM-20 Roland	Roland DG
3DPrint - Stampante 3d FDM	Sharebot NG	Sharebot
3DPrint - Stampante 3d FDM	DeltaWASP 200×400 mm	Wasp
3DPrint - Stampante 3d SLA	Projet 1200	3D System
Scanner 3D desktop	Makerbot Digitizer	Makerbot
Stampante 2d Large format	RF 640 Roland Versa express	Roland DG
Workstation Apple	Mac Pro Quad core	Apple
Casse audio	Multimedia Speakers Z200 Logitech	Logitech
Cuffie	Stereo Headset H150 blueberry	Logitech
Monitor	Tunderbolt display	Apple
Mouse	Magic Mouse	Apple
Tastiera	Wireless Keyboard	Apple
Tavoletta grafica	Cintiq 27QHD touch	Wacom
Tavoletta grafica	Intuos Pro M Special Edition Wacom	Wacom

Workstation PC (comprensivo di tastiera e mouse)	Msi	Msi
Monitor	Philips 240S4LPMS 24 S-Line	Philips
Hard disk	WESTERN DIGITAL - My Cloud - personal storage - WDBCTL0030HWT-EESN	WESTERN DIGITAL
Hp leap motion controller USB	Hp Leap motion	Hp
Kinect for XBOX One	Kinect for XBOX One	Microsoft
Tablet Ipad air 2 (IOS)	IPad Air 2 Wi-Fi 64GB	Apple
Tablet	galaxy tab s 10.5 lte+ wifi (android)	Samsung
Oculus	Oculus VR rift Development kit 2	Oculus VR
Video proiettore grandangolare	Nec pa572w	Nec
Go Pro	HERO4 Silver	Go-Pro
Web cam	HD Pro Webcam C920 Logitech	Logitech
Monitor 55"	MTV-C55DLEFHD	MIIA
Speaker Phone	Mobile Speaker Phone P710e Logitech	Logitech
Video proiettore Finger Touch	l430 WI - Epson	Epson
Schede di controllo APIO	Apio dongle	
Computer (PC) per controllo macchine	Prodesk 600 GI SFF	
Monitor	E2250SWDA	
Computer portatile	B5400 - windows	

Stampante Multifunzione	DCP-L8450cdw CSP	
Arduino Starter Kit		
Arduino Tinker Kit - Scuola		
Soft Circuit Kit		
Workshop kit Littlebits(1 KIT PER 20 STUDENTI)		
Robotic Arm Add-on Pack for Starter Robot Kit		
Starter Robot Kit VI.0-Gold		
Rasperry		
Arduino uno		
FUNCTION GENERATOR, 1CH, ARB/DDS, 25MHZ	2100024 AFG-2125	GW INSTEK
POWER SUPPLY, 2CH, 30V, 3A, ADJUSTABLE	2251948 72-10500	TENMA
MULTIMETER, DIGITAL, POCKET, 3999	9183647 72-7935	TENMA
OSCILLOSCOPIO, 4 CAN, 200MHZ, 2GSPS	2061824 72-8727	TENMA
MULTIMETER, DIGITAL, HAND HELD, 1999	9183663 72-7925	TENMA
STAZIONE SALDANTE, 160W, 230V, UK/EU	2400208 WD 1000HPT	WELLER
ROTARY TOOL, 240V, 15 ACC, UK PLUG	2213597 3000JB	DREMEL
TRAPANO DA BANCO, 230V, SPINA UK	1455476 6505520	CLARKE INTERNATIONAL
DRILL, COMBI, CORDLESS 18V, 1300RPM	2452758 DHP453RFTK 1 KIT	MAKITA
DRILL, COMBI, CORDLESS 18V, 1500RPM	2452756 DHP456RMWX	MAKITA

SPANNER SET, METRIC, 11 PC	1447549 D00225 I KIT	DURATOOL
SET DI CHIAVI ESAGONALI, METRICO, 10PC	628736 4443M	CK TOOLS
SET, SCREWDRIVER, INSULATED, 7PC	2103216 D00075 I KIT	DURATOOL
SET DI PINZE, VDE, 3PC	1496340 D00642	DURATOOL
HAMMER, CROSS PEIN, 4 OZ	1447394 D00085	DURATOOL
FRESA, ELETTRICISTI, 140 MM	1098807 492001	CK TOOLS
NEEDLE FILE SET, 6PC	1447431 D00148 I KIT	DURATOOL
HACKSAW, METAL	2103261 D02166	DURATOOL
SOFTWARE		
SketchUp Pro		SketchUp Pro
Rhinoceros		McNeel
Suite Adobe		Adobe
Unity		Unity Technologies
Cinema 4D		Maxon
Resolume VJ		Resolume B.V.
Maya LT		Autodesk
Zbrush		PIXOLOGIC
MILLUMIN		Millumin
Finalcut		Apple

