THE MINISTRY OF CONSTRUCTION -------	SOCIALIST REPUBLIC OF VIET NAM Independence - Freedom – Happiness ---------
No. 957/QD-BXD	*Hanoi, September 29, 2009*

DECISION

ON DISCLOSURE OF QUOTA FOR COST QUOTA OF PRJECT MANAGEMENT AND COST OF CONSULTANCY OF INVESTMENT AND CONSTRUCTION OF BUILDINGS

THE MINISTER OF CONSTRUCTION

Pursuant to the Decree No. 17/2008/ND-CP dated 04/02/2008 of the Government regulating functions, tasks, powers and organizational structure of the Ministry of Construction;
Pursuant to the Decree No. 99/2007/ND-CP dated 13/6/2007 of the Government on management of costs for investment and construction of buildings, Decree No. 03/2008/ND-CP dated 07/01/2008 of Government amending and supplementing some articles of Decree No. 99/2007/ND-CP;
Pursuant to the Decree No. 12/2009/ND-CP dated 12/02/2009 of the Government on management of investment and construction of buildings;
At the request of the head of Department of Construction Economics and Director of the Institute of Construction Economics.

DECIDES

Article 1. The publication of cost quota for project management and consultancy for investment and construction of buildings together with this Decision, whereby the relevant agencies, organizations and individuals might consult and use in determining cost for management of projects and consultancy of investment and construction of buildings.

Article 2. This Decision takes effect from the date of signing.

FOR THE MINISTER
DEPUTY MINISTER

Tran Van Son

QUOTA

COST FOR PROJECT MANAGEMENT AND CONSULTANCY OF INVESTMENT AND CONSTRUCTION OF BUILDINGS
(*Attached to Decision No. 957/QD-BXD on 29/9/2009 by the Minister of Construction*)

1. Some general guidelines for applying cost quota

1.1. The cost quota of project management and consultancy of investment and construction of buildings announced in this Decision include the costs needed to complete the tasks of project management and consultancy of investment and construction of buildings. Based on the specific conditions of a project, buildings, project owners decided to consider the application of cost quota to determine cost quota of project management and consultancy of investment and construction of buildings. In the case where the application of cost quota for project management and consultancy of investment and construction of buildings announced in this Decision is not suitable (the cost is not enough or redundant), the project owners shall consider and decide adjusting the quota or setting up an estimate to determine cost.

1.2. The cost quota of project management and consultancy of investment and construction of buildings is determined on the basis of regulations on projects of investment and construction of buildings; classification and ranking of the buildings; the design steps; requirements and content of project management and consultancy of investment and construction. Regulations on projects of

investment and construction of buildings; classification and ranking of buildings; design steps, requirements, content of project management and consultancy of investment and construction comply with the Law on Construction and the relevant current guiding documents.

1.3. Where projects or buildings with a size within size range according to the announcement in this Decision, the cost quota of project management and consultancy for construction of buildings is determined by the following formula:

$$Nt = Nb - \frac{Nb - Na}{Ga - Gb} x(Gt - Gb) \qquad (1)$$

wherein:

- Nt: The cost quota of project management, consultancy for investment and construction of buildings according scale of value of construction or scale of value of equipments or scale of value of construction and scale of value of equipment to be calculated ; unit to be calculated :% ratio;

- Gt: The scale of value of construction or scale of value of equipment or the scale of value of construction and the scale of value of the equipment need calculating the cost quota for project management, consultancy of investment and construction of buildings; unit: value;

- Ga: The scale of value of construction or the scale of value of equipment or scale of value of construction and scale of value of upper limit equipment of the scale of value need calculating quota; unit: value;

- Gb: The scale of value of construction or the scale of value of equipment or the scale of value of construction and scale of value of lower limit equipment of the scale of value needs calculating the quota; unit: value;

- Na: The cost quota of project management, consultancy for investment and construction of buildings corresponding to Ga; unit: % ratio;

- Nb: The cost quota of project management, consultancy for investment and construction of buildings corresponding to Gb; unit: % ratio;

1.4. Where projects, buildings with scale larger than that in announcement in this Decision, the cost quota for project management and consultancy of investment and construction of buildings is determined by extrapolation method or by making an estimation to determine costs.

1.5. The determination and management of costs to hire foreign consultants comply with the current regulations (currently the provisions in Decision No. 131/2007/QD-TTg dated 09/8/2007 by the Prime Minister promulgating regulation on hiring foreign consultants in construction activities in Vietnam; Circular 09/2007/TT-BXD dated 02/11/2007 of the Ministry of Construction guiding the determination and management cost for hiring foreign consultancy in construction activities in Vietnam and some other related documents)

2. Guiding application of the quota for project management costs

2.1. Project management costs determined by the quotas of project management costs announced in this Decision is the funding necessary for project owners to hold management of the implementation of the project management work from the stage of project preparation, implementation of the project until completion, handover testing, putting the project into exploitation and use, as follows:

- Costs for organizing the preparation of investment reports (pre-feasibility study report), setting up investment projects (feasibility study report), and setting up the economic – technical report;

- Costs of implementing the compensation and ground clearance are within the responsibility of the owner;

- Costs for organizing the recruitment and architectural design or selection of architectural design plan;

- Costs of the appraisal of investment projects, evaluation of technical- economic reports;

- Costs for holding evaluation of technical-design, drawing design, cost estimates for construction of buildings;

- Costs for organizing the selection of contractors in construction activities;

- Costs of managing quality, amount, progress and construction costs;

- Costs of ensuring the environmental safety and sanitation the of the building;

- Costs of establishing quotas and unit prices of construction of the building;

- Costs for organizing the inspection of material quality, building quality inspection at the request of the project owner, if any;

- Costs of organizing the inspection of certificate of eligibility to ensure safety of impact resistance and certificate of conformity of quality of the building, if any;

- Costs of the acceptance, payment and settlement of the contract; payment and settlement of capital for investment in construction of the building;

- Costs of the acceptance test, the handover of buildings;

- Costs for breaking ground, inauguration, propagation and advertisement;

- Costs for organizing the implementation of other management tasks.

2.2. Project management costs calculated according to the quota published in this Decision include the cost of salaries, allowances, other deductions for social insurance, health insurance, unemployment insurance, business union fees, bonuses, collective welfare of the individuals involved in project management, cost of public services, stationery supplies, communications, conferences, seminars, training, professional training, work costs, rental for houses, rental for vehicles, equipment, cost for procurement of property for management, the cost of regular repair and overhaul of the property of management board, charges, fees and other related costs.

2.3. Project management costs in the total investment determined by percentage (%) (Quota published in Table 1 of this Decision) and multiplied by the cost of construction and equipment costs (no value added tax) in the total approved investment. Project management costs in the cost estimate determined by the quota of percentage (%) (The same % ratio quota used to calculate the costs of project management in the total investment above) and multiplied by costs for construction and equipment (without value added tax) of the approved building estimate

2.4. Project management costs of the construction project at the island, at the border (such as border patrol line, border demarcation ...) is determined according to quota published in this Decision and is adjusted with coefficient K = 1.35. Project management costs of construction projects in areas with particularly difficult socio - economic conditions according to the current regulations are determined at the quota announced in this Decision and are adjusted with coefficient K = 1.25.

