

浙江省 2018 年拟引进 外国专家需求信息表

目录

浙江省杭州市 2018 年拟引进外国专家需求信息表	5
杭州方得智能科技有限公司.....	5
杭州跨界科技有限公司.....	8
杭州龙旗科技有限公司.....	9
三花控股集团有限公司.....	12
机械科学研究院浙江分院有限公司.....	14
浙江杭化新材料科技有限公司.....	17
浙江华德新材料有限公司.....	20
建德市环保科技创新创业中心有限公司.....	21
浙江圣持新材料科技有限公司.....	27
浙江省宁波市 2018 年拟引进外国专家需求信息表	32
宁波楷世环保科技有限公司.....	32
宁波能之光新材料科技股份有限公司.....	34
宁波市鄞州德来特技术有限公司.....	36
宁波永发集团有限公司.....	37
浙江省温州市 2018 年拟引进外国专家需求信息表	39
海尚集团有限公司.....	39
浙江省嘉兴市 2018 年拟引进外国专家需求信息表	40
浙江航天恒嘉数据科技有限公司.....	40
浙江新发现机械制造有限公司.....	43

嘉兴好事帮医疗器械有限公司.....	45
浙江省湖州市 2018 年拟引进外国专家需求信息表.....	47
浙江华缔生物工程有限公司.....	47
浙江省绍兴市 2018 年拟引进外国专家需求信息表.....	49
浙江奇彩环境科技股份有限公司.....	49
浙江益森科技股份有限公司.....	50
浙江新和成特种材料有限公司.....	51
绍兴康可胶囊有限公司.....	54
三花控股集团有限公司.....	56
浙江同星科技股份有限公司.....	57
浙江医药股份有限公司新昌制药厂.....	60
浙江新和成股份有限公司.....	62
绍兴御茶村茶业有限公司.....	64
浙江夸克生物科技有限公司.....	67
浙江莱姆控股集团有限公司.....	69
浙江省衢州市 2018 年拟引进外国专家需求信息表.....	71
浙江省开化七一电力器材有限责任公司.....	71
浙江永力达数控科技股份有限公司.....	72
浙江省舟山市 2018 年拟引进外国专家需求信息表.....	76
浙江省海洋开发研究院.....	76
中紫能源科技（舟山）有限公司.....	79
浙江省台州市 2018 年拟引进外国专家需求信息表.....	81

星威国际家居有限公司.....	81
永高股份有限公司.....	82
浙江铁马科技股份有限公司.....	86
浙江大鹏机械有限公司.....	92
浙江富地机械有限公司.....	92
浙江铭匠科技有限公司.....	93
浙江省丽水市 2018 年拟引进外国专家需求信息表.....	95
浙江晨龙锯床股份有限公司.....	95

浙江省杭州市 2018 年拟引进外国专家需求

信息表

杭州方得智能科技有限公司

项目名称:	爱芽智能助理系列项目	
申报日期:	2018.3.21	
用人单位:	杭州方得智能科技有限公司	是否高新企业? 是
所属行业:	人工智能	
所在地区:	杭州临安青山湖科技城	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>杭州方得智能科技有限公司成立于 2015 年 5 月, 是一家致力于“美好生活, 说说就有”的人工智能商业公司。公司总部坐落于杭州市临安区青山湖科技城, 并在杭州市梦想小镇设有运营和开发中心。</p> <p>公司专注于打造智能语音交互产品以及围绕其运营新型的对话式商业平台。目前, 公司自主研发的 AYAHTM 爱芽智能助理引擎已经连接和整合了大量语音内容、服务以及商业资源。基于此, 方得智能面向广大消费者已经推出了具有多轮策略型对话能力的国内领先的爱芽智能助理 AYAHTM、爱芽智家 AYAHTM HOMETM 以及爱芽智慧家庭套装等产品。通过软硬件结合和多场景联动, 方得智能正在将人工智能落地到广大的移动、车载和家居场景中, 通过爱芽为用户带来真正便捷、优质和人本的美好生活体验。</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	我们正在寻找对数据充满热情的科学家, 并希望应用机器学习 / 深度学习技术来解决企业的实际问题	
	要解决的问题:	
	1、 您将帮助开发预测建模、文本和图像挖掘、推荐、聚类、异常检测、预测方法、深度学习和其他高级统计技术的功能。 2、 您将需要提供对复杂问题的的设计以及机器学习、深度学习功能的解决方案。包括对问题的定义, 开发和交付的数据采集、数据探索和可视化特征工程, 尝试用 ML / DL 算法, 评价和比较的指标, 部署模型, 迭代改进的解决方案	
需达到的指标或参数:		

	<p>1.能够对统计分析和建模算法进行原型化，并将这些算法应用于新领域中的数据驱动解决方案。</p> <p>3.精通一个或多个高级程序开发语言(C#/C/C++/Java/F#), 精通一个活多个脚本开发语言(Python/Perl/Shell), 对一种活多种机器学习工具有使用经验(Weka, R, RapidMiner, KNIME, Scikit Learn, SAS, SPSS, ModelBuilder etc.)</p> <p>3.有端到端的深度学习方案解决经验</p>	
对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	<p>计算机专业优先</p> <p>精通 tensorflow 框架者优先</p> <p>6 个月以内回国</p>	
拟提供的薪酬待遇（年薪）：	50 万-100 万	
拟聘专家人数及专家国别地区：	2 人，没有特殊的国别要求	
项目联系人及职务：	彭黔平，CEO	
联系电话、传真：	13093715465	
通信地址、邮政编码：	浙江省杭州市临安区星港路 618 号主楼 4 层 411 室	
电子邮件、网址：	ai-up@fitme.ai,www.fitme.ai	
Project Name:	AYAH	
Date:	21 March ,2018	
Client:	Hangzhou Found Intelligence Technology Co., Ltd.	Hi-tech Firm? YES
Industry:	Artificial intelligence	
Region:	Qingshan Lake Science and Technology City in Ling'an District, Hangzhou,	
Project Information (client information, main areas of activity, project background, etc.):	<p>Hangzhou Found Intelligence Technology Co., Ltd. is an artificial intelligence company established in May 2015. We are committed to make everyone enjoy the life through VUI. Our slogan is "Around You, Arrive Happiness". We work hard to create smart, smooth voice interaction products and operate VUI-based contents, services, and businesses.</p> <p>The company is headquartered in the Qingshan Lake Science and Technology City in Ling'an District, Hangzhou, and has established the operation and dev center at the Dream Town of Hangzhou.</p> <p>At present, the self-owned AYAH™ virtual personal assistant engine has integrated mass voice contents, online services and business contents, and has formed five major skill areas: smart home, daily life consumption, travel arrangement, family health, and audio entertainments. With AYAH™ virtual personal assistant</p>	

	<p>engine, we provide three main products to our consumers: the mobile app AYAH GO™, the smart home center AYAH HOME™, and AYAH™ STYLE package for daily life. Our company possesses the unique multi-round and multi-mode interactive technology, which provides dynamic and sequence decision-making capability. At the same time, we have built strong hardware and software integration capability which has served many scenarios. With these advantages, the company devotes itself to applying artificial intelligence to mobile, in-vehicle and household scenarios, so that people can really enjoy convenient, intelligent, elegant and happy life experience with the use of AYAH™.</p>
<p>Nature of Activity Requested for Experts (Project description, assignment target, etc.):</p>	<p>Description:</p>
	<p>We are looking for scientists who are passionate about data and want to apply machine learning techniques to solve real-world problems for enterprises and public-sector organizations.</p>
	<p>Issues to solve:</p>
	<p>You will help develop capabilities for predictive modeling, text and image mining, recommendations, clustering, anomaly detection, forecasting methods, deep learning and other advanced statistical techniques. You will work on all aspects of the design, development and delivery of machine learning enabled solutions including problem definition, data acquisition, data exploration and visualization, feature engineering, experimenting with ML algorithms, evaluating and comparing metrics, deploying the models, iteratively improving the solution, building the tools for this process etc.</p>
	<p>Statistics & Data:</p> <ol style="list-style-type: none"> 1. Ability to prototype statistical analysis and modeling algorithms and apply these algorithms for data driven solutions to problems in new domains. 2. Software development skills in one or more high level languages (C#/C/C++/Java/F#), one or more scripting languages (Python/Perl/Shell), knowledge of R. Expertise any of the common ML tools (Weka, R, RapidMiner, KNIME, Scikit Learn, SAS, SPSS, ModelBuilder etc.) is a plus. 4. Ability to build production grade machine learning enabled solutions end to end. 5. Ability to build production grade artificial intelligence enabled solutions end to end.

Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	1.Major in Computer Science, Automation engineering or equivalent 2. Familiarity with the framework of tensorflow 3. Return within 6 months
Proposed Annual Payment for Experts (USD) :	8000-15000
Number of Experts Required and which country experts is from:	Two experts
Contact Person and Position:	Pengqianping, CEO
Telephone and Fax:	+86 13093715465
Post Address and Post Code:	Room 411,NO.618 Xinggang Road,Linan Distric of Hangzhou City,Zhejiang Province,China
E-mail and Web:	ai-up@fitme.ai www.fitme.ai

杭州跨界科技有限公司

项目名称:	IoT 物联网产品设计	
申报日期:	2018-03-29	
用人单位:	杭州跨界科技有限公司	是否高新企业? 是
所属行业:	设计创意, 共享经济	
所在地区:	杭州	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	我们致力于: 智能家电、智能手机、互联网金融、移动互联网、IOT 物联网等领域的设计服务, 感谢大家的支持和帮助做出了一定的成绩。客户遍及美国、日本、欧洲、墨西哥、伊朗、阿联酋、中国等, IoT 物联网产是我们新的产品线。	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	为了能设计出国际水准的 IoT 产品, 我们需要一名能带领团队的设计专家, 在工业设计, 用户体验和交互设计上为我们的产品线设计方案。	
	要解决的问题:	
	国际一流的工业设计, 适合国情的用户体验和交互设计, 组建和带领设计团队达到业界一流水平。	
	需达到的指标或参数:	
	国际大公司 5 年以上工作经验, 欧美硕士以上学历, 国内 5 年以上本地经验。	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	工业设计或交互设计专业毕业, 5 年以上海外工作经验, 期望 2018 年内能到岗	
拟提供的薪酬待遇(年薪):	50 万/年	
拟聘专家人数及专家国别地区:	1 人 美国或欧洲	

项目联系人及职务:	黄杰斌 运营总监
联系电话、传真:	18658820536
通信地址、邮政编码:	杭州市滨江区滨盛路 1777 号萧宏大厦 17B
电子邮件、网址:	Jiebin@neocross.com.cn www.neocross.com.cn

杭州龙旗科技有限公司

项目名称:	中国二级市场证券定价离散风险（Jump Risk）量化解析 以及大数据/机器学习增值性解析	
申报日期:	2018 年 3 月	
用人单位:	杭州龙旗科技有限公司	是否高新企业? 是
所属行业:	金融/证券	
所在地区:	浙江省杭州市	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>杭州龙旗科技有限公司是一家由美国资深量化基金经理归国创办的高科技资产管理公司。公司创始人和核心团队均来自世界顶级资产管理公司,拥有全球视野及多年发达国家和发展中国家市场的量化投资经验。</p> <p>公司专注于量化投资研发和资产配置管理,凭借领先的技术研发、精准的市场判断,龙旗科技获得了市场和专业投资机构的一致认可。公司成立迄今,已累计发行私募基金产品近百只、管理资产规模超百亿元、为客户创造超额收益数十亿元,累计纳税超 8 千万元。</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	<p>顶尖高等院校经济与金融专业的专家/高级学术(偏实证)研究人才;</p> <p>顶尖资产管理公司,投资银行与金融科技公司的经济金融量化建模(侧重投资管理与风险控制等)的专家/高级研发人员;</p> <p>顶尖高新科技公司的数据挖掘,分析与人工智能等方面的专家/高级研发人员。</p>	
	要解决的问题:	
	<p>中国市场核心证券定价风险预测与管理:</p> <p>(1) 微观: 债务违约, 财务欺诈与市场操纵等事件发生概率;</p> <p>(2) 中观: 市场交易流动性的动态特征;</p> <p>(3) 宏观: 证券监管, 货币供应与财政引导对于情绪, 资金与风格产生影响的传递机制的周期性表现;</p> <p>大数据与机器学习在量化资管的可应用性:</p> <p>(1) 此二者对提升证券定价风险控制(短中期价值)的贡献分析;</p> <p>(2) 此二者对提升资本市场深度与宽度(长期价值)的价值分析;</p>	
	需达到的指标或参数:	

	<p>模型选择： 由专家根据自身过往的研究经历与专长，在 1. 财务欺诈 2.市场操纵 3.市场交易流动性 4.监管行为 5.货币供应与 6.财政引导 7.大数据/机器学习与量化资管等 7 个课题领域进行选择，完成 (1) 事件概率预测模型等定义与因子构建（财务欺诈，市场操纵，监管行为/货币供应/财政引导 离散行为，大数据与机器学习在财务欺诈与市场操纵预测模型上的使用） (2) 一，二阶或更高阶的矩预测模型定义与因子构建（市场交易流动性，货币供应，大数据与机器学习在以上 2 类预测模型的使用） (3) 预测模型结果与个券/组合定价变化矩的关联分析； 表现指标： (1) 模型表现 -- 事件：ROC 或其他，矩：MSE 或其他； (2) 预测结果与证券定价矩的关系--（IC 与 IR）</p>		
<p>对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：</p>	<p>学位：博士 专业：经济学/金融学/数据分析（机器学习，人工智能） 语言：英语文献 经验：国外院校或公司工作任职 5 年以上</p>		
<p>拟提供的薪酬待遇（年薪）：</p>	<p>底薪 100 万/年以上（人民币），上不封顶</p>		
<p>拟聘专家人数及专家国别地区：</p>	<p>3 位；美国为主，也考虑英国，新加坡和香港</p>		
<p>项目联系人及职务：</p>	<p>郭光、洪飞，事业部董事总经理、发展部部长</p>		
<p>联系电话、传真：</p>	<p>0571-85857576； 0571-86483938</p>		
<p>通信地址、邮政编码：</p>	<p>浙江省杭州市余杭区访溪路西溪艺术集合村 21 栋</p>		
<p>电子邮件、网址：</p>	<p>guang.guo@sci-inv.com;fei.hong@sci-inv.com</p>		
<p>Project Name:</p>	<p>Quantitative Analysis of Jump Risk for Securities Pricing in China's Secondary Market and the Value-added Analysis of Bigdata/ML</p>		
<p>Date:</p>	<p>March, 2018</p>		
<p>Client:</p>	<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Hangzhou Longqi Scientific Investment Ltd</td> <td style="width: 30%;">Hi-Tech? Yes</td> </tr> </table>	Hangzhou Longqi Scientific Investment Ltd	Hi-Tech? Yes
Hangzhou Longqi Scientific Investment Ltd	Hi-Tech? Yes		
<p>Industry:</p>	<p>Finance/Securities</p>		
<p>Region:</p>	<p>Hangzhou, ZheJiang Province</p>		
<p>Project Information (client information, main areas of activity, project background, etc.):</p>	<p>Hangzhou Longqi Scientific Investment Co., Ltd. is a Hi-Tech asset management company founded by senior quantitative fund managers from United States. The founders and the core members of the company all come from the world leading asset management company and have global vision and experience of quantitative investment in many developed and developing countries.</p> <p>The company focuses on quantitative investment management. With leading technology, R & D and market insight, Longqi Scientific Investment has been well recognized by the market and professional investment institutions. Since the establishment, the</p>		

	<p>company has issued nearly 100 private-equity funds, managed assets over 100 billion RMB and created profits in billions for clients with a total tax payment exceeding 80 million RMB.</p>
<p>Nature of Activity Requested for Experts (Project description, assignment target, etc.):</p>	<p>Description:</p>
	<p>Experts/ Senior Research Faculty in the fields of economics and finance (with empirical study focus) of the top graduate school and research institutes; Experts / Senior R & D personnel in the quantitative modeling research departments (with quantitative strategy modeling and risk modeling focus) of the world-class Asset Management companies, Investment Banks and Fintech companies; Expert / Senior R & D personnel in the Bigdata modeling and analytics departments (with ML/DL and AI focus) of world-class Hi-Tech companies;</p>
	<p>Issues to solve:</p>
	<p>Jump Risk for Security Pricing in China Secondary market: (1) micro-level: default, fraud and market manipulation; (2) market-level: the dynamics of the trading liquidity; (3) macro-level: the behavioral pattern of securities regulation, money supply and fiscal policy on industrial/regional development and their impact on market sentiment, funding supply and investment style; Application of Bigdata and ML to quantitative asset management: (1) the value on the risk management of securities investment (short and medium term); (2) the value on the development of the depth and breadth of the capital market (long term);</p>
	<p>Statistics & Data:</p>
	<p>Modeling Objective: According to their past experience and expertise, the experts choose from 1. Financial fraud 2. Market manipulation 3. Trading liquidity Jump Movement 4. Regulation Behavior 5. Money Supply 6. Fiscal policy 7. Bigdata/ML on Quantitative Investment for modeling analysis. (1) The baseline model structure specification, factor selection and estimation of discrete-event-prediction model (financial fraud, market manipulation, discrete shock of regulatory behavior/money supply/fiscal policy on industrial/regional development, and application of Bigdata and ML to Fraud/Manipulation Forecasting). (2) The baseline model structure specification, factor selection and estimation of first/second or higher moment prediction</p>

	<p>model (trading liquidity, market sentiment/funding supply/investment style in relation to money supply/regulation/fiscal policy, the application of Bigdata /ML onto trading liquidity forecasting).</p> <p>(3) The value-added analysis of the above modeling outcomes onto the pricing behavior of individual securities/portfolio;</p> <p>Performance metrics:</p> <p>(1) model performance – discrete events: ROC or others, first/second moments: MSE or others;</p> <p>(2) value-added analysis : IC and IR analysis on strategy with different selection of risk exposure ;</p>
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	<p>Degree: Ph.D.</p> <p>Major: Economics / Finance / Bigdata Analytics (Machine Learning, AI)</p> <p>Language: English</p> <p>Experience: 5+ years in world leading institutes/company</p>
Proposed Annual Payment for Experts (USD) :	Base 175K USD and above
Number of Experts Required and which country experts is from:	3, US mainly and will consider UK, Singapore and HK
Contact Person and Position:	Dr. Guang GUO, Managing Director Ms. Fei HONG, Senior Director
Telephone and Fax:	0571-85857576; 0571-86483938
Post Address and Post Code:	Building Y21, Xixi Art Gathering Campus, Fangxi Road, Hangzhou, Zhejiang Province, China
E-mail and Web:	guang.guo@sci-inv.com;fei.hong@sci-inv.com

三花控股集团有限公司

项目名称:	汽车空调热管理系统零部件产品经理/项目经理（泵类、阀类、换热器类）	
申报日期:	2018.2.24	
用人单位:	三花控股集团有限公司	是否高新企业? 请选择
所属行业:	制造业	
所在地区:	杭州	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>三花控股集团始创业于1984年，集团以“科技之花、人才之花、管理之花”为内涵，走过“专注领先”的34年发展之路，业已成为享誉海内外的“全球制冷空调控制部件王国”。目前，集团在国内建有绍兴新昌、杭州、芜湖、沈阳、鹰潭、</p>	

	<p>常州、苏州、中山等生产基地，在海外建有波兰、美国、墨西哥、印度、奥地利等生产基地，设有北美、欧洲、日本、韩国、东南亚 10 多家综合性公司，共有海内外员工 1.6 万余名。</p> <p>三花控股集团荣获 2017 年中国制造业 500 强企业、2017 年中国机械工业百强企业、2017 年中国民营 500 强企业、2017 年中国民营制造业 500 强企业、2017 年浙江省百强企业、绍兴市十强企业、全国质量奖获奖企业、浙江省政府质量奖获奖企业、杭州市五一劳动奖状、绍兴市五一劳动奖状等多项荣誉。集团以“技术领先”为经营方针，建有中央研究院、国家级技术中心、国家级博士后工作站、院士工作站等科研机构，拥有 4 家国家级高新技术企业，截止到目前，科研人员约 1200 人，拥有专利 1900 多项，其中发明专利 1200 多项。</p> <p>浙江三花汽车零部件产业是三花控股集团下属核心产业，主要经营新能源汽车及传统汽车热管理系统用、空调系统用各类核心零部件，产品包括热力膨胀阀、电子膨胀阀、贮液器、控制器、电磁阀，电子水泵、电子水阀、各类车用换热器等一系列产品。</p> <p>公司秉承“技术领先”战略，聚焦新能源汽车产业，努力为客户提供清洁、环保、绿色的产品，以优良的品质和诚信的服务，赢得国内外客户的高度信赖。公司业已成为特斯拉、戴姆勒、宝马、大众、通用以及上汽、一汽、长安、长城、江铃、吉利等国内外知名汽车厂商，以及 Mahle、Valeo、Sanden、Behr 等国际著名汽车空调制造商全球采购的长期合作伙伴。</p>
<p>专家需求情况（要解决的主要问题、需达到的指标参数等）：</p>	<p>概述：</p> <ol style="list-style-type: none"> 1、汽车空调热管理系统球阀或冷媒电磁阀或泵类产品的全面负责人，负责发展产品计划，确保计划的执行、监控和修正。 2、 全权负责产品设计及过程设计、项目管理、产品产业化、产品宣介、产品市场服务及产品生命周期管理工作。 <p>要解决的问题：</p> <ol style="list-style-type: none"> 1、审核项目立项审核、审批，确定项目目标及关键阶段进度计划。 2、 审核和评估项目所需资源、成立项目小组、评估项目投资预算。 <p>需达到的指标或参数：</p> <p>负责所辖产品的标准化、技术变更等工作，持续推进产品技术降成、工艺降成等。</p>
<p>对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：</p>	<p>海外留学博士及以上学历，制冷、热管理、电机、流体、机械、电子信息工程等相关专业毕业。</p>
<p>拟提供的薪酬待遇（年薪）：</p>	<p>25-100 万/年</p>