Microsoft windows 8.1 professionale per Workstation		Microsoft
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LOTTO N. 2 - FERENTINO

ELENCO MACCHINARI E HARDWARE	MODELLO	MARCA
laser cut CO2 VREL N 600 60x40	vrel adcomm	ADCOMM
VREL aspiratore fumi	vrel adcomm	ADCOMM
Plotter Stampa e taglio, materiali come da offerta (incluso spediz e installaz)	Versa Studio BN-20	Roland DG
Stampante a inchiostro UV (compreso inchiostri, spediz e installaz)	Versa UV LEF-12i	Roland DG
Milling machine - Fresa CNC	Mono Fab SRM-20 Roland	Roland DG
spediz e install fresa	Mono Fab SRM-20 Roland	Roland DG
3DPrint - Stampante 3d FDM	ZORTRAX M200	effegi srl
Xfab	Xfab	dws
Sense 3D Scanner	Sense 3D Scanner	Sense 3D Scanner
Stampante Multifunzione	hp pro jet	hp
Computer (PC) per controllo macchine	Prodesk 600 GI SFF	Hp, vedi note a fine lista
Monitor	E2250SWDA	AOC
Computer portatile	TRAVELMATE P236	ACER
Casse audio	Multimedia Speakers Z150	Logitech

Cuffie	Stereo Headset H150	Logitech
workstation x grafica	GTKRR DELL WORKSTATION con tastiera e mouse	DELL
Monitor workstation	210-AEOM Dell Professional P2416, 2560x1440 pixel, quad hs,ips, opaco, 23.5"	Dell
Web cam	HD Pro Webcam C920	Logitech
Monitor 55"	monitor 55"	SAMSUNG o ALTRA MARCA
Generatore di Funzioni	GW INSTEK AFG-2125	GW INSTEK
Oscilloscopio	RIGOL DS1204B Oscilloscopio 200MHz 4 canali	RIGOL
Alimentatore da Banco 2 uscite	72-10500 POWER SUPPLY, 2CH, 30V, 3A, ADJUSTABLE	TENMA
Multimetro digitale	TENMA 72-7935 MULTIMETER, DIGITAL, POCKET, 3999	TENMA
Multimetro digitale	EXCEL DT9205A \$10 Digital Multimeter	EXCEL
Saldatore a stagno	Stazione saldante ZD-931 [ART. 890007]	ZD-931
Dremel	Dremel 300-3/105	
Banco lavoro	SET CASSETTA ATTREZZI TROLLEY VALIGIA KIT UTENSILI COMPRESI 187 PEZZI	
Banco lavoro	avvitatori MAKITA BDF343RHE + serie 71 inserti	MAKITA
Leap motion	Leap motion controller 3D	leap motion
Oculus	OCULUS RIFT Next-generation virtual reality	Oculus VR
Speaker Phone	Mobile Speaker Phone P710e	Logitech
Video proiettore Finger Touch, Lavagna proiezione, struttura x lavagna, Wireless LAN Module (ELPAP07)	1430 WI - Epson	Epson

Tavoletta grafica	intuos pro	wacom
dust-buster WD7210N		
Schede di controllo	Rasperry 3	Rasperry
Schede di controllo	Kit Workshop per arduino, breadboard, jumper e sensori misti	Arduino
Soft Circuit Kit		
DIY KIT Schermo LED scorrevole con Rasperry		
ADA FRUIT book pack		
SOFTWARE		
Office license	MICROSOFT OFFICE 2013 HOME & BUSINESS T5D-01629 Word,Excel,PowerPoint,OneNote,Outlook	
Rhinoceros	Licenza commerciale Rhino 5 per Windows Suite	McNeel
Suite Adobe (AI illustrator, Photoshop)	Licenza completa per 1 anno	Adobe
Unity	Free	Unity Technologies
Sculptrics		

LOTTO N. 2 - LATINA

ELENCO MACCHINARI E HARDWARE	MODELLO	MARCA
Lasercut - Taglio laser CO2	Speedy 100 30 W + utensile rotatorio	Trotec
Plotter Stampa e taglio	Versa STUDIO BN 20	Roland DG