2.5. Where a project consists of component projects, the project management costs are determined separately by size of individual component projects. Where the project is spread across several provinces (traffic works, hydraulic buildings), the project management costs are determined according to the quota published in this Decision and are adjusted with the coefficient K = 1.1. Where the project includes separate buildings are built on different provinces, the project management costs are determined by size of construction costs and equipment costs in the estimates of each approved buildings.

2.6. Where projects are still managed according to the model: the central project management board and local project management boards, the project management costs of the local project is determined by the quota of management costs for projects announced in this Decision and multiplied by the construction costs and equipment costs (no value added tax) in total investment amount of each approved local projects. For the project management costs of the central project management Board are determined separately by its own estimates in accordance with assigned tasks.

2.7. Cost for the project owner’s section that perform concurrently two or more missions, to organize examination and supervision of activities of the inferior project management board; the activities of projects invested in the form of contracts (such as BOT, BT, BTO, BOO) and the implementation of project management consultancy are determined by the estimate. This cost is deducted from the budget for project management.

2.8. Where a general contractor performs some tasks of project management that belong to the responsibility of the project owner, the general contractor was entitled to get a part of the cost of project management, depending on tasks assigned by the project owner. The cost for the general contractor to perform tasks of the project management is determined unanimously by project owners

and the general contractor. This cost is deducted from the budget for the project management of the project owner.

2.9. Where the project owner has sufficient capability to concurrently perform a number of consulting jobs in the process of project management, the implementation costs of the consultancy work is calculated to be added to the fund for management of project. The management and use of project management costs and costs of implementing the above-mentioned consultancy works comply with current regulations. Where project owners organize a specialized section to conduct some consultancy works during the project management, the cost of implementing the above-mentioned consultancy works is determined according to the guidance in this Decision.

2.10. In case of hiring consultancy for project management, the cost for hiring project management consultancy is determined by the instructions in point 3.1.5 of Section 3 of this Decision.

Table 1: Cost quota for management of projects

Unit: Percentage (%)

Order	Type of building	Costs for construction and equipments (without VAT) (billions in VND)											
		≤ 10	20	50	100	200	500	1,000	2,000	5,000	10,000	20,000	30,000
1	Civil building	2.524	2.141	1.912	1.537	1.436	1.254	1.026	0.793	0.589	0.442	0.330	0.264
2	Industrial building	2.657	2.254	2.013	1.617	1.512	1.320	1.080	0.931	0.620	0.465	0.347	0.278
3	Traffic work	2.259	1.916	1.711	1.375	1.285	1.122	0.918	0.791	0.527	0.395	0.295	0.236
4	Hydraulic work	2.391	2.029	1.811	1.455	1.361	1.188	0.972	0.838	0.558	0.419	0.313	0.250
5	Technical infrastructure work	2.125	1.803	1.610	1.294	1.210	1.056	0.864	0.744	0.496	0.372	0.278	0.222

3. Guidance on the application of quota for consultancy cost

3.1. Guidance applies to consultancy costs:

3.1.1. The consultancy works of which the cost is published in this Decision include:

- Preparing of investment projects, preparing technical- economic reports;

- Verifying the effectiveness and feasibility of investment projects;

- Designing and constructing the building;

- Verifying of technical design, drawing design, cost estimates for construction of buildings;

- Selecting contractors in construction activities;

- Supervising construction and equipment installation.

3.1.2. Consultancy costs determined according the quota announced in this Decision include the cost for experts and management, and other costs and income before tax but does not include costs for purchasing professional liability insurance and value added tax.

3.1.3. The cost for consultancy announced in this Decision does not include the cost to set dossiers in foreign languages. When determining the cost of consultancy requiring a dossier in foreign language according to the quota announced in this Decision, the cost for setting up the dossier in foreign language is added. A cost for setting up a dossier in foreign language is determined by the estimate.

3.1.4. Where applying simultaneously coefficients for adjusting the quota for consultancy costs, the coefficients is multiplied by the cost quota.

3.1.5. Cost for project management consultancy is determined by the estimate based on content, amount of the work hired by the project owner and regimes and policies as prescribed. Cost for management consultancy is determined within the project management costs as announced in this Decision.

3.1.6. In case of hiring a project management consultancy organization to fulfill more project consultancy work such as design verification, verification of cost estimates, selection of contractors in construction activities, construction supervision and other consultancy works, the cost of implementing the above works is added according to the quota announced in this Decision.

3.1.7. For works need hiring consultancy work without the quota being published in this Decision such as elaboration of investment reports; recruitment or selection of architectural design plans, control of cost for construction, selection of contractors in construction activities; establishment of project management consultancy; selection of consultant contractors; supervision of construction surveys, consultancy of project management, establishment and verification of the quota and unit price for construction; professional experiment; examination of quality of materials at the request of the project owner, expertise of construction quality, certification of eligibility to ensure impact resistance safety and certificate of conformity of construction quality; judicial expertise in construction; Conversion of capital for investment in construction and other consultancy works, an estimate is set up to determine the cost or the application the cost of accomplished similar buildings or projects. Cost estimates prepared in accordance with the instructions in the Appendix to this Decision.

3.1.8. In case where the product of consultancy have been completed but not used (no fault of the consultant contractor), the project owner must pay charge of consultancy made as agreed in the contract. Where the consultant contractors have to offer again their consultancy or have to modify and supplement the completed consulting works at the request of the project owner (no fault of consultant contractor), the project owners pay the charge for these works based on agreement between the project owner and the consultant contractor.

3.2. Guiding the application of cost quota of establishment of the investment project and establishment of technical- economic reports

3.2.1. The costs of investment project establishment, technical- economic report establishment are determined by the percentage (%) (Quota published in Table 2 and Table 3 of this Decision) and multiplied by the construction cost and equipment cost (no value added tax) in total investment of the project, the approved technical economic report.

3.2.2. The costs for establishment of investment projects and establishment technical- economic reports shall be adjusted in the following cases:

- In case of renovation, repair, expansion with intention to connect the new building to the technological line of existing building: cost quota is adjusted with a coefficient K = 1.2.

- In case of using a sample design or typical design issued by the competent agencies: the cost quota is adjusted with coefficient K = 0.80.

3.2.3. In the case where a investment project is established without any approved detailed plans for construction with the rate of 1 / 500, the project owner must make a detailed plan for construction with the rate of 1 / 500 of the project that serves as a base for competent agency on planning to approve, the cost for making the detailed construction plan of 1 / 500 of the projects is determined by 65% of the cost for making the detailed planning for urban construction with rate of 1 / 500 in accordance with the current regulations. The above cost for verification of detailed planning design of construction with rate 1 / 500 is determined by the percentage (%) quota as the cost quota of the evaluation of the detailed plan for urban construction with the rate 1 / 500 under current regulations.

