

No.	Job Family	Division	Project Title	Project Description	Special Requirements	Discipline
1	Planning & Policy	Resource Development Division (Land)	Industrial Real Estate Pricing Index	(a) Study the basis of the various existing real estate pricing data sources. (b) Assess the feasibility of constructing an industrial real estate pricing index.	NA	NA
2	Planning & Policy	Human Capital Division	Home for Talent	Developing supply side matrix for leadership providers to complement HCLI	NA	NA
3	Planning & Policy	Human Capital Division	(a) Special Needs Education Market Study (b) Engineering Promotion and Industry Profiling	(a) Conduct market study for Special Needs education in Singapore. Requires deeper understanding of the various levels of special needs, a study of the demand and supply picture including the schools in public space. (b) Developing a business plan of how to commercialize the Engineering Promotion campaign. Identifying target audience, relevant partners and necessary seed funding	NA	NA
4	Planning & Policy	Business Environment	Geographical Tax Scanning and Competitiveness Research	(a) Research on tax systems of competitor countries, e.g. Netherlands, UK, Switzerland, Hong Kong (b) Research on Personal Income Tax Rates, Corporate Tax Rates, Tax Incentives (for R&D, mfg, IP)	NA	Students with Financial or Economics background preferred
5	Planning & Policy	Business Environment	Cost-Benefit Analysis for Financial Incentives Award	(a) Research on R&D incentives offered by other countries (maybe useful for S14E review). (b) CBA Review: To help to collate data and process project numbers in order to facilitate a thorough evaluation of CBA.	NA	Students with Financial or Economics background preferred

6	Planning & Policy	Strategic Planning	Country/City Competitiveness Monitoring	<p>Conduct research and competitor analysis of Singapore's competitor countries and / global cities (a specific country / city will be identified for the project).</p> <p>Present research findings according to EDB's competitiveness monitoring framework, highlighting learning points and observations that have implications on Singapore's strategic positioning and/ or economic strategy. This presentation will be made to EDB's senior management.</p>	Interest in economics and business strategy would be an advantage	NA
7	Planning & Policy	Strategic Planning	Country/City Competitiveness Monitoring	<p>Conduct research and competitor analysis of Singapore's competitor countries and / global cities (a specific country / city will be identified for the project).</p> <p>Present research findings according to EDB's competitiveness monitoring framework, highlighting learning points and observations that have implications on Singapore's strategic positioning and/ or economic strategy. This presentation will be made to EDB's senior management.</p>	Interest in economics and business strategy would be an advantage	NA
8	New Businesses	Industry Identification & Incubation	New Growth Opportunities for Singapore	<p>Phase 1: Identify and Present</p> <p>Identify ten new growth opportunities for Singapore. Sweep various sources of information, including companies, universities, research institutes and publications. Offer recommendations for establishing a structured process of information aggregation and idea distillation.</p> <p>Phase 2: Develop Plan and Present</p> <p>Research one growth opportunity in particular and develop strategies for winning under an adapted EDB 5 and 3-Step Framework. Meet with companies and/or relevant organisations to test assumptions and validate these strategies. Answer two key questions in relation to the opportunity: (1) why should we do it and (2) how should we do it.</p>	Wide interests spanning different and varied subject matters not limited to science and technology	NA