Milling machine - Fresa CNC	MDX-40	Roland DG
Stampante 3d	DeltaWASP 200×400 mm	Wasp
Stampante 3d	Form I+ Complete Package	Formlabs
Stampante 3d	Zortrax M200	Zortrax
Computer fissi	HP 400G1 SFF, completo di mouse, tastiera, monitor AOC 21.5"	Hp
Generatore di Funzioni	GENERATORE SEGNALE 2-CH, FUNZ/ARB, 25MHZ	TEKTRONIX
Oscilloscopio	OSCILLOSCOPE, 2CH, 200MHZ, 2GSPS	TENMA
Alimentatore da banco	POWER SUPPLY, 2CH, 30V, 3A, ADJUSTABLE	TENMA
Multimetro digitale	DIGITAL MULTIMETER, HANDHELD, 3 3/4DIGIT	TENMA
Saldatore a stagno	STAZIONE DI SALDATURA, 48W, 240V, EU	DURATOOL
Dremel	ROTARY TOOL, 130W, 33000RPM	DREMEL
Banco lavoro	TOOL SET IN METAL BOX, 61-PIECE	CRESCENT
Trapano da banco	BENCH DRILL, EURO PLUG, 240V, 85W	PROXXON
Banco lavoro	DRILL, COMBI, CORDLESS 18V, 1300RPM	MAKITA
Workstation Apple Mac Pro Quad core		
Casse audio Multimedia Speakers Z200 Logitech		
Cuffie Stereo Headset H150 Logitech		
Monitor Tunderbolt display		
Workstation PC MSI Nightblade B85C (I7-4790 8GB 2TB +128 GB SSD GTX980 4GB)		

Doppio Monitor Philips 240S4QMB		
Mouse Alcor 40000DPI		
Tastiera Logitech K120		
TV 55"		
HD Pro Webcam C920 Logitech		
Leap motion controller		
Kinect 2		
Tavoletta grafica WACOM Cintiq 27QHD touch		
Oculus VR rift Development kit 2		
SOFTWARE		
Adobe Creative cloud		
SketchUp Pro		
Skaneect Pro		
Rhino 5 McNeel		
Unity Pro		
Corel Draw Graphics Suite X7		
Windows 8.1 Professional 64 bit		

LOTTO N. 3 - BRACCIANO

ELENCO MACCHINARI E HARDWARE	MODELLO	MARCA
Laser Cut Co2 (small)	RayJET 30 w	Trotec
Vinylcut -Plotter taglio	CAMM I servo GX24 Roland	Roland DG
Milling machine - Fresa CNC	Mono Fab SRM-20 Roland	Roland DG
3DPrint - Stampante 3d FDM	Sharebot NG	Sharebot
3DPrint - Stampante 3d FDM	DeltaWASP 200×400 mm	Wasp
3DPrint - Stampante 3d SLA	Projet 1201	3D System
3DPrint - Stampante 3d	3drag	Futura Group Srl
Scanner 3D desktop	Makerbot Digitizer	Makerbot
Casse audio	Multimedia Speakers Z200 Logitech	Logitech
Cuffie	Stereo Headset HI 50 blueberry	Logitech
Workstation PC (comprensivo di tastiera e mouse)	Msi	Msi
Monitor	Philips 240S4LPMS 24 S-Line	Philips
Hard disk	WESTERN DIGITAL - My Cloud - personal storage - WDBCTL0030HWT-EESN	WESTERN DIGITAL
Hp leap motion controller USB	Hp Leap motion	Hp
Kinect for XBOX One	Kinect for XBOX One	Microsoft
Tablet Ipad air 2 (IOS)	IPad Air 2 Wi-Fi 64GB	Apple
Tablet	galaxy tab s 10.5 lte+ wifi (android)	Samsung

Oculus	Oculus VR rift Development kit 4	Oculus VR
Go Pro	HERO4 Silver	Go-Pro
Web cam	HD Pro Webcam C920 Logitech	Logitech
Monitor 55"	MTV-C55DLEFHD	MIIA
Speaker Phone	Mobile Speaker Phone P710e Logitech	Logitech
Video proiettore Finger Touch	I432 WI - Epson	Epson
Schede di controllo APIO	Apio dongle	
Computer (PC) per controllo macchine	Prodesk 600 GI SFF	
Monitor	E2250SWDA	
Computer portatile	B5400 - windows	
Stampante Multifunzione	DCP-L8450cdw CSP	
Arduino Starter Kit		
Arduino Tinker Kit - Scuola		
Soft Circuit Kit		
Workshop kit Littlebits(1 KIT PER 20 STUDENTI)		
Rasperry		
Arduino uno		
Drone	Phantom 2	DJI
DIY Y6 Kit - Drone in kit		