Table 2: The cost quota for establishing investment projects

Unit: Percentage (%)

Order	Type of building	Costs for construction and equipments (without VAT) in approved total investment (billions in VND)											
		≥ 15	20	50	100	200	500	1,000	2,000	5,000	10,000	20,000	30,000
1	Civil building	0.655	0.538	0.442	0.314	0.237	0.191	0.164	0.139	0.111	0.089	0.070	0.057
2	Industrial building	0.934	0.794	0.630	0.467	0.368	0.345	0.299	0.242	0.207	0.145	0.104	0.074
3	Traffic work	0.492	0.449	0.358	0.281	0.194	0.150	0.131	0.112	0.089	0.072	0.058	0.047
4	Hydraulic work	0.589	0.536	0.428	0.300	0.226	0.182	0.156	0.134	0.107	0.086	0.069	0.056
5	Technical infrastructure work	0.514	0.467	0.374	0.291	0.200	0.156	0.137	0.117	0.094	0.075	0.060	0.048

Note:

- The cost quota for establishing projects for types of buildings: civil, industrial, traffic, hydraulic and technical infrastructure is applied collectively in accordance with the above table.

- the determination of cost rate to perform the basic presentation and design parts in the cost for establishing the project that contracting parties of the bidding shall perform tasks as agreed.

Table 3: The cost quota for establishing technical-economic reports

Unit: Percentage (%)

Order	Type of building	Costs for construction and equipments (without VAT) in the estimate of the approved economical-technical report (billions in VND)		
		≤ 3	7	< 15
1	Civil building	3.6	3.2	2.8
2	Industrial building	3.7	3.3	2.9
3	Traffic work	2.8	2.1	1.9
4	Hydraulic work	3.4	3.0	2.8
5	Technical infrastructure work	3.2	2.6	2.3

Notes:

- The cost quota for establishing technical-economic reports for types of buildings: civil, industrial, traffic, hydraulic and technical infrastructure ones is applied collectively in accordance with the above table.

- The determination of the proportion of costs to perform the presentation and drawing design in the cost for establishing technical- economic reports performed by contracting parties of the bidding on the decision.

- Total investment of technical- economic reports is the estimate of the building plus other cost items not included in the estimate of the building (such as the cost for compensation and site clearance, if any).

- The cost for establishing technical-economic reports is determined by a quota, but not less than 10,000,000. VND

3.3. Guiding the application of the quota for the design cost

3.3.1. Design cost is determined by the quota announced in this Decision is the cost needed to complete the entire design tasks of the building under current regulations.

3.3.2. Design cost is determined by the quota of percentage (%) (quota published in this Decision) and multiplied by the construction cost (excluding value added tax) in the estimates of the approved building Where the project includes many types of buildings, the cost is determined separately for each building type and calculated by the size of construction costs in the estimates of each approved project.

3.3.3. Design cost calculated according to cost quota published in this Decision are inclusive of 10% of the cost the author's supervision. Design cost is determined as follows:

$C_{tk} = C_{xd} \times N_t \times (k + 0.1)$ (2)

Wherein:

- C_{tk}: Cost for designing the building; unit: value;

- C_{xd}: Cost for construction in the estimate of each building; unit: value;

- N_t: Cost quota for design according to the announcement; unit: percentage (%)

- K: Coefficient to adjust for decreasing the design cost quota;

- 0.1: Cost for the author supervision (10%).

3.3.4. Design costs calculated according to the quota announced in this Decision include the cost for establishing the estimate of the building. Cost for establishing the estimate of the building make up about 12% of design costs.

3.3.5. Costs of hiring consultancy to make another estimate or make a supplement or adjustment to the previous estimate (no fault of consultant contractor) are determined by the estimate or by the percentage (%), but the maximum does not exceed 50 % of the cost for establishing the estimate referred to in point 3.3.4 above.

3.3.6. Quota for designing cost is increased or decreased in the following cases:

3.3.6.1. Adjustment by increasing the design costs:

a) The building to be repaired, renovated, upgraded and expanded:

- Design for repairing, renovating and upgrading:

+ In case where the design does not change the impact resistance structure of the building: k = 1.1.

+ In case where the design changes impact resistance structure of the building or renovation design, upgrading the technological line, supplement of equipment: k = 1.2.

+ In case where the design changes impact resistance structures and the foundation of the building or building items: k = 1.3.

- Design of expansion with intension to connect to the technological line of the existing building: k = 1.15. The other case of design of expansion: k = 1.0.

b) Design of construction of the building at the islands is adjusted with a coefficient k = 1.15.

3.3.6.2. Adjustment by reducing the quota for the design costs:

a) Using the sample designs, typical designs issued by the competent bodies:

- For the first building, the quota is adjusted with coefficient k = 0.36

- From the second building, the quota is adjusted with coefficient k = 0.18.

b) Building design is repeated within a cluster of building or within a project or design reuse:

- For the first building, the quota is not adjusted.

- From the second building, the quota is adjusted with coefficient k = 0.36.

- From the third building: the quota is adjusted with coefficient k = 0.18.

3.3.6.3. When application of the coefficient of adjustment of quota of design for repairing, renovation, upgrading and expansion guided specifically for each project from Section 3.3.10 to section 3.3.14 below, the coefficient of adjustment of the quota for repairing, renovation, upgrading and expansion is not applied by the above instruction.

3.3.7. When being asked a distinct design for leveling the ground of industrial zone projects, tourist resorts, new urban areas, border-gate economic zones, the above cost of ground-leveling design is calculated by 40% of the cost quota for designing the building grade IV of type of traffic works.

3.3.8. The cost quota of the design for construction of the building does not include costs to perform the following tasks:

- Doing survey of construction for the design;

- Putting center and mark of the design of the building into the site;

- Measuring and evaluating the current status of the building for the design for repairing, renovation, upgrading and expansion;

- Making a design for relocating; designing measures for disjoining the building;

- Designing and manufacturing equipment;

- Making the model of the building;

- Making a description of geology during the construction of hydroelectric power and hydraulic works.

- Assessing the environmental impact; making a report on minerals in the affected area of the building;

- Buying intellectual property rights as to the design.

3.3.9. Cost to perform the tasks stated in the above section 3.3.8 is determined in accordance with corresponding guidelines or determined by the cost estimates.