9	New Businesses	Lifestyle & Sports	New Opportunities for Sports Industry Development	<p>First Project For current focus area of sports rights management companies, identify new opportunity areas, e.g.:</p> <ul style="list-style-type: none"> • What new sports event rights should we encourage companies / Sports IOs to create out of Singapore • What new capabilities should we build in our sports services sector, i.e. new technologies like 3D content delivery, HDTV, etc. <p>Second Project Beyond current focus areas, what are the opportunities in sports industry promotion? E.g.:</p> <ul style="list-style-type: none"> • Sports database • Sports turf • Sports nutrition 	Interest in Sports would be an advantage	Sports Science Preferred
10	New Businesses	International Organisations Programme Office	<p>(a) Manpower Mapping for the Non-Profit Sector</p> <p>(b) Competitive Analysis of Competing Non-Profit Hubs</p>	<p>(a) Manpower Mapping</p> <ul style="list-style-type: none"> • Understand Supply: Stocktake of academic and executive education programmes in Singapore and the region regarding non-profit management • Understand Demand: Analyse the employment profiles, salary rates, training and development courses within non-profit organizations • Explore how Singapore can play a role regarding training and development for the sector and the types of programmes/research that Singapore should focus on <p>(b) Competitive Analysis</p> <ul style="list-style-type: none"> • NY, Geneva, Brussels, London, Hong Kong, Bangkok, Jakarta • Types of organizations established in these countries e.g. area of focus, activities, etc • Government activities to attract NPOs • Regulations and operating environment 	Interest in in non-profit sector would be an advantage	NA

11	New Businesses	International Organisations Programme Office	Analysis of Think Tanks	<p>(a) Analysis of Think tanks</p> <ul style="list-style-type: none"> Analyse the range of think tanks and their research output Explore the value proposition that think tanks bring to Singapore and the areas that Singapore would want to develop knowledge in i.e. think tanks that are relevant to Singapore's economy <p>(b) Social Finance</p> <ul style="list-style-type: none"> Research and analyse global trends Identify key players and strategies to engage them In-depth study of specific areas such as carbon financing, impact investment, philanthropy and bottom of the pyramid 	Interest in in non-profit sector would be an advantage	Finance Background would be preferred
12	New Businesses	Natural Resources	Singapore and the Global Commodity Market Place	<p>(a) Take stock of the global production and consumption of key hard and soft commodities – including base metals, precious metals, grains, oilseeds and key cash crop produce (cocoa, coffee, lentils and spices).</p> <p>(b) Map the physical commodity flows as well as the soft financial flows; identify the key global hubs for warehousing, trading, financing and shipping functions, while detailing their competitive advantages.</p> <p>(c) Compare Singapore's competitiveness as a location for the activities in point 2 above, from a tax, business environment and infrastructure stand point vis-à-vis other locations.</p> <p>(d) Identify wildcards that could jeopardize Singapore's position as a global business and trade hub for the metals & minerals and agri-commodity industry.</p>	Economics/Finance major or minor with strong analytical skills preferred	NA
13	Industry Development	Energy & Chemicals	Energy- The oil industry value chain	Industry analysis to provide a view of where value is captured along the oil industry value chain (exploration, production, refining, trading etc.)	Interest in economics, company analysis and comfort with basic financial statements would be an advantage	NA

14	Industry Development	Energy & Chemicals	Materials R&D to support new growth sectors	Develop winning moves and next steps to support materials R&D as an enabler for clusters to lead in their winning moves. Includes identifying strengths and weaknesses of specific materials areas.	Interest in new technologies in material sciences would be an advantage	Students with Chemical Engineering/Material Sciences
15	Industry Development	Energy & Chemicals	Jurong Island Version 2.0	Analysis of the competitiveness and sustainability of Jurong Island (e.g. logistics, safety, environment, energy and water efficiency), and provide recommendations for the Jlv2.0 Steering Committee.	NA	Students with Chemical Engineering/Material Sciences background
16	Industry Development	Logistics	Singapore as Home for Transportation & Pan Asian Trade Optimisation	What does it take for Singapore to be Home for Global Transportation Players? What is needed for Pan Asian Trade Optimisation?	Strong interest in Logistics would be an advantage	Students with Industrial Engineering background are preferred. Students with
17	Industry Development	Logistics	Current Technologies in Supply Chain Security	Conduct an environment scan of the current supply chain security measures in main economies	Interest in in Supply Chain Management & Security would be an advantage	Students with Industrial Engineering background are preferred. Students with
18	Industry Development	Urban Solutions	Singapore as a Home for Innovation	Construct a technology roadmap with a selected Living Laboratory Agency	NA	NA
19	Industry Development	Urban Solutions	Singapore as a Home for Innovation	Construct a technology roadmap with a selected Living Laboratory Agency	NA	NA
20	Industry Development	Precision Engineering	Study on Singapore's Existing Extended Supply Chain within the Precision Engineering Sector	Study, understand and map out Singapore's local and regional supply chain to support existing Precision Engineering Partners in Singapore	NA	NA