拟聘专家人数及专家国别地区:	2 人
项目联系人及职务:	方芬 招聘经理
联系电话、传真:	18605859185
通信地址、邮政编码:	
电子邮件、网址:	

机械科学研究院浙江分院有限公司

项目名称:	OLED 面板前段制造工艺中的薄膜检测技术及装备	
申报日期:	2018.3.28	
用人单位:	机械科学研究院浙江分院有限公司	高新企业
所属行业:	工业 - 机械	
所在地区:	杭州	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>用人单位基本情况:机械科学研究院浙江分院有限公司以非标成套装备开发、表面工程技术开发为主要研究方向,开展的服务包括科学研究、成果推广、人才培养、技术咨询等。拥有一批包括院士、教授、研究员、高级工程师等高级技术人才。共承担国家、省市级科研项目 30 多项,科研成果获奖 10 多项。自成立以来,浙江分院先后被认定为高新技术企业、省科技型中小企业、市级行业技术中心、省级企业技术中心、市十佳科研院所、省市机器换人服务中心、工信部“两化融合”管理体系贯标咨询服务机构。</p> <p>主要业务领域:空分、燃汽轮机、家电、橡胶、安全门等行业,拥有杭氧、杭汽轮、老板电器、中策橡胶、王力门业等众多大型企业用户。</p> <p>项目背景:OLED 是一种全新的显示技术。显示技术是我们日常生活中不可或缺的一部分,根据其发展历程大致可划分为:CRT 阴极射线显像管显示技术阶段、LED 显示技术阶段、LCD 液晶显示技术阶段和 OLED 有机材料显示技术等阶段。OLED(有机发光二极管),是一种由有机分子薄片组成的固态设备,施加电力之后可以自发光,能够让电子设备产生更明亮、更清晰的图像,其耗电量小于传统的发光二极管,可实现柔性显示,是一种全新的显示技术。尽管目前 LCD 液晶显示仍占据显示市场的主导地位,但 OLED 技术凭借其自身的优势已经对传统 LCD 液晶显示发起了强势挑战,是下一代显示技术最有力的竞争者之一。</p> <p>目前在国内没有此类装备。我们觉得从提升中国的精密测</p>	

	量装备业和 OLED 制造水平考虑很有必要开发此类技术和装备。	
专家需求情况（要解决的主要问题、需达到的指标参数等）：	概述： 中国在 OLED 制造和其他的薄膜制造工艺的检测方面有巨大的市场需求，但其基础理论和应用技术与国外又有很大差距，市场上的产品供应也很少，这种局面急需改变。因此为了缩小差距，实现赶超，应该积极开展与国外的合作，以推动我国在该领域的进步与发展。利用我们机械研究院的平台，一起开发 OLED 制造中所需的检测技术和装备。	
	要解决的问题： (1) 适用于大规模电子制造业（集成电路和平板显示）的光谱椭偏仪设计；(2) 薄膜光学材料模型的分析软件；(3) 平板显示测量装备的自动化技术；(4) OLED 制造中的检测需求；(5) OLED 制造中的其他光学检测技术的应用	
	需达到的指标或参数： (1) 形成基本的光学检测分析能力。 (2) 建立大型精密检测装备的开发能力。	
	对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	光学仪器专业；博士学位；英语；2018 年；3 年
	拟提供的薪酬待遇（年薪）：	100 万元
拟聘专家人数及专家国别地区：	1 人，美国	
项目联系人及职务：	高维伊，部长	
联系电话、传真：	0571-87826020；0571-87826020	
通信地址、邮政编码：	杭州上城区中河中路 175 号；310001	
电子邮件、网址：	zjfy_work@163.com ； http://www.cam-zj.com.cn	
Project Name:	Detection technology and equipment of thin film in front part of OLED panel manufacturing process.	
Date:	2018.3.28	
Client:	The Chinese mechanical academy of sciences zhejiang branch Hi-tech Firm	
Industry:	Industrial-machinery	
Region:	Hangzhou	
Project Information (client information, main areas of activity, project background, etc.):	client information : The Chinese mechanical academy of sciences zhejiang branch is mainly engaged in the development of non-standard complete sets of equipment and the development of surface engineering technologies. The services provided include scientific research, results promotion, talent training, and technical consultation. There are a group of senior technical personnel including academicians, professors, researchers, and senior engineers. We have undertaken more	

	<p>than 30 national, provincial and municipal scientific research projects and won more than 10 scientific research awards. Since its inception, has been identified as high-tech enterprises, the provincial science and technology small and medium-sized enterprises, the municipal industry technical center and provincial enterprise technology center, the city's 10 scientific research institutes, provinces and cities machine substitution service center, ministry of the "two integration" management system, jitc consulting services.</p> <p>main areas of activity : Air separation, gas turbine, home appliances, rubber, safety door and other industries, including hangzhou oxygen, hangzhou steam wheel, boss electrical appliances, zhongce rubber, wang li door industry and other large enterprise users.</p> <p>project background: OLED is a new display technology. Display technology is an integral part of our daily lives, according to its development can be roughly divided into: CRT cathode ray tube displays, LED display, LCD liquid crystal display technology and OLED display technology of organic material, etc. OLED (organic light emitting diode), is a kind of thin solid state devices, by organic molecules can be illuminated, after applying power to electronic devices produce brighter and clearer image, its power consumption is less than conventional leds, which can realize flexible display, is a kind of brand-new display technology. Although the LCD liquid crystal display (LCD) still occupy the dominant market position, but OLED technology with the advantages of its own has launched a strong challenge to traditional LCD liquid crystal display (LCD), one of the most powerful competitors is the next generation display technology.</p> <p>There is no such equipment at home. We think it is necessary to develop such technology and equipment from improving China's precision measurement equipment industry and OLED manufacturing level.</p>
<p>Nature of Activity Requested for Experts (Project description, assignment target, etc.):</p>	<p>Description:</p> <p>China has a huge market demand for the detection of OLED manufacturing and other thin-film manufacturing processes, but its basic theory and application technology research is very different from that of foreign countries, and the supply of products in the market is very small. This situation is in urgent need of change. Therefore, in order to close the gap and catch up, we should actively carry out cooperation with foreign countries to promote our country's progress and development in this field. Using the platform of our institute of mechanical research, we will develop the testing technology and equipment</p>

	needed in OLED manufacturing.
	Issues to solve:
	(1) design of spectral ellipsoid for large-scale electronic manufacturing (integrated circuit and flat-panel display); (2) analysis software of thin film optical material model; (3) the automation technology of measuring equipment for flat panel display; (4) testing demand in OLED manufacturing; (5) application of other optical detection technologies in OLED manufacturing.
	Statistics & Data:
	(1) To form basic optical detection and analysis capabilities. (2) Develop the development capability of large precision detection equipment.
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Major in optical instrument; doctor's degree; English; 2018; 3 years
Proposed Annual Payment for Experts (USD) :	159228
Number of Experts Required and which country experts is from:	1 person; United States
Contact Person and Position:	Weiyi Gao, minister
Telephone and Fax:	0571-87826020; 0571-87826020
Post Address and Post Code:	175 middle river road, shangcheng district, Hangzhou;310001
E-mail and Web:	zjfy_work@163.com ; http://www.cam-zj.com.cn

浙江杭化新材料科技有限公司

项目名称:	造纸化学品先进应用技术专家	
申报日期:	2018年3月21日	
用人单位:	浙江杭化新材料科技有限公司	是否高新企业? 否
所属行业:	造纸及其化学品; 纤维素新材料	
所在地区:	浙江杭州市临安区	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	浙江杭化新材料科技有限公司成立的目的是为了高效运行杭州市化工研究院有限公司在浙江省青山湖科技城建立的国家造纸化学品工程技术研究中心, 当前公司/中心急需先进的造纸化学品应用技术, 重点是造纸化学相关的先进分析	

	技术以及造纸化学品应用效果的快速评价方法。
专家需求情况（要解决的主要问题、需达到的指标参数等）：	概述： 寻求掌握或能帮助开发造纸化学相关的先进分析技术以及造纸化学品应用效果快速评价方法的外国专家。
	要解决的问题： 建立分析各种高阳离子聚合物（如聚胺、聚二甲基二烯丙基氯化铵、聚乙烯亚胺）、变性淀粉、改性聚丙烯酰胺、反应型高疏水性化学物（如 AKD、ASA）含量（包括抄纸时它们吸附在湿态纤维上的量、残留在水中的量或干燥的成纸中的量）的方法，并将它们运用于分析多个化学品依次加入纸料而形成的复杂体系中各助剂的吸附情况，籍此快速评价造纸湿部化学品的应用效果。
	需达到的指标或参数： 主要针对高阳离子聚合物(如聚胺、聚二甲基二烯丙基氯化铵、聚乙烯亚胺等)、变性淀粉、改性聚丙烯酰胺、反应型高疏水性化学物（AKD、ASA）等物质，建立相应的微量检测方法不少于 4 种； 明确三元及以上复杂体系中前序助剂对后续助剂吸附作用的影响关系，撰写高质量技术报告不少于 1 份； 探索常用造纸助剂在纤维上分布状态的分析方法，撰写高质量技术报告不少于 1 份。
	对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等： 专业：制浆造纸、化学分析等 学位：硕士及以上，博士优先 语言：英语 经验：熟悉造纸湿部化学或化学分析 时间：一年，对方尽可能快到位时算起
拟提供的薪酬待遇（年薪）：	约 50 万，具体面议
拟聘专家人数及专家国别地区：	1 人；美国、加拿大、澳大利亚、芬兰、日本、韩国等
项目联系人及职务：	王立军；副总经理
联系电话、传真：	0571-5862-2186； 186-0651-3327
通信地址、邮政编码：	浙江省杭州市临安区青山湖科技城钱坞路 168 号
电子邮件、网址：	wangchem89@163.com; http://www.hhs.cn

Project Name:	Expert on Advance Application Technologies of Paper Chemicals	
Date:	March 21, 2018	
Client:	Zhejiang Hanghua New Materials Science & Technology Co. Ltd.	Hi-tech Firm? No
Industry:	Papermaking and its Chemicals; Cellulosic New Materials	
Region:	Lin'an District, Hangzhou City, Zhejiang Province	

<p>Project Information (client information, main areas of activity, project background, etc.):</p>	<p>Zhejiang Hanghua New Materials Science & Technology Co. Ltd. was established to efficiently run the National Engineering and Technological Research Center of Paper Chemicals which was founded in the Qianshan Lake Science & Technology Park of Zhejiang Province by Hangzhou Research Institute of Chemical Technology. At present the company/center is highly in wanting of advanced application technologies in paper chemical, especially on the advanced analysis methods of micro-amount of paper chemicals, and rapid evaluation methods on the efficiency of paper chemicals.</p>
<p>Nature of Activity Requested for Experts (Project description, assignment target, etc.):</p>	<p>Description:</p> <p>In wanting of expert who has mastered or is capable of developing advanced application technologies of paper chemicals, especially on the advanced analysis methods of micro-amount of paper chemicals, and rapid evaluation methods on the efficiency of paper chemicals.</p> <p>Issues to solve:</p> <p>Establish analysis methods on micro-amount of paper chemicals such as highly cationic polymers (e.g., polyamine, polyDADMAC, polyvinylamine), modified starches, polyacrylamides, reactive hydrophobicity-giving chemicals (e.g., AKD and ASA); the chemicals might be adsorbed on the wet fibers or reside in the filtrated water during sheet forming, or in the dried paper sheets. The methods should also be applicable to analyze the adsorption of every paper chemical in multiple chemical system which is gradually formed as the paper chemicals are added one by one to a paper stock. All the technologies developed are aimed to be used on quickly evaluating the application efficiency of paper chemicals.</p> <p>Statistics & Data:</p> <ol style="list-style-type: none"> 1. Establish no less than 4 kinds of analysis methods on micro-amount of paper chemicals such as highly cationic polymers (e.g., polyamine, polyDADMAC, polyvinylamine), modified starch, polyacrylamides, reactive hydrophobicity-giving chemicals (e.g., AKD and ASA); 2. Elucidate the interaction of a pre-added chemical with a post-added one in a multiple system with at least three different chemicals, with at least one high quality technical report; 3. Explore the method of detecting the distribution of common paper chemicals on the surface of fiber, with at least one high quality technical report.

Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Professional: Pulp and Paper Making, Chemical Analysis Degree: Master and above, Ph. D preferred Language: English Experience: Familiar with wet-end chemistry of papermaking, or instrumental analysis of fine chemicals Assignment target date, duration: One year from the most possible day of the applicant Location: Li'an District of Hangzhou City
Proposed Annual Payment for Experts (USD) :	80,000USD
Number of Experts Required and which country experts is from:	1 Expert, from USA, Canada, Australian, Finland, Japan, Korea, etc.
Contact Person and Position:	Lijun Wang, Vice General Manager
Telephone and Fax:	0571-5862-2186; 186-0651-3327
Post Address and Post Code:	No. 168, Qianwu Road, Qianshan Lake Science & Technology Park, Lin'an, Hangzhou, Zhejiang Province
E-mail and Web:	wangchem89@163.com; http://www.hhs.cn

浙江华德新材料有限公司

项目名称:	保温隔热涂料	
申报日期:	2018.3.22	
用人单位:	浙江华德新材料有限公司	是高新企业
所属行业:	建筑涂料生产制造	
所在地区:	中国杭州	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	浙江华德新材料从事建筑涂料生产研发已经有 25 年的历史, 业务范围已涵盖几乎全部类别的建筑涂料, 随社会对节能环保的需求在不断扩大, 我们推出保温隔热涂料的研发。	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	保温隔热涂料是一种具有一定蓄热保温功能的新型水性成型材料, 与隔热反射涂料配套使用可有效降低能耗水平。	
	要解决的问题:	
	改善导热系数和强度, 以及防火性能。	
	需达到的指标或参数:	
导热系数<0.08 W/m ² *K		
强度>0.06MPa		
防火性能 A 级或 B1 级		

建德市环保科技创新创业中心有限公司

项目名称:	新型水性树脂合成技术开发与应用	
申报日期:	2018年3月	
用人单位:	建德市环保科技创新创业中心有限公司	是否高新企业? 否
所属行业:	节能环保	
所在地区:	建德市	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>建德市人民政府和浙江大学(环境与资源学院)合作成立的创新创业平台,主营人才集聚、技术研发和产业孵化,助力建德市工业产业转型升级、发展绿色和先进制造业。2014年11月注册成立,建有化学分析、色谱分析、物性表征、环境微生物、催化材料、固废资源化、水与污水处理等实验室和综合检测实验室,已引进25名海内外专业人才,形成以博士、硕士和留学归国人员为核心的技术研发团队和创业团队,2016年被评定为建德市级孵化器、2017年被中国科学技术协会授予“海智基地工作站”。</p> <p>我国是世界上最大的环氧树脂生产国,占全球生产总量的60%。环氧树脂是目前用量最大、综合性能最好的涂料树脂之一,在各种工业和民用涂料中占据着极其重要的位置。近年来,环氧树脂用量在不断增长,然而由于其本身粘度大、溶剂用量大、环境污染大等问题,给环境带来越来越严重的负面影响。众所周知,挥发性有机污染物(VOCs)是非常重要的空气污染物,也是雾霾的重要组分。涂料生产及其应用行业是我国VOCs的重要排放源。据统计,生产500多万吨的油性环氧树脂涂料,可以产生超250万吨的VOCs。减少涂料中VOCs排放,须从生产源头削减乃至避免。水性环氧树脂取代油性环氧树脂就是源头绿色化的技术。因此,高性能水性化的树脂和固化剂的研究开发,对于我国而言,是一个巨大挑战,具有极其显著的环保效益与经济价值。预计到2020年,全球水性环氧树脂市场将达到12.5亿美元,而其中我国占比达40-50%,前景非常可观。</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	<p>概述:</p> <p>早在远古时期,人们就开始以水和矿物粉混合成悬浮物作为水性涂料,后来又以蛋青作为成膜物配以矿物颜料和水制成原始涂料。随着天然涂料(油类)和溶剂涂料的慢慢发现,原始简单的水性涂料逐渐被淘汰而边缘化。20世纪30年代,现代水性涂料开始起源于德国;由于战争的需要,油料供应变得非常紧张,德国开始研制以醋酸乙烯酯为主的乳液涂料;到40年代,已成功研制阳离子水性聚氨酯,标志着现代水性涂料生产的开始。随着全球环保意识的日益增强,水性涂料的研制生产逐渐成为了绿色社会的标志之一。70年代,水性醇酸、阴离子水性聚氨酯和水性丙烯酸-聚氨</p>	

酯共混体系开始用作木地板涂料；80-90年代，随着水性涂料性能的提高，欧美国家开始大规模推广应用水性涂料，使得水性涂料在行业中的占比迅猛提升，如建筑涂料中占比达90%以上，工业涂料中占比也达40%。进入21世纪，水性技术的发展更是日新月异，各种新品种高性能水性涂料层出不穷，如无助溶剂体系、无皂乳化技术体系、自交联体系、双组分体系及水性UV等等。

作为全球用量最大的涂料品种之一的环氧树脂（2015年总产值150亿美元，我国占总用量的60%），由于其自身难以乳化双组分反应等原因，在早期水性化程度都比较低。环氧树脂水性化技术是在近几年才得到突破性的发展。第一代水性化技术是外加乳化剂法，利用机械搅拌、相反转、水溶性固化剂等来乳化环氧树脂；通过该技术得到的产物粒径大，粒度分布宽，乳液稳定性差，成膜性能差。第二代水性化技术为固化剂乳化法，通过改造固化剂结构使固化剂亲水性增加以乳化环氧树脂得到水性涂料。通过这种方法获得的产物虽然比第一代性能有所提高，但因其相容性受限易导致成膜性差、成膜厚，也因其表面微孔隙增多易导致耐腐蚀差、光泽度低等问题。之后也有利用环氧基与各种水溶性化合物如磷酸氨基酸等反应使之水性化的技术，通过该技术得到的产物粒径比外加乳化剂法有所降低，性能有所提高，但仍存在着稳定性差、耐水耐腐蚀差等问题，与溶剂型环氧树脂相比，性能上仍有巨大的差距。20世纪90年代末，Shell公司率先成功研制开发双组分散体的环氧树脂体系，即第三代水性环氧体系。其显著特点是水性环氧树脂和水性固化剂均为水分散体，固化剂有一定疏水性，二者HLB值接近，使得二者的匹配性提高，有效降低了水溶性成份的用量，而且体系中不存在游离的表面活性剂，降低了涂料对水的敏感度，增加了体系稳定性，大大提高了涂膜性能；某些性能已达到甚至超过了溶剂型环氧体系。

目前我国高端水性环氧涂料行业的绝大部分市场由欧美公司所占据如Hexion, Huntsman, Cytec等。国内的水性环氧涂料产品尚处于第一代第二代水平，仍没有从技术和生产上妥善解决水性树脂诸如疏水亲水材料的选择、不同材料的反应结合条件、水性环氧树脂与水性固化剂的匹配等方面的性能瓶颈，较落后于国际先进水平，急需研发解决。

要解决的问题：

- (1) 合成技术和产品配方；
- (2) 工业化工艺设计。

需达到的指标或参数：

	<p>(1) 环氧乳液指标 乳液密度: 1.01-1.20; 固含量: 45-65%; 环氧当量 (EEW): 250-850; 乳液粒径 (50%): 0.08-2.0 微米; 稳定性: 常温 6 个月以上不分层或轻微分层。</p> <p>(2) 水性固化剂 密度: 1.0-1.30; 固含量: 50-80%; 胺氢当量: 200-1000; 其它参照环氧乳液。</p> <p>(3) 应用性能 接近/达到目前国际上一线品牌产品, 如 Cytec 和 Huntsman。</p>
对专家的人选要求 (专业、学位、语言、经验等) 及专家来华的具体时间、期限等:	高分子化学专业, 博士学位, 5 年及以上海外工作年限
拟提供的薪酬待遇 (年薪):	60 万元
拟聘专家人数及专家国别地区:	1 人, 荷兰
项目联系人及职务:	潘江江, 副主任
联系电话、传真:	13456800288
通信地址、邮政编码:	杭州市建德市洋溪街道江景路 1 号, 311607
电子邮件、网址:	pjj3246460@hotmail.com, http://www.jdest.org/
Project Name:	Development and application of new synthetic technology of waterborne resin
Date:	March 2018
Client:	Environmental Technology Innovation Center of Jiande Hi-tech Firm? No
Industry:	Energy Conservation And Environment Protection
Region:	Jiande
Project Information (client information, main areas of activity, project background, etc.):	Environmental Technology Innovation Center of Jiande is a innovation platform co-founded by the Municipal Government of Jiande and Zhejiang University (College of Environmental and Resource Sciences), mainly engaged in talents gathering, technologies development and industrial incubation, to drive the industry of Jiande city to restructure and upgrade, to develop green and advanced manufacturing. It was incorporated in November 2014. Chemical analysis, chromatographic analysis, characterization, environmental microbiology, catalysis and materials, solid waste, water and sewage treatment laboratory and comprehensive testing laboratory have been currently established. 25 overseas professionals have been introduced to form the technology R &

	<p>D team and entrepreneurial team mainly composed of doctors, masters and returning brains. It was evaluated as municipal incubator of Jiande city in 2016.</p> <p>China is the largest producer of epoxy resins in the world, accounting for 60% of global production. Epoxy resin is one of the most widely used coatings with the best comprehensive performance, playing an extremely important role in various industrial and civil coatings. In recent years, the using amount of epoxy resin has been growing. However, due to its own viscosity, large amount of solvents, environmental pollution and other issues, it brought more and more serious negative impact on the environment. As we all know, volatile organic compounds (VOCs) are very important air pollutants, and an important component of fog and haze. The production and application of coatings is an important source of VOCs emission in China. According to statistics, the production of approximately 5 million tons of epoxy resin paint, would produce over 2.5 million tons of VOCs. To reduce VOCs emissions from coatings, it is necessary to reduce or avoid from the source of production. Waterborne epoxy resin replacing oily epoxy resin is the technology of source greening. Therefore, the research and development of High Performance Waterborne Resin and Curing Agent are great challenges for our country, having extremely remarkable environmental benefits and economic value. It is expected that global markets of water epoxy resin will reach \$1.25 billion by 2020, while it will account for 40-50% by China. That is very promising.</p>
<p>Nature of Activity Requested for Experts (Project description, assignment target, etc.):</p>	<p>Description:</p> <p>In ancient times, people had begun to mix water and mineral powder into suspension as waterborne coatings, and later used the white as film forming material with mineral pigments and water into the original paint. With the gradual discovery of natural coatings (oil) and solvent coatings, the original simple waterborne coatings were gradually eliminated and marginalized. In 1930s, modern waterborne coatings began to originate in Germany. Due to the requirements of war, the oil supplying became tense; Germany began to develop emulsion coating based on vinyl acetate. By 1940s, Germany successfully developed the cationic waterborne polyurethane, marking the beginning of modern waterborne paint production. With the increasing awareness of global environmental protection, the development of waterborne coatings has gradually become one of the signs of green society. In 1970s, waterborne alkyd, anionic waterborne polyurethane and waterborne acrylic</p>

polyurethane blends were initially used as wood floor coatings; In 80-90s, with the improvement of waterborne coatings performances, Europe and the United States began to promote and apply the waterborne coatings on a large scale, making the proportion of waterborne coatings in the industry increase rapidly such as more than 90% in architectural coatings and 40% in industrial coatings. In the 21st century, the development of waterborne technology is changing rapidly; a variety of new high-performance water-based coatings are emerging in an endless stream such as non-cosolvent system, non-soap emulsification system, self-crosslinking system, two-component system and aqueous UV etc.

