

MARKET INFRASTRUCTURE

Posternak I.M.

Candidate of Technical Sciences, Associate Professor,
Senior Lecturer at Department of Construction
Management and Occupational Safety and Health,
Odessa State Academy of Civil Engineering and Architecture

Posternak S.A.

Candidate of Technical Sciences, Associate Professor,
Technical Expert,
Private Enterprise "Kompozit"

QUALITY EVALUATION OF OPERATED PROCESSES OF THE COMPLEX OF TOWN-PLANNING POWER RECONSTRUCTION "CSTC T-PPR"

As one of perspective forms of integration, various complexes act in town-planning structure. In the course of formation of plans of social and economic development of large cities even more often there is a situation when for the increase of efficiency of used financial, material and labour resources, not only a concentration of efforts is needed but also new progressive forms of the organization of construction operations. We offer to create the corporate complexes having various scales, purposes, structure (in town-planning reconstruction – Corporate Scientific and Technical Complexes of Town-Planning Power Reconstruction "CSTC T-PPR"), as the innovative organizational structure, which uses in practice the saved up scientific and technical potential for the reconstruction of buildings of historic development of Odessa during 1820 ... 1920 years under standards of power efficiency.

At the legislative level, in Odessa operate: the Program of Support of Investment Activity in the Territory of Odessa for 2016-2018, which acceptance is predetermined by a necessity of the creation of conditions for activization of the investment activity aimed at improving the environment for conducting business and economic activities, improvement of general macroeconomic indicators, as a consequence, provision of constant social and economic development of Odessa; the Complex Program of Building Development in the city of Odessa for 2013-2018, which is directed to the solution of such basic problem questions of town-planning sphere of Odessa as housing construction development, and also updating of a technical condition of objects of social appointment and engineering-transport infrastructure; the City target program of inclusion of the central historical part of development of Odessa to the basic list of the World Inheritance of UNESCO for 2013-2018 and the City Energy Efficiency Program of Odessa for 2013-2018.

Within the limits of these programs, it is necessary to execute reconstruction of buildings of the historic

development of Odessa during 1820 ... 1920 years under the standards of power efficiency, in which it is necessary to estimate a result of administrative activity dynamically.

Modelling of the function of scheduling and management, including calculation of an index of management quality on the example of conditional schedule diagrams under the name "Reconstruction of Quarter of the Historic Development of Odessa" is considered. It is necessary to notice that the described procedure of the management quality estimation allows counting dynamically an index of management quality. Moreover, at the given index it is possible to define a degree of responsibility of executors of concrete works. The presented model of the estimation of management quality is adequate as is based on the modern concept of the estimation of efficiency of investment projects. The given model basically possesses the property of adaptability. However, for its adjustment for fuller estimating effect, it is necessary to consider the dependence of norm of discount on time. And at last, the model is effective, as allows estimating dynamically results of administrative activity and on this dynamics to form detailed enough forecasts of development of the operating process.

REFERENCES:

1. Prutsyn O.Y. Arkhytekturno-istorycheskaia sreda / O.Y. Prutsyn, B. Rymashevskyi; per. s polsk. M. Predtechenskoho. – M.: Stroizdat, 1990. – 408 s.
2. Gabriel I. Vom Altbau zum Niedrigenergie und Passivhaus / I. Gabriel, H. Ladener. – Staufen bei Freiburg, 2010. – 480 p.
3. Posternak S.O. Inzhenerna arkitektonika zhytlovyykh budivel istorychnoi zabudovy mista Odesy / S.O. Posternak, O.M. Kotsiurubenko // Restavratsiia, rekonstruktsiia, urboekologiiia #7-8: zb. nauk. prats.– Odesa, 2010. – S. 87–96.
4. Posternak Y.M. Rekonstruktsiya zdanyi fonovoi zastroiky tsentralnoi chasty horoda Odessy po standartam energoeffektyvnosti / Y.M. Posternak // Materialy IV mizhn. nauk.-tekhn. konferentsii «Budivnytstvo, rekonstruktsiia i videnovlennia budivel miskoho hospodarstva». – Kh.: KhNUMH, 2014. – S. 10–13.

5. Posternak Y.M. Orhanyzatsyonnye meropriyatiya povyshenya enerhoeffektyvnosti rekonstruktsyy zdani ystorycheskoi zastroiky Odessy. / Y.M. Posternak, S.A. Posternak// Materyaly II mezhdunarodnoi nauchno-tekhnycheskoi ynternet-konferentsyy «Resursosberezenye u enerhoeffektyvnost ynhenernoi ynfrastrukturly urbanyzyrovannykh terrytoriy u promyshlennyykh predpriyatiy» –Kh.: KhNUMH, 2016.–S. 85 – 87.
6. Posternak Y.M. Orhanyzatsyonnaia struktura «KNTK HERek» dlja rekonstruktsyy zdani ystorycheskoi zastroiky Odessy po standartam enerhoeffektyvnosti. /Y.M. Posternak, S.A. Posternak // Tezy dopovidei KhIII mizhnarodnoi konferentsii «Upravlinnia proektamy u rozvytku suspilstva». m. Kyiv 13-14 travnia 2016 r. – K.:KNUBA, 2016 – S.201 – 203.
7. Posternak Y.M. Orhanyzatsyonnaia struktura «KNTK HERek» dlja rekonstruktsyy zdani ystorycheskoi zastroiky Odessy s pozysyy kompleksnosti. /Y.M. Posternak, S.A. Posternak// Materialy naukovo-praktychnoi konferentsii «Problemy ta perspektyvy rozvytku budivelnoho kompleksu m. Odesy» 22...24.09.2016r. – Odesa: ODABA, 2016. – S. 52.
8. Posternak I.M. Korporatyvnyi naukovo-tehnichnyi kompleks mistobudivnoi enerhorekonstruktsii KNTK MERek: vytoky» / I.M. Posternak, S.O. Posternak // Materials of the XII international scientific and practical conference "Scientific horizons – 2016" (30.09 – 07.10.2016) Volume 1. Economic science: Sheffield. Science and education LTD. – 2016. – C. 26 – 29.
9. Posternak Y.M. Ynnovatsyonno-ynvestytsyonnyi potentsyal orhanyzatsyonnoi struktury «KNTK HEREK» [Elektronnyi resurs] /Y.M. Posternak, S.A. Posternak// Materialy Vseukrainskoi internet-konferentsii «Ekonomichni perspektyvy pidpriemnytstva v Ukraini» T. 1. – Irpin: UDFSU, 2016. – S. 173-176. – rezhym dostupu <http://econp.esy.es/conference-2016/>
10. Posternak I.M. Enerhomenedzhment pry rekonstruktsyy zdani ystorycheskoi zastroiky Odessy / I.M. Posternak, S.O. Posternak // materialy V mizhn. nauk.-tekhn. konferentsii «Problemy suchasnoi enerhetyky i avtomatyky v systemi prydokorystuvannia». – Kyiv: NUBiP, 2016. – S. 152–154.