

## Buildings Regulation and Permits Agency

### Engineering Excellence Standards for Engineering Consulting Offices – 2023

#### Engineering Consulting Offices Evaluation

#### Axis 1 (25%): Registration, Qualification, and Practice Requirements

Standard		Weight	
		Percentage 100%	Score out of 25
1	Compliance with meeting annual renewal requirements	25%	6.25
2	Compliance with the continuous application of standards of practice	50%	12.50
3	Maintaining a record free of violations related to the practice of engineering professions	15%	3.75
4	Evaluation of engineering personnel	10%	2.50

#### Axis 2 (40%): Requirements for Design and Obtaining Permits

Standard		Weight	
		Percentage 100%	Score out of 40
1	Compliance with regulations and laws	35%	14
2	Number of applications for a transaction and response to feedback	20%	8



3	Response to feedback	20%	8
4	Efficient application for engineering transactions	20%	8
5	Distinguished projects	5%	2

### Axis 3 (35%): Requirements for Implementation of Projects

Standard		Weight	
		Percentage 100%	Score out of 35
1	Compliance with security and safety requirements on sites	35%	12.25
2	Compliance with building laws and regulations during the periodic inspection process	25%	8.75
3	Compliance with requirements for applications submitted for structural inspection and completion transactions	25%	8.75
5	Maintaining a record free of violations related to construction work	15%	5.25

### Details of Evaluation Categories

Score	Category
90 – 100	★★★★★
80 – 89	★★★★
70 – 79	★★★
60 – 69	★★

## Details of Standards for Evaluating Engineering Consulting Offices

### Details of Axis 1: Registration, Qualification, and Practice Requirements (for consultants) - (25%)

1	Compliance with annual renewal	25% 6.25 out of 25
	<ul style="list-style-type: none"> <li>Renewed</li> </ul>	100%
	<ul style="list-style-type: none"> <li>Partially renewed</li> </ul>	50%
	<ul style="list-style-type: none"> <li>Not renewed</li> </ul>	0%
2	Compliance with the continuous application of standards of practice	50% 12.50 out of 25
	Percentage of compliance with meeting practice standards [headquarters, technical staff, membership of the Society of Engineers]	Self-assessment results from DEQ system
3	Maintaining a record free of violations related to the practice of engineering professions	15% 3.75 out of 25
	<ul style="list-style-type: none"> <li>No violations in practicing the profession</li> </ul>	100%
	<ul style="list-style-type: none"> <li>(1) violation</li> </ul>	75%
	<ul style="list-style-type: none"> <li>(2) violations</li> </ul>	50%
	<ul style="list-style-type: none"> <li>(3) violations</li> </ul>	25%
	<ul style="list-style-type: none"> <li>(4) or more violations</li> </ul>	0
4	Evaluation of engineering personnel	10% 2.50 out of 25

(Total evaluation of engineers on Dubai Building Permits System/number of engineers)	According to the percentage achieved
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## Details of Axis 2: Requirements for Design and Obtaining Permits (for consultants) - (40%)

