De	ear Valued Customer,
	e are responding to your RFQ for Part No, received on//
	ease note the following issues with your print. Some of these may simply be money asters, others are show stoppers:
	Missing dimensions. If you don't know, does that mean we can guess?  Conflicting dimensions and tolerances. Shall you flip a coin, or should we?  Confusing geometry. We see the lines but have no idea what the part is supposed to look like. Please add appropriate hidden lines, views and other clues as to what
	you want. Or we can make it up as we go, since that appears to be what you did?  Illegible print quality. Please provide copies with sufficient resolution that all numbers and details are clear while not intoxicated.
	<b>Tolerances too tight for proposed fabrication methods.</b> If you don't want to pay for costly finishing operations like grinding, lapping and honing, move the decimal over by one or more places (to the left if you're unsure).
	<b>Tolerances too tight for any known fabrication method.</b> Please allow your draftsperson/designer to see actual machine shop equipment and methods periodically. Or tell us when your new technology patent is granted.
	<b>Tolerances inappropriate for the material being used.</b> Teflon flows and Nylon absorbs water. The parts will be right when they come off the machine, but we can't predict what size they might be when you receive them. Actually we can predict: we predict they'll be out of tolerance.
	<b>Part too large for available equipment.</b> Yes, we know it fit on your computer screen when you drew it, but so would the Queen Mary. Even if you can steam the boat up our driveway, that doesn't mean we have a machine big enough to make it
	Part too small for available equipment. Yes, it looked easy when you drew it at 1000X scale. So do the parts in ladies wristwatches. We are not watchmakers but can recommend both watchmakers and other shops that specialize in this sort of work. In either case they will lighten your wallet by remarkably disproportionate amounts as your parts shrink.
	Length to diameter ratio impractical for the features desired. You may want to talk to someone with a Swiss screw machine or who can do center-less grinding. Neither is an economical small quantity process, so we advise that you are sitting when you review their quotes.
	Features in inaccessible areas. If we can't get to it, we can't machine it.  Sharp internal corners. There is no such thing as a perfectly sharp tool and thus, no perfectly sharp internal corners. You can however, be sharp enough to tell us what radius is acceptable, or if we need to machine an undercut.

	Extreme surface finish requirements in areas where lapping and polishing
	processes can't be applied.
	<b>Extremely thin or negative wall thicknesses.</b> We charge the same amount for
	machining even if your part is gone when we're done. We'll probably also check
	this box if you have counterbores that just start to break out or threads that break
	into adjacent walls, making those nice parallel lines or slots.
	<b>Non-standard drilled holes.</b> Please note the sizes of #1-60, A-Z, fractional and
	metric size drill bits and use those sizes on your prints. Having custom drills
	ground wastes your money; so just give us a bonus if you've got extra to spare.
	Tiny/deep drilled holes and tapped holes. Check the size and L/D ratio of your
	holes. We don't like to remove broken drills and taps from parts and if the yield
	goes down you won't like paying for it.
	Tolerances too tight on thread depths/lengths. Allow two thread pitches of relief
	next to shoulders and don't over specify tapped thread depths. Go through or drill
	deep enough to allow room for chips and so the use of spiral flutes and bottoming
	taps can be avoided. Or not. It's <del>your</del> our money!
	Metric warning. In theory the ease and cost of a metric part should be identical to
	an imperial part. Because we've spent decades accumulating expensive inch-based
	tooling, the reality is somewhat different. We usually end up buying special metric
	sizes and the price of the parts will reflect this.
	Odd thread warning. Machinery's Handbook lists hundreds of standard threads
	but you decided to invent a new one. OK, you're not the first and won't be the last.
	We can cut almost any thread, but expect ridiculous prices to match your
_	ridiculous design if we have to order special/custom taps, inserts or gages.
	Customer supplied stock too small. There isn't enough material to clean up the
	surfaces and remain within tolerance. We tried squeezing the stock in the long
	dimension, hoping the middle would get bigger, but and it didn't work. Please
	supply the next larger stock size or use reasonable dimensions and tolerances.
	<b>Customer supplied stock too large.</b> Chips are piling up a lot faster than parts. We're going to make a lot of money at the scrap yard. Not only did you pay too
	much for the stock, rest assured you'll pay more for your parts due to the longer
	cycle time.
	Customer supplied stock is garbage. You get what you pay for and cheap
Ш	imported metals frequently don't meet machinability standards. We're sure it's
	metal of some sort, but have little interest in trying to machine it. Please stick with
	name brands of known composition.
	Material is unobtainable. Just because you found it listed in some table on the
_	Internet doesn't mean you can buy less than a railroad car full, or that the mill will
	be making it anytime in this decade.
	Special heat treatment or cold working is unobtainable. No, it isn't really
_	unobtainable, but the delivery time is two orders of magnitude beyond your
	expectation for the finished parts, as is the cost.
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Or	ne of the following actions will apply:
	A quotation has been supplied as we believe the above issues will be easily resolved with little impact on the price.
	We are responding with a NO-BID because we simply aren't set up to efficiently do this type of part or the quantities requested.
	No quotation will be supplied but we do invite you to resubmit the RFQ with the above items addressed and we'll be happy to reload and take another shot at it.
att bo ma	e've tried to respond with some typical snarky machinist humor to get your ention and keep your day interesting. If we've gone so far as to check any of the xes below it suggests you may want to examine your business relationships and tybe adjust your expectations as to what a machine shop requires to make a part and that we can and can't supply, while still making enough profit to remain in business.
	An astonishingly high quotation has been supplied as we believe the above issues will be resolved only with much confusion, many wasted hours and bad feelings had by all parties. Extra margin has also been included to cover the inevitable rework and replacement parts we expect you to demand, resulting from unclear drawings and limited access to anyone who can actually answer our questions and approve changes.
	We are responding with a NO-BID because we do not believe the above issues can be successfully resolved prior to hell freezing over.
	We are responding with a NO-BID because the desired delivery time occurs either in the past, a few hours from now, or suggests that you have no clue about material lead times and what it takes to make the part.
	We are responding with a NO-BID because you have consistently wasted our time quoting parts you obviously have no intention of ordering.
	We are responding with a NO-BID because you haven't paid for your previous orders and don't appear to have any intention of doing so.
	We are responding with a NO-BID because we have made this part before, or a very similar one, and our entire workforce has threatened to quit if we ever have to make it again.
	We are responding with the name of one of our most respected competitors, with our highest recommendations, in hopes that they will get suckered into this money losing disaster, while we work on parts that will at least allow us to break even.

Thank you, Your friendly local machine shop