Epoxy resins, is one of the largest coatings classification in the world (In 2015, the total output value was \$15 billion, accounting 60% of the total amount for China). In the early stage, its waterborne degree is rather low because of its difficulty in emulsification and two-component reaction. Waterborne epoxy resin technology has gotten a breakthrough development just in recent years. The first generation of waterborne technology was the application of emulsifier, in which epoxy resin was emulsified by mechanical stirring, phase inversion and water soluble curing agent. The product obtained by this technology had the characteristics of large particle size, wide particle size distribution, poor stability and poor film forming property. The second generation of waterborne technology was the emulsification method by reforming curing agents, in which waterborne coating was prepared through reforming the structure of curing agents to increase the hydrophilicity of curing agents. The product obtained by this technology had higher performance than the first generation, while it was easy to form poor film formation and film thickness because of its limited compatibility, and to form poor corrosion resistance and low gloss because of the increase of micro pore surface. Afterward, There were also these technologies in the use of the reaction of epoxy and a variety of water-soluble compounds such as phosphoamino acid to make it waterborne. The particle size of the products were lower than that of the emulsifier and performance had been improved, but there were still some problems such as poor stability, poor water resistance and corrosion resistance. Compared with solvent based epoxy resin, there was still a huge gap in performance. At the end of 1990s, Shell company first successfully develops the epoxy resin system with two-component aqueous dispersion, namely the third generation waterborne epoxy system. It was obvious that

	<p>the waterborne epoxy resin and the water curing agent were both aqueous dispersions. Curing agent had a certain degree of hydrophobicity. Their HLB values were close, so that their matching property was improved, effectively reducing the amount of water-soluble ingredients. In addition, there was no free surfactant in the system, which reduced the sensitivity of the coating to the water, increased the stability of the system, and improved the performance of the coating. Some properties have reached or exceeded the solvent based epoxy system.</p> <p>At present, the vast majority of China's high-end waterborne epoxy industry is dominated by European and American companies such as Hexion, Huntsman, Cytec etc.. The level of domestic waterborne epoxy products are still in the first and second generation. There is no solution to the key performance issues of waterborne resins from technology and production such as the selection of hydrophobic hydrophilic materials, the reaction conditions of different materials, the matching of waterborne epoxy resin and waterborne curing agents. The state lags behind the international advanced level. Researches and developments will be great needs to solve these problems.</p>
	<p>Issues to solve:</p>
	<p>(1) Synthetic technology and product formulation; (2) Industrialization process design.</p>
	<p>Statistics & Data:</p>
	<p>(1)Epoxy emulsion index Emulsion density: 1.01-1.20 kg/L; Solid content: 45-65%; Epoxy equivalent(EEW): 250-850; Emulsion particle (size50%): 0.08-2.0 μ m; Stability: ambient temperature for more than 6 months without stratification or slight stratification;</p> <p>(2)Waterborne curing agent Density: 1.0-1.30; Solid content: 50-80%; Amine hydrogen equivalent: 200-1000; Other reference epoxy emulsion.</p> <p>(3) Application performance Close or up to the products of current international top brands, such as Cytec and Huntsman.</p>

Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Polymer chemistry, Doctorate, 5 years or above overseas working experience.
Proposed Annual Payment for Experts (USD) :	0.6 million RMB
Number of Experts Required and which country experts is from:	1 Netherlands
Contact Person and Position:	Jiangjiang Pan, Deputy director
Telephone and Fax:	13456800288
Post Address and Post Code:	Yang Xi Street Jiangjing Road No. 1 of Jiande in Hangzhou, 311607
E-mail and Web:	pjj3246460@hotmail.com, http://www.jdest.org/

浙江圣持新材料科技有限公司

项目名称:	锂离子电池电解质锂盐——二氟草酸硼酸锂的研发与生产	
申报日期:	2018.3.8	
用人单位:	浙江圣持新材料科技有限公司	是否高新企业? 是
所属行业:	新能源	
所在地区:	杭州市建德市	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>浙江圣持新材料科技有限公司主要致力于锂电池相关材料的研究、生产及销售,包括锂电池功能电解液与电解质锂盐。公司依托浙江大学的专家力量,联合建德市知名化工企业浙江大洋生物科技集团股份有限公司,共同开发高性能锂电池电解液与电解质。公司建有先进的电池材料实验室,拥有电感耦合等离子体发射光谱仪、液相色谱仪、手套箱、自动电位滴定仪、卡氏水分测定仪、无尘烘箱等大型仪器设备,可开展高端锂电池电解液、电解质锂盐的制备与分析工作,为锂电池的开发、引进与产业化推进提供了良好的技术支持,旨在为建德市的新材料与新能源产业的发展注入新的活力。</p> <p>本项目为锂离子电池的相关配套产业——锂离子电池电解质的生产项目。锂离子电池是二次电池发展的趋势。电解液作为锂离子电池四大关键材料(正极、负极、隔膜、电解液)之一,号称锂离子电池的“血液”,在电池中正负极之间起到传导电子的作用,是锂离子电池获得高电压、高比能等优点的保证。而在电解液的组成中,电解质锂盐对锂电池成本与性能</p>	

	起着至关重要的作用。本项目已成功开发出一种新型锂盐—二氟草酸硼酸锂(LiODFB)，以部分替代传统的六氟磷酸锂(LiPF6)。相比于LiPF6，LiODFB具有更加优异的高低温稳定性，耐水解稳定性、倍率放电性能等综合性能。
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:
	本项目为锂离子电池电解质锂盐的合成,属于化学合成领域,需要引进在有机合成领域拥有研发和产业化经验的博士有效地推进项目,为公司提供良好的技术支持
	要解决的问题:
	本项目主要解决的问题为:(1)锂离子电池电解质锂盐二氟草酸硼酸锂的纯度;(2)二氟草酸硼酸锂的水分和酸分控制;(3)二氟草酸硼酸锂的干燥过程控制;(4)二氟草酸硼酸锂的反应设备选型等;(5)以制备的二氟草酸硼酸锂配置电解液,水酸含量的控制等。二氟草酸硼酸锂作为一种新型锂盐,具有更加优异的高低温稳定性,耐水解稳定性、倍率放电性能等综合性能,虽然已经实现少量产业化,但是其现有的制备技术无法满足市场的大量需求,主要体现在:(1)高纯度的产品成本高昂;(2)产品容易带结晶水,导致配置电解液水分含量过高;(3)部分生产工艺路线容易引入酸根离子、氯离子等杂质,导致电解液性能下降。因此,该锂电池电解质二氟草酸硼酸锂的生产项目主要解决上述工艺问题以及成本控制问题。
	需达到的指标或参数:
	二氟草酸硼酸锂电解质生产项目的目标是提高纯度,降低成本。纯度方面主要指标为:含量 $\geq 99.90\%$,水分 ≤ 150 ppm,氯离子 ≤ 10 ppm,制造成本控制在10万元/吨(预计售价为150万元/吨)。添加二氟草酸硼酸锂配置的锂电池电解液的需达到的指标:制备澄清透明的电解液,色度 < 20 ,水分 ≤ 20 ppm,酸分(以HF计) ≤ 50 ppm,氯离子 ≤ 1 ppm,硫酸根离子 ≤ 2 ppm,具有优异的导电性、成膜性、过充保护性能,低温性能,充放电性能等。在目前商业化的锂电池电解液中,锂盐主要为六氟磷酸锂,添加量约为15%,二氟草酸硼酸锂这种新型的锂盐虽然性能优异,但是由于成本高昂,所以以作为添加剂为主,添加量约0.5%,本项目目标将其添加量增加,制备高性能及适用于极端条件使用的锂电池电解液。
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	专业:化学、化工、材料 学位:硕士、博士 来华具体时间:2018年3月~2018年12月
拟提供的薪酬待遇(年薪):	50-100万
拟聘专家人数及专家国别地区:	2人,美国或者日本
项目联系人及职务:	金宇芬,研发工程师

联系电话、传真:	13758244622, 无	
通信地址、邮政编码:	建德市大洋镇朝阳路 22 号 2 层, 311616	
电子邮件、网址:	1194756707@qq.com	
Project Name:	The development and production of lithium ion battery electrolyte salt—Lithium Oxalyldifluoro Borate	
Date:	2018-03-08	
Client:	Zhejiang Shengchi New Materials Ltd	Hi-tech Firm? no
Industry:	New Energy	
Region:	Hangzhou Jiande	
Project Information (client information, main areas of activity, project background, etc.):	<p>Zhejiang Shengchi New Materials Ltd. focuses on R&D, production and marketing of lithium-battery-related materials, including functional electrolyte and lithium salt. Relying on the professional strengths of Zhejiang University, our company cooperates with ZHEJIANG DAYANG BIOTECH GROUP CO., LTD, a local famous chemical enterprise in Hangzhou, to develop high-performance lithium battery electrolytes and lithium salt. The company has built advanced laboratories, including a lithium battery lab, owning equipment such as ICP, HPLC, glove box, automatic potentiometric titrator, Karl Fischer Moisture tester, dust-free oven, etc. We are able to synthesize, prepare and analyze these new materials, hoping to provide strong technical support to development of local industries of new materials and new energy in Jiande.</p> <p>This project aims to produce and develop lithium salt used for preparing lithium battery electrolyte. Lithium ion battery is the trend of the development of secondary battery. In lithium ion battery, electrolyte is one of the key materials, known as the "blood" in the battery, which is used for conducting electrons between positive and negative electrodes. The electrolyte plays an important role in making high performance lithium battery with high voltage and high specific energy guarantee. In the composition of the electrolyte, the lithium salts influence the quality of lithium batteries significantly. We have successfully synthesized a new lithium salt in labratory, lithium oxalyldifluoro borate (LiODFB), with the hope that it can partly replace the traditional lithium salt - lithium hexafluorophosphate (LiPF6). It is reported that, compared with LiPF6, LiODFB has better stability at high and low temperature, better hydrolysis resistance stability, multiple discharge performance and other comprehensive properties. As a result, this new material has good</p>	

	potentiality.
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:
	<p>This project aims to produce and synthesize lithium battery electrolyte salt, which belongs to the field of chemical synthesis. We need experts with excellent attainments and experience in the field of organic synthesis to effectively promote this project and provide good technical support for the company.</p>
	Issues to solve:
	<p>The main problems in this project are as follows: (1) the purity of lithium electrolyte salts (LiODFB); (2) to lower the content of water and acid in LiODFB; (3) the effective drying process of LiODFB; (4) the selection of reactors for LiODFB; (5) to lower the content of water and acid in lithium electrolyte containing with the synthesized LiODFB, etc.</p> <p>LiODFB is reported to have excellent comprehensive performance, but its industrialization process is slow because of the limitation in synthesis technology. The limitation factors include: (1) the high cost of high purity of product; (2) LiODFB is sensitive to moisture, resulting in high water of the product, which is bad for lithium battery; (3) the impurities such as acid group anions and chloride ion are hard to be removed. Therefore, this project is mainly focused on solving those problems.</p>
	Statistics & Data:
<p>The goal for producing LiODFB is to improve the purity and reduce the cost. The main indicators of purity: LiODFB content $\geq 99.90\%$, water content ≤ 150 ppm, Cl content ≤ 10 ppm, manufacturing cost ≤ 100 thousand yuan/ton (the estimated price is 1500 thousand yuan/ton). The main indicators of the lithium battery electrolyte containing the synthesized LiODFB: transparent appearance, chromaticity < 20, water content ≤ 150 ppm, acid (HF) ≤ 50 ppm, Cl content ≤ 1 ppm, sulfate ion content ≤ 2 ppm, with excellent conductivity, film forming and overcharge protection performance, low temperature performance, charge discharge performance etc. In the current commercial lithium battery electrolyte, lithium salt is mainly LiPF₆ and its adding amount is about 15wt%. Although LiODFB owns excellent performance, it is mainly used as additives with adding amount about 0.5% due to its high cost. We aim to reduce its manufacturing cost and thus increase its adding amount, in order to prepare high performance lithium battery electrolyte or those used in extreme conditions.</p>	

Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Chemistry, materials, chemical engineering, etc Master, Phd 2018.3~2018.12
Proposed Annual Payment for Experts (USD) :	70,000-140,000 USD
Number of Experts Required and which country experts is from:	2, America or Japan
Contact Person and Position:	Jin Yufen, research engineer
Telephone and Fax:	+86-13758244622
Post Address and Post Code:	No.22 chaoyang road, dayang town, jiande city, 311616
E-mail and Web:	1194756707@qq.com

浙江省宁波市 2018 年拟引进外国专家需求

信息表

宁波楷世环保科技有限公司

项目名称:	超阻型油品品况传感器	
申报日期:	2018 年 2 月 28 日	
用人单位:	宁波楷世环保科技有限公司	是否高新企业? 否
所属行业:	节能环保	
所在地区:	宁波保税区	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	宁波楷世环保科技有限公司的主要业务是柴油发动机尾气排放处理产品的研发、设计、制造、销售和服务。公司能够提供成熟的相关技术和产品,包括适用于国 VI, 国 V 和国 VI 法规的技术和产品。	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	研发超阻型油品品况传感器用于检测发动机机油和燃油品质品况的变化,以适应国六或欧六排放标准的要求。	
	要解决的问题:	
	开发高灵敏度阻抗检测装置; 研究油品品况对传感器阻抗和声波传输特性对影响; 设计低成本高可靠性超阻型传感器。	
	需达到的指标或参数:	
	<ol style="list-style-type: none"> 1. 能够探测金属颗粒对油品品况的影响; 2. 能够探测油品中的水分; 3. 能够探测燃油中的硫含量; 4. 能够探测炭烟颗粒对油品品况对影响; 5. 能够探测油品中对有机酸和乙二醇等物质 	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	电子/计算机工程/发动机/机械工程或相关专业,6 个月以内来华,工作期限 3 年。	
拟提供的薪酬待遇(年薪):	65 万	
拟聘专家人数及专家国别地区:	1, 国别地区不限	
项目联系人及职务:	张庆昌, 经理	
联系电话、传真:	15355103296, +86 574-86811210	
通信地址、邮政编码:	浙江省宁波市北仑区保税南区庐山西路 167-4, 315000	
电子邮件、网址:	info@kaishihuanbao.com, www.kaishihuanbao.com	
Project Name:	Ultrasonimp Oil Condition Sensing	

Date:	02/282/018	
Client:	NBKS INC.	Hi-tech Firm? No
Industry:	Automobile	
Region:	Ningbo NFTZ	
Project Information (client information, main areas of activity, project background, etc.):	NingBo Kaishi Environmental Protection Science and Technology Corp (NBKS) develops, manufactures, and sells exhaust emission systems of diesel engines and provides product-related services. The company is able to provide sophisticated technologies and products, including technologies and products that are applicable to the China IV, V, and VI regulations.	
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:	
	Developing ultrasonic-impedance type of sensors for detecting changes in engine oil condition and fuel quality to meet the China VI and Euro VI emission requirements.	
	Issues to solve:	
	<ol style="list-style-type: none"> 1. Developing impedance sensors with high-sensitivity; 2. Leading research on the effects of oil condition change to impedance and acoustic transmission characteristics of a ultrasonimp sensor; 3. Designing low-cost and highly-reliable ultrasonimp sensors. 	
	Statistics & Data:	
	<ol style="list-style-type: none"> 1. Detecting metal particles in oil; 2. Detecting water in oil; 3. Detecting sulfur content in fuel; 4. Detecting soot particles in oil; 5. Detecting organic acids, glycol, and other substances in oil. 	
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Electronic / Computer Engineering / Engine / Mechanical Engineering or related majors, on site within 6 months, Ningbo, duration of 3 years.	
Proposed Annual Payment for Experts (USD) :	100,000/year	
Number of Experts Required and which country experts is from:	1, N/A	
Contact Person and Position:	Qingchang Zhang, GM	
Telephone and Fax:		
Post Address and Post Code:		
E-mail and Web:		

宁波能之光新材料科技股份有限公司

项目名称:	高性能新材料及其复合材料	
申报日期:	2018-3-10	
用人单位:	宁波能之光新材料科技股份有 限公司	是否高新企业? 是
所属行业:	新材料	
所在地区:	浙江, 宁波	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>宁波能之光新材料科技股份有限公司成立于 2001 年 9 月, 是一家专业从事高分子功能材料的国家高新技术企业, 是国内高分子接枝改性材料的领先制造商。公司建有浙江省高新技术企业研究开发中心、浙江省博士后工作站、宁波市反应性加工工程技术中心, 北仑区院士工作站和研究生工作站, 承担了多项各级重大研发项目。经过十多年的技术开发, 公司在高分子功能化材料等领域已形成了独特的核心技术和优势, 主导产品有高分子相容剂、工程塑料增韧剂、粘合树脂和薄膜等, 产品广泛应用于改性塑料和高性能复合材料等领域</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	致力于开发高分子材料, 磁性材料及稀土材料相关新材料、新工艺、新品种, 并持续降低生产制造成本。	
	要解决的问题:	
	开发新材料 开发新的生产工艺	
	需达到的指标或参数:	
	开发 3-5 种相关新产品 申请国内外专利 3-5 件	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	<p>研究方向: 高分子材料, 稀土材料, 磁性材料及其相关领域 原则上, 博士学位; 退休专家年龄小于 70 岁亦可 英语 每年在华工作时间不少于 8 个月</p>	
拟提供的薪酬待遇(年薪):	40,000 美元每年	
拟聘专家人数及专家国别地区:	3 人, 欧洲地区	
项目联系人及职务:	贾静璇, 研发经理	
联系电话、传真:	18358278853; 0574-26891800	
通信地址、邮政编码:	宁波北仑春晓听海路 669 号, 315800	
电子邮件、网址:	jxjia@materchem.com, http://www.materchem.com/cn/	
Project Name:	High performance new material and composite	
Date:	2018-3.10	
Client:	Ningbo Materchem Technology Co.,Ltd	Hi-tech Firm? YES

Industry:	new material
Region:	Ningbo, Zhejiang
Project Information (client information, main areas of activity, project background, etc.):	<p>Due to our 18 years of expertise, developing and producing functional polymer solutions and materials, Materchem has earned its position as a market leader in China.</p> <p>Our range of Coupling Agents and Impact Modifiers offer innovative solutions that enhance the performance of polymers and compounds, allowing our customers to create added value by focusing on a wider range of applications.</p> <p>Materchem has gained government recognition as a Hi-tech enterprise and Polymer Processing Technology Center. As further evidence of our commitment we run a post-doctoral center and have already obtained a range of unique technologies.</p>
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:
	Look forward to new breakthrough for polymer material science, rare earth materials, magnetic materials in developing new material, new manufacture process, new variety, reducing cost
	Issues to solve:
	<ol style="list-style-type: none"> 1. new material 2. new manufacture process
	Statistics & Data: <ol style="list-style-type: none"> 1. develop 3-5 new products 2. apply for 3-5 new patents
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	<ol style="list-style-type: none"> 1. Area of research : polymer material science , rare earth materials, magnetic materials 2. In principle , doctorate;retired expert less than 70 years is OK. 3. English 4. Over 8 months in China every year.
Proposed Annual Payment for Experts (USD) :	40,000 USD
Number of Experts Required and which country experts is from:	3, European region
Contact Person and Position:	Jingxuan Jia, R&D manager
Telephone and Fax:	18358278853;0574-26891800
Post Address and Post Code:	# 669 Tinghai Rd, Beilun 315830, Ningbo City, China, 315800
E-mail and Web:	jxjia@materchem.com, http://www.materchem.com/cn/