3.3.10. Cost quota for the design of civil building

Table 4: Cost quota of technical design for a civil building that requires 3-stage design

Unit: Percentage (%)

Cost for construction (without VAT) approved estimate for a building (billions in VND)	Grades of buildings				
	Special grade	Grade I	Grade II	Grade III	Grade IV
8,000	0.58	0.53	0.47	0.42	-
5,000	0.75	0.68	0.62	0.55	-
2,000	0.97	0.89	0.80	0.72	-
1,000	1.13	1.03	0.95	0.85	0.61
500	1.40	1.27	1.16	1.04	0.75
200	1.66	1.51	1.37	1.23	0.88
100	1.82	1.64	1.51	1.34	1.04
50	2.00	1.82	1.66	1.48	1.23
20	2.38	2.17	1.96	1.76	1.57
10	2.74	2.48	2.25	2.03	1.80
≤7	-	-	2.36	2.12	1.88

Table 5: The cost quota of the working drawing design of civil building that requires two-stage design

Unit: Percentage (%)

Cost for construction (without VAT) approved estimate for a building (billions in VND)	Grades of buildings				
	Special grade	Grade I	Grade II	Grade III	Grade IV
8,000	0.90	0.82	0.73	0.65	-
5,000	1.16	1.05	0.96	0.86	-
2,000	1.50	1.38	1.24	1.11	-
1,000	1.75	1.59	1.45	1.31	0.95
500	2.17	1.96	1.79	1.62	1.16
200	2.57	2.34	2.10	1.90	1.37
100	2.82	2.54	2.29	2.08	1.62
50	3.10	2.82	2.54	2.29	1.91
20	3.68	3.36	3.01	2.73	2.43
10	4.24	3.84	3.48	3.15	2.78
≤7	-	-	3.63	3.27	2.90

Some details to be taken into consideration when applying the cost quota of civil building design:

1) The cost quota for design of civil buildings is applied generally according to the quota set forth in Table 4 and Table 5 published in this Decision.

2) Cost of civil building design requires three steps includes costs for technical design plus the costs for working drawing design; wherein the cost of technical design is determined according to the quota in the table 4 and the cost for working drawing design is 55% of the cost of technical design.

3) The cost of working drawing design for civil building design that requires two steps is determined according to the quota in Table 5.

4) The cost quota of some civil buildings below and adjusted with the coefficient: + K = 1.2 for buildings with 3 step design, including hotels, national universities; provincial, municipal or national cultural buildings, monuments, memorials; central or international hospitals; houses for sport competition with roofs; State-level offices; national or international convention centers, television towers.

+ The airports, stations do not, air traffic towers, control towers: grade I: K = 1.1; grade II: K = 1.2; grade III: K = 1.34.

3.3.11. The cost quota of industrial building design

Table 6: The cost quota of technical design for industrial buildings that requires three steps
Unit: Percentage (%)

Cost for construction (without VAT) approved estimate for a building (billions in VND)	Grades of buildings				
	Special grade	Grade I	Grade II	Grade III	Grade IV
8,000	0.73	0.61	0.51	0.46	-
5,000	0.95	0.79	0.66	0.59	-
2,000	1.23	1.03	0.86	0.77	-
1,000	1.45	1.21	1.01	0.90	0.67
500	1.66	1.38	1.15	1.01	0.78
200	1.82	1.51	1.26	1.10	0.92
100	2.01	1.67	1.39	1.20	1.08
50	2.21	1.83	1.53	1.32	1.17
20	2.58	2.15	1.79	1.56	1.39
10	2.79	2.33	1.94	1.69	1.50
≤ 7	-	-	1.99	1.73	1.54

Table No. 7: The cost of working drawing design of industrial designs that requires two steps
Unit: Percentage (%)

Cost for construction (without VAT) approved estimate for a building (billions in VND)	Grades of buildings				
	Special grade	Grade I	Grade II	Grade III	Grade IV
8,000	1.16	0.97	0.78	0.72	-
5,000	1.52	1.26	1.02	0.94	-
2,000	1.96	1.64	1.32	1.22	-
1,000	2.32	1.93	1.55	1.44	1.06
500	2.65	2.20	1.77	1.61	1.24
200	2.91	2.41	1.94	1.75	1.46
100	3.21	2.67	2.15	1.92	1.72
50	3.53	2.92	2.35	2.11	1.87
20	4.12	3.44	2.76	2.49	2.21
10	4.67	3.73	2.99	2.69	2.39
≤7	-	-	3.07	2.76	2.45

Some details to be considered when applying the cost quota of industrial building design:

1) The cost quota of industrial building design is applied generally according to the quota in tables 6 and 7 published in this Decision.

2) Cost quota of industrial building design that requires three steps includes costs for technical design plus the costs for working drawing design, wherein the cost of technical design is determined according to the quota in the table 6 and the cost for working drawing design is 60% of the cost of technical design.

3) The cost of working drawing design for industrial building that requires two steps is determined according to the quota in the table 7.

4) The cost for designing buildings belonging to thermal power projects excluding the costs for designing buildings: dams, electricity distribution stations, connection lines and information systems. The cost quota for designing buildings belonging to hydroelectric projects excluding the costs for designing buildings: transformer station, electricity distribution stations, connection lines from the plant to distribution stations, dams, reservoirs, spillways, information systems. Design cost of the above buildings is calculated additionally outside the quota and is applied according to the cost quota of design of hydraulic buildings; transformer stations, transmission lines for electricity, information.

5) The cost quota for designing some following industrial buildings and is adjusted with the coefficients:

- The building for mining coal, ore (including material mine):

+ The open-cast coal or ore mining buildings: grade II: K = 1.2; grade III: K = 1.35; grade IV: K = 1.5.

+ The open-cast coal or ore mining buildings, buildings for classifying coal or ore and ore enrichment buildings: grade I: K = 1.2, grade II: K = 1.45; grade III: K = 1.6; grade IV: K = 1.8.

+ The prescribed cost quota for design of the buildings of coal mining, ore mining by even furnaces. In case of designing buildings for coal mining, ore mining by well furnace (inclined well, vertical wells) is adjusted by the coefficient K = 1.3.

+ The cost quota for designing the buildings of repair and renovation for open-cast coal mining buildings or ore mining buildings is adjusted with coefficient K = 3; for designing coal mining buildings or ore mining buildings in tunnel form is adjusted with coefficient K = 1.5; for buildings for sorting coal or ore is adjusted with the coefficient K = 1.2.

- The thermal power with capacities:

> 2.000MW: K = 0.83

600MW ÷ 2.000MW: K = 0.92

50MW ÷ < 600MW: K = 1.20

5MW÷ <50MW: K = 1.40

- Buildings for hydroelectric power with capacities:

> 1000MW: K = 1.0

300MW ÷ 1.000MW: K = 1.20

30MW ÷ < 300MW: K = 1.44

3MW÷ <30MW: K = 1.59

<3MW: K = 2.1

- The transformer station with voltage grades:

500KV: K = 2.40 of grade I buildings

220KV, 110KV: K = 2.15 of grade II buildings

66KV: K = 2.17 of grade III buildings

6KV ÷ 35 KV: K = 2.57 of grade III buildings

- The overhead power lines:

500KV: K = 0.64 of grade I buildings

110KV ÷ 220KV: K = 0.85 of grade II buildings

6KV ÷ 35KV: K = 1.13 of grade III buildings

0.4 KV: K = 0.8 of grade III buildings

- Cost quota for lines ≥ 2 circuits, double-phase lines is applied according to the quota for overhead power lines with the same voltage grades and is adjusted with the following coefficients: lines ≥ 2 circuit: K = 1.00; phase-divided lines with voltage grades 220KV to 500KV: K = 1.10; lines has many voltage grades of 35kV or higher: K = 1.20.

