Service & Produc	ct Pricing Datasheet			
EM Engineering Solutions LLC				
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Updated as of: 6/7/23				
ITEM ID	Name	Rate	Usage Unit	Description
TILWID	Name	Nate	Osage Offic	Description
Pre-Built Products				
4156377000000084015	12v V2 DOT Street Legal System	\$100.00	Kits	The 12v V2 DOT Street Legal System is the new PCB-Driven Universal Lighting Kit based on the V1 System from the Raptor Project Electric Motorcycle. This V2 kit is designed to be more space efficient, more reliable, cheaper, Universal, and stylish.
4156377000000084024	Eggrider Dash for 12v V2 DOT Street Legal S	y: \$20.00	pcs	Eggrider Dashboard compatible with 12v V2 DOT Street Legal System
CAD/PCB Design				
4156377000000084033	CAD	\$75.00	Hours	Hourly rate: Fusion360 CAD Software Design, doesn't include offtime and consultation, Timed on time spent physically Modeling, Rendering, or Drafting.
4156377000000084060	CAM	\$40.00	Hours	CAM & GCODE file generation via Fusion360 CAD Software. Timing is based on time modeling/coding, consultation and downtime is not included in evaluation.
4156377000000084069	PCB Design	\$45.00	Hours	PCB Design through JLC EDA Design software. Time is calculated on time spent physically modeling, consultation, and downtime not included in the evaluation.
4156377000000084078	PCB Circuit Design	\$30.00	Hours	PCB Schematic and Circuit Design through JLC EDA software and LCSC component inquiry. Timing is based on time spent researching and sketching, downtime and consultation are not included in the total evaluation.
4156377000000084087	Industrial & Professional Drafting	\$20.00	Hours	Industrial & Professional CAD Drafting done in Fusion 360 CAD software. Time is based on time spent modeling/sketching, downtime and consultation are not included in the total evaluation.
Additive Menufecturing				
Additive Manufacturing 4156377000000084110	FDM Additive Manufacturing (In House)	\$10.00	Print Hours	FDM Additive Manufacturing solutions are done in-house. The rate includes material costs. Assembly and Hardware not included
4156377000000084110	SLS Additive Manufacturing (III House)	\$1.00	*MANUFACTUER PRICE*	SLS Additive Manufacturing Solutions by Xometry. Prices are by Manufacturer Pricing.
4156377000000084121	SLA Additive Manufacturing	\$1.00	*MANUFACTUER PRICE*	SLA Additive Manufacturing Solutions by Xometry. Prices are by Manufacturer Pricing.  SLA Additive Manufacturing Solutions by Xometry. Prices are by Manufacturer Pricing.
4156377000000084147	FDM Additive Manufacturing (Xometry)	\$1.00	*MANUFACTUER PRICE*	FDM Additive Manufacturing Solutions by Xometry. Prices are by Manufacturer Pricing.
4156377000000084147	SLM Additive Manufacturing (Xometry)	\$1.00	*MANUFACTUER PRICE*	SLM Additive Manufacturing Solutions by Xometry. Prices are by Manufacturer Pricing.
4156377000000084165	HP MJF Additive Manufacturing	\$1.00	*MANUFACTUER PRICE*	HP MJF Additive Manufacturing Solutions by Xometry. Prices are by Manufacturer Pricing.
4156377000000084174	PolyJet Additive Manufacturing	\$1.00	*MANUFACTUER PRICE*	PolyJet Additive Manufacturing Solutions by Xometry. Prices are by Manufacturer Pricing.
4156377000000084187	Photopolymer Additive Manufacturing	\$1.00	*MANUFACTUER PRICE*	Photopolymer Additive Manufacturing Solutions by Xometry. Prices are by Manufacturer Pricing.
4156377000000084196	LSPC Additive Manufacturing	\$1.00	*MANUFACTUER PRICE*	LPSC Additive Manufacturing Solutions by Xometry. Prices are by Manufacturer Pricing.
4156377000000084205	DLS Additive Manufacturing	\$1.00	*MANUFACTUER PRICE*	DLS Additive Manufacturing Solutions by Xometry. Prices are by Manufacturer Pricing.
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PCB Manufacturing				
4156377000000084214	FR-4 Standard PCB Manufacturing	\$1.00	*MANUFACTUER PRICE*	FR-4 Standard PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084259	FR-4 Advanced PCB Manufacturing	\$1.00	*MANUFACTUER PRICE*	FR-4 Advanced PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084272	Flex-PCB Standard PCB manufacturing	\$1.00	*MANUFACTUER PRICE*	Flex-PCB Standard PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.

4156377000000084281	Flex-PCB Advanced PCB Manufacturing	\$1.00	*MANUFACTUER PRICE*	Flex-PCB Advanced PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084290	Aluminum PCB Standard PCB Manufacturing	\$1.00	*MANUFACTUER PRICE*	Aluminum PCB Standard PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084303	Aluminum PCB Advanced PCB Manufacturing	\$1.00	*MANUFACTUER PRICE*	Aluminum PCB Advanced PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084320	Copper PCB Standard PCB Manufacturing	\$1.00	*MANUFACTUER PRICE*	Copper PCB Standard PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084329	Copper PCB Advanced PCB Manufacturing	\$1.00	*MANUFACTUER PRICE*	Copper PCB Advanced PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084342	Rodgers-PCB Standard PCB Manufacturing	\$1.00	*MANUFACTUER PRICE*	Rodgers-PCB Standard PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084351	Rodgers-PCB Advanced PCB Manufacturing	\$1.00	*MANUFACTUER PRICE*	Rodgers-PCB Advanced PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084364	PTFE-Teflon PCB Standard PCB Manufacturing	ոց \$1.00	*MANUFACTUER PRICE*	PTFE-Teflon Standard PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084377	PTFE-Teflon PCB Advanced PCB Manufacturi	in \$1.00	*MANUFACTUER PRICE*	PTFE-Teflon Advanced PCB Manufacturing by JLCPCB. Prices are by Manufacturer Pricing.