21	Industry Development	Precision Engineering	Study on the Test & Measurement Industry as a Potential Growth Sector	Study and consider potential opportunities in the Test & Measurement Industry. Subsequently, provide recommendations on whether EDB should consider this industry as a future growth industry for the Precision Engineering sector.	NA	NA
22	Industry Development	Electronics	(a) Future of Printing & Imaging: Managed Print Services & 3D Printing (b) Human Machine Interface (HMI) technologies	(a) Research and meet Printing & Imaging companies, such as HP, Kodak, Xerox, Canon, etc., to understand new growth areas for their business such as in managed print services (integrating IT services with printing solutions) and 3D printing. (b) Study and identify opportunities for Singapore in the area of HMI technologies, such as next gen touch screens, full-body motion sensors (ala Xbox Kinect), neural chips, etc.	Interest in technology would be an advantage	NA
23	Industry Development	Electronics	(a) Next Generation Energy Storage Technologies (b) Developing a Competitive Supplier Ecosystem for Singapore's Wafer Fabrication Sector	(a) Study, identify opportunities, and recommend initiatives for S'pore to develop key capabilities in next generation energy storage or battery technologies, that could transform the landscape for clean technology or electric vehicles. (b) Identify gaps in the supplier base for our wafer fabs, and recommend solutions enhance our supplier ecosystem.		
24	Industry Development	Professional Services	(a) Develop Singapore as the World's Most Innovative Business and Professional Services Hub (b) Growing a Vibrant Ecosystem of Boutique Consulting Firms	(a) Conduct competitor analysis of other global business hubs, identify key competitive factors as well as opportunities for disruptive innovation (b) Identify boutique consulting firms that are highly specialized in industries of relevance to Singapore, or have unique functional competencies that would be of value to companies pursuing path-breaking asian strategies, and develop an approach for attracting these firms to Singapore	Interest in business strategy, economics, company analysis, and reading publications such as the McKinsey Quarterly, Harvard Business Review and Economist.	NA

25	Industry Development	Professional Services	Winning in Asia - the Gap Between Thought Leadership and Current Practice of Business Strategies for Asia	Literature review of thought leadership articles on how to win in Asia, and comparing this against on the ground realities by understanding current practice of MNCs operating in Asia	Interest in business strategy, economics, company analysis, and reading publications such as the McKinsey Quarterly, Harvard Business Review and Economist.	NA
26	Industry Development	Professional Services	(a)The Shift of Power to Asia - the Growing Role of MNC's Regional HQs in Asia (b)Developing an "Asian Pathfinder Index" of companies who have been most successful in operating in Asia	(a)Understand the forces that are shifting strategic control from MNC's home-country HQs to their regional HQs in Asia, and how Asian HQs may re define cutting-edge business practice as they deal with the unprecedented scale, pace and complexities of operating in fast-moving and ambiguous Asian markets. (b)Define a methodology to derive the Asian Pathfinder Index, understand how company RHQs drive strategy and top-line growth, and importantly, how Singapore can provide a competitive advantage to such HQs vis other Asian locations	Interest in business strategy, economics, company analysis, and reading publications such as the McKinsey Quarterly, Harvard Business Review and Economist.	NA
27	Industry Development	Professional Services	Charting the Future of the Communications Services Sector	Perform a competitiveness scan of the communications services sector in Singapore (e.g. advertisers, brand consultancies, media agencies) specifically to i) map out key capabilities of the 20 largest advertising agencies, ii) identify their key client segments, suppliers and partners, iii) highlight key growth trends & opportunities and iv) provide recommendations on growing the comms services sector	Interest in business strategy, economics, company analysis, and reading publications such as the McKinsey Quarterly, Harvard Business Review and Economist.	NA
28	Industry Development	Infocommunications & Digital Media	Embedded Systems	Study, identify opportunities, and recommend initiatives for Singapore in the area of embedded systems.	NA	EE Background preferred
29	Industry Development	Infocommunications & Digital Media	Software- New Opportunities from Emerging Geographies	Study the software industry landscape in emerging geographies such as Latin America and Russia; identify opportunities for Singapore; and provide recommendations for how EDB can leverage these opportunities.	Work/study experience in Russia/ Latin America would be an advantage	Computer Science Background preferred
30	Industry Development	Infocommunications & Digital Media	Opportunities in the App Economy	Study the disruptive nature of the App Economy; identify opportunities for Singapore; and provide recommendations for how EDB can leverage their opportunities.	Interest in Technology would be an advantage	Computer Science Background