- For design for improvement, repair and expansion of the transformer station, the design cost quota is calculated as guidelines for new construction buildings and is adjusted with the coefficients: the transformer station with voltage grades 6KV ÷ 110KV: K = 1.50; transformer station has a voltage grade of 220 KV: K = 1.35; transformer station has a voltage of 500KV: K = 1.10.

- The cost quota for designing distribution stations, capacitor stations, metering stations with a voltage grade ≤ 35 kV is applied as the cost quota of the design of the transformer station with voltage grade of 35kV.

- The cost quota for designing offset station with a voltage grade of 500 kV is calculated as the cost quota for designing a 500kV transformer station.

- Closed transformer stations - GIS stations, up to 220 kV voltage grade: adjusted with coefficient K = 1.35 compared with the percentage quota of design costs of conventional transformer station.

- Transformer station as a set –a Compact station, the voltage graded is up to 220 kV: being adjusted with coefficient K = 1.2 compared to the cost quota of design of conventional transformer station.

- When designing span of transmission lines that requires its own design: being adjusted with coefficient K = 1.2 of the portion above the line.

- The cement plant: capacity> 2 million tons/ year K = 1.20; capacity of 1 ÷ 2 million tons / year K = 1.43, capacity <1 million ton per year K = 1.58.

- Chemical buildings:

+ Basic Chemicals, consumer chemicals:

Productivity > 500,000 tons / year: K = 1.20

Productivity 100,000 ÷ 500,000 tons/year: K = 1.43

Productivity <100,000 tons / year: K = 1.6

+ The chemical pharmaceutical buildings and chemical cosmetic buildings:

Productivity: 50,000 ÷ 300,000 tons/year: K = 1.2

Productivity <50,000 tons / year: K = 1.34

+ Chemicals for producing fertilizers: URE, DAP:

Productivity > 1 million tons / year: K = 1.20

Productivity: 500,000 ÷ 1,000,000 tons/year: K = 1.30

Productivity <500,000 tons / year: K = 1.60

- In case of designing the technological line with automatic control systems SCADA, DCS (Distributed Control System, System Control and Data Acquisition) of the chemical buildings: being adjusted with coefficient K = 1.15.

- The petroleum storage:

Grade II buildings: K = 1.20

Grade III buildings: K = 1.30

Grade IV buildings: K = 1.50

The storage of liquefied gases:

Grade I buildings: K = 1.10

Grade II buildings: K = 1.40

Grade III buildings: K = 1.60

6) The cost quota for designing underground cables buildings is applied according to the guidance in the table CN1 below:

Table CN1:

Unit: percentage %

Costs for construction and equipments (billions in VND) Voltage grade	≤ 5	15	25	50	100	200	500
Underground voltage cables < 6KV	1.7	1.40	1.30	1.20	1.10	0.95	0.85
Underground voltage grades 6 ÷ 110KV	1.90	1.60	1.45	1.30	1.20	1.05	0.95
Underground voltage cables 220KV	1.50	1.30	1.15	1.05	0.95	0.85	0.75

7) With respect to the chemical buildings, the buildings for mining coal, ore, cement and other industrial buildings (except for industrial buildings has a separate guidance) with equipment costs ≥ 50% of costs for construction and equipments in the estimate, the cost of design in this case equal to pairs of quota value in percentage % according to construction costs and equipment costs (instructions in the table 6, table 7 and table CN2).

Table CN2:

Unit: Percentage (%)

Order	Buildings	Costs for equipments (billions in VND)								
		≤5	15	25	50	100	200	500	1,000	3.000
1	Chemical buildings	1.10	1.0	0.90	0.85	0.80	0.70	0.60	0.55	0.45
2	Buildings for mining coal or ore (material mine):									
	- Open-air mine	0.95	0.85	0.80	0.75	0.70	0.60	0.55	050	040
	- Shaft mine	1.15	1.0	0.95	0.90	0.80	0.75	0.65	0.60	0.50
3	Cement-producing buildings	-	-	-	1.15	1.10	1.05	1.01	0.96	0.80

8) The cost quota for building of pipelines for petroleum; buildings for repair, aircraft maintenance, information buildings, lighting buildings for airports, is applied according to the quota in tables 6 and 7 of the type of industrial buildings.

9) Cost for designing industrial building for oil refinery is determined by its own estimates.

3.3.12. Cost quota for designing traffic works

Table 8: The cost quota for the technical design of traffic buildings requiring a 3 step design

Unit: Percentage (%)

Cost for construction (without VAT) approved estimate for a building (billions in VND)	Grades of buildings				
	Special grade	Grade I	Grade II	Grade III	Grade IV
8,000	0.44	0.8	0.26	0.21	-
5,000	0.58	0.37	0.34	0.28	0.24
2,000	0.76	0.48	0.44	0.24	0.31
1,000	0.91	0.57	0.52	0.42	0.37
500	1.06	0.67	0.61	0.50	0.43
200	1.145	0.73	0.67	0.61	0.51
100	1.26	0.81	0.73	0.67	0.60
50	1.46	0.87	0.80	0.73	0.66
20	1.67	1.05	0.94	0.85	0.76
10	1.81	1.11	1.01	0.92	0.83
≤ 7	-	-	1.04	0.95	0.85

Table No. 9: The cost quota for designing a working drawing design of traffic buildings requiring two steps design

Unit: Percentage (%)

Cost for construction (without VAT) approved estimate for a building (billions in VND)	Grades of buildings				
	Special grade	Grade I	Grade II	Grade III	Grade IV
8,000	0.73	0.61	0.40	0.32	-
5,000	0.95	0.79	0.52	0.42	0.37
2,000	1.23	1.03	0.67	0.55	0.48
1,000	1.45	1.21	0.79	0.65	0.57
500	1.66	1.38	0.93	0.77	0.66
200	1.82	1.51	1.03	0.92	0.78
100	2.01	1.67	1.12	1.03	0.92
50	2.21	1.83	1.23	1.13	1.01
20	2.58	2.15	1.45	1.31	1.18
10	2.80	2.72	1.56	1.42	1.28
≤ 7	-	-	1.61	1.46	1.31

Some details to be considered when applying the cost quota of traffic building design:

1) The design cost quota of traffic buildings is applied generally according to the quota in tables 8 and 9 published in this Decision.

2) Cost for designing traffic building that requires three steps includes the cost for technical design plus the costs for working drawing design, wherein the cost of technical design is determined according to the quota in table 8 and the cost of design and cost for working drawing design is equal to 55% of the cost of technical design.

3) Cost for working drawing design of a traffic building that requires two-step design is determined according to the quota in table 9.

3) The cost for designing some following traffic buildings is adjusted according to coefficients:

+ Highway tunnels, railway tunnels and tunnels for pedestrians, traffic junctions with different grades: grade I: K = 1.50; grade II: K = 1.65; grade III: K = 1, 86; grade IV: K = 1.95.