PCBA Assembly				
4156377000000084390	Economic PCBA PCB Assembly	\$1.00	*MANUFACTUER PRICE*	Economic PCBA Assembly by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084399	Standard PCBA PCB Assembly	\$1.00	*MANUFACTUER PRICE*	Standard PCBA Assembly by JLCPCB. Prices are by Manufacturer Pricing.
4156377000000084408	Advanced PCBA PCB Assembly	\$1.00	*MANUFACTUER PRICE*	Advanced PCBA Assembly by JLCPCB. Prices are by Manufacturer Pricing.
SMT Stenciling				
4156377000000084417	SMT Stenciling	\$1.00	*MANUFACTUER PRICE*	SMT Stenciling by JLCPCB. Prices are by Manufacturer Pricing.
CNC Machining				
4156377000000084432	3-Axis CNC Milling (In House)	\$150.00	Machine Hours	3-Axis CNC Milling services in Aluminum and Steel. Prices are based on live machining hours, setup, downtime, and consulting are not included in the total evaluation.
4156377000000084441	3-Axis CNC Milling (Xometry)	\$1.00	*MANUFACTUER PRICE*	3-Axis Machining by Xometry. Prices are by Manufacturer Pricing.
4156377000000084450	5-Axis CNC Milling	\$1.00	*MANUFACTUER PRICE*	5-Axis Machining by Xometry. Prices are by Manufacturer Pricing.
4156377000000084472	Wire EDM CNC Machining	\$1.00	*MANUFACTUER PRICE*	Wire EDM CNC Machining by Xometry. Prices are by Manufacturer Pricing.
4156377000000084463	CNC Lathe/Turning	\$1.00	*MANUFACTUER PRICE*	CNC Lathe/Turning Machining by Xometry. Prices are by Manufacturer Pricing.
Metal Cutting				
4156377000000084481	Laser Cutting (Oshcut)	\$1.00	*MANUFACTUER PRICE*	Laser Cutting Services by Oshcut. Prices are by Manufacturer Pricing.
4156377000000084494	Laser Cutting (Xometry)	\$1.00	*MANUFACTUER PRICE*	Laser Cutting Services by Xometry. Prices are by Manufacturer Pricing.
4156377000000084503	WaterJet Cutting	\$1.00	*MANUFACTUER PRICE*	WaterJet Cutting Services by Xometry. Prices are by Manufacturer Pricing.
4156377000000084512	PlasmaJet Cutting	\$1.00	*MANUFACTUER PRICE*	PlasmaJet Cutting Services by Xometry. Prices are by Manufacturer Pricing.
Metal Bending				
4156377000000084521	Metal Bending (Oshcut)	\$1.00	*MANUFACTUER PRICE*	Metal Bending Services by Oshcut. Prices are by Manufacturer Pricing.
4156377000000084530	Pipe Laser Cutting (Xometry)	\$1.00	*MANUFACTUER PRICE*	Piper Laser Cutting Services by Xometry. Prices are by Manufacturer Pricing.
4156377000000084539	Pipe Bending (Xometry)	\$1.00	*MANUFACTUER PRICE*	Pipe Bending Services by Xometry. Prices are by Manufacturer Pricing.
Injection Molding				
4156377000000084556	Injection Molding	\$1.00	*MANUFACTUER PRICE*	Injection Molding Services by Xometry. Prices are by Manufacturer Pricing.

4156377000000084565	Molding	\$1.00	*MANUFACTUER PRICE*	Plastic Molding Services by Xometry. Prices are by Manufacturer Pricing.
4156377000000084574	Urethane/Silicone Casting	\$1.00	*MANUFACTUER PRICE*	Urethane/Silicone Casting Services by Xometry. Prices are by Manufacturer Pricing.
4156377000000084583	HDPE Molding	\$1.00	*MANUFACTUER PRICE*	HDPE Molding Services by Xometry. Prices are by Manufacturer Pricing.
4156377000000084596	Metal Injection Molding	\$1.00	*MANUFACTUER PRICE*	Metal Injection Molding Services by Xometry. Prices are by Manufacturer Pricing.
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Casting				
4156377000000084609	Die Casting	\$1.00	*MANUFACTUER PRICE*	Die Casting Services by Xometry. Prices are by Manufacturer Pricing.
Metal Stamping				
4156377000000084618	Metal Stamping	\$1.00	*MANUFACTUER PRICE*	Metal Stamping Services by Xometry. Prices are by Manufacturer Pricing.
Metal Extrusion				
4156377000000084627	Metal Extrusion	\$1.00	*MANUFACTUER PRICE*	Metal Extrusion Services by Xometry. Prices are by Manufacturer Pricing.