宁波市鄞州德来特技术有限公司

项目名称:	15TD 发动机节能高效的燃烧系统开发研究及产业化推广	
申报日期:	2018 年 3 月 20 日	
用人单位:	宁波市鄞州德来特技术有限公司	是否高新企业? 是
所属行业:	科学研究和综合技术服务业	
所在地区:	宁波市鄞州区	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>本项目由宁波德来特公司牵头, 联合 SUPERLAKE TECH、浙江大学宁波理工学院共同研究开发 G15TD 发动机燃烧系统, 解决气道性能开发、喷雾选型优化、燃烧模拟优化三项核心技术。最终将国际领先的燃烧系统技术推广应用至众泰、银翔、川汽、长丰动力等主机厂, 从而提升国内乘用车汽油机领域的产品结构, 促进国内自主品牌机型的产业化以及产业结构优化升级。</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	<p>本项目采用增压直喷燃烧系统设计技术、燃烧模拟分析技术、气道试验技术、喷油器试验技术、油气分离测试系统开发等研究方法, 吸取国外先进模拟分析和实验技术, 总结出一套成熟先进的分析开发流程和有效准确的计算方法。最终实现组织气流、喷雾选型、燃烧组合、数据库、准确分析标准紧密结合, 理论和丰富经验深入剖析。</p>	
	要解决的问题:	
	<p>1) 在缸盖进气道增加隔板, 进气歧管进气口位置增加可变滚流阀, 从而达到调节气道流动特性, 同时结合气道 CFD 模拟分析和气道稳流实验验证技术, 可实现气道最大滚流比达到 2.2 以上。</p> <p>2) G15TD 发动机应用高压共轨技术, 采用最大燃油喷射压力高达 35MPa 的喷油器, 令喷雾液滴直径在 10μm 以下, 喷油湿壁百分比达到 3% 以下。再结合优化喷雾效果、燃烧室和活塞顶形状, 从而达到进一步提升热效率的目的。</p> <p>3) 高滚流气道设计、高压共轨喷油技术的应用以及燃烧效率优化, 可实现全负荷最低燃油消耗率达到 230g/kW/h 的国际领先水平, 从而使 G15TD 发动机的最大热效率达到 0.37 以上。</p>	
	需达到的指标或参数:	
<p>1) 在缸盖进气道增加隔板, 进气歧管进气口位置增加可变滚流阀, 从而达到调节气道流动特性, 同时结合气道 CFD 模拟分析和气道稳流实验验证技术, 可实现气道最大滚流比达到 2.2 以上。</p> <p>2) G15TD 发动机应用高压共轨技术, 采用最大燃油喷射压力高达 35MPa 的喷油器, 令喷雾液滴直径在 10μm 以下, 喷油湿壁百分比达到 3% 以下。再结合优化喷雾效果、燃烧室和活塞顶形状, 从而达到进一步提升热效率的目的。</p> <p>3) 高滚流气道设计、高压共轨喷油技术的应用以及燃烧效率</p>		

	优化,可实现全负荷最低燃油消耗率达到 230g/kW/h 的国际领先水平,从而使 G15TD 发动机的最大热效率达到 0.37 以上。
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	能源、发动机相关专业,博士,中文(或英语),5-8 年工作经验,2018 年-2020 年间来华指导。
拟提供的薪酬待遇(年薪):	50 万/年
拟聘专家人数及专家国别地区:	拟招聘专家 3 人,不限国别地区
项目联系人及职务:	项目联系人:马星怡--科技管理经理
联系电话、传真:	电话:18368492182 座机:0574-56130658
通信地址、邮政编码:	浙江省宁波市鄞州区宁横路里段工业区 4 幢
电子邮件、网址:	http://www.china-delight.cn/

宁波永发集团有限公司

项目名称:	智能化安防产品产业化	
申报日期:	2018-3-10	
用人单位:	宁波永发集团有限公司	是否高新企业? 是
所属行业:	电子信息	
所在地区:	浙江,宁波	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>宁波永发集团有限公司始创于 1988 年,总部位于浙江宁波,是目前国内最大的集研发、生产、服务于一体化的专业化生产实体安防和金融产品的企业。拥有首批中国名牌、中国驰名商标、行业唯一一家中国保险箱行业标志性品牌的荣誉。永发下设有 60 多家分公司及办事处,在宁波、南宁、钦州建有 8 大生产基地。在全国 30 多个省、市、自治区铺设了强大的营销网络,为广大消费者提供一站式的便捷服务。产品畅销于美国、德国、英国、法国、澳大利亚等 110 多个国家和地区,先后进入了美国中情局、德意志银行、荷兰 ING 保险公司、皇冠假日、喜来登国际顶级连锁酒店;国内政府、银行、部队、中石油、中国移动等等。</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	致力于开发智能化安防新产品、新工艺、新品种,实现智能制造,并持续降低生产制造成本。	
	要解决的问题:	
	智能制造 智能化安防	
需达到的指标或参数:		开发 3-5 种相关新产品 申请国内外专利 3-5 件

对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	研究方向：电子信息及安防等及其相关领域 原则上，博士学位；退休专家年龄小于 70 岁亦可 英语 每年在华工作时间不少于 8 个月
拟提供的薪酬待遇（年薪）：	40,000 美元/年
拟聘专家人数及专家国别地区：	3 人，欧洲地区
项目联系人及职务：	曹忠伟，副总
联系电话、传真：	13906843073
通信地址、邮政编码：	宁波北仑白峰工业区
电子邮件、网址：	czwx@vip.sina.com, www.yongfagroup.com

浙江省温州市 2018 年拟引进外国专家需求

信息表

海尚集团有限公司

项目名称:	精密减速机技术应用开发	
申报日期:	2018 年	
用人单位:	海尚集团有限公司	是否高新企业? 是
所属行业:	高端装备制造	
所在地区:	中国浙江温州瑞安市	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	2016 年集团公司已征地 102.5 亩,斥资 8 亿元兴建年产 5000 台(首期)关节用机器人和年产 100 万台减速机的智能数字化产业基地,积极推进科技成果产业化。新产业基地将于 2018 年下半年竣工并投入使用,将打造成为世界一流的高端智能装备制造标杆企业。	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	目前已经开发成功不用齿轮传动的三维矢量摆线减速机,来做应用开发,应用在不同领域	
	要解决的问题:	
	精密减速机的应用开发	
	需达到的指标或参数:	
达到应用场景的各项需求:新能源汽车的电机与减速机一体化设计、医疗军工领域的应用等		
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	专业:机械、传动、学位:博士、语言:英语、经验:五年以上相关领域、具体时间根据人选洽谈	
拟提供的薪酬待遇(年薪):	根据行业同岗位薪酬水平具体面议	
拟聘专家人数及专家国别地区:	专家人数视人才技术情况而定大约在 2 名,美国、德国。	
项目联系人及职务:	李春雷,海尚集团总裁助理	
联系电话、传真:	18968975985	
通信地址、邮政编码:	浙江省瑞安市塘下镇凤都二路 288 号 邮编:325204	
电子邮件、网址:	Lichunlei8989@163.com	www.china-hsoar.com

浙江省嘉兴市 2018 年拟引进外国专家需求

信息表

浙江航天恒嘉数据科技有限公司

项目名称:	嘉兴港区智慧化工园区建设项目	
申报日期:	2016 年 10 月	
用人单位:	浙江航天恒嘉数据科技有限公司	是否高新企业? 否
所属行业:	信息技术/计算机软件开发	
所在地区:	浙江省嘉兴市嘉兴港区	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>单位基本情况:浙江航天恒嘉数据科技有限公司是为落实浙江省与中国航天科技集团战略合作内容,由嘉兴港区管委会下属国资公司与航天恒星科技有限公司联合创办的高新技术企业,是航天技术在智慧化工园区领域应用的一次全新探索。</p> <p>主要业务领域:浙江航天恒嘉数据科技有限公司秉承“诚信、务实、专注、创新”的发展原则,依托母公司航天恒星科技有限公司在大系统工程项目管理,系统集成、云计算、大数据、物联网、卫星遥感和导航等领域的基础优势,着力聚焦 2+1(基于物联网的大数据融合与处理技术基于化工数据处理模型的人工智能(AI)数据分析与挖掘技术;信息安全保护与防范技术)的核心技术,通过自主研发、资本运作、产业联盟等方式,整合完善智慧城市和行业信息化建设的产业链,打造数据生态云平台,全面推进基础数据采集、系统架构设计、核心产品研发和行业应用示范。</p> <p>项目背景:公司开展以智慧化工园区为代表的智慧城市和行业信息化系统建设,形成智慧城市建设综合解决方案,打造方案可复制、模式可推广、运营可持续的智慧园区产品,成为全球化工领域一流的系统集成商、产品提供商、运维服务商。</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	<p>概述:</p> <p>项目包含智慧安防、智慧环保、智慧能源、智慧物流和智慧地理信息等内容。通过“一网、一云、一平台、五应用”的总体架构模式,在一年时间里基本建成五大智慧应用系统和化工大数据基础平台。项目计划三年时间完成建设,达到园区“基础设施智能化、园区管理精细化、生产管理信息化、物流运输一体化、产业发展现代化”的总体目标。实现方案可复制、模式可推广、运营可持续,园区建设标准化的全国范围推广。嘉兴港区智慧化工园区项目计划总投资 3.8 亿元,一期总投资 7600 万元,目前项目一期已经完成系统的研制,2017 年 7 月正式上线试运行。项目二期正在进行方案编制。</p>	

	<p>要解决的问题： 满足化工园区运营需求为中心，通过感知、传输、整合、分析化工园区的各类关键信息。</p> <p>需达到的指标或参数： 达到园区“基础设施智能化、园区管理精细化、生产管理信息化、物流运输一体化、产业发展现代化”的总体目标。实现方案可复制、模式可推广、运营可持续，园区建设标准化的全国范围推广。</p>	
对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	软件开发--智慧化工、化工大数据方向，专业要求：计算机相关、化学工程相关专业；学位：博士；语言：能数量应用中文进行交流；经验要求：熟悉化工行业的计算机软件开发人员。	
拟提供的薪酬待遇（年薪）：	25 万/年	
拟聘专家人数及专家国别地区：	3 人， 国别不限	
项目联系人及职务：	刘雪松，副总经理	
联系电话、传真：	18910691967	
通信地址、邮政编码：	嘉兴港区（乍浦镇）东方大道 509 号新经济园 35 幢	
电子邮件、网址：	www.hthjsj.com	
Project Name:	Jiaxing Minato Wisdom Chemical Industry Park Construction Project	
Date:	2016.10	
Client:	Zhejiang Space Hengjia Data Technology Co., Ltd.	Hi-tech Firm? No
Industry:	Information Technology / Computer Software Development	
Region:	Jiaxing Port Area, Jiaxing City, Zhejiang Province	
Project Information (client information, main areas of activity, project background, etc.):	<p>Unit Basic Conditions: Zhejiang Aerospace Hengjia Data Technology Co., Ltd. is a high-tech enterprise co-founded by State-owned Assets Supervision and Administration Commission of Jiaxing Port Area Administration and Space Star Technology Co., Ltd. to implement the strategic cooperation between Zhejiang Province and China Aerospace Science and Technology Group. A New Exploration of Application of Technology in Intelligent Chemical Industry Park.</p> <p>Main business areas: Zhejiang Space Hengjia Data Technology Co., Ltd. adhering to the "integrity, pragmatic, focused and innovative" principle of development, relying on the parent company Space Star Technology Co., Ltd. in large systems engineering project management, systems integration, cloud computing, big data, Networking, satellite remote sensing and navigation, focus on 2 + 1 (based on the Internet of things big data fusion and processing technology based on chemical data processing model of artificial intelligence (AI) data analysis and mining technology; information security protection and prevention Technology), integrate and improve the industrial chain of smart city and industry informatization</p>	

	<p>through independent R & D, capital operation and industrial alliance to create a data eco-cloud platform to promote basic data collection, system architecture design, core product development And industry demonstration.</p> <p>Background of Project: The Company carries out the construction of smart city and industry information system represented by Intelligent Chemical Industry Park, forms a comprehensive solution for smart city construction, and builds a smart park product with replicable programs, model promotion and sustainable operation and becomes a global chemical field First-class system integrators, product providers, operation and maintenance service providers.</p>
<p>Nature of Activity Requested for Experts (Project description, assignment target, etc.):</p>	<p>Description:</p>
	<p>The project includes smart security, smart environment, smart energy, smart logistics and smart geographic information. Through the overall architecture mode of "one network, one cloud, one platform and five applications", five major application systems of wisdom and big data base of chemical industry are basically completed in one year. The project plans to complete the construction in three years and achieve the overall goal of "intelligent infrastructure, fine management of park, informatization of production management, integration of logistics and transport, and industrial modernization" in the park. The program can be copied, the model can be promoted, the operation is sustainable, and the construction of the park is standardized nationwide. Jiaying Minato Wisdom Chemical Industry Park project total investment of 380 million yuan, a total investment of 76 million yuan, the current project has completed the development of a system, in July 2017 formally put into trial operation. Project Phase II ongoing programming.</p>
	<p>Issues to solve:</p>
	<p>To meet the operational needs of chemical park as the center, through the perception, transmission, integration, analysis of various types of chemical park key information.</p>
<p>Statistics & Data:</p>	<p>To achieve the park, "infrastructure, intelligent, sophisticated management of parks, production management information, logistics and transport integration, industrial development and modernization," the overall goal. The program can be copied, the model can be promoted, the operation is sustainable, and the construction of the park is standardized nationwide.</p>

Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Software Development - Wisdom Chemical, Chemical Industry Big Data direction, professional requirements: Computer-related, chemical engineering-related major; Degree: Ph.D .; Language: Chinese can be used to exchange the number of; Experience requirements: familiar with the chemical industry computer software developers.
Proposed Annual Payment for Experts (USD) :	250,000 / year
Number of Experts Required and which country experts is from:	3, Any country
Contact Person and Position:	Liu Xuesong, deputy general manager
Telephone and Fax:	18910691967
Post Address and Post Code:	Jiaxing Port Area (Zhapu town) 509 East Avenue, New Economic Park, 35 Building, 10th Floor
E-mail and Web:	www.hthjsj.com

浙江新发现机械制造有限公司

项目名称:	纸杯机性能提升与完善	
申报日期:	2018.3.6	
用人单位:	浙江新发现机械制造有限公司	是否高新企业? 是
所属行业:	高端装备制造	
所在地区:	浙江平湖	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>公司主要产品: 纸杯机、纸碗机、纸桶机、纸容器品检机、打包机等等, 是一家纸容器机械设备的专业制造企业。</p> <p>为适应市场与客户需要, 我公司更要不断开拓新产品。改进纸杯机的各零部件, 使纸杯机运行速度更快, 运行更平稳, 操作更简便, 使纸杯机器更完善。</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	<p>为了提高产品的市场竞争力, 我公司产品--纸杯机需要不断的提升性能和运行水平; 为适应市场与客户需要, 我公司更要不断开拓新产品。</p>	
	要解决的问题:	
	<p>改进纸杯机的各零部件, 使纸杯机运行速度更快, 运行更平稳, 操作更简便, 使纸杯机器更完善。</p> <p>设计开发新产品。</p>	
	需达到的指标或参数:	
	原有速度 160 个/分钟, 希望能提升至 200 个每分钟。	

对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	<p>机械设备专业。</p> <p>长期合作，希望每个月来公司至少 1 次，了解现场需求。</p>	
拟提供的薪酬待遇（年薪）：	面议	
拟聘专家人数及专家国别地区：	<p>为了提高产品的市场竞争力，我公司产品--纸杯机需要不断的提升性能和运行水平；为适应市场与客户需要，我公司更要不断开拓新产品。</p>	
项目联系人及职务：	马勤妹	
联系电话、传真：	0573-85270916	
通信地址、邮政编码：	314200	
电子邮件、网址：	1061921775@qq.com	
Project Name:	The improvement of the paper cup machine.	
Date:	2018.3.6	
Client:	Zhejiang Discover Machinery Manufacturing Co., Ltd.	Hi-tech Firm? Yes.
Industry:	Machinery	
Region:	Pinghu Zhejiang	
Project Information (client information, main areas of activity, project background, etc.):	<p>We are specialized in producing machines for paper cups and containers.</p> <p>We keeping improving our product to meet the requirement of or customers. We want to continuously improve the machine parts to make the machine speed be faster.</p>	
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:	
	<p>In order to improve the market competitiveness, our company's products - paper cup machines need to continuously improve the performance and operation level; in order to meet the needs of the market and customers, our company must constantly develop new products.</p>	
	Issues to solve:	
	<p>Improve the machine parts of the paper cup machine to make it running faster and more stalely, and make the operation easier. Help us to design and develop new machine model.</p>	
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Statistics & Data:	
	<p>The speed of the machine we have now is 160pcs/min, we want to improve the speed to 200pcs/min.</p>	
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	<p>Mechanical equipment professional.</p> <p>Long-term cooperation, hope they could come to our company at least 1 times every month to to understand the needs of the scene.</p>	
Proposed Annual Payment for	To discuss face to face.	

Experts (USD) :	
Number of Experts Required and which country experts is from:	1 Germany
Contact Person and Position:	Ma Qinmei
Telephone and Fax:	0573-85270916
Post Address and Post Code:	314200
E-mail and Web:	1061921775@qq.com

嘉兴好事帮医疗器械有限公司

项目名称:	医用支撑材料的开发	
申报日期:	2018.3.6	
用人单位:	嘉兴好事帮医疗器械有限公司	是否高新企业? 是
所属行业:	新材料	
所在地区:	浙江平湖	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>嘉兴好事帮医疗器械有限公司是“国家高新技术企业”，位于平湖市经济开发区兴平四路 1555 号，公司成立于 2010 年，注册资本 200 万，占地面积 7000 平方米。公司现有员工 40 人，其中大专以上学历科技人员 13 人，占公司总数的 33%；研发人员 6 人，占企业总人数的 13%。公司主要产品：理疗肌贴、运动贴布、医用贴布、医疗护理耗材等等，是一家从事运动医疗的专业制造企业。</p> <p>为适应市场与客户需要，我公司更要不断开拓新产品。改进生产工艺，提高生产效率，运行更平稳，操作更简便，使产品更完善，设计开发新产品。</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	为了开发新产品，提升公司产品核心竞争力和市场占有率。	
	要解决的问题:	
	开发新产品、新材料和新工艺。	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	需达到的指标或参数:	
	现有产品四大类，增加到八大类。	
拟提供的薪酬待遇(年薪):	面议	
拟聘专家人数及专家国别地区:	1 人，北美	
项目联系人及职务:	刘福民	
联系电话、传真:	0573-85028901	
通信地址、邮政编码:	314200	
电子邮件、网址:	731434262@qq.com	

Project Name:	New supporting material for sports injuries prevention.	
Date:	2018.3.6	
Client:	Jiaxing How Sport Medical Instrument Co., Ltd.	Hi-tech Firm? Yes.
Industry:	Chemical engineer	
Region:	Pinghu, Zhejiang	
Project Information (client information, main areas of activity, project background, etc.):	We are specialized in producing sports injuries prevention products. We keeping improving our product to meet the requirement of or customers. We want to continuously improve the machine parts to make the machine speed be faster.	
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:	
	In order to improve the market competitiveness, our company's products, to continuously improve the performance and operation level; in order to meet the needs of the market and customers, our company must constantly develop new products.	
	Issues to solve:	
	New supporting medical products for sports injuries.	
	Statistics & Data:	
	Expand new products.	
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Chemical engineer professional. Long-term cooperation, hope they could come to our company at least 1 times every month to to understand the needs of the scene.	
Proposed Annual Payment for Experts (USD) :	To discuss face to face.	
Number of Experts Required and which country experts is from:	2 The U. S.	
Contact Person and Position:	Romann Liu	
Telephone and Fax:	0573-85028901	
Post Address and Post Code:	314200	
E-mail and Web:	731434262@qq.com	

浙江省湖州市 2018 年拟引进外国专家需求

信息表

浙江华缔生物工程有限公司

项目名称:	促肝细胞生长素治疗肝病特异性诊断试剂开发		
申报日期:	2018.2.11		
用人单位:	浙江华缔生物工程有限公司	是否高新企业?	否
所属行业:	生物医药		
所在地区:	浙江省湖州市安吉县		
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>浙江华缔生物工程有限公司聚焦药品、食品、保健品、化妆品等多元化产业,由一批专门从事生物医药领域前沿研发、具有丰富生产经营管理和运营经验的专业人士投资组成,公司组建以来,坚持科学发展和创新发展,致力于生化药品的创新和质量标准的提高。坚持“踏实、拼搏、责任”的企业精神,坚持“诚信、共赢、开创”的经营理念,坚持“用户至上、服务用户”销售理念和服务理念,华缔生物工程努力建设一流的高科技创新型医药企业,成为推动中国生物医药发展的生力军。</p>		
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:		
	<p>促肝细胞生长素,其活性成份来源于健康的乳猪肝脏中提取的具有生物活性的小分子多肽。具备以下生物效应:①能明显刺激新生肝细胞的 DNA 合成,促进损伤的肝细胞线粒体,粗面内质网恢复,促进肝细胞再生,加速肝脏组织的修复,恢复肝功能。②改善肝脏枯否细胞的吞噬功能,防止来自肠道的毒素对肝细胞的进一步损害,抑制肿瘤坏死因子(TNF)活性和 Na⁺,K⁺-ATP 酶活性抑制因子活性,从而促进肝坏死后的修复。同时具有降低转氨酶、血清胆红素和缩短凝血酶原时间的作用。③对四氯化碳诱导的肝细胞损伤有较好的保护作用。④对 D-氨基半乳糖诱致的肝衰竭有明显的提高存活力的作用。目前临床上主要用于各种重型病毒性肝炎(急性、亚急性、慢性重症肝炎的早期或中期)的辅助治疗。</p>		
	要解决的问题:		
	促肝细胞生长素治疗肝病特异性诊断试剂开发技术指标		
	需达到的指标或参数:		
能特异性反应肝细胞使用促肝细胞生长素后的恢复情况或反应应用了促肝细胞生长素后肝脏指标变化			

对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	对专家的人选要求：生物医药领域专家 专家来华的具体时间、期限：一年来华 3-4 次，每次在华时间可根据项目具体进展情况沟通后确认。
拟提供的薪酬待遇（年薪）：	
拟聘专家人数及专家国别地区：	拟聘专家人数：1-2 人，无国别地区要求
项目联系人及职务：	周天琼 副总经理
联系电话、传真：	13867117622/0571-85126395
通信地址、邮政编码：	杭州市西湖区文一西路 588 号 A2-2-715
电子邮件、网址：	ztqscdd@126.com