#	Standards	Description of standard	Suggested Standard Weight (100%)	Standard Calculation Mechanism																																																				
1	Compliance with laws, regulations and circulars	This standard measures the extent to which the consulting office adheres to laws, regulations,	3% 5	It is calculated by identifying the number of remarks made regarding this item for each copy submitted and as an average for all transactions. The consulta	<b>New Building Transactions</b> <table border="1"> <thead> <tr> <th>No. of Remarks</th> <th>Evaluation</th> <th>No. of Remarks</th> <th>Evaluation</th> </tr> </thead> <tbody> <tr> <td>0-1</td> <td>100%</td> <td>10-11</td> <td>50%</td> </tr> <tr> <td>2-3</td> <td>90%</td> <td>12-13</td> <td>40%</td> </tr> <tr> <td>4-5</td> <td>80%</td> <td>14-15</td> <td>30%</td> </tr> <tr> <td>6-7</td> <td>70%</td> <td>16-17</td> <td>20%</td> </tr> <tr> <td>8-9</td> <td>60%</td> <td>18-19</td> <td>10%</td> </tr> <tr> <td colspan="2">More than 20 remarks</td> <td colspan="2">0%</td> </tr> </tbody> </table>				No. of Remarks	Evaluation	No. of Remarks	Evaluation	0-1	100%	10-11	50%	2-3	90%	12-13	40%	4-5	80%	14-15	30%	6-7	70%	16-17	20%	8-9	60%	18-19	10%	More than 20 remarks		0%		<b>Amendments and Additions</b> <table border="1"> <thead> <tr> <th>No. of Remarks</th> <th>Evaluation</th> <th>No. of Remarks</th> <th>Evaluation</th> </tr> </thead> <tbody> <tr> <td>0-1</td> <td>100%</td> <td>10-11</td> <td>50%</td> </tr> <tr> <td>1-2</td> <td>90%</td> <td>12-13</td> <td>40%</td> </tr> <tr> <td>3-4</td> <td>80%</td> <td>14-15</td> <td>30%</td> </tr> </tbody> </table>				No. of Remarks	Evaluation	No. of Remarks	Evaluation	0-1	100%	10-11	50%	1-2	90%	12-13	40%	3-4	80%	14-15	30%
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		repeating the transaction		transactions																									
3	<b>Response to remarks</b>	This standard is concerned with measuring the accuracy of responding to remarks and correcting the same	2% 0	No. of repeated remarks/ total No. of remarks. Repeated remarks can be identified through the electronic system	<table border="1"> <thead> <tr> <th>Percentage of repeated remarks</th> <th>Evaluation</th> <th>Percentage of repeated remarks</th> <th>Evaluation</th> </tr> </thead> <tbody> <tr> <td>None</td> <td>100%</td> <td>60%</td> <td>70%</td> </tr> <tr> <td>20%</td> <td>90%</td> <td>%80</td> <td>%60</td> </tr> <tr> <td>40%</td> <td>80%</td> <td>100%</td> <td>0%</td> </tr> </tbody> </table>	Percentage of repeated remarks	Evaluation	Percentage of repeated remarks	Evaluation	None	100%	60%	70%	20%	90%	%80	%60	40%	80%	100%	0%								
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neering transactions	ency and accuracy of submitting transactions by consultants in terms of clarity of plans and error-free electronic submission	remarks made for this item for each copy submitted and as an average of all transactions. The consultant may accept the remark and discuss it with the auditing engineer and then it may or may not be confirmed.	marks		marks		Remarks		Remarks	
			0-1	100%	10-11	50%	None	100%	9-10	50%
			2-3	90%	12-13	40%	1-2	90%	11-12	40%
			4-5	80%	14-15	30%	3-4	80%	13-14	30%
			6-7	70%	16-17	20%	5-6	70%	14-15	20%
			8-9	60%	18-19	10%	7-8	60%	16-17	10%
			More than 20 remarks		0%	More than 18 remarks		0%		

Standards for Quick Permit Transactions for Villas				
#	Standards	Description	Weight (100%)	Standard Calculation Mechanism



1	<b>Compliance with laws, regulations, and circulars</b>	This standard measures the extent to which the consulting office adheres to laws, regulations, and circulars	%40	It is calculated by evaluating the number of remarks made regarding this item for each copy submitted and as an average for all transactions, with a maximum of 6 remarks.	<table border="1"> <thead> <tr> <th>No. of Remarks</th> <th>Evaluation</th> </tr> </thead> <tbody> <tr> <td>None</td> <td>100%</td> </tr> <tr> <td>1-2</td> <td>90%</td> </tr> <tr> <td>3-4</td> <td>80%</td> </tr> <tr> <td>5-6</td> <td>70%</td> </tr> <tr> <td>More than 6 remarks</td> <td>0%</td> </tr> </tbody> </table>		No. of Remarks	Evaluation	None	100%	1-2	90%	3-4	80%	5-6	70%	More than 6 remarks	0%																		
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2	<b>No. of applications for a transaction</b>	This standard is concerned with measuring the accuracy of responding to feedback without repeating the transaction	40%	The average number of copies within one transaction for each consultant, measured by calculating the total repeated transactions/number of approved transactions	<table border="1"> <thead> <tr> <th>No. of Applications</th> <th>Evaluation</th> <th>No. of Applications</th> <th>Evaluation</th> </tr> </thead> <tbody> <tr> <td>Approval from the first time</td> <td>100%</td> <td>Approval from the sixth time</td> <td>50%</td> </tr> <tr> <td>Approval from the second time</td> <td>90%</td> <td>Approval from the seventh time</td> <td>40%</td> </tr> <tr> <td>Approval from the third time</td> <td>80%</td> <td>Approval from the eighth time</td> <td>30%</td> </tr> <tr> <td>Approval from the fourth time</td> <td>70%</td> <td>Approval from the ninth time</td> <td>20%</td> </tr> <tr> <td>Approval from the fifth time</td> <td>60%</td> <td>Approval from the tenth time</td> <td>10%</td> </tr> <tr> <td colspan="3">More than 10 applications</td> <td>%0</td> </tr> </tbody> </table>				No. of Applications	Evaluation	No. of Applications	Evaluation	Approval from the first time	100%	Approval from the sixth time	50%	Approval from the second time	90%	Approval from the seventh time	40%	Approval from the third time	80%	Approval from the eighth time	30%	Approval from the fourth time	70%	Approval from the ninth time	20%	Approval from the fifth time	60%	Approval from the tenth time	10%	More than 10 applications			%0
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<b>transacti ons</b>	accuracy of submittin g transacti ons by consultan ts