+ Building of renovation and repair of railways, railway bridges: K = 1.5. When costs for construction, renovation and repair ≤ 1000 million for the railway bridge and traffic road of railways: K = 3.3.

+ Runways for take-off and land, taxiways, aircraft parking: grade I: K = 1.56; grade II: K = 1.72; grade III: K = 1.82; grade IV: K = 1.95.

3.3.13. The cost quota for hydraulic building design

Table 10: The cost quota of the technical design of the hydraulic building that requires a 3 step design

Unit: Percentage (%)

Cost for construction (without VAT) approved estimate for a building (billions in VND)	Grades of buildings				
	Special grade	Grade I	Grade II	Grade III	Grade IV
8,000	0.57	0.51	0.45	0.40	-
5,000	0.74	0.67	0.58	0.51	0.38
2,000	0.96	0.87	0.76	0.67	0.49
1,000	1.13	1.02	0.91	0.78	0.58
500	1.34	1.21	1.06	0.92	0.67
200	1.57	1.43	1.31	1.08	0.80
100	1.72	1.55	1.42	1.27	0.93
50	1.91	1.73	1.57	1.40	1.10
20	2.25	2.05	1.86	1.67	1.49
10	2.59	2.35	2.13	1.93	1.70
≤ 7	-	-	2.22	2.01	1.77

Table 11: Cost quota for designing working drawing of hydraulic building that requires a two step design

Unit: Percentage (%)

Cost for construction (without VAT) approved estimate for a building (billions in VND)	Grades of buildings				
	Special grade	Grade I	Grade II	Grade III	Grade IV
8,000	0.88	0.79	0.51	0.46	-
5,000	1.14	1.03	0.90	0.79	0.58
2,000	1.48	1.34	1.17	1.03	0.75
1,000	1.75	1.58	1.38	1.21	0.89
500	2.07	1.87	1.62	1.42	1.04
200	2.43	2.21	2.01	1.67	1.23
100	2.66	2.40	2.19	1.96	1.44
50	2.96	2.68	2.41	2.16	1.70
20	3.48	3.17	2.87	2.58	2.31
10	4,01	3.64	3.29	2.98	2.63
≤ 7	-	-	3.42	3.11	2.74

Some details to be considered when applying the cost quota of hydraulic building design:

1) The cost quota for designing hydraulic buildings is applied generally according to the quota in the tables 10 and 11 published in this Decision.

2) The cost of hydraulic building design requires three steps includes costs for technical design plus the costs for working drawing design, wherein the cost of technical design is determined according to the quota in the table 10 and costs of working drawing design is 55% of the cost of technical design.

3) The cost of working drawing design of hydraulic building that requires a two step design is determined according to the quota in the table 11.

4) The cost quota for designing some following hydraulic buildings is adjusted with coefficients:

- Design of renovation, repair and expansion of hydraulic buildings: K = 1.5

- Earthen, stone and concrete dams, flood overflow, drain under dams, pumping stations, plain sewage, retaining walls of head work, hydraulic building: special grade: K = 1.0; grade I: K = 1.1, grade II: K = 1.2; grade III: K = 1.35; grade IV: K = 1.7.

- Design for jet grouting to process foundation and body of hydraulic building of a type, is calculated as the quota value for that type of hydraulic buildings, but based on construction costs of the jet grouting.

- Supporting buildings (at the levels of major buildings) and is adjusted with the coefficient as follow:

+ Diversion channels, cofferdam to keep water: K = 0.8.

+ Tunnels, diversion tunnels: K = 1.1.

3.3.14. The cost quota for designing technical infrastructure work

Table No. 12: The cost of technical design and technical infrastructure work that requires three steps

Unit: Percentage (%)

Cost for construction (without VAT) approved estimate for a building (billions in VND)	Grades of buildings				
	Special grade	Grade I	Grade II	Grade III	Grade IV
8,000	0.42	0.31	0.29	0.27	-
5,000	0.55	0.47	0.44	0.42	0.32
2,000	0.72	0.61	0.57	0.55	0.42
1,000	0.84	0.72	0.67	0.64	0.50
500	0.99	0.85	0.78	0.76	0.58
200	1.18	1.07	0.98	0.84	0.60
100	1.29	1.17	1.06	0.96	0.80
50	1.42	1.31	1.18	1.05	0.88
20	1.69	1.54	1.41	1.26	1.11
10	1.95	1.77	1.61	1.44	1.28
≤ 7	-	-	1.68	1.50	1.34

Table No. 13: The cost quota for designing a working drawing design of technical infrastructure work that requires a two step design

Unit: Percentage (%)

Cost for construction (without VAT) approved estimate for a building (billions in VND)	Grades of buildings				
	Special grade	Grade I	Grade II	Grade III	Grade IV
8,000	0.65	0.56	0.51	0.41	-
5,000	0.85	0.72	0.67	0.64	0.49
2,000	1.11	0.94	0.87	0.84	0.64
1,000	1.30	1.11	1.02	0.99	0.76
500	1.53	1.31	1.21	1.17	0.89
200	1.82	1.65	1.51	1.29	0.92
100	1.99	1.81	1.64	1.48	1.23
50	2.20	2.03	1.81	1.62	1.35
20	2.61	2.38	2.15	1.94	1.72
10	3.02	2.74	2.48	2.23	1.98
≤ 7	-	-	2.58	2.32	2.07

Some details to be considered when applying the cost quota for designing technical infrastructure work:

1) The design cost quota of technical infrastructure is applied generally according to the quota in tables 12 and 13 published in this Decision.

2) The cost for hydraulic building that requires a three step design includes costs for technical design plus the costs for working drawing design, wherein the cost of technical design is determined according to the quota in the table 12 and costs of the working drawing design is 55% of the cost of technical design.

3) The cost of the working drawing design of technical infrastructure work that requires a two step design is determined according to the quota in the table 13.

4) The cost of designing some of the drainage-irrigation works is adjusted with coefficients:

- Water supply works (excluding pipelines): grade II: K = 1.20; grade III: K = 1.40; grade IV: K = 1.55.

- Works for drainage and waste treatment, wastewater (excluding pipeline: grade I: K = 1.15; grade II: K = 1.25; grade III: K = 1.35; grade IV: K = 1.60.

- Pipelines for supply and drainage of water: grade III: K = 1.20; grade IV: K = 1.30.

- Design of water supply pipeline crossing rivers: K = 1.20 of the cross-river portion.

5) The cost quota for designing post and telecommunication buildings is under the guidance in the table HTKT1 below:

Table HTKT1:

Unit: Percentage (%)

Buildings	Costs for construction and equipments (without VAT) in the estimate for the building (billions in VND)							
	≤ 5	10	15	25	50	100	200	500
Buried-directly cables	1.83	1.4	1.3	1.1	0.95	0.8	0.7	0.6
Cables for installing across rivers	1.9	1.5	1.4	1.3	1.1	1.0	0.9	0.7
Buildings for cable duct, cable joint chamber and cable pulling, and suspension cable lines	2.1	1.6	1.5	1.35	1.15	1.05	0.95	0.8

The design cost quota of post and telecommunication works in the table HTKT1 guide for grade-II works, for works at other grades, the application is as follows: special grade: being determined by estimation, grade I: K = 1.10; grade III: K = 0.95; grade IV: K = 0.90.