浙江省绍兴市 2018 年拟引进外国专家需求 信息表

浙江奇彩环境科技股份有限公司

项目名称:	高浓化工废水湿式氧化 (CWAO) 处理工程项目	
申报日期:	2018 年 3 月 3 日	
用人单位:	浙江奇彩环境科技股份有限公司	是否高新企业? 是
所属行业:	节能环保	
所在地区:	浙江省绍兴市越城区	
项目概况 (用人单位基本情况、主要业务领域、项目背景情况等):	<p>公司位于古城绍兴,是一家以技术为先导的环保科技服务企业,致力于为化工和具有化工过程的企业,提供工艺优化、清洁化生产、三废综合治理等个性化系统解决方案。</p> <p>奇彩环境以客户和市场需求为导向,坚持自主研发和引进-消化-吸收集成并举的技术创新之路,打造极其开放的研发体系,已与国内各高校和研究机构建立了良好的产学研合作关系。公司已申请专利 90 余项,在染料、颜料、医药和农药等多个行业实施上百个工程项目,遍布国内十余个省,延伸印度、俄罗斯等海外国家,运行效果良好,获得了客户和业界的高度评价。奇彩环境拥有六个平台,三块业务(环境治理、化工技术和环保装备技术服务)。公司目前在职员工 150 余人,全职博士 11 人,60%以上为硕博士学位,95%以上为本科以上学历。</p> <p>目前市场上存在大量高浓度难以生化的废水,寻找合适的处理技术是当务之急。湿式氧化作为一种有效的解决手段在发达国家被广泛采用,但是由于其操作条件苛刻(高温高压)、材质要求高,在我国尚未广泛推广。因此开发湿式氧化技术对于我国的废水治理有着重大的意义。</p>	
专家需求情况 (要解决的主要问题、需达到的指标参数等):	概述 (必填):	
	1.拥有丰富的湿式氧化研究及工作背景,有主导或参与过湿式氧化项目,丰富的湿式氧化设计、安装、试车经验。 2.曾在 KVT、西门子、拜耳等公司担任项目经理以上职务者优先。	
	要解决的问题:	
	1.COD 20000-100000mg/L 废水湿式氧化工艺设计 2.反应器设计 3.湿式氧化安装、试车	
	需达到的指标或参数:	

	能完成 150-270 度, 2-8MPa 湿式氧化工艺设计及反应器设计处理后废水 B/C>0.3 或 COD 去除率>90%
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	无
拟提供的薪酬待遇(年薪):	提供食宿, 1000 余平的化工实验室, 一间单人办公室
拟聘专家人数及专家国别地区:	1
项目联系人及职务:	雷秀卿,人事部长
联系电话、传真:	15267545392 0575-89116220
通信地址、邮政编码:	绍兴市越城区东泽路 6 号
电子邮件、网址:	qc12@qicaigroup.com

浙江益森科技股份有限公司

项目名称:	预拌砂浆机械化施工	
申报日期:	2018.3.9	
用人单位:	浙江益森科技股份有限公司	是否高新企业? 是
所属行业:	制造业	
所在地区:	绍兴市越城区	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	益森科技主要从事预拌砂浆的全产业链服务,拟成立团队拓展机械化施工	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	预拌砂浆机械化施工在国外较成熟,在国内的发展一直拓展不开,想寻求一名专家解决预拌砂浆在国内发展遇到的问题。	
	要解决的问题:	
	需要专家解决预拌砂浆机械化施工中的效率和经济性问题。	
	需达到的指标或参数: 提高施工效率,减少设备损耗	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	希望专家在该领域有丰富的经验	
拟提供的薪酬待遇(年薪):	20-40 万	
拟聘专家人数及专家国别地区:	1 人, 国别不限	
项目联系人及职务:	骆航宇 董事\董事会秘书	
联系电话、传真:	13656683185	

通信地址、邮政编码:	浙江省绍兴市越城区鉴湖镇坡塘村	
电子邮件、网址:	Stock@yisenkeji.com	
Project Name:	Mechanized construction of premixed mortar	
Date:	3-9-2018	
Client:	Zhejiang Yisen Technology Inc	Hi-tech Firm? Yes
Industry:	Manufacturing	
Region:	Yuecheng, Shaoxing City	
Project Information (client information, main areas of activity, project background, etc.):	Yisen Technology is mainly engaged in the service of ready mixed mortar industry chain, intends to set up a team to develop the mechanized construction	
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:	
	The mechanized construction of ready mixed mortar has been mature abroad, but its development in China has been unable to expand. We want to find an expert to solve the problems encountered in the development of ready mixed mortar in China.	
	Issues to solve:	
	We need experts to solve the problem of efficiency and economy in the mechanized construction of premixed mortar	
	Statistics & Data:	
	Improve the efficiency of construction and reduce the loss of equipment	
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Experts have rich experience in this field	
Proposed Annual Payment for Experts (USD) :	30,000 USD-60,000USD	
Number of Experts Required and which country experts is from:	1 All can be	
Contact Person and Position:	Hangyu Luo, Director, Board Secretary	
Telephone and Fax:	+86 13656683185	
Post Address and Post Code:	Jianhu, Yuecheng, Shaoxing City, Zhejiang Province	
E-mail and Web:	stock@yisenkeji.com	

浙江新和成特种材料有限公司

项目名称:	高端缓控释制剂平台开发
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申报日期:	2018.2.28	
用人单位:	浙江京新药业股份有限公司	是否高新企业? 是
所属行业:	医药行业	
所在地区:	绍兴新昌	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	浙江京新药业股份有限公司是一家集研发、生产、销售于一体的医药上市公司(证券代码:002020)。目前,公司注册资本7.36亿元,总资产45亿元,净资产35亿元。公司分设新昌总部和杭州总部,拥有五个生产基地,分别为新昌的制剂生产基地、上虞和江西上饶的原料药生产基地、内蒙古巴彦淖尔的中药生产基地、深圳的医疗器械生产基地,公司在上海张江高科技园区建有上海研究所,共拥有员工2300余人。	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	熟悉缓控释固体制剂或注射剂领域的先进技术,技术应能实现产业化	
	要解决的问题:	
	完成缓控释技术产业化	
	需达到的指标或参数:	
		完成固体制剂或者注射剂一项产业化
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	药物制剂专业,英语国家优先,国外大型制药公司尤佳,有缓控释药物成功申报和产业化经验。 来华具体时间2018年3月后,工作期限每年不少于3个月,工作地点新昌。	
拟提供的薪酬待遇(年薪):	100万以上	
拟聘专家人数及专家国别地区:	美国、印度	
项目联系人及职务:	徐天宇, 主管	
联系电话、传真:	15068120393	
通信地址、邮政编码:	浙江新昌羽林街道大道东路800号, 312500	
电子邮件、网址:	infomaster@jingxinpharm.com, www.jingxinpharm.com	
Project Name:	Development of extended and controlled release formulation platform	
Date:	2018.2.28	
Client:	Zhejiang Jingxin	Hi-tech Firm? Please Select

	Pharmaceutical Co.,Ltd.	
Industry:	medicine	
Region:	Please Select:xinchang	
Project Information (client information, main areas of activity, project background, etc.):	Zhejiang Jingxin Pharmaceutical Co., Ltd. is a listed pharmaceutical company, integrating R & D, manufacturing and marketing, ranks top 100 of the chemical pharmaceutical enterprises in China. At the moment,our company's registered capital is 320 million CNY and total asset is 2.9 billion CNY. The company occupies more than 80 ha's lands owns more than 2300 stuff and headquarters in both Xinchang and Hangzhou. Five manufacturing base are now under function, namely, formulations in Xinchang, API & intermediate in Shangyu and Guangfeng, Traditional Chinese medicine in Inner Mongolia and medical apparatus and instruments in Shenzhen. Moreover, a R&D center is located in Shanghai Zhangjiang High-Tec Park for advanced drug and API development.	
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:	
	Familiar with advanced technology in the field of extended-release solid formulation or injection, the technology should be able to realize industrialization	
	Issues to solve:	
	Familiar with advanced technology in the field of extended-release solid formulation or injection, the technology should be able to realize industrialization	
	Statistics & Data:	
	Familiar with advanced technology in the field of extended-release solid formulation or injection, the technology should be able to realize industrialization	
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Pharmaceutical formulation specialty, English national priority, foreign big pharmaceutical company preferable, achievement of submission and commercialization of CR/ER formulation. After March 2018, the working period shall be no less than 3 months and the work site shall be Xinchang	
Proposed Annual Payment for Experts (USD) :	Please Select	
Number of Experts Required and which country experts is from:	Annual salary of RMB 1000 thousand or more	
Contact Person and Position:	America. India	

Telephone and Fax:	15068120393
Post Address and Post Code:	NO.800,Xinchang Dadao East Road,Chengguan Town,Xinchang County,Zhejiang,China
E-mail and Web:	infomaster@jingxinpharm.com

绍兴康可胶囊有限公司

项目名称:	植物源胶囊的衍生品开发	
申报日期:	2018年-2019年	
用人单位:	绍兴康可胶囊有限公司	是否高新企业? 请选择 是
所属行业:	医药	
所在地区:	绍兴新昌	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	研发一种可以储存气态药物的高端空心胶囊	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	研发一种可以储存气态药物的高端空心胶囊	
	要解决的问题:	
	空心胶囊的气密性等技术问题	
	需达到的指标或参数:	
	符合 CP/EP/USP 同类产品标准	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	要求: 药学相关专业, 博士及以上, 3年以上工作经验或研发经历。工作期限为一年。	
拟提供的薪酬待遇(年薪):	年薪 60 万	
拟聘专家人数及专家国别地区:		
项目联系人及职务:	俞三愈/办公室主任	
联系电话、传真:	15167533999/057586295628	
通信地址、邮政编码:	浙江省新昌省级高新技术产业园区/312500	
电子邮件、网址:	ysy@kangke.cn www.kangke.cn	

Project Name:	Development of plant-source capsules derivatives	
Date:	2018 to 2019	
Client:	Shaoxing kangke Capsule Co., Ltd	Hi-tech Firm? Yes
Industry:	Pharmaceutical industry	
Region:	Xinchang, Shaoxing	
Project Information (client information, main areas of activity, project background, etc.):	Develop a kind of high-end vacant capsules that can store gaseous drug	
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:	
	Develop a kind of high-end vacant capsules that can store gaseous drug	
	Issues to solve:	
	solve technical problems of vacant capsules' gas tightness,etc.	
	Statistics & Data:	
	Conform to CP/EP/USP same kind product standard	
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Requirement: pharmacy related major, doctor degree or above, over 3 years of work experience or R&D experience. Work duration is one year	
Proposed Annual Payment for Experts (USD) :	Please Select	
Number of Experts Required and which country experts is from:		
Contact Person and Position:	Yu Sanyu / Office director	
Telephone and Fax:	15167533999/057586295628	
Post Address and Post Code:	Zhejiang Xinchang provincial high-tech industrial park, 312500	
E-mail and Web:	ysy@kangke.cn www.kangke.cn	

三花控股集团有限公司

项目名称:	汽车空调热管理系统零部件产品经理/项目经理（泵类、阀类、换热器类）	
申报日期:	2018.2.24	
用人单位:	三花控股集团有限公司	是否高新企业？请选择
所属行业:	制造业	
所在地区:	绍兴市	
项目概况（用人单位基本情况、主要业务领域、项目背景情况等）:	<p>三花控股集团始创业于1984年，集团以“科技之花、人才之花、管理之花”为内涵，走过“专注领先”的34年发展之路，业已成为享誉海内外的“全球制冷空调控制部件王国”。目前，集团在国内建有绍兴新昌、杭州、芜湖、沈阳、鹰潭、常州、苏州、中山等生产基地，在海外建有波兰、美国、墨西哥、印度、奥地利等生产基地，设有北美、欧洲、日本、韩国、东南亚10多家综合性公司，共有海内外员工1.6万余名。</p> <p>三花控股集团荣获2017年中国制造业500强企业、2017年中国机械工业百强企业、2017年中国民营500强企业、2017年中国民营制造业500强企业、2017年浙江省百强企业、绍兴市十强企业、全国质量奖获奖企业、浙江省政府质量奖获奖企业、杭州市五一劳动奖状、绍兴市五一劳动奖状等多项荣誉。集团以“技术领先”为经营方针，建有中央研究院、国家级技术中心、国家级博士后工作站、院士工作站等科研机构，拥有4家国家级高新技术企业，截止到目前，科研人员约1200人，拥有专利1900多项，其中发明专利1200多项。</p> <p>浙江三花汽车零部件产业是三花控股集团下属核心产业，主要经营新能源汽车及传统汽车热管理系统用、空调系统用各类核心零部件，产品包括热力膨胀阀、电子膨胀阀、贮液器、控制器、电磁阀，电子水泵、电子水阀、各类车用换热器等一系列产品。</p> <p>公司秉承“技术领先”战略，聚焦新能源汽车产业，努力为客户提供清洁、环保、绿色的产品，以优良的品质和诚信的服务，赢得国内外客户的高度信赖。公司业已成为特斯拉、戴姆勒、宝马、大众、通用以及上汽、一汽、长安、长城、江铃、吉利等国内外知名汽车厂商，以及Mahle、Valeo、Sanden、Behr等国际著名汽车空调制造商全球采购的长期合作伙伴。</p>	
专家需求情况（要解决的主要问题、需达到的指标参数等）:	<p>概述：</p> <ol style="list-style-type: none"> 1、汽车空调热管理系统球阀或冷媒电磁阀或泵类产品的全面负责人，负责发展产品计划，确保计划的执行、监控和修正。 2、全权负责产品设计及过程设计、项目管理、产品产业化、产品宣介、产品市场服务及产品生命周期管理工作。 	

	要解决的问题： 1、审核项目立项审核、审批，确定项目目标及关键阶段进度计划。 2、审核和评估项目所需资源、成立项目小组、评估项目投资预算。
	需达到的指标或参数： 负责所辖产品的标准化、技术变更等工作，持续推进产品技术降成、工艺降成等。
对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	海外留学博士及以上学历，制冷、热管理、电机、流体、机械、电子信息工程等相关专业毕业。
拟提供的薪酬待遇（年薪）：	25-100 万/年
拟聘专家人数及专家国别地区：	2 人
项目联系人及职务：	方芬 招聘经理
联系电话、传真：	18605859185
通信地址、邮政编码：	
电子邮件、网址：	

浙江同星科技股份有限公司

项目名称：	环保型换热器研发与生产	
申报日期：	2018.3.6	
用人单位：	浙江同星科技股份有限公司	是否高新企业？是
所属行业：	机械制造业	
所在地区：	浙江省绍兴市新昌县	
项目概况（用人单位基本情况、主要业务领域、项目背景情况等）：	同星是专业生产制冷零部件的企业，产品涉及冰箱冷柜、冷库冷冻、家用商用空调系列、汽车空调系列等常规制冷产品，同时在制冰机、洗衣干衣机、啤酒机、寿司机、医疗冷柜等特殊商用制冷领域都有涉及，产品主要以各种换热器为主，同时为了适应客户多方面需求，公司产品又涉及管组件，单向阀，节流阀，干燥过滤器，文丘里分配器等。其中换热器有铜铝和全铝翅片式换热器、一管式换热器、小方片换热器、旋片式换热器、微通道换热器等多种制作方式；尤其在 CO2 系列设备	

	<p>中，热交换器生产量名列世界前茅，与国际国内商用冷链系列著名品牌企业合作广泛，并获得好评。</p> <p>20年来，同星致力于食品冷藏冷冻系列热交换器的设计、研发及生产，为众多高端客户提供全方位服务。涉及到的食品冷冻冷藏设备有：高档厨房冰箱，家用大容量风冷冰箱，商用饮料柜，自动贩卖机，超市大岛柜，商用家用制冰机，商用冰淇淋机，商用酒柜，啤酒机，医疗冷柜，寿司机，蛋糕机，饮水机……。与众多的国际品牌客户开展广泛合作，与 LG、三洋（松下）、美的、星崎，海尔、富士，飞格乐思，约克，IMI，卡比詹尼等客户建立了长久而良好的合作关系，连年被众多客户评为优秀供应商。公司经过不断的努力，现已取得专利 90 余项，在新品研发、创新中取得了多项业绩。</p> <p>公司一直将“成为中国食品制冷系统换热器领域的引领者，让全世界著名制冷产品中都有同星的部件”作为企业愿景，使全体同星人人为之不懈努力。为人类制冷系统的节能、环保作出贡献！</p>
专家需求情况（要解决的主要问题、需达到的指标参数等）：	<p>概述：焊接方面的相关专家、智能制冷系统匹配专家、生产制造智能化相关专家。能够有效解决钎焊过程中出现的微泄漏现象，从而提高一次性焊接合格率</p> <p>要解决的问题与指标：</p> <p>能够有效解决钎焊过程中出现的微泄漏现象，从而提高一次性焊接合格率 0.15%以上； 可以为我司在制冷系统制造过程中提出先期策划，避免一些弯路； 车间生产线改造。</p>
对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	机械、热能与动力工程专业，硕士以上学历，无语言要求（最好是英语）
拟提供的薪酬待遇（年薪）：	年薪在 50 万元以上
拟聘专家人数及专家国别地区：	2 人，国家地区不限
项目联系人及职务：	汪根法，技术总监
联系电话、传真：	电话：18858562525，传真：0575-86097801
通信地址、邮政编码：	中国浙江新昌县新昌大道东路 889 号，312500
电子邮件、网址：	wgf@zjtx.cn，网址：www.zjtx.cn
Project Name:	R&D and production of the environment-friendly heat exchanger
Date:	March 6th, 2018
Client:	Zhejiang Tongxing Technology Hi-tech Firm? yes

	Co.,Ltd.	
Industry:	Machinery manufacturing industry	
Region:	Xinchang county, Shaoxing city, Zhejiang province	
Project Information (client information, main areas of activity, project background, etc.):	<p>Tongxing is the expert in making refrigeration parts. Our main parts are various of heat exchangers, in the meanwhile, we also supply tube assy, check valve, filter drier, distributor and other copper components. These parts are mainly used in refrigerator, cooler, house hold and automotive air conditioning system. And they can also be used in some special machines, such as dry wash machine, beer machine, sushi machine, medical refrigeration machine. Our fin type heat exchanger include copper aluminum heat exchanger, all aluminum evaporator, spiral fin condenser, micro channel heat exchanger. We had supplied lots of CO2 heat exchanger parts to some famous refrigeration customers all over the world and the quality is excellent.</p> <p>During 20 years, Tongxing devote himself to heat exchanger's design, research, manufacture and also do full service to many top customers. Our heat exchanger will be used in high grade kitchen refrigerator, big capacity air cooled refrigerator, beverage machine, vending machine, super market display show case, commercial ice machine, ice cream machine, wine cooler, beer machine, medical refrigeration machine, sushi machine, cake show case, water dispenser etc. Our main customers are LG, Sanyo, Midea, Hoshizaki, Haier, Fuji, Frigoglass, York, IMI, Carpigiani etc. We now had more than 90 patents and also develop some new technique in refrigeration system.</p> <p>Our vision is to become a leader in Food Refrigeration System Heat Exchanger field in China and let all world famous refrigeration part equip with Tongxing's products. Make great contributions to energy saving of refrigeration system and environment protection for human society.</p>	
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:	
	<p>experts in welding, intelligent refrigeration system matching , production and manufacturing intelligent related expert.</p> <p>To effectively solving the phenomenon of micro leakage in the process of brazing, so as to improve the qualified rate of welding.</p>	
	Issues to solve:	
	<p>Effectively solving the micro-leakage occurred during the welding process, thereby improving the one-time welding pass rate of 0.15% or more.</p>	

	<p>2.Putting forward the advanced strategy & plan in the manufacturing process of the refrigeration system to avoid some curves.</p> <p>3.Reforming the production line of the workshop</p>
	Statistics & Data:
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	major in mechanical, thermal and dynamic engineering, No language requirement (but English is the best)
Proposed Annual Payment for Experts (USD) :	USD 79065
Number of Experts Required and which country experts is from:	Required number : 2 No limitation of the country & district
Contact Person and Position:	Genfa Wang, Technical director
Telephone and Fax:	Tel:18858562525 Fax: 0575-86097801
Post Address and Post Code:	No.889, east road of XinChang , Xinchang County, Zhejiang Province, 312500, China.
E-mail and Web:	wgf@zjtx.cn Web: http://www.zjtx.cn

浙江医药股份有限公司新昌制药厂

项目名称:	制剂国际化	
申报日期:	2018.2.28	
用人单位:	浙江医药股份有限公司新昌制药厂	是否高新企业? 是
所属行业:	健康产业	
所在地区:	新昌县	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	项目背景: 面向欧美与中国市场的药物制剂研发, 在制剂的研发和生产等方面同时满足目标市场药品监管部门的标准要求。	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	待聘专家需要具有丰富的药物研发工作经验, 并熟悉目标市场监管部门的法规与技术要求。	
	要解决的问题:	

	能够解决药物制剂产品开发与生产中的工艺技术、质量控制、法规符合性等各方面的问题。	
	需达到的指标或参数：	
	至少完成 5 个以上的药物制剂项目，并且在欧美国家上市。	
对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	学历：硕士学位及以上 专业：制药相关专业 语言：英语、普通话 经验：有较丰富的企业工作经验者优先 其他要求：面谈	
拟提供的薪酬待遇（年薪）：	50-100 万	
拟聘专家人数及专家国别地区：	3 不限国籍	
项目联系人及职务：	季艳 人力资源部部长	
联系电话、传真：	0575-86045052	
通信地址、邮政编码：	浙江新昌环城东路 59 号，312500	
电子邮件、网址：	jiyan@zmc-china.com, http://www.china-zmc.com/	
Project Name:	Preparations of internationalization	
Date:	2018.2.28	
Client:	Zhejiang Medicine Co., Ltd. Xinchang Pharmaceutical Factory	Hi-tech Firm? Yes
Industry:	Health Industry	
Region:	Xin Chang	
Project Information (client information, main areas of activity, project background, etc.):	For the research and development of new drug for Europe, the United States and China, make the research and development of the preparation and production to meet the standard requirements of the drug regulatory department of target market at the same time.	
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:	
	Need to hire experts with rich working experience in drug development, and be familiar with the requirements of regulations at the target market supervision department.	
	Issues to solve:	
	Be able to solve the problems in the development and production of pharmaceutical preparations, such as process technology,	

	quality control, compliance with regulations and so on.
	Statistics & Data:
	Complete at least 5 more new drugs listed in Europe and the United States.
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Degree: Master's degree and above Major: Pharmaceutical engineering Language: English, Putonghua Other Requirements: Interview Experience: with highly related working experience is preferable
Proposed Annual Payment for Experts (USD) :	500,000-1,000,000
Number of Experts Required and which country experts is from:	3 No
Contact Person and Position:	Ji Yan HR Manger
Telephone and Fax:	0575-86045052
Post Address and Post Code:	59 East Huancheng Road, Xinchang County, Shaoxing, Zhejiang 312500
E-mail and Web:	jiyan@zmc-china.com, http://www.china-zmc.com/

