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《建筑》杂志 ■ 半月刊三月上
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时评

因事制宜 趋利避害

关注

本期焦点: 06

BT模式, 跟进还是拒绝?

自国际金融危机爆发以后, 一些国有大型建筑施工企业与地方政府频频“牵手”, 以BT模式签署了一个又一个动辄几十亿元的建设合同。BT深刻影响着建筑施工企业经营模式的转型和产业结构的调整。是模式创新还是市场冒险, 是经营奇葩还是垫资陷阱?

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从上海11·15特大火灾谈 高层建筑设计规范的缺陷

从上海11·15特大火灾事件的教训来看, 诸如管理不力、监理失职、施工混乱、无证上岗、多次分包等已经被多方披露, 此外, 笔者认为, 这次灾难还暴露出现行规范某些条款中的漏洞, 有待继续探讨和进一步修订。

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让建筑员工体面的工作

圣亚照明

shengyazhuoming

3.5K镇流器换代产品



长寿命节能型3.5K镇流器, 是本公司研发的专利产品, 它适用于建筑施工及高空作业的场所, 投放上海市场一年多的时间里, 客户反映良好, 本公司新产品与老产品相比具有如下优点(见数据):

1. 施工方便: 采用一体化设计将镇流器、启动器、限流器、灯具主要部件构成一体, 并预留电源输入接线端, 不仅方便用户接线安装, 同时还提高了工程施工效率。
2. 节能: 老产品镇流器所产生的热能, 在新产品中转换成光能, 在照明效果相同的条件下, 节电0.8~1.2千瓦/小时。
3. 寿命长: 采用高电压、小电流设计, 老产品工作电流: 16~20A; 新款灯具工作电流: 7~8A, 减轻了镇流器电极的烧损及灯泡内胆钨片电流密度过大的缺陷。使镇流器的使用寿命延长到3000小时。本产品按国家规定执行“三包”。
4. 价格低廉: 由于新产品设计取消了镇流器, 不仅成本降低60%。同时电源铜导线由6mm²降至2.5mm², 使每100m导线节省1000元。并解决了易过热燃烧的镇流器部件给工程带来的安全隐患。

注: 灯具安装尺寸是均布在Φ100圆周上的三个Φ13通孔。

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中国砖机的航母

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MAIN CONTENTS 英文要目

06 BT Mode: Follow Up or Refuse?

During the Eleventh Five-Year Plan, especially after outburst of international financial crisis, BT (Bank - Transfer), "imported goods" originated from 1990s, has developed violently. Some state-owned large-scale construction enterprises frequently have cooperated with local governments to sign construction contracts often cost amount of billions of yuan with BT mode. BT is deeply impacting transition of operating mode of construction enterprise and adjustment of industrial structure. Is it mode innovation or market risk? Operating miracle or trap of money filling? In front of temptation, specific analysis and careful consideration are required.

12 Talk about Defects of High-rise Building Design Specifications based on Shanghai November 15 Extraordinary Fire Disaster

After Shanghai November 15 extraordinarily serious fire disaster, the writer has successively inspect on site in person for three times and looked up Chinese existing specifications related to dwelling design and construction. According to the lesson from this event, such as improper management, duty dereliction of supervision, construction chaos, working without certificate and repeated subcontracting have been disclosed from many sources. In addition, the writer thinks that this disaster also revealed the missing points in some clauses of current specifications, still requiring further discussion and modification.

15 Research for Enterprise-type Working of Rural Migrant Workers in Cities in Building Trade

Current building labour market has formed illegal and unreasonable Nash Equilibrium (term of game theory, refers to one kind of strategic combination consists of optimum strategy of all participants), but the automatically implemented Nash Equilibrium is unable to be changed by the conscious activities of participants inside the game, the government should participate in to direct labour service selection made by project manager in accordance with relevant laws and systems, thus reducing current welfare level, forcing the migrant workers to select labour service contract, impacting the selection of migrant workers and enabling migrant workers in building trade to realize enterprise-type working.

25 Beijing Zhuzong Group: Focus "Five Intensive" and Realize Transition and Upgrade

During three decades since reform and opening up to the outside world, the state-owned building enterprises in capital have highlighted functions and effects of state-owned economy in major urban infrastructure construction and civil engineering construction, serious disaster construction aid, major activity guarantee and other fields, making outstanding contribution for capital's economic and social development. However, unsound system, imperfect system, operation short of standardization and other problems still exist in market development, so "low end competitive industry and meager profit risky enterprise" has been the basic characteristics of building industry for a long time and perplexed sustainable and healthy development of building enterprises at different levels.