# DRM 2 – what I heard

- Fit in a Falcon 9
- 3 year prime science phase includes a microlensing survey, supernova survey, galactic plane survey and GO program
- H4 RG – 10 is the baseline device
  - Requires development funding now
- Weak lensing and the galaxy redshift survey do not drive the design,
- slitless spectroscopic capability remains for GO and potentially a legacy Galaxy redshift survey that is redward of EUCLID
- An IFU will be included only if there is a demonstrable cost savings (in this case it does not drive the slitless spectroscopy)

# Things to consider (charge to the subcommittees)

- Pixel scale
  - Larger pixels (angular) = more sky for fewer devices = lower cost
  - More angle in same pixel physical size means a shorter focal length = faster optics = harder to control aberrations (don't care if requirements are relaxed)
- Telescope design
  - With weak lensing no longer a design driver, should we reconsider an on-axis telescope design? (more compact)
- Time allocations
  - What are the *minimum* requirements for μlensing, SN, galactic plane survey (how do we fit even these in 3 years)

# Things to consider (2)

- Wavelength/redshift coverage
  - Not what we *want*, but what we *need*
  - Shorter dispersed bandpasses = easier = cheaper
  - Lower spectral resolution = easier = cheaper
  - Filter complement
    - If we limit ourselves to higher redshift observations (leaving low redshift to ground/EUCLID)can we use fewer filters

# Things to consider