- The cost quota for designing signal building and installation of electric power or railway information machines, is applied the quota in the table HTKT1. For the case of costs for construction and equipment is ≤ 1 billion VND, the design cost quota is adjusted with coefficient k = 1.3.

6) The cost quota for designing information machines works follows the guidance in the table HTKT2 below:

Table HTKT2:

Unit: Percentage (%)

Buildings	Costs for construction and equipments (without VAT) in the estimate for the building (billions in VND)							
	≤ 5	10	15	25	50	100	200	500

Types of independent switchboard host, satellite	1.00	0.75	0.60	0.50	0.45	0.35	0.25	0.15
Types of switchboard MSC, BSC, subscriber access, sending massage	0.90	0.70	0.55	0.45	0.40	0.30	0.20	0.10
System of optical transmission devices	1.35	0.80	0.60	0.50	0.40	0.30	0.20	0.10
Microwave transmission system	1.70	1.40	1.30	0.80	0.60	0.45	0.30	0.15
Rural telecommunication network	2.80	1.75	1.40	0.90	0.65	0.50	0.35	0.20
Internet, voip, NGN network equipment	1.00	0.75	0.60	0.50	0.40	0.30	0.20	0.10
Grounding lighting protection system (including equipment)	2.15	1.05	0.85	0.65	0.55	0.35	0.25	0.2
Information station of satellite Vsat	1.80	1.30	1.10	0.90	0.70	0.50	0.35	0.20
Equipment of station BTS, CS, card telephone	1.25	0.7	0.50	0.35	0.30	0.25	0.20	0.10

7) The cost quota for designing a building of information machine in the table HTKT2 guide for grade I building, for buildings other than graded I, the application is as follows: grade II: K = 0.95, grade III, IV: K = 0.90.

8) The cost quota for designing a building of information machine of post is guided in the above table HTKT2 is adjusted in the following cases:

- Buildings that use the synchronic equipments, without designing the technological chain, is adjusted with coefficient k = 0.6.

- A building is designed to expand regardless of the expansion with an increase in price or card (except for installation of new stations), is adjusted with coefficient k = 0.4.

- The building repeated in a project or a project, apply the guidance in point 3.3.5.2 of this document. Own work (or stations) repeat from the 11th onwards, adjusted with coefficient k = 0.1.

3.4. Guidance of applying the cost quota to verify the effectiveness and feasibility of investment projects

3.4.1. Cost to verify effectiveness and feasibility of investment projects by the quota of percentage (%) (Quota published in Table 14 of this Decision) and multiplied by the construction cost and equipment costs (no value added tax) in the approved total investment.

3.4.2. In case where verification is required only for the total investment, the cost quota for the verification of total investment determined is 40% of the cost of verifying the effectiveness and feasibility of the corresponding project (quota published in table 14 of this Decision).

Table No. 14: The cost quota for verification of effectiveness and feasibility of investment projects

Unit: Percentage (%)

Order	Type of building	Costs for construction and equipments (without VAT) in approved total investment (billions in VND)											
		≤15	20	50	100	200	500	1,000	2,000	5,000	10,000	20,000	30,000
1	Civil building	0.098	0.081	0.066	0.047	0.035	0.023	0.020	0.017	0.014	0.010	0.008	0.006
2	Industrial building	0.140	0.119	0.095	0.070	0.055	0.041	0.036	0.029	0.025	0.015	0.010	0.007
3	Traffic work	0.074	0.067	0.054	0.042	0.029	0.018	0.016	0.013	0.011	0.007	0.005	0.004
4	Hydraulic work	0.088	0.080	0.064	0.045	0.034	0.022	0.019	0.016	0.013	0.009	0.007	0.005
5	Technical infrastructure work	0.077	0.070	0.056	0.044	0.030	0.019	0.017	0.014	0.012	0.008	0.006	0.004

3.5. Guidance for applying cost quota for verification of technical design for projects with a 3 step design requirements, verification of working drawings for buildings that requires 1 step and 2 step designs

3.5.1. Cost for verifying technical design, for buildings with a 3 step design, verifying working drawing design for buildings with 1 step and 2 step design is determined by the percentage (%) quota (quota published in table 15 of this Decision) and multiplied by the construction cost (without value added tax) within the approved building estimate. Where design work is done according to the bidding package, design verification cost is determined by the quota of percentage (%) (Quota published in table 15 of this Decision) and multiplied by cost for construction without value added tax within the approved package estimates and are adjusted with the coefficient K = 0.9.

3.5.2. Cost for verification of working drawing design for buildings with a 3 step design is determined by 40% of the cost for verifying technical design. Cost for verification technological design (if any) is determined by establishing an estimate.

Table No. 15: The cost quota for verifying technical design for buildings that require a 3 step design; the verification of working drawing design for buildings that require 1 step and 2 step designs

Unit: Percentage (%)

Order	Type of building	Cost for construction (without VAT) in the estimate for the approved building or bidding package estimate (billions in VND)									
		≤ 10	20	50	100	200	500	1,000	2,000	5,000	8,000
1	Civil building	0.206	0.179	0.138	0.106	0.081	0.063	0.051	0.036	0.028	0.024
2	Industrial building	0.238	0.206	0.158	0.121	0.094	0.073	0.055	0.044	0.033	0.028
3	Traffic work	0.136	0.118	0.090	0.069	0.054	0.041	0.031	0.026	0.020	0.017
4	Hydraulic work	0.151	0.130	0.100	0.076	0.060	0.046	0.035	0.029	0.021	0.018
5	Technical infrastructure work	0.158	0.138	0.106	0.081	0.063	0.049	0.038	0.033	0.024	0.021

Notes:

- The cost for verification of building design using typical design or sample design issued by competent agencies is adjusted with coefficient k = 0.36 for second buildings or later.

- Cost for verification of leveling work design is calculated by 40% of the cost quota for verifying the design of grade IV traffic building.

- Cost for verification of a design is determined by the minimum quota but not less than 2,000,000 VND.

3.6. Guidelines for applying cost quota of the verification of the estimate

3.6.1. Cost for verifying an estimate is determined by the quota of percentage (%) (Quota published in table 16 of this Decision) and multiplied by the construction cost (excluding value added tax) in the estimate for the approved building or bidding package estimate. Where equipment costs accounted for ≥ 50% of the value of estimate of building or value of the estimate of the package, the cost for verifying the estimate is adjusted with K = 1.3.

3.6.2. Cost for verifying the adjusted, supplemented or modified estimate or re-evaluation of the estimate (no fault of consultant contractor who verify the estimate) was determined by establishing an estimate.