31	Industry Development	Infocommunications & Digital Media	360 Content Commercialization	Study the new media platforms sector (including target companies, business models, value propositions), and provide recommendations on what and how Singapore can build up our competencies in this area.	Interest in New Media Trends	Comms background would be an advantage
32	Industry Development	Consumer Businesses (Fashion & Hospitality)	Opportunities within the Lifestyle Space	<p>First Project</p> <p>Identify the opportunities and value capture from lifestyle industries such as but not restricted to-</p> <p>1) Toys (e.g. Mattel, Hasbro, Lego, etc)</p> <p>2) Bookstores (e.g. Borders, Kinokuniya, etc)</p> <p>Intern to propose at least 3 lifestyle industries with in-depth analysis of opportunities within each industry.</p> <p>Second Project</p> <p>Identify and propose ways in which we can grow Singapore-based fashion distributors (e.g. Wing Tai, FJ Benjamin, etc).</p>	NA	NA
33	Industry Development	Transport Engineering (Aerospace)	Singapore's Competitiveness in Maintenance, Repair & Overhaul (MRO)	<p>Assessment of competition in MRO</p> <p>Identification of extent of Singapore's capabilities in current aircraft/engine models.</p> <p>Recommendation of areas where Singapore can develop differentiating competences, and how it meets out H2H objectives</p>	Interest in Engineering would be an advantage	Background in Aeronautical/Mechanical engineering would be preferred
34	Industry Development	Transport Engineering (Marine)	Marine Equipment Opportunities for Singapore	Based on broad marine equipment value chain, market opportunities and demand drivers/queen bees that have been identified, to propose specific items, including recommending specific product segments and themes to focus on, specific engagement models and incentive mechanisms to implement.	NA	Background in Mechanical engineering would be preferred
35	Industry Development	Transport Engineering (Marine)	Oilfield Chemicals	Based on broad marine equipment value chain, market opportunities and demand drivers/queen bees that have been identified, to propose specific items, including recommending specific product segments and themes to focus on, specific engagement models and incentive mechanisms to implement.	NA	Background in Mechanical engineering would be preferred

36	Industry Development	Transport Engineering (Oil & Gas)		Build upon initial study by E&C group on oilfield chemicals industry to drill down to actionable items including recommending specific product segments to focus on, identifying capability gaps in Singapore today and RIs to work with to build up specific capabilities.	Interest in Engineering would be an advantage	Background in Chemical Engineering would be preferred
37	Industry Development	Transport Engineering (Oil & Gas)		Build upon initial study by E&C group on oilfield chemicals industry to drill down to actionable items including recommending specific product segments to focus on, identifying capability gaps in Singapore today and RIs to work with to build up specific capabilities.	Interest in Engineering would be an advantage	Background in Chemical Engineering would be preferred
38	Industry Development	Consumer Businesses (Consumer Care)	Natural Ingredients	Industry analysis to provide a view of where value is captured along the natural ingredients industry value chain (discovery, process technologies, applications, etc.). Identify leading companies with strong competencies along the value chain.	Interest in economics, industry and company analysis and comfortable with learning about science would be an advantage	NA
39	Industry Development	Consumer Businesses (Food & Nutrition)	Opportunities in the Nutrition Industry	Identify the opportunities and value capture from the nutrition industries beyond infant nutrition, such as but not limited to:- 1) Medical nutrition 2) Maternal nutrition 3) Performance (Cognitive) nutrition Propose other nutrition sectors (beyond infant nutrition) with in-depth analysis of opportunities within each.	NA	Background in chemistry or other sciences science preferred
40	Industry Development	Consumer Insights Programme Office	New Opportunities for the Market Research Industry	Conduct competitor analysis of other global market research hubs, identify key competitive factors as well as opportunities for disruptive innovation Identify key companies, as well as boutique market research firms that are highly specialized in industries of relevance to Singapore, or have unique functional competencies that would be of value to companies, and develop an approach for attracting these firms to Singapore	Interest in business strategy, economics and company analysis would be an advantage	NA

