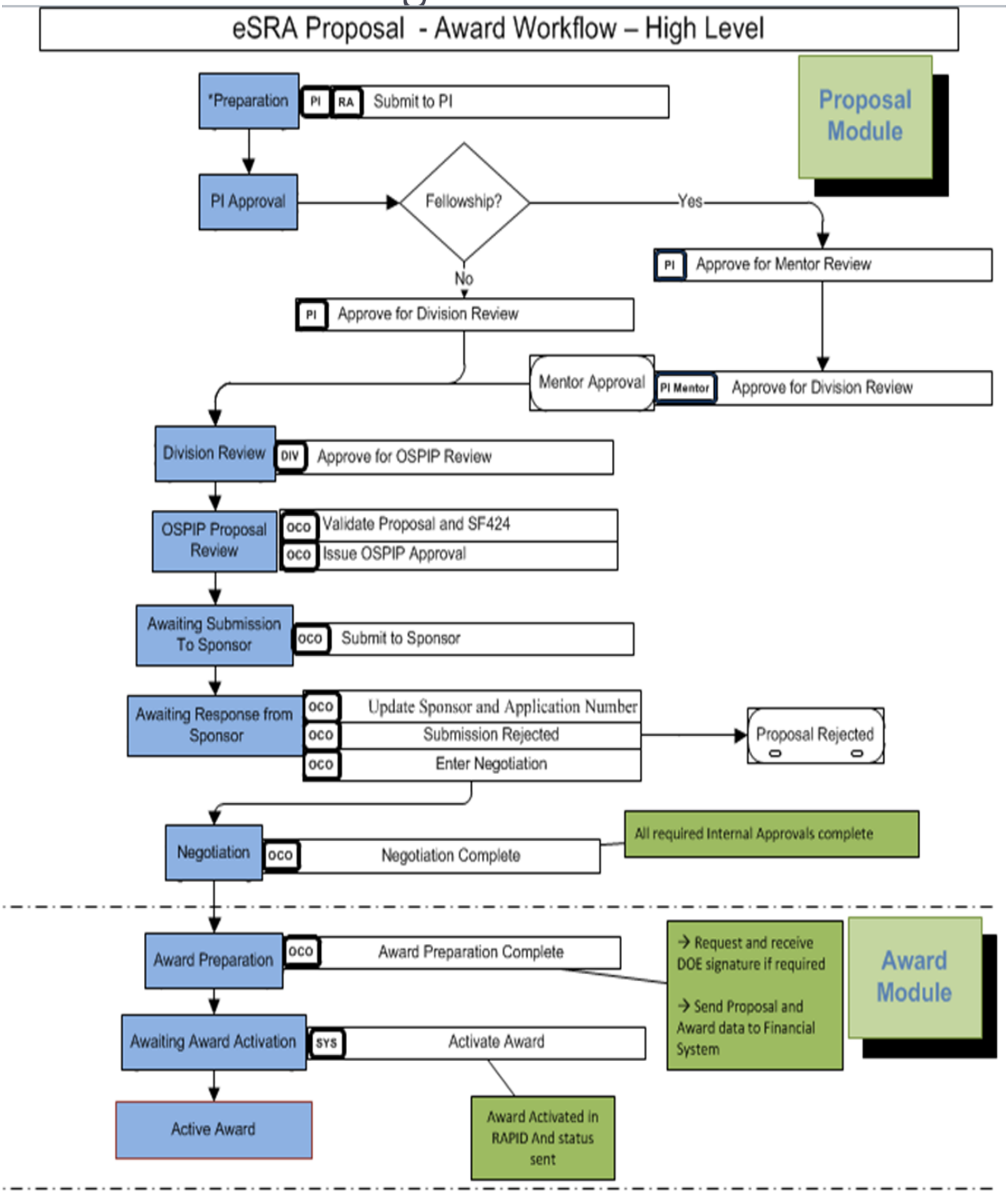Electronic Routing