Table 16: The cost quota for verifying the estimate of a building

Unit: Percentage (%)

Order	Type of building	Cost for construction (without VAT) in the estimate for the approved building or bidding package estimate (billions in VND)									
		≤ 10	20	50	100	200	500	1,000	2,000	5,000	8,000
1	Civil building	0.200	0.175	0.133	0.104	0.078	0.058	0.048	0.035	0.026	0.023
2	Industrial building	0.231	0.200	0.151	0.118	0.090	0.069	0.051	0.041	0.029	0.025
3	Traffic work	0.133	0.114	0.085	0.068	0.051	0.039	0.030	0.025	0.018	0.015
4	Hydraulic work	0.146	0.126	0.095	0.075	0.058	0.044	0.033	0.028	0.020	0.017
5	Technical infrastructure work	0.153	0.133	0.103	0.078	0.059	0.046	0.036	0.030	0.021	0.018

Notes:

- Cost for verifying an estimate of a building using typical design or sample design issued by competent agencies is adjusted with coefficient: k = 0.36 for second buildings or later.

- Cost for verification of a leveling work estimate is calculated by 40% of the cost quota for verifying the estimate of grade IV traffic works.

- Cost for verification of the estimate is determined according to the quota, but at least not less than 2,000,000 VND.

3.7. Guidance for applying of cost quota to set up a bidding document, evaluation of a bid dossier for construction and equipment purchase

3.7.1. Cost for setting up bidding documents, evaluation of bid dossier for construction is calculated by the quota of percentage (%) (Quota published in table 17 of this Decision) and multiplied by the cost of construction (no value added tax) in the approved package estimate.

3.7.2. Cost for setting up bidding documents, evaluation of bid dossiers for procurement of equipment is calculated by the percentage (%) quota (quota published in table 18 of this Decision) and multiplied by the cost of supplies and equipment (no value added tax) within the approved package estimate.

Table 17: The cost quota for establishing bidding documentation, evaluation of bid dossiers for construction

Unit: Percentage (%)

Order	Type of building	Cost for construction (without VAT) in the approved bidding package estimate (billions in VND)									
		≤ 10	20	50	100	200	500	1,000	2,000	5,000	8,000
1	Civil building	0.337	0.270	0.152	0.099	0.059	0.043	0.030	0.026	0.022	0.019
2	Industrial building	0.439	0.303	0.169	0.115	0.074	0.053	0.040	0.034	0.027	0.023
3	Traffic work	0.270	0.185	0.118	0.070	0.045	0.035	0.022	0.019	0.016	0.014
4	Hydraulic work	0.282	0.236	0.130	0.074	0.047	0.037	0.024	0.021	0.018	0.016
5	Technical infrastructure work	0.303	0.254	0.135	0.083	0.049	0.040	0.026	0.022	0.019	0.017

Notes:

- The cost quota for making bidding documentations and evaluation of bid dossiers for construction of works is calculated according to the quota in table 17 and divided as follows:

+ Making the bidding document: 40%

+ Analysis and assessment of the bid dossier: 60%

- In case of pre-qualification, an amount equal to 15% of the cost for making the bidding document and analysis and evaluation of bid dossier is added based on the quota in table 17.

Table 18: The cost quota for making bidding documents, evaluation of bid dossiers for procurement of equipments

Unit: Percentage (%)

Order	Type of building	Costs for equipments (without VAT) in the approved bidding package estimate (billions in VND)									
		≤ 10	20	50	100	200	500	1,000	2,000	5,000	8,000
1	Civil building	0.287	0.270	0.142	0.089	0.079	0.066	0.045	0.035	0.027	0.023
2	Industrial building	0.439	0.395	0.224	0.141	0.122	0.100	0.068	0.054	0.041	0.036
3	Traffic work	0.204	0.179	0.103	0.066	0.058	0.046	0.032	0.026	0.021	0.019
4	Hydraulic work	0.219	0.191	0.110	0.070	0.061	0.049	0.040	0.030	0.024	0.020
5	Technical infrastructure work	0.236	0.203	0.122	0.079	0.068	0.056	0.044	0.034	0.026	0.022

Notes:

- The cost quota for making a bidding document and evaluation of bid dossier for procurement of equipment for buildings is determined according to the quota in table 18 and divided as follows:

+ Making the bidding document: 40%

+ Analysis and assessment of bid dossier: 60%

- In case of pre-qualification, the additional cost equal to 15% of the cost for making bidding document and analysis and evaluation of bid dossier is added based on the quota in table 18.

3.8. Guidance for applying the cost quota for construction supervision and equipment installation supervision

3.8.1. The cost for construction supervision is determined by the percentage (%) quota (quota published in table 19 of this Decision) and multiplied by the construction cost (excluding value added tax) in the approved bid package estimate.

3.8.2. The cost for equipment installation supervision is determined according to the quota of percentage (%) (Quota published in table 20 of this Decision) and multiplied by the equipment cost (no value added tax) in the approved equipment package estimate.

3.8.3. The cost for construction supervision and supervision equipment installation for buildings in islands, border areas and areas with social-economic special difficult conditions under the current regulations is adjusted with coefficient K = 1.2.

3.8.4. The cost for construction supervision and equipment installation supervision is determined by the quota published in this Decision does not include the cost to build offices at the site of the consultant and supervision contractor. The cost for constructing an office at the site in the field of consultancy and supervision contractors is determined according to current regulations.

Table 19: The cost quota for construction supervision

Unit: Percentage (%)

Order	Type of building	Cost for construction (without VAT) in the approved bidding package estimate (billions in VND)									
		≤ 10	20	50	100	200	500	1,000	2,000	5,000	8,000
1	Civil building	2.628	2.282	1.948	1.512	1.267	0.974	0.653	0.589	0.529	0.460
2	Industrial building	2.806	2.510	2.047	1.700	1.314	1.066	0.674	0.607	0.546	0.474
3	Traffic work	2.562	2.160	1.885	1.405	1.043	0.822	0.599	0.539	0.485	0.422
4	Hydraulic work	2.079	1.834	1.660	1.266	0.974	0.779	0.518	0.466	0.419	0.364
5	Technical infrastructure work	2.053	1.805	1.588	1.198	0.936	0.748	0.478	0.431	0.388	0.337

Table 20: The cost quota for equipment installation supervision

Unit: Percentage (%)

Order	Type of building	Costs for equipments (without VAT) in the approved bidding package estimate (billions in VND)									
		≤ 10	20	50	100	200	500	1,000	2,000	5,000	8,000
1	Civil building	0.675	0.572	0.477	0.315	0.250	0.214	0.144	0.130	0.117	0.102
2	Industrial building	0.918	0.804	0.767	0.649	0.402	0.346	0.292	0.262	0.235	0.204
3	Traffic work	0.542	0.464	0.389	0.256	0.214	0.178	0.120	0.108	0.097	0.084
4	Hydraulic work	0.574	0.468	0.416	0.275	0.226	0.190	0.130	0.117	0.105	0.091
5	Technical infrastructure work	0.643	0.552	0.460	0.307	0.246	0.214	0.142	0.127	0.114	0.099