浙江新和成股份有限公司

项目名称:	丙烯酸乳液项目	
申报日期:	2018年3月8日	
用人单位:	浙江新和成股份有限公司	是否高新企业? 是
所属行业:	医药化工	
所在地区:	浙江省绍兴市新昌县	
项目概况 (用人单位基本情况、主要业务领域、项目背景情况等):	浙江新和成股份有限公司成立于1999年, 2004年在深圳中小企业板上市, 股票代码002001。现有总资产85亿元, 在新昌、山东、上虞等地建立了3个现代化生产基地, 是一家主要从事原料药、营养品、香精香料和高分子复合新材料的生产和销售的国家级高新技术企业。主导产品VE、VA、虾青素、覆盆子酮、芳樟醇的产销量和出口量占世界前列。 目前我们在丙烯酸乳液领域研发和生产中碰到一些技术难题, 需要专家的指导。	
专家需求情况 (要解决的主要问题)	概述:	

题、需达到的指标参数等):	丙烯酸乳液领域专家	
	要解决的问题:	
	1、解决水性丙烯酸乳液研发和生产过程中的技术问题; 2、解决水性丙烯酸乳液的客户需求和应用问题。	
	需达到的指标或参数:	
	开发满足客户需要的水性丙烯酸乳液产品。	
对专家的人选要求 (专业、学位、语言、经验等) 及专家来华的具体时间、期限等:	要求: 1、熟悉水性丙烯酸乳液的合成原理及应用; 2、熟悉水性丙烯酸乳液的构性关系及涂料配方开发; 3、5 年以上水性丙烯酸乳液的开发经验。 具体时间: 2018 年 12 月	
拟提供的薪酬待遇 (年薪):	20-150 万元/年	
拟聘专家人数及专家国别地区:	2, 不限	
项目联系人及职务:	胡一帆 组织发展经理	
联系电话、传真:	15805751199	
通信地址、邮政编码:	浙江省新昌县七星街道大道西路 418 号 (312500)	
电子邮件、网址:	huyifan@chu.com	
Project Name:	The project of Acrylic Emulsion	
Date:	March 8,2018	
Client:	Zhejiang NHU Co. Ltd.	Hi-tech Firm? Yes
Industry:	Pharmaceutical and chemical industry	
Region:	Xinchang, Shaoxin, Zhejiang	
Project Information (client information, main areas of activity, project background, etc.):	<p>Zhejiang NHU Company Ltd. Was established in 1999 and listed on Shenzhen Stock Exchange as the first SME shares in 2004 with stock code 002001. The existing total assets of 8 billion yuan, and we have three modern production bases in Xinchang, Shandong, and Shangyu. We are a national high-tech enterprise, focused on manufacturing and sale of products about bulk drug, nutrition, flavors and fragrances, and polymer material. The Leading products of us, such as VE, VA, astaxanthin, raspberry ketone, linalool, of which production , sales and exports have been among the highest in the world.</p> <p>We currently in the field of acrylic emulsion run into some technical difficulties in the development and production. We need the guidance of experts.</p>	

Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:	
	Experts in the field of acrylic emulsion	
	Issues to solve:	
	1. Familiar with the principle and application of the synthesis of waterborne acrylic emulsion. 2. Familiar with the constitutive relationship of waterborne acrylic emulsion and coating formulation development.	
	Statistics & Data:	
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Develop water-based acrylic emulsion product which can meet customer needs.	
	1. Familiar with the principle and application of organic synthesis; 2. Familiar with the knowledge of chemical products, and the process of Vitamin products; 3. 5 years or above working experience in research and development of organic synthesis and technical support; Time: 2018.12	
	1. Familiar with the principle and application of organic synthesis; 2. Familiar with the knowledge of chemical products, and the process of Vitamin products; 3. 5 years or above working experience in research and development of organic synthesis and technical support; Time: 2018.12	
	1. Familiar with the principle and application of organic synthesis; 2. Familiar with the knowledge of chemical products, and the process of Vitamin products; 3. 5 years or above working experience in research and development of organic synthesis and technical support; Time: 2018.12	
	1. Familiar with the principle and application of organic synthesis; 2. Familiar with the knowledge of chemical products, and the process of Vitamin products; 3. 5 years or above working experience in research and development of organic synthesis and technical support; Time: 2018.12	
Proposed Annual Payment for Experts (USD) :	0.2~1.5 million yuan per year	
Number of Experts Required and which country experts is from:	Number: 2 Which country: Unlimited	
Contact Person and Position:	Yifan Hu, OD Manager	
Telephone and Fax:	15805751199	
Post Address and Post Code:	No.418 Dadao west road, Xinchang, Zhejiang, P. R. China, 312500	
E-mail and Web:	huyifan@chu.com	

绍兴御茶村茶业有限公司

项目名称:	抹茶标准化项目	
申报日期:	2018.3.8	
用人单位:	绍兴御茶村茶业有限公司	是否高新企业? 是
所属行业:	农业	

所在地区:	绍兴市越城区
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>绍兴御茶村茶业有限公司是 1993 年成立的省级骨干农业龙头企业和国家高新技术企业，位于国家级文保单位--宋六陵，是省科技示范企业、省示范茶厂、省标准化名茶厂、中国茶业行业百强，建有院士工作站和省企业研究开发中心。</p> <p>公司产品主要生产以抹茶为代表的蒸青茶系列，以及御茶龙井和御茶村日铸茶为代表的名优茶系列，拥有自营茶园 10000 亩，并全部实现抹茶化种植，拥有 16 条抹茶原料--碾茶自动化生产流水线，碾茶精制自动化生产线一条，10 万级食品 GMP 无菌抹茶生产抹车间 3 个，年产干茶 1000 吨，抹茶 650 吨，是目前国内最大的抹茶种植和加工基地，也是诸多国内外知名公司的指定供应商，公司从茶园栽培管理到茶叶深加工制作包装出口，全部实现并通过 ISO9001、ISO22000 认证、FSSC 认证、CERES 国际有机认证、QS 认证、还是首批全国农垦农产品质量安全追溯系统认证（全国 20 家、浙江省首家）公司。</p>
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:
	<ol style="list-style-type: none"> 1、在总经理领导下，负责主持抹茶标准化的全面工作，组织并督促各部门人员协同完成公司技术攻关； 2、负责编制公司抹茶标准化技术管理制度； 3、组织和编制公司茶叶技术发展规划； 4、负责制定公司技术服务产品的企业统一标准，实现技术服务产品的规范化管理； 5、及时指导、处理、协调和解决出现的技术问题，确保经营工作的正常进行； 6、负责抓好技术管理人才培养，技术队伍的管理。
	要解决的问题:
	要求解决抹茶种植栽培、植保、肥培管理，加工管理，抹茶评审。
	需达到的指标或参数:
	<ol style="list-style-type: none"> 1、茶叶亩产鲜叶达到 600KG/亩.春季以上； 2、夏秋茶茶园综合利用，鲜叶达到 300KG/亩以上； 3、抹茶品质提升 30%以上。
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	<ol style="list-style-type: none"> 1、茶学专业、硕士及以上学历，30 年以上抹茶工作经验，日语更佳 2、来华时间：每年 3---10 月份
拟提供的薪酬待遇(年薪):	24 万
拟聘专家人数及专家国别地区:	1 人 日本
项目联系人及职务:	赵崇智/董秘、副总
联系电话、传真:	13777419192 0575-88089977
通信地址、邮政编码:	浙江省绍兴市富盛镇御茶村 312037

电子邮件、网址:	www.ycctea.com	
Project Name:	Matcha production standardization project	
Date:	March 8, 2018	
Client:	ShaoXing Royal Tea Village Co.,Ltd,	ShaoXing Royal Tea Village Co.,Ltd,
Industry:	Agriculture	
Region:	Yuecheng District, ShaoXing City, ZheJiang Prov.	
Project Information (client information, main areas of activity, project background, etc.):	<p>ShaoXing Royal Tea Village Co.,Ltd, the provincial backbone of agriculture leading enterprises, national high and new technology enterprise, provincial science and technology demonstration enterprises, provincial demonstration tea factory, provincial standardization of tea factory, top 100 tea enterprises in China, with an academician workstation and municipal matcha r&d center, is founded in 1993 and located in the state-level cultural relics protection units - Six Mausoleum of Song Dynasty.</p> <p>The company mainly produces steamed green tea series represented by matcha, traditional green tea series represented by Royal Tea Longjing and Royal Tea Rizhu. With 10000 acres of self tea garden, 16 automatic production line for tencha which products 1000 tons of dry tea, one automatic production line for refining tencha, two 100 thousand level GMP Matcha aseptic production workshop with an annual output of 650 tons of matcha, it is the largest green tea cultivation and processing base in China as well as the designated suppliers both at home and abroad. From tea plant cultivation management to tea processing and packaging and sales, the company passed ISO9001 certification, ISO22000 certification, FSSC certification, CERES international organic certification, QS certification, the first enterprise through national agricultural products quality and safety traceability certification(20 nationwide and Zhejiang Province first).</p>	
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:	
	<p>Under the leadership of the general manager, responsible for the overall work of the standardization of matcha, organized and urged all departments to cooperate with the company to complete the technical breakthrough;</p> <ol style="list-style-type: none"> 2. Responsible for preparing the company's standardized technical management system of matcha; 3. Organize and prepare the development plan of tea technology; 4. Responsible for formulating the unified standards of the 	

	<p>company's technical service products and realizing standardized management of technical service products;</p> <p>5. Timely solve technical problems, and ensure the normal operation of the operation;</p> <p>6. Responsible for the training of technical management personnel and the management of technical teams.</p>
	Issues to solve:
	Matcha tea planting and cultivation, plant protection, fertility management, processing management, tea review.
	Statistics & Data:
	<p>Fresh tea per mu to 600 kg/mu (Spring)</p> <p>Fresh tea per mu to 300 kg/mu (Summer and fall)</p> <p>Matcha quality increased by more than 30%.</p>
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	<p>Request: Tea major, master degree or above, more than 30 years experience for Matcha</p> <p>Time in China: In March 2017 to October</p>
Proposed Annual Payment for Experts (USD) :	240000 yuan a year
Number of Experts Required and which country experts is from:	1 person/Japan
Contact Person and Position:	Congzhi Zhao/Chairman secretary, deputy chief
Telephone and Fax:	13777419192 0575-88089977
Post Address and Post Code:	Royal Tea Village, Fusheng Town, Yuecheng District, ShaoXing City, ZheJiang Prov. 312037
E-mail and Web:	http://www.ycctea.com/

浙江夸克生物科技有限公司

项目名称:	IVD 新产品研发、转产、销售项目	
申报日期:	2018-2-28	
用人单位:	浙江夸克生物科技有限公司	是否高新企业? 是
所属行业:	医疗器械	
所在地区:	浙江绍兴新昌	

项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	创立于 1993 年, 是国内首批专业从事研发、生产、销售医学临床体外诊断试剂的国家级高新技术企业。建有一流的现代化生产基地和省级高新技术企业研究开发中心。	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	IVD 产业免疫产品, 原材料、化学发光、POCT 专家人选对生化领域造诣深厚, 能全面把控原材料、试剂、研发、校准品等。同时熟悉生化仪器研发为佳。	
	要解决的问题	
	新产品开发、解决目前产品技术难题, 对接国外项目, 并购重组资源。	
	需达到的指标或参数:	
	依产品项目实际情况而定, 达到国际一流水平。	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	生物学、分子生物学专业资深工作经验; 为长期合作模式。	
拟提供的薪酬待遇(年薪):	USD5-10 万(含税)	
拟聘专家人数及专家国别地区:	不限	
项目联系人及职务:	人力资源部经理 杨思静	
联系电话、传真:	0575-86620621 18505753485	
通信地址、邮政编码:	浙江新昌高新技术产业园区, 江东路 1 号	
电子邮件、网址:	yangsijing@zjkuake.com	
Project Name:	IVD new product R&D, production switch & sales	
Date:	Feb. 28th, 2018	
Client:	Zhejiang Kuake Biotechnology Co., Ltd.	Hi-tech Firm? Yes
Industry:	Medical apparatus and instruments	
Region:	Xinchang, Shaoxing, Zhejiang Province	
Project Information (client information, main areas of activity, project background, etc.):	Founded in 1993. One of the nation-level high-tech enterprises specialized in R&D, production and sales of clinical extracorporeal diagnostic reagents. Owns first-class modern production base and province-level high-tech R&D center.	
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:	
	IVD immunization products, raw materials, chemi-luminescence, POCT.	

	The candidates shall be richly experienced in bio-chemical field, and able to have an overall control over raw materials, reagents, R&D, calibrators, etc. Familiarity with R&D of bio-chemical apparatus and instruments would be preferred.
	Issues to solve:
	New product development, solving of technical difficulties of existing products, connection to foreign projects, M&A / resource recombination.
	Statistics & Data:
	First-class level worldwide, dependant on actual project situation.
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Rich working experiences in biology / molecular biology; long-term collaboration.
Proposed Annual Payment for Experts (USD) :	USD 50,000-100,000 (including tax)
Number of Experts Required and which country experts is from:	Unlimited
Contact Person and Position:	Jean Yang, HR manager
Telephone and Fax:	0575-86620621 18505753485
Post Address and Post Code:	No.1 Jiangdong Road ,Xinchang, Shaoxing, Zhejiang Province.
E-mail and Web:	yangsijing@zjkuake.com

浙江莱姆控股集团有限公司

项目名称:	清洗机、园林工具项目	
申报日期:	2018.2.26	
用人单位:	浙江莱姆控股集团有限公司	是否高新企业? 是
所属行业:	机械制造	
所在地区:	浙江省绍兴市新昌县	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	浙江莱姆控股集团是一家集研发、生产、销售、服务于一体的电动高压清洗机系列、汽/柴油动力高压清洗机系列和锂电池园林工具、锂电清洗机和相关配套设备的专业制造企业。产品涵盖家用、商用、工业用高压清洗机以及高性能锂电池吹	

	风机、打草机、割草机、修枝机、高枝修枝机、高枝链锯等锂电池园林工具，畅销欧洲、美洲、东南亚、中东等 60 多个国家和地区。
专家需求情况（要解决的主要问题、需达到的指标参数等）：	概述：
	清洗机或园林工具机械结构以及电子方面的专家及工程师
	要解决的问题：
	对于机械机构的先进性及电子方案的先进性及优化
	需达到的指标或参数：
	等同于国内副高级、高级以上的工程师水平
对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	机械、机电等相关专业，最好会中文，有五年以上与本企业相关的工作经验；3月底到职，期限3年以上
拟提供的薪酬待遇（年薪）：	360000-400000
拟聘专家人数及专家国别地区：	无要求
项目联系人及职务：	求小姐（人力资源部部长）
联系电话、传真：	电话：13857579108 传真：0575-86938000
通信地址、邮政编码：	新昌县泰坦大道 88 号红星建材装饰城商业综合楼 A 栋 5 楼 312500
电子邮件、网址：	邮箱：3292407748@qq.com 网址：http://www.bigyao.com

浙江省衢州市 2018 年拟引进外国专家需求 信息表

浙江省开化七一电力器材有限责任公司

项目名称:	35Kv GIS 用复合套管研发	
申报日期:	2018.2.22	
用人单位:	浙江省开化七一电力器材有限 责任公司	是否高新企业? 是
所属行业:	绝缘制品制造	
所在地区:	浙江省衢州市开化县	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>1、单位基本情况 七一电器成立于 1989 年, 2000 年改制为股份制企业, 是国家高新技术企业、浙江省创新型示范企业, 现有职工 350 人, 其中各类专业技术人员 125 人。</p> <p>2、主营业务 公司主营高压环氧绝缘制品, 产品应用于电气设备的隔离、支撑、固定、贮能、灭弧、改善电位梯度、防潮、防霉、防辐射以及保护等作用。</p>	
	专家需求情况(要解决的主要问题、需达到的指标参数等):	
概述:		
<p>项目主要通过购置真空混料注胶系统、双材料真空备料混料系统等生产设备以及引进高频高压 X 射线探伤仪、全屏蔽局放试验等检测设备, 采用环保的固体绝缘技术、硅橡胶三维立体母线穿越技术、高强度绝缘树脂筒技术、可视隔离接地刀技术以及真空压力浇筑技术等工艺, 产品具有节能、环保等特点。</p>		
要解决的问题:		
<p>(1) 如何采用高强度阻燃材料, 设计上加大了爬电距离, 在动、静触头增设了导电网圈, 增设了内外屏蔽圈, 使电场分布均匀;</p> <p>(2) 如何在产品结构上, 增加绝缘层厚度以及在母线固定高压端和动、静触头周围增设屏蔽金属网圈, 将动、静触头罩在其间, 确保电场均匀, 保证产品有足够的绝缘距离和爬电距离。</p>		
需达到的指标或参数:		
<p>a) 额定工频耐受电压: 50.5kV/min b) 雷电冲击耐受电压: 91kV c) 局部放电量: $\leq 3\text{pC}$ d) 爬电距离: $\geq 810\text{mm}$ e) 玻璃化温度: $95^{\circ}\text{C}-110^{\circ}\text{C}$</p>		

对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	熟悉 3.5-40.5kV 环氧绝缘制品制造工艺、材料研发工程，硕士学历；具体时间：2018 年 5 月起；期限：3 年。
拟提供的薪酬待遇（年薪）：	10-15 万美元/年
拟聘专家人数及专家国别地区：	1 名/美国
项目联系人及职务：	方强/经理
联系电话、传真：	0570-6034453
通信地址、邮政编码：	浙江省开化县华埠镇百盛路 418 号
电子邮件、网址：	www.zjkh71.com

浙江永力达数控科技股份有限公司

项目名称：	木制品产业智能制造项目	
申报日期：	2018.2.27	
用人单位：	浙江永力达数控科技股份有限公司	是否高新企业？是
所属行业：	高端装备制造	
所在地区：	浙江衢州	
项目概况（用人单位基本情况、主要业务领域、项目背景情况等）：	<p>浙江永力达数控科技股份有限公司是一家新三板挂牌上市的国家高新技术企业，专业生产高端数控立式车床、加工中心、数控铣床等产品。公司注重科技创新，先后通过 ISO9001 质量管理体系认证和 CE 认证，并被认定为浙江省成长型中小企业、浙江省创业新星 100 佳、浙江省中小微企业创新发展先进单位。公司生产的数控产品销往国内二十几个省市和国外的德国、韩国、印度、泰国、巴西、阿根廷等国家和地区。公司作为浙江省首批赴台投资企业，2010 年 9 月 26 日获得国家商务部颁发的企业境外投资证书。2010 年 10 月 26 日取得台湾经济部颁发的营业执照，新设立公司为台湾永力达机械工业股份有限公司。项目总投资 600 万美元，主要从事高端数控机床和数控技术的研发、生产、销售、服务及国际化贸易。</p>	
专家需求情况（要解决的主要问题、需达到的指标参数等）：	概述：	
	<p>基于木制口专用数控设备的开发，通过自动化控制技术，实现木门产业自动化、信息化智能制造，通过仓储、处理、运输和工件加工的组合实现个性化的网络化生产。</p>	
	要解决的问题：	
	<p>研发木制品专用加工设备，建立企业数据平台，与制造过程自动化控制系统实现互通集成，建立车间级的工业通信网络，在系统、装备、零部件以及人员之间实现信息互联互通和有效集成，企业数据平台与主要车间的 MES 实现互通集成。</p>	
	需达到的指标或参数：	

	围绕建设具有示范意义的木制品加工专用数控装备进行研究，以橱柜专用加工机床为验证对象，以无人化车间的目标来设计，构建智能化服务软硬件平台，开发柔性制造技术和软件生态系统，建立用户个性化需求平台和个性化定制服务平台，实现加工过程监控、数据采集、自主决策与分析，提供专用机床健康诊断，快速提供售后服务，使专用机床制造加工质量稳定，提高生产效率，形成智能制造示范应用单元，实现专用机床制造单元可视化、模块化、柔性化生产，实现服务平台与智能设备集成和协同优化。
对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：	能够熟悉英文，研究生以上，工业自动化、数控技术等相关专业，对数控机床相关行业具有 5 年以上的经验，非常熟悉智能制造领域。 来华的具体时间可以具体商议，期限为 1 年，工作地址衢州。
拟提供的薪酬待遇（年薪）：	30-60 万元
拟聘专家人数及专家国别地区：	1 名/欧美地区
项目联系人及职务：	陈胜 董事长
联系电话、传真：	13905708119/0570-3660119
通信地址、邮政编码：	浙江省衢州市东港工业园临溪路 39 号 324000
电子邮件、网址：	13511406017@163.com www.zjyldnc.com

Project Name:	Intelligent manufacturing of wood products industry	
Date:	27 th Feb,2018	
Client:	Zhejiang Yonglida CNC Technology Co.,Ltd.	Hi-tech Firm? Yes
Industry:	High-end equipment manufacturing	
Region:	Quzhou,Zhejiang	
Project Information (client information, main areas of activity, project background, etc.):	Zhejiang Yonglida CNC Technology Co.,Ltd. is a new three board listed on the national high-tech enterprise, specializing in the production of high-end CNC vertical lathe, machining center, CNC milling machine and other products.Company pay attention to scientific and technological innovation, has passed ISO9001 quality management system certification and CE certification, and was identified as the growth of small and medium-sized enterprises in zhejiang province, zhejiang venture star 100, micro, small and medium enterprises in zhejiang province innovation and development of advanced units.The nc products are sold to over 20 domestic provinces and cities and abroad in Germany, South Korea, India, Thailand, Brazil, Argentina and other countries and regions.Company invest in Taiwan as the first one in zhejiang province.company obtained the certificate issued by	