DIY Quad Kit - Drone in kit		
FUNCTION GENERATOR, 1CH, ARB/DDS, 25MHZ	2100024 AFG-2125	GW INSTEK
POWER SUPPLY, 2CH, 30V, 3A, ADJUSTABLE	2251948 72-10500	TENMA
MULTIMETER, DIGITAL, POCKET, 3999	9183647 72-7935	TENMA
OSCILLOSCOPIO, 4 CAN, 200MHZ, 2GSPS	2061824 72-8727	TENMA
MULTIMETER, DIGITAL, HAND HELD, 1999	9183663 72-7925	TENMA
STAZIONE SALDANTE, 160W, 230V, UK/EU	2400208 WD 1000HPT	WELLER
ROTARY TOOL, 240V, 15 ACC, UK PLUG	2213597 3000JB	DREMEL
TRAPANO DA BANCO, 230V, SPINA UK	1455476 6505520	CLARKE INTERNATIONAL
DRILL, COMBI, CORDLESS 18V, 1300RPM	2452758 DHP453RFTK I KIT	MAKITA
DRILL, COMBI, CORDLESS 18V, 1500RPM	2452756 DHP456RMWX	MAKITA
SPANNER SET, METRIC, 11PC	1447549 D00225 I KIT	DURATOOL
SET DI CHIAVI ESAGONALI, METRICO, 10PC	628736 4443M	CK TOOLS
SET, SCREWDRIVER, INSULATED, 7PC	2103216 D00075 I KIT	DURATOOL
SET DI PINZE, VDE, 3PC	1496340 D00642	DURATOOL
HAMMER, CROSS PEIN, 4 OZ	1447394 D00085	DURATOOL
FRESA, ELETTRICISTI, 140 MM	1098807 492001	CK TOOLS
NEEDLE FILE SET, 6PC	1447431 D00148 I KIT	DURATOOL
SET ESTRUSORE CHOCO	3drag	FUTURA ELETTRONICA

HACKSAW, METAL	2103261 D02168	DURATOOL
SOFTWARE		
SketchUp Pro		SketchUp Pro
Rhinoceros		McNeel
Suite Adobe		Adobe
Cinema 4D		Maxon
Microsoft windows 8.1 professionale per Workstation		Microsoft

LOTTO N. 3 – RIETI

ELENCO MACCHINARI E HARDWARE	MODELLO	MARCA
Lasercut CO2	Vrel N600 60x40	Adcomm
Lasercut fibra	Micro Mark GN (fiberfly)	Lasit
Plotter stampa/taglio	Versa STUDIO BN 20	Roland DG
Fresa CNC	Mono Fab SRM-20	Roland DG
3DPrint - Stampante 3D FDM	Zortrax M200	Zortrax
3DPrint - Stampante 3D SLA	Xfab	DWS
Scanner 3D desktop	Sense 3D	3Dsystem
Generatore di Funzioni		

Oscilloscopio		
Alimentatore da Banco		
Multimetro digitale		
Stazione saldante		
Generatore di segnale		
Rotary Tool		
Traapano da banco		
Trapano/Avvitatore		
Utensileria varia		
20 kit workshop Arduino		
10 Raspberry con scheda 16GB e alimentatore		
workstation grafiche DELL GTKRR DELL WORKSTATION PRECISION T3620 XEON con tastiera e mouse e doppio monitor 210-AEOM Dell Professional P2416, 2560x1440 pixel, quad hs,ips, opaco, 23.5"		
Casse audio Multimedia Speakers Z200 Logitech		
Cuffie Stereo Headset H150 Logitech		
TV 55"		
HD Pro Webcam C920 Logitech		
Leap motion controller		

Tavoletta grafica WACOM Intuos Pro Medium		
OCULUS RIFT Next-generation virtual reality		
SOFTWARE		
Adobe Creative cloud		
SketchUp Pro		
Skaneet Pro		
Rhino 5 McNeel		
Unity Pro		

LOTTO N. 3 – VITERBO

ELENCO MACCHINARI E HARDWARE	MODELLO	MARCA
Laser Cut Co2 (small)	RayJET 30 w	Trotec
Plotter Stampa e taglio	Versa STUDIO BN 20 Roland	Roland DG
Milling machine - Fresa CNC	Mono Fab SRM-20 Roland	Roland DG
3DPrint - Stampante 3d FDM	Sharebot NG	Sharebot
3DPrint - Stampante 3d FDM	DeltaWASP 200×400 mm	Wasp
3DPrint - Stampante 3d SLA	Projet 1202	3D System
Scanner 3D desktop	Makerbot Digitizer	Makerbot