41	Industry Development	Biomedical Sciences (Medical Technology)	Life Sciences	<p>(a)Characterizing the trend of Life Science Companies moving into Molecular Medicine (Clinical Dx and Personalized Genetic Screening)</p> <p>(b)Identifying Key Technical/Scientific Capabilities Required for Microarray and Mass Spec R&D, where the current centres of gravity are and how we can replicate them in Singapore</p>	Interest in Biomedical Sciences related matters would be an advantage	Background in Bioengineering/ Life Sciences preferred
42	Industry Development	Biomedical Sciences (Medical Technology)	MedTech R&D Talent	Identifying gaps in R&D MedTech Talent and potential pathways to develop MedTech R&D	Interest in Biomedical Sciences related matters would be an advantage	Background in Bioengineering/ Life Sciences
43	Industry Development	Biomedical Sciences (Pharmaceuticals & Biotechnology)	Manufacturing	<p>(a)Analysis and benchmarking of manufacturing costs / productivity</p> <ul style="list-style-type: none"> • Combine desktop research and liaise with local pharma (and EPC?) execs to understand key indicators for pharma productivity • Carry out sensitivity analysis to identify the biggest factors that influence cost/productivity, and recommend solutions <p>(b)Analysis of global pharma manufacturing trends</p> <ul style="list-style-type: none"> • Carry out industry analysis to understand the impact of disparate growth rates of emerging markets (15%) and pharma market (4-5%) on existing and future manufacturing capacity and pharma's strategies to deal with worldwide production. • Understand where is the growth to be captured – in new modalities such as biologics; in contract manufacturing of biosimilars and what is Sgp's strategy to capture that growth correspondingly. • Propose hypothetical manufacturing campus of the future – what and how its needs would differ from those of today. 	Technical Inclination towards Chemical Engineering Processes would be an advantage	Background in Chemical Engineering, Life Sciences

44	Industry Development	Biomedical Sciences (Pharmaceuticals & Biotechnology)	Headquarters	<p>Benchmarking the growing functions of MNCs' Asian RHQs</p> <ul style="list-style-type: none"> • Understand the changing roles and relevance of pharmas' Asian RHQs • Investigate the crucial shared services (what coys do it?) and skill sets required to expand the scope of functions of Asian RHQs • Work closely with Prof Svcs (see similar projects) to engage and attract relevant service providers. 	Interest in Business aspect of Pharmaceuticals Industry would be an advantage	Background in Life Sciences/Pharmacy/Chemical Engineering
45	Industry Development	Building & Infrastructure Solutions	Singapore's Economic Value Proposition for Infrastructure Companies	<p>(a)Market and technological trends in infrastructural developments – Conduct a sweep of the demand and supply factors that affect the market for infrastructure projects, and from which Singapore can viably serve. Key themes include sustainability, ultra-skyscrapers, eco-towns. Develop case studies to understand what top multinational companies are doing in this space and what resources underpin their success.</p> <p>(b)Identify gaps in Singapore's ecosystem – Financing, talent, technology, and export factors like DTA and FTAs, as well as market linkages. Talk to existing ecosystem players (e.g. World Bank, other infra funds, IOs, etc) to scope out their roles in supporting large-scale projects.</p> <p>(c)Generate list of top infra companies for EDB engage –To identify companies from EDB's catchment regions (North America, Europe, Asia-Pacific) that EDB has not previously engaged. Develop a game plan to attract these companies to base operations in Singapore.</p>	Strong interest in urbanization and sustainable buildings	NA
46	Industry Development	Cleantech	New Solar Technologies	Singapore is seeking to build a globally competitive solar industry in manufacturing technology and system integration. We require an intern to identify and research on new solar technologies (e.g. concentrated PV technology, CIGS, enabling technologies) that could be applicable to Singapore's solar industry development efforts.	Strong interest in alternative energies would be an advantage	NA

47	Industry Development	Cleantech	New Growth Areas for Singapore's Water Industry	Singapore has made significant progress in the area of municipal water treatment and has built up a base of companies that provide technology, solutions and services to this segment of the water industry. We are seeking to broaden the scope of our water industry and will require an intern to do a detailed study on opportunities for Singapore in new areas such as industrial water treatment, ballast water treatment technologies, intelligent water infrastructure etc.	Strong interest in alternative energies would be an advantage	NA
48	Industry Development	Cleantech	Smart Grids, Energy Storage & the Environment	Across the world, governments and companies are looking at ways to modernize their electricity transmission and distribution networks with new information, communication and sensor technologies. We are seeking an intern to conduct a study on opportunities in smart grids, including grid scale energy storage systems. We will also require an intern to explore new industry development opportunities in the environment sector.	Strong interest in alternative energies would be an advantage	NA
49	Global Operations	Middle East Ops	Anchoring Headquarter Projects from Globally Competitive Companies	<p>Project Objective: To study potential tax advantages and disadvantages for ME companies to set up a HQ in Singapore, taking into account the incentives EDB offer + Global Traders Programme.</p> <p>Deliverables:</p> <ul style="list-style-type: none"> - Provide an overview of the ME tax landscape - Identify the tax structures used by ME companies with operations in Singapore (e.g. Sabic, ENOC, Drydocks, Agility, Aramex, Al-Jeber) - Recommend potential tax structures that could be adopted by ME companies in Singapore - Recommend if additional tax treaties/agreements with other countries can potentially increase Singapore's attractiveness in anchoring HQs from ME companies 	Interest in tax structures would be an advantage	Economics background preferred

50	Corporate Development	Marketing & Communication (Brand Channel)	Brand Management	Support brand management projects including photography, developing marketing collaterals and other assets such as videos.	Interest in Marketing would be an advantage.	NA
51	Corporate Development	Marketing & Communication (Business Marketing)	Competitor Analysis	(a) Assessment of the strengths and weaknesses of current competitors to Singapore in specific industry sectors and parts of the value chain eg R&D, manufacturing or HQs (b) Identification of up-and-coming future competitors (c) Assessment of Singapore's strengths and weaknesses vis-à-vis our competitors	Interest in or some knowledge of Marketing	NA
52	Corporate Development	Marketing & Communication (Business Marketing)	Competitor Analysis	(a) Assessment of the strengths and weaknesses of current competitors to Singapore in specific industry sectors and parts of the value chain eg R&D, manufacturing or HQs (b) Identification of up-and-coming future competitors (c) Assessment of Singapore's strengths and weaknesses vis-à-vis our competitors	Interest in or some knowledge of Marketing would be an advantage	NA
53	Corporate Development	Human Resources (Talent Development)	Online Learning at EDB	Identify opportunities and develop an approach to leverage technology for Learning in EDB. This includes assessment and recommendation of suitable online learning platforms, design of on-line learning structure, and organisation of existing learning materials into bite-sized, learner-friendly format.	Strong interest in IT would be an advantage	HR background would be preferred but not strictly required
54	Contact Singapore	Contact Singapore (Marketing Communications)	(a) Marketing Research (b) Online and Social Media	(a) Marketing research exercise – project manage the exercise including leading the research agency and working towards outcomes required for the exercise (b) Strategising and spearheading CS' online and social media marketing and interactions	NA	Students with marketing, communications or research studies background preferred