	<p>the national ministry of commerce enterprise overseas investment on September 26, 2010 .The company issued by the ministry of economic affairs of the business license, the new company for Taiwan machinery industrial co., LTD on October 26, 2010.Projects is a total investment of \$6 million, mainly engaged in high-end CNC machine tool and numerical control technology research and development, production, sales, service and international trade.</p>
T	<p>Description:</p>
	<p>Based on the development of special numerical control equipment for wooden mouth, automation and information technology of wood door industry is realized through automatic control technology, and personalized network production is realized through combination of warehousing, processing, transportation and workpiece processing.</p>
	<p>Issues to solve:</p>
	<p>Special processing equipment research and development of wood products, the establishment of enterprise data platform, and manufacturing process automation control system to achieve interoperability integration, the establishment of industrial communication network workshop, to achieve information interoperability and effective integration between systems, equipment, spare parts and personnel, to achieve interoperability of integrated enterprise data platform and the main workshop MES.</p>
	<p>Statistics & Data:</p>
	<p>Study on the special CNC equipment of wood products processing of construction, to ambry special machine to verify the object, by designing a workshop unmanned target, build intelligent service platform of software and hardware, the development of flexible manufacturing technology and software ecosystem, build personalized demand platform and personalized service platform, realize the processing process monitoring, data collection, analysis and decision-making, and provide special machine health diagnosis, provide customer service service, the special machine tool manufacturing process stable quality, improve production efficiency, form a demonstration of the application of intelligent manufacturing unit, implementation of special machine tool manufacturing unit visualization, modular, flexible production, and realize the integrated service platform and collaborative optimization intelligent equipment.</p>
<p>Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:</p>	<p>Can be familiar with English, graduate or above, industrial automation, numerical control technology and other related professional, for cnc machine tools for more than 5 years relevant industry experience, very familiar with intelligent manufacturing. The specific time for coming to China can be discussed in detail, with a period of 1 years and work in Quzhou city.</p>
<p>Proposed Annual Payment for Experts (USD) :</p>	<p>48000-95000USD</p>

Number of Experts Required and which country experts is from:	1 person The European and American area
Contact Person and Position:	Sheng chen Chairman
Telephone and Fax:	13905708119/0570-3660119
Post Address and Post Code:	NO.39,Linxi Road,Donggang industry Zone,Quzhou City,Zhejiang Province,China 324000
E-mail and Web:	13511406017@163.com www.zjyldnc.com

浙江省舟山市 2018 年拟引进外国专家需求

信息表

浙江省海洋开发研究院

项目名称:	海洋船舶化工涂料新产品研发	
申报日期:	2018 年 2 月 25 日	
用人单位:	浙江省海洋开发研究院	是否高新企业? 否
所属行业:	事业单位	
所在地区:	浙江舟山	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>浙江省海洋开发研究院是浙江省海洋科技创新服务平台的主要载体, 国家科技部“国际科技合作基地”的依托单位。针对国内防污涂料存在的基础材料及其关键技术严重落后的现状, 研发新型防污树脂、防污剂的制备与应用技术, 特别是开发环境友好型的防污剂来替代以氧化亚铜为主的防污剂配方体系, 对于提升我国在海洋船舶防污涂料领域的国际科技竞争力, 提高国产高端海洋船舶防污涂料产品市场占有率, 促进我国海洋防污涂料产业结构调整, 引领海洋防污涂料行业跨向更高层次的发展具有重要意义。</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	<p>海洋污损生物附着于船底, 引起船体质量的增加和表面粗糙度的增大, 由此降低了船舶的航速和操纵性, 并增加燃料的损耗; 增加船舶入坞维修的频率; 破坏漆膜, 造成局部腐蚀; 导致外来物种入侵问题。涂装防污涂料是解决海洋船舶生物污损的最直接有效的方法和手段。</p>	
	要解决的问题:	
	<p>针对国内防污涂料存在的基础材料及其关键技术严重落后的现状, 借鉴国外研发防污涂料的经验, 从新型防污树脂、防污剂设计入手, 研发新型防污树脂、防污剂的制备与应用技术, 从而定向研发出满足我国海洋船舶防污要求的新型防污涂层体系。</p>	
需达到的指标或参数:		
1、防污表征是防污技术开发中的最耗时的瓶颈。通过对防污方法的研究, 许多化学信号物质如酶, 激素等对海洋污损的影响, 建立了有效地污损、防污的研究和表征能力。就污损测试与表征方法的交流、新方法的探索与研究的合作, 可以进一步提升有关防污剂、防污涂料室内快速评价与筛选研究的水平。		
2、通过利用具有防污性能的含特定官能团的海洋生物活		

	性物筛选研究相关成果,开展防污剂的开发、选择和优化策略研究,达到开发绿色环保的天然广谱防污剂并取代目前以氧化亚铜为主的防污剂配方体系之目标。	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	专业:海洋生态、海洋化学信息专业方向 学位:博士 语言:英语 来华具体时间:2018年下半年或2019年。期限不限	
拟提供的薪酬待遇(年薪):	35-40万人名币	
拟聘专家人数及专家国别地区:	1名、美国	
项目联系人及职务:	陆阿定, 海洋化工室主任	
联系电话、传真:	联系电话:0580-2299201、 传真:0580-8138921	
通信地址、邮政编码:	浙江省舟山市新城体育路10号,浙江省海洋开发研究院	
电子邮件、网址:	ad1-h11@163.com	
Project Name:	Marine chemical paint /new product research and development	
Date:	Feb.25 th 2018	
Client:	Zhejiang Marin development research institute	Hi-tech Firm? No
Industry:	Institution	
Region:	Zhoushan, Zhejiang	
Project Information (client information, main areas of activity, project background, etc.):	Zhejiang marine development and Research Institute is the main carrier of Zhejiang marine science and technology innovation service platform, and the support unit of the Ministry of science and technology "international science and technology cooperation base". According to the present situation of basic materials of domestic antifouling coatings and its key technology is lagging behind in the preparation and application technology research and development of new antifouling resin, antifouling agent system, especially the development of environmentally friendly antifouling agent to replace the cuprous oxide based antifouling agent formulation system. It has great significance to enhance the international competitiveness of science and technology in the field of marine antifouling coatings in China and improve the domestic high-end marine antifouling coatings products market share, in the purpose of promoting adjustment of China's marine antifouling coatings industrial structure, leading it to the next higher level.	
Nature of Activity Requested for	Description:	

<p>Experts (Project description, assignment target, etc.):</p>	<p>Marine fouling organisms attached to the bottom, causing the increase of hull quality and surface roughness, which reduces the ship's speed and maneuverability, and increased fuel consumption; increase the frequency of ship docking repair; damage to film, causing local corrosion; lead to the invasion of alien species. Coating antifouling coating is the most direct and effective means to solve marine biological fouling.</p> <p>Issues to solve:</p> <p>According to the status of the basic materials of domestic antifouling coatings , and its key technology is lagging behind, . This project draw on experience of foreign R & D antifouling coatings , starting from the novel antifouling resin, antifouling agent design, preparation and application technology research and development of new antifouling resin, antifouling agent, so as to meet the new development orientation of antifouling coating system of China's marine antifouling requirements.</p> <p>Statistics & Data:</p> <p>1. Antifouling characterization is the most time-consuming bottleneck in the development of antifouling technology. By studying the methods of antifouling and the influence of many chemical signal substances such as enzymes and hormones on marine fouling, we have established effective research and characterization capabilities for fouling and antifouling. The cooperation between fouling test and characterization methods and exploration and research of new methods can improve the level of research and rapid assessment of antifouling coatings.</p> <p>2, with a specific functional group containing marine bioactive compound antifouling performance of screening related research results, by carrying out anti fouling agent development, selection and optimization strategy, to develop the green natural broad-spectrum antifouling agent and to replace the current main anti- pollution agent formula of cuprous oxide target system.</p>
<p>Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:</p>	<p>Major: marine ecology, marine chemical information Degree: Doctor language: English Time to China: the second half of 2018 or 2019. No time limit</p>
<p>Proposed Annual Payment for Experts (USD) :</p>	<p>55,000-63,000\$-</p>
<p>Number of Experts Required and which country experts is from:</p>	<p>1, United States</p>

Contact Person and Position:	Ading,Lu Director of the marine chemical industry
Telephone and Fax:	Tel: 0580-2299201、 Fax: 0580-8138921
Post Address and Post Code:	10 Xincheng Sports Road, Zhoushan, Zhejiang Province, Zhejiang marin development and Research Institute
E-mail and Web:	adl-hll@163.com

中紫能源科技（舟山）有限公司

项目名称:	电动汽车无线充电系统	
申报日期:	2018-2-24	
用人单位:	中紫能源科技（舟山）有限公司	是否高新企业？ 否
所属行业:	新能源	
所在地区:	浙江舟山	
项目概况（用人单位基本情况、主要业务领域、项目背景情况等）:	<p>中紫科技是由国内外精英团队建立的一家专注于无线充电领域的应用产品的研发及销售的公司。公司研发且拥有一系列无线充电专利技术，是国内最早将无线充电技术与汽车结合的公司，也是参与制定国家汽车无线充电标准的企业之一。</p> <p>中紫科技集合高端人才，将新能源开发、应用与生活紧密结合，构建新能源产业链。除新能源整体产品外，还针对未来市场着力研发无线充电技术，产品包括汽车无线充电桩、无线充电智能家居、手机无线充电与手机快充技术等。</p> <p>中紫科技无线充电桩可用于汽车无线充电，也可根据需求改装成能够替机器人、工厂 AGV 或者电动巴士充电的相关设备。整个系统由底面充电端和车载接收端组成，采用平铺式放置，无需下车即可对汽车进行充电。公司已与某整车厂达成战略合作，以前装的方式为该厂最新生产的新能源汽车配备无线充电系统。</p> <p>在无线充电技术上，磁共振技术和电磁耦合技术各有所长，中紫能源目前已完全掌握了这两种技术。例如，中紫能源在磁共振式产品的开发上，已有很多的成功应用案例，并从技术上做到了距离最远，充电效率最高可达到 92%。</p>	
专家需求情况（要解决的主要问题、需达到的指标参数等）:	概述：	
	新能源汽车无线充电桩；多点阵、远距离以及大功率无线充电解决方案。	
	要解决的问题：	

	<p>实现大批量量产； 实现无线充电市场份额的扩大化； 减少成本，使受众接受，形成广普市场； 持续 AI 技术开发，开拓更多领域。</p>
	<p>需达到的指标或参数：</p> <p>针对复杂产品多层次、多冲突、多迭代的协同开发特点，提出一种基于指标参数依赖关系网络动态响应的复杂产品研发流程模型。</p> <p>探讨指标参数之间依赖关系的分析方法。实现项目矩阵组件与器件之间的关联度的制造与安排。有效协同技术开发以及工程制造的流程安排，供应链制造的标准化。</p> <p>针对研发难点，数据模型磁场模拟的设计，有效解决以及开发出更适应市场化的产品。</p>
<p>对专家的人选要求（专业、学位、语言、经验等）及专家来华的具体时间、期限等：</p>	<p>专业：电子电力、数学、计算机 学位：博士 语言：中文、英文 经验：2 年及以上工作经验</p>
<p>拟提供的薪酬待遇（年薪）：</p>	<p>5 万美金/年</p>
<p>拟聘专家人数及专家国别地区：</p>	<p>不限</p>
<p>项目联系人及职务：</p>	<p>曾明树 CEO</p>
<p>联系电话、传真：</p>	<p>17710129108</p>
<p>通信地址、邮政编码：</p>	
<p>电子邮件、网址：</p>	<p>ming@ziermotors.com</p>

浙江省台州市 2018 年拟引进外国专家需求

信息表

星威国际家居有限公司

项目名称:	FORCOLA 系列椅的开发与设计项目	
申报日期:	2017.12.4	
用人单位:	星威国际家居有限公司	是否高新企业? 是
所属行业:	生产制造业	
所在地区:	浙江省台州市黄岩区	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	专注于家居行业 30 年, 引入西方简约务实的空间理念, 糅合东方庄重典雅的家居品味, 诠释极致完美的生活品质。始终不断运用新材料, 新工艺, 新设计, 努力打造卓越品质, 带给消费者最具人性化的空间体验。	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	FORCOLA 系列椅采用多种材料组合, 秉承理性简约的设计风格, 是现代家具风格的典型, 采用先进的技术工艺实现多种材料的完美结合, 在追求美观的同时, 注重家具的实用性和舒适性, 把多种工艺美术技术应用到家具上来, 选材精良, 做工精细, 质感突出, 色彩丰富。	
	要解决的问题:	
	通过项目的实施, 把各国的设计精华与我们项目所研究的多种材料组合椅更好的聚集在一起, 为公司设计出更多受大家欢迎的产品, 让公司的产品更好、更快速的让各国的客户所接受, 公司的管理水平、企业经营理念等方面均上了一个台阶。	
需达到的指标或参数:		
定座面耐久性(40 次/min 连续进行施压): 10 万次/950N, 座面没有严重变形; 冲击测试(外加 950N 重物自由落体): 10 次/20CM 高, 不影响使用; 椅面和后靠背耐久性(外加 950N 于座面, 40 次/min 连续进行施压): 330N/10 万次椅面和后靠背没有严重变形, 不影响使用。		
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	具有一定的工作经验, 工业设计专业毕业, 有较好的审美能力, 对产品结构、生产工艺及产品开发流程具有深入认识, 引进新技术, 能有效的处理各种技术问题。	
拟提供的薪酬待遇(年薪):	月薪 1 万元人民币以上	
拟聘专家人数及专家国别地区:	无要求	
项目联系人及职务:	王慧珍, 项目专员	

联系电话、传真:	18357610110
通信地址、邮政编码:	浙江省台州市黄岩南城十院路 97 号
电子邮件、网址:	464138868@qq.com

永高股份有限公司

项目名称:	非开挖快速修复管道技术的研究与应用	
申报日期:	2018. 3. 15	
用人单位:	永高股份有限公司	是否高新企业? 是
所属行业:	塑料制品	
所在地区:	浙江省台州市黄岩区	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>公司成立于 1993 年 3 月,是城乡管网建设的综合配套服务商,为客户提供全面的塑料管道系统解决方案。系中国塑料加工工业协会塑料管道专委会理事长单位、全国塑料制品标准化技术委员会(SAC/TC48/SC3)副主任单位。于 2011 年在深交所上市。</p> <p>公司主导产品为 PVC-U、PPR、PE、PE-RT、CPVC 和 PB 六大主系列,主要应用于建筑给排水、市政工程、工业系统、农业灌溉、农村节水输送等诸多领域。公司是国家级高新技术企业、国家火炬计划重点高新技术企业,建有国家级博士后科研工作站、国家认定企业技术中心、浙江省重点企业研究院、中国塑料管道工程技术研究开发中心、国家认可实验室(CNAS)等创新平台,公司每年投入研发经费不低于销售收入的 3%。</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述: 非开挖快速修复管道技术的研究与应用	
	<p>传统的管道修复和更换管道技术,不但导致施工成本居高不下,而且给施工区域的居民和社区生活带来严重的干扰和影响。</p> <p>本项目旨在开发一种非开挖管道修复技术,其核心由管道的快速分支技术和形状记忆管材的应用技术组成,前者主要通过应用快速分支结构管件进行支流管道架设的技术,后者则是基于形状记忆原理的“U”型塑料管内衬修复技术,即将挤出成型后的圆形塑料管材,经过特制的变形装置压成“U”型,穿入受损管道后通入蒸汽使其恢复到管材首次定型的形状,从而起修复作用。该技术是利用微开挖或不开挖对地下管线进行修复的工程技术,具有综合成本低、施工简单、施工周期短、环境影响小、施工安全性好等优点,有助于提高城市建设的管理技术水平。</p>	
	要解决的问题:	

	<p>(1) 管道快速分支结构的研究; (2) 形变记忆材料的配方设计与性能优化方面的研究中; (3) 在基于形变记忆材料的管材挤出设备及工艺相关的研究; (4) 形变记忆管材在非开挖管道快速修复中的应用技术的研究。</p> <p>现阶段要解决的问题有: (1) 用于支流管道架设的快速分支结构管件的结构和模具设计; (2) 具备优异物理力学性能和高形状回复率的形状记忆材料的配方设计; (3) 形状回复率的评价方法及配套设施; (4) “U”型管的成型装置的设计;</p> <p>(5) 采用形状记忆管材以非开挖的方式进行管道的定点修复技术。</p>	
	需达到的指标或参数:	
	<p>形状记忆材料的技术指标: (1) 缺口抗冲击强度 > 34.7 J/m; (2) 拉伸强度 > 48.3 MPa; (3) 拉伸模量 > 2758 MPa; (4) 热变形温度 > 70 °C。</p> <p>形状记忆管材的技术指标: (1) 常温耐液压强度 > 1.0 MPa; (2) 管材形状回复率 > 95%。</p>	
对专家的人选要求 (专业、学位、语言、经验等) 及专家来华的具体时间、期限等:	要求高分子材料相关专业, 掌握形变记忆材料行业前沿技术, 有相关经验。	
拟提供的薪酬待遇 (年薪):	30 万以上	
拟聘专家人数及专家国别地区:	1 人, 国别不限	
项目联系人及职务:	张航媛/总经理助理	
联系电话、传真:	13676670788/0576-84277383	
通信地址、邮政编码:	台州市黄岩区东城经济开发区黄椒路 555 号/318020	
电子邮件、网址:	www.era.com.cn	
Project Name:	Research and application on technology for quickly repairing pipes in the way of non-excavation	
Date:	2018.3.15	
Client:	Yong Gao CO.,LTD.	Hi-tech Firm? Yes
Industry:	Plastic products industry	
Region:	Huangyan District, Taizhou City, Zhejiang Province, China	
Project Information (client information, main areas of activity, project background, etc.):	<p>The company, established in March 1993, is a comprehensive service provider for the construction of plastic piping systems in urban and rural areas. Company products are mainly used in architectural water supply and drainage, municipal engineering, industrial system, agriculture irrigation, rural water-saving transport and many other fields, and widely used in national key projects, international constructed projects, etc. Company products altogether 6 big series including</p>	

	<p>PVC-U,PPR, PE, PE-RT, CPVC and PB pipes with 16mm minimum caliber and 2800mm maximum caliber are the most complete varieties and specifications in the country. Production and sales volume for years is the second biggest in China, and exports volume the biggest.</p> <p>The Company has been evaluated to be national high-tech enterprise and national torch plan key high-tech enterprise. It has established a lot of technological innovation platforms including national post-doctoral scientific research station, national certified enterprise technology center, enterprise research institute of the Zhejiang province, engineering technology research and development centers of China plastic pipe, the state-recognized laboratory, etc.</p>
<p>Nature of Activity Requested for Experts (Project description, assignment target, etc.):</p>	<p>Description: Research and application on technology for quickly repairing pipes in the way of non-excavation</p>
	<p>With plastic pipes coming to their service life in urban underground pipe network pipeline, pipe repairing technology has increasingly caused people's concern. The traditional technology of pipes repair and replacement, not only can lead to high construction cost, but also may cause serious interference and influence to residents and community life in the construction areas.</p> <p>This project aims to develop a kind of trenchless renovation technology for plastic pipes. The core of the repair technology is made up of fast branch technology for plastic pipes and application technology of shape memory plastic pipes. The former is the technology of connecting branch pipes by a series of fast branch pipe fittings; the latter is rehabilitation technology with internal lining "U" type plastic pipes based on the principle of shape memory. That is to say, the round plastic pipes by extrusion molding are compressed into "U" type after a special deformation device. Then after inserting them into the damaged pipes, the "U" type pipes can return to their original shape by the injection of steam, thus playing a role in the restoration for damaged pipes. The technology is engineering technology for repairing pipes in underground pipe network pipeline by the way of micro-excavation or non-excavation. It has low comprehensive cost, simple construction, short construction period, small impact on environment as well as good construction safety, making it helpful to improve the management technology level of urban construction.</p>
	<p>Issues to solve:</p>

	<p>The main research content of the project included as following aspects:</p> <p>(1) The research of fast branch pipe fittings;</p> <p>(2)The design of formula and performance optimization of shape memory materials.</p> <p>(3)The research of the extruding equipment and production processes of plastic pipes based on shape memory materials.</p> <p>(4)The research of application technologies of shape memory plastic pipes in non-excavation recovery technique.</p> <p>The issues need to solve at this stage as following:</p> <p>(1)The structure and mold design of fast branch pipe fittings for connecting branch pipes.</p> <p>(2)The design of formula of shape memory materials with many excellent physical mechanics property and high shape recovery ratio.</p> <p>(3)The evaluating method of shape recovery ratio and its equipment and necessary facilities.</p> <p>(4)The design of the molding devices of "U" type plastic pipes.</p> <p>(5)Fixed-point pipe repair technology by using shape memory plastic pipes in the way of non-excavation.</p>
	<p>Statistics & Data:</p> <p>The technical index of shape memory materials:</p> <p>(1) The notched impact strength is more than 34.7 J/m;</p> <p>(2) The tensile strength is more than 48.3 Mpa;</p> <p>(3) The tensile modulus is more than 2758 MPa;</p> <p>(4)The heat distortion temperature is more than 70 °C.</p> <p>The technical index of shape memory pipes:</p> <p>(1) The hydrostatic strength at room temperature is more than 1.0 MPa;</p> <p>(2) The shape recovery rate of pipe is more than 95%.</p>
<p>Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:</p>	<p>Being engaged of polymer materials and engineering.With a rich work experience in similar positions. Proficiency in frontier technology of memory shape material industry.</p>
<p>Proposed Annual Payment for Experts (USD) :</p>	<p>\$50-80 thousand</p>
<p>Number of Experts Required and which country experts is from:</p>	<p>1 person/unlimited</p>
<p>Contact Person and Position:</p>	<p>Amanda/General manager assistant</p>
<p>Telephone and Fax:</p>	<p>13676670788/0576-84277383</p>
<p>Post Address and Post Code:</p>	<p>Post address: No.555, Huangjiao Road, Huangyan District, Taizhou City, Zhejiang Province, China Post code :318020</p>