Scanner 3D indoor e outdoor	Artec Eva	Artec
Workstation Apple	Mac Pro Quad core	Apple
Casse audio	Multimedia Speakers Z200 Logitech	Logitech
Cuffie	Stereo Headset HI 50 blueberry	Logitech
Monitor	Tunderbolt display	Apple
Mouse	Magic Mouse	Apple
Tastiera	Wireless Keyboard	Apple
Tavoletta grafica	Cintiq 27QHD touch	Wacom
Tavoletta grafica	Intuos Pro M Special Edition Wacom	Wacom
Workstation PC (comprensivo di tastiera e mouse)	Msi	Msi
Monitor	Philips 240S4LPMS 24 S-Line	Philips
Hard disk	WESTERN DIGITAL - My Cloud - personal storage - WDBCTL0030HWT- EESN	WESTERN DIGITAL
Hp leap motion controller USB	Hp Leap motion	Hp
Kinect for XBOX One	Kinect for XBOX One	Microsoft
Tablet Ipad air 2 (IOS)	IPad Air 2 Wi-Fi 64GB	Apple
Tablet	galaxy tab s 10.5 lte+ wifi (android)	Samsung
Oculus	Oculus VR rift Development kit 3	Oculus VR
Video proiettore grandangolare	Nec pa572w	Nec

Go Pro	HERO4 Silver	Go-Pro
Web cam	HD Pro Webcam C920 Logitech	Logitech
Monitor 55"	MTV-C55DLEFHD	MIIA
Speaker Phone	Mobile Speaker Phone P710e Logitech	Logitech
Video proiettore Finger Touch	l43l WI - Epson	Epson
Schede di controllo APIO	Apio dongle	
Computer (PC) per controllo macchine	Prodesk 600 GI SFF	
Monitor	E2250SWDA	
Computer portatile	B5400 - windows	
Stampante Multifunzione	DCP-L8450cdw CSP	
Arduino Starter Kit		
Arduino Tinker Kit - Scuola		
Soft Circuit Kit		
Workshop kit Littlebits(1 KIT PER 20 STUDENTI)		
Robotic Arm Add-on Pack for Starter Robot Kit		
Starter Robot Kit VI.0-Gold		
Rasperry		
Arduino uno		
FUNCTION GENERATOR, 1CH, ARB/DDS, 25MHZ	2100024 AFG-2125	GW INSTEK

POWER SUPPLY, 2CH, 30V, 3A, ADJUSTABLE	2251948 72-10500	TENMA
MULTIMETER, DIGITAL, POCKET, 3999	9183647 72-7935	TENMA
OSCILLOSCOPIO, 4 CAN, 200MHZ, 2GSPS	2061824 72-8727	TENMA
MULTIMETER, DIGITAL, HAND HELD, 1999	9183663 72-7925	TENMA
STAZIONE SALDANTE, 160W, 230V, UK/EU	2400208 WD 1000HPT	WELLER
ROTARY TOOL, 240V, 15 ACC, UK PLUG	2213597 3000JB	DREMEL
TRAPANO DA BANCO, 230V, SPINA UK	1455476 6505520	CLARKE INTERNATIONAL
DRILL, COMBI, CORDLESS 18V, 1300RPM	2452758 DHP453RFTK I KIT	MAKITA
DRILL, COMBI, CORDLESS 18V, 1500RPM	2452756 DHP456RMWX	MAKITA
SPANNER SET, METRIC, 11PC	1447549 D00225 I KIT	DURATOOL
SET DI CHIAVI ESAGONALI, METRICO, 10PC	628736 4443M	CK TOOLS
SET, SCREWDRIVER, INSULATED, 7PC	2103216 D00075 I KIT	DURATOOL
SET DI PINZE, VDE, 3PC	1496340 D00642	DURATOOL
HAMMER, CROSS PEIN, 4 OZ	1447394 D00085	DURATOOL
FRESA, ELETTRICISTI, 140 MM	1098807 492001	CK TOOLS
NEEDLE FILE SET, 6PC	1447431 D00148 I KIT	DURATOOL
HACKSAW, METAL	2103261 D02167	DURATOOL
SOFTWARE		
SketchUp Pro		SketchUp Pro

Rhinoceros		McNeel
Suite Adobe		Adobe
Unity		Unity Technologies
Cinema 4D		Maxon
Resolume VJ		Resolume B.V.
Maya LT		Autodesk
Zbrush		PIXOLOGIC
MILLUMIN		Millumin
Finalcut		Apple
Microsoft windows 8.1 professionale per Workstation		Microsoft