E-mail and Web:	www.era.com.cn
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浙江铁马科技股份有限公司

项目名称:	高压油泵出油管端部冷锻成型技术	
申报日期:		
用人单位:	浙江铁马科技股份有限公司	是否高新企业? 是
所属行业:	汽车零部件	
所在地区:	浙江铁马	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	浙江铁马科技股份有限公司创建于 1982 年, 是中国领先的汽车管路等产品的专业生产厂家之一; 是国家高新技术企业, 所用“铁马”商标为浙江省著名商标、浙江省知名商号; 主导产品有: 单、多层尼龙管及总成、制动软管及总成(氟高温)、硅橡胶管、液压钢丝高压管及总成、氟塑料管及总成等系列产品。	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	随着发动机动力性能和环保性能的要求越来越高, 主机厂开发的新的燃油发动机基本上都是缸内直喷发动机; 缸内直喷发动机其高压油泵和油轨间需要一根高压油泵出油管来连接, 目前燃油泵喷射压力在 20MPa 以内, 我司的高压油泵出油管由密封球头和成型硬管装配后焊接而成, 材料均采用 304 不锈钢。但随着技术的发展和燃油经济性的要求, 下一代的燃油喷射压力将达到 40MPa, 管体需要由普通 304 钢管改用 2304 钢管, 同时由于焊接会影响钢管的强度, 两端球头将由机加成型后焊接改为冷锻成型。	
	要解决的问题:	
	1.两端密封面冷锻成型的工艺, 如何达到冷锻后密封面粗糙度 Ra1.6 的要求及批量生产的尺寸稳定性 2.两端密封面冷锻成型后尺寸及粗糙度在线视觉自动检测 3.实现整个生产线的自动化	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	要求有此类产品从业经验, 有相应产品、工艺设计能力	
拟提供的薪酬待遇(年薪):		
拟聘专家人数及专家国别地区:		
项目联系人及职务:	王掌(董事、总经理助理)	
联系电话、传真:	13566892525	
通信地址、邮政编码:	浙江省临海市创业大道 288 号	
电子邮件、网址:	374375411@qq.com	

项目名称:	国六排放多层尼龙燃油管技术	
申报日期:		
用人单位:	浙江铁马科技股份有限公司	是否高新企业? 是
所属行业:	汽车零部件	
所在地区:	浙江铁马	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	浙江铁马科技股份有限公司创建于 1982 年, 是中国领先的汽车管路等产品的专业生产厂家之一; 是国家高新技术企业, 所用“铁马”商标为浙江省著名商标、浙江省知名商号; 主导产品有: 单、多层尼龙管及总成、制动软管及总成(氟高温)、硅橡胶管、液压钢丝高压管及总成、氟塑料管及总成等系列产品。	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	随着国六排放法规的实施, 对燃油管路蒸发排放的要求相应提高, 对多层尼龙燃油管及其接头材料选择提出更高要求	
	要解决的问题:	
	符合国六排放法规的多层尼龙管燃油管方案及接头材料选择	
	需达到的指标或参数:	
	产品达到国六燃油蒸发排放要求	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	要求有此类产品从业经验, 有相应产品、工艺设计能力	
拟提供的薪酬待遇(年薪):		
拟聘专家人数及专家国别地区:		
项目联系人及职务:	王掌(董事、总经理助理)	
联系电话、传真:	13566892525	
通信地址、邮政编码:	浙江省临海市创业大道 288 号	
电子邮件、网址:	374375411@qq.com	

项目名称:	中冷器进出气胶管材料配方及工艺	
申报日期:		
用人单位:	浙江铁马科技股份有限公司	是否高新企业? 是
所属行业:	汽车零部件	
所在地区:	浙江铁马	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	浙江铁马科技股份有限公司创建于 1982 年, 是中国领先的汽车管路等产品的专业生产厂家之一; 是国家高新技术企业, 所用“铁马”商标为浙江省著名商标、浙江省知名商号; 主导产品有: 单、多层尼龙管及总成、制动软管及总成(氟高温)、硅橡胶管、液压钢丝高压管及总成、氟塑料管及总成等系列产品。	

专家需求情况 (要解决的主要问题、需达到的指标参数等):	概述:
	随着汽车行业的竞争日益激烈,各汽车厂对零部件的成本控制越加严格,公司现有的中冷器进出气胶管采用内氟外硅胶方案,目前主要存在两个问题:一是材料成本较高,一是手工缠绕成型,人工费用较高,同时难以形成大批量生产;目前市场针对耐温要求较低的中冷器进出气胶管采用 AEM 或 ACM 挤出成型,其生产效率和成本均有一定优势。
	要解决的问题:
	1.解决中冷器进出气胶管采用 AEM 或 ACM 挤出材料配方 2.解决中冷器进出气胶管采用 AEM 或 ACM 挤出成型工艺
	需达到的指标或参数:
对专家的人选要求 (专业、学位、语言、经验等)及专家来华的具体时间、期限等:	需要两名: 1、了解各类汽车橡胶管路尤其是应用于中冷器进出气胶管的 AEM 或 ACM 材料配方 2、具有 AEM 或 ACM 挤出管路工作经验,同时有相应产品、工艺设计能力
拟提供的薪酬待遇 (年薪):	
拟聘专家人数及专家国别地区:	
项目联系人及职务:	王掌(董事、总经理助理)
联系电话、传真:	13566892525
通信地址、邮政编码:	浙江省临海市创业大道 288 号
电子邮件、网址:	374375411@qq.com

Project Name:	The cold heading forming technology of the outlet end of the high pressure oil pump.	
Date:		
Client:	ZHEJIANG IRON HORSE TECHNOLOGY CO., LTD	Hi-tech Firm? YES
Industry:	Auto parts	
Region:	ZHEJIANG IRON HORSE	
Project Information (client information, main areas of activity, project background, etc.):	ZHEjiang Iron Horse Technology Co.Ltd,which was founded in 1982,It is one of the leading manufacturers of automobile pipeline and other products in China.It is a national high-tech enterprise, and the "iron horse" trademark used in zhejiang province is a famous trademark of zhejiang province and a well-known trade name of zhejiang province. The leading products are:Single, multi-layer nylon tube and assembly, brake hose and assembly (fluorine high temperature), silicone rubber pipe, hydraulic wire high pressure pipe and assembly, fluorine plastic pipe and assembly series products.	

Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description: With the increase of engine power performance and environmental protection performance, the new fuel engine developed by the main engine plant is basically a direct injection engine. Straight in cylinder engine between the high pressure oil pump and oil rail need a high pressure oil pump out tubing connection, the fuel injection pressure within the 20 mpa, our high pressure oil pump flowline by sealing ball head and welded together after forming hard tube assembly, material adopts 304 stainless steel. But with the development of technology and the requirements of the fuel economy, the next generation of fuel injection pressure will reach 40 mpa, the tube body needs from ordinary steel pipe 304 to 2304 steel pipe, at the same time due to welding can affect the strength of the steel tube, both ends of the ball head will be made by machine after add molding welding cold heading forming instead
	Issues to solve: 1. How to achieve the requirements of Ra1.6 and the dimensional stability of mass production after cold-heading forming process on both sides of the sealing surface 2.On-line visual inspection of the size and roughness after cold upsetting on both ends of the sealing surface. 1. Realize automation of whole production line.
	Statistics & Data:
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Have the experience of this kind of product, have corresponding product, process design ability.
Proposed Annual Payment for Experts (USD) :	
Number of Experts Required and which country experts is from:	
Contact Person and Position:	Wang zhang (director, general manager assistant)
Telephone and Fax:	13566892525
Post Address and Post Code:	288, Chuangye Avenue, Linhai,Zhejiang Province,China 317000
E-mail and Web:	374375411@qq.com and www.chinaironhorse.com

Project Name:	National six - emitting multi - layer nylon fuel pipe technology.
Date:	

Client:	ZHEJIANG IRON HORSE TECHNOLOGY CO., LTD	Hi-tech Firm? YES
Industry:	Auto parts	
Region:	ZHEJIANG IRON HORSE	
Project Information (client information, main areas of activity, project background, etc.):	ZHEjiang Iron Horse Technology Co.Ltd,which was founded in 1982,It is one of the leading manufacturers of automobile pipeline and other products in China.It is a national high-tech enterprise, and the "iron horse" trademark used in zhejiang province is a famous trademark of zhejiang province and a well-known trade name of zhejiang province. The leading products are:Single, multi-layer nylon tube and assembly, brake hose and assembly (fluorine high temperature), silicone rubber pipe, hydraulic wire high pressure pipe and assembly, fluorine plastic pipe and assembly series products.	
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description : With the implementation of the national six emission regulations, the demand for evaporative discharge of fuel pipe is correspondingly raised, and the selection of multi-layer nylon fuel pipe and its joint materials is higher.	
	Issues to solve: The multi-layer nylon tube fuel pipe scheme and joint material and selection of the national six emission regulations.	
	Statistics & Data:	
	The product meets the national six fuel evaporation emission requirements.	
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Have the experience of this kind of product, have corresponding product, process design ability.	
Proposed Annual Payment for Experts (USD) :		
Number of Experts Required and which country experts is from:		
Contact Person and Position:	Wang zhang (director, general manager assistant)	
Telephone and Fax:	13566892525	
Post Address and Post Code:	288, Chuangye Avenue, Linhai,Zhejiang Province,China 317000	
E-mail and Web:	374375411@qq.com and www.chinaironhorse.com	

Project Name:	Material formula and process for air inlet and outlet pipe of medium cooler
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Date:	
Client:	ZHEJIANG IRON HORSE TECHNOLOGY CO., LTD Hi-tech Firm? YES
Industry:	Auto parts
Region:	ZHEJIANG IRON HORSE
Project Information (client information, main areas of activity, project background, etc.):	ZHEjiang Iron Horse Technology Co.Ltd,which was founded in 1982,It is one of the leading manufacturers of automobile pipeline and other products in China.It is a national high-tech enterprise, and the "iron horse" trademark used in zhejiang province is a famous trademark of zhejiang province and a well-known trade name of zhejiang province. The leading products are:Single, multi-layer nylon tube and assembly, brake hose and assembly (fluorine high temperature), silicone rubber pipe, hydraulic wire high pressure pipe and assembly, fluorine plastic pipe and assembly series products.
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description: As the car industry increasingly competitive, each car factory for spare parts cost control the more strict, the company's existing inter-cooled apparatus in and out of the air hose, inside outside fluorine silica gel was used in mainly two problems: one is the material cost is higher, one is manual winding, artificial cost is higher, difficult to form the mass production at the same time; At present, there is a certain advantage in the production efficiency and cost in the market aiming at the low temperature resistance of the middle cooler in the inlet and outlet of the gas hose with AEM or ACM extrusion molding.
	Issues to solve: Solve the formulation of AEM or ACM extruding material for the inlet and outlet air hose of the middle cooler.
	Statistics & Data:
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Need two: 1.Understand the AEM or ACM material formula of all kinds of automotive rubber pipes, especially those used in the inlet and outlet of gas hose. 2.Experience with AEM or ACM extrusion line, with corresponding product and process design capability.
Proposed Annual Payment for Experts (USD) :	
Number of Experts Required and which country experts is from:	
Contact Person and Position:	Wang zhang (director, general manager assistant)

Telephone and Fax:	13566892525
Post Address and Post Code:	288, Chuangye Avenue, Linhai,Zhejiang Province,China 317000
E-mail and Web:	374375411@qq.com and www.chinaironhorse.com

浙江大鹏机械有限公司

项目名称:	降低齿轮传动噪音与热处理过程中齿轮变形综合治理	
申报日期:	2018年3月1日	
用人单位:	浙江大鹏机械有限公司	是否高新企业? 是
所属行业:	机械制造类	
所在地区:	浙江温岭	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>用人单位基本情况: 热处理过程中齿轮变形, 齿轮转动噪音 1200 转大于 80db. 不能高端客户需求。</p> <p>要业务领域: 微型车、轻型卡车后桥齿轮的制造。</p> <p>项目背景情况: 随着机械工业现代化的飞速发展, 在某些领域内对齿轮传动的噪声指标提出了越来越高的要求, 特别是在分贝值达到的情况下, 有些客户还提出没有杂音的问题。</p>	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	热处理过程中齿轮变形造成, 齿轮转动噪音 1200 转大于 80db.	
	要解决的问题:	
	降低齿轮转动噪音与热处理过程中齿轮变形	
	需达到的指标或参数: 齿轮转动噪音 1200 转低于 75db, 热处理过程中齿轮变形内花键收缩椭圆控制在: 0.05MM 以内, 齿形齿向控制在: 0.01MM 以内	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	<p>热处理专家: 材料工程或机械类专业</p> <p>齿轮专家: 机械类专业</p>	
拟提供的薪酬待遇(年薪):	30—50 万	
拟聘专家人数及专家国别地区:	2 人	
项目联系人及职务:	朱志传总经理	
联系电话、传真:	0576—86837221、13806568028	
通信地址、邮政编码:	浙江省温岭市箬横镇广场路 39 号	
电子邮件、网址:	info@zjdpco.com, http://www.zjdpco.com	

浙江富地机械有限公司

项目名称:	循环水养殖整体设计和装备
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申报日期:	2018年3月8日	
用人单位:	浙江富地机械有限公司	是否高新企业? 是
所属行业:	专用设备制造	
所在地区:	台州市路桥区	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	本公司为国内最大的水产养殖机械生产厂家,为应对新形势下现代水产养殖装备的发展方向,循环水养殖作为集现代工业技术为一体的工厂化,集约化养殖模式,所以将循环水养殖整体设计及装备作为今后的研发重点	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	具有循环水养殖的先进理念和丰富经验,特别是以下技术要点:精准投喂的饲喂系统、高密度养殖条件下的鱼类游泳和摄食行为、通过饲料配方的改善以减少废物排放、紫外线和臭氧联合消毒、光周期对鱼类摄食行为的影响、鱼类养殖环境的优化、细菌的数量和种类对水处理系统效能的影响、换水量和循环水率的优化、养殖水体中的酸碱平衡、养殖设施的优化设计、鱼类的福利等。	
	要解决的问题:	
	生物过滤器的硝化动力学过程,物理过滤器去除细微悬浮颗粒的能力,全封闭系统所需的生物反硝化技术 将此整体设计理念与中国目前的养殖现状结合提出一套可操作性的方案,将所涉及的相关装备进行国产化改造	
	需达到的指标或参数:	
	实现循环水养殖的智能化和自动化的控制技术的成熟化,并对所有重要的水质参数进行控制和调节,设备的国产化率达到90%以上	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	循环水养殖整体设计资深人士,博士学位,设备方面相当于副教授以上,本行业十年以上经验,英语。	
拟提供的薪酬待遇(年薪):	80万人民币以上	
拟聘专家人数及专家国别地区:	2人,欧洲	
项目联系人及职务:	吴海钧 总经理	
联系电话、传真:	0576-82883955 82881955	
通信地址、邮政编码:	台州市路桥区路南街道卖芝桥东路东段	
电子邮件、网址:	www.futi.com futi@futi.com	

浙江铭匠科技有限公司

项目名称:	机床的开发和设计	
申报日期:	2018年3月	
用人单位:	浙江铭匠科技有限公司	是否高新企业? 否
所属行业:	高端装备制造	

所在地区:	台州路桥
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	<p>铭匠是一家富有激情快速发展的公司,创建于 1998 年,在台州路桥、台州椒江、宁波江北、各有一个工厂。公司现已拥有四个子公司:浙江铭匠科技有限公司、浙江旺邦精密机床有限公司、宁波铭匠扎啤设备有限公司,宁波铭匠国际贸易有限公司。产品涵盖以自动消防喷头框架为龙头,铜夹子、水表壳、园林喷灌三大系列为主的 OEM 项目;不锈钢波纹管项目;扎啤桶项目;双向数控车床项目等若干个项目群。公司在项目开发上严格遵循“只有第一”的原则。即决定开发前要根据自身能力和外部市场环境先分析能否做成第一。只有能做成第一的项目才会被考虑开发。而一旦决定开发,整个团队就有超强的执行力,想尽一切办法做成第一。现在我们已有数个第一,其中消防喷头框架是国内第一家能帮助客户一次性通过 UL、FM、LPCB、VDS 四大认证的供应商,产品被应用于上海环球金融中心、中央电视台新台址、水立方、鸟巢、国家大剧院、阿拉伯塔酒店(迪拜七星酒店)等众多著名建筑,现已成为中国第一,正奋力向世界第一迈进;9 加仑扎啤桶已成为世界第一;还有国内首创的双向数控车床等。随着公司发展战略展开相信将来还会有更多“第一”。</p>
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:
	需要国际顶级的机床行业技术领军人物,来带领公司原有的机床设计工程师。
	要解决的问题:
	1、指导原有的技术人才; 2、为公司发展提供战略方向的咨询。
	需达到的指标或参数:
	十年以上世界顶级机床企业机床整机设计经验(如德玛吉、马扎克、哈斯、森精机等)。
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	机械专业毕业,博士以上学位,每年在中国需停留 6 个月以上;
拟提供的薪酬待遇(年薪):	面议
拟聘专家人数及专家国别地区:	人数:2 人;国别不限
项目联系人及职务:	许晨冰;人力资源总监
联系电话、传真:	+86-15968602088; 0576-82704138
通信地址、邮政编码:	中国浙江省台州市路桥区横街镇洋屿山浙江铭匠
电子邮件、网址:	choxu@chinesebrass.com; http://www.chinesebrass.com/

浙江省丽水市 2018 年拟引进外国专家需求 信息表

浙江晨龙锯床股份有限公司

项目名称:	智能锯切带锯床	
申报日期:	2018.2.25	
用人单位:	浙江晨龙锯床股份有限公司	高新技术企业
所属行业:	金属切削	
所在地区:	浙江省丽水市缙云县	
项目概况(用人单位基本情况、主要业务领域、项目背景情况等):	浙江晨龙锯床股份有限公司创建于 2000 年, 是全球高端智能锯切带锯床制造的服务商, 致力于提供工业金属锯切解决方案, 是国内金属切削带锯床行业的龙头企业、新三板上市企业、国家金属切削带锯床行业标准起草单位、国家知识产权示范单位。	
专家需求情况(要解决的主要问题、需达到的指标参数等):	概述:	
	对面向高铁、航空航天、海洋工程等国家急需行业难加工材料的高速锯切需求, 开展智能锯切带锯床研发及产业化比较熟悉。目前, 项目团队应用智能锯切技术, 已开发成功 CH360 数控带锯床和关键部件, 其锯切效率从原有的 70cm ² /min 达到 120cm ² /min, 锯切精度从原有的 0.40mm/100mm 达到 0.10mm/100mm。	
	要解决的问题:	
	(1) 智能锯切带锯床的故障诊断技术与远程监控 (2) 带锯床强力锯切机理研究和实现技术	
	需达到的指标或参数: (1) 故障诊断正确率≥90%; (2) 锯切效率≥250cm ² /min。	
对专家的人选要求(专业、学位、语言、经验等)及专家来华的具体时间、期限等:	博士, 从事机械装备及自动化研发 5 年以上经验, 能长期来华工作	
拟提供的薪酬待遇(年薪):	面谈	
拟聘专家人数及专家国别地区:	1 人, 欧洲	
项目联系人及职务:	丁泽林, 董事长	
联系电话、传真:	13905883888, 05783157177	
通信地址、邮政编码:	浙江省丽水市缙云县壶镇镇华强路 1 号, 321404	
电子邮件、网址:	zelin@chenlong.com, www.chenlong.com	
Project Name:	Intelligent cutting band sawing machine	
Date:	Feb. 25, 2018	
Client:	Zhejiang	Chenlong sawing Hi-tech Firm

	machine Co., Ltd
Industry:	Metal Cutting
Region:	Jinyun County, Lishui, Zhejiang
Project Information (client information, main areas of activity, project background, etc.):	Zhejiang Chenlong sawing machine Co., Ltd was created in 2000, is the world's high-end smart saw cutting band sawing machine manufacturing service providers, committed to providing industrial metal cutting solutions, is the domestic metal cutting band sawing machine industry leading enterprises, the New OTC Market enterprise, national metal cutting band sawing machine industry standard drafting units, the State Intellectual Property demonstration unit.
Nature of Activity Requested for Experts (Project description, assignment target, etc.):	Description:
	Oriented the high-speed cutting demand applying in applying in high-rail, aerospace, marine engineering industry, Zhejiang Chenlong sawing machine Co., Ltd developed the intelligent cutting band sawing machine and carry out industrialization. At present, project team in the application of intelligent saw cutting technology, has been successfully developed CH360 CNC band sawing machine and key components, the cutting efficiency to achieve 120cm ² /min from the original 70cm ² /min, saw cutting precision to achieve 0.10mm/100mm from the original 0.40mm/100mm.
	Issues to solve:
	(1) Sawing intelligent fault diagnosis technology and remote monitoring of band sawing machine (2) Studying of strong cutting mechanism and implementation technology of band sawing machine
	Statistics & Data:
(1) The fault diagnosis accuracy rate great than 90%; (2) The cutting efficiency great than 250cm ² /min.	
Expert qualification required (Professional, degree, language, experience, etc) and assignment target date, duration and location:	Ph. D, engaged in mechanical equipment and automation research and development for more than 5 years, be able to long-term work in China
Proposed Annual Payment for Experts (USD) :	interview
Number of Experts Required and which country experts is from:	one person, North America
Contact Person and Position:	Ze lin Ding Chairman of the board
Telephone and Fax:	Mobile :13905883888 Fax: 05783157177
Post Address and Post Code:	NO.1 Huaqiang Road,HuzhenTown,JinyunCounty Zhejiang Province, P.R.china Post Code:321404
E-mail and Web:	E-mail:zelin@chenlong.com Web :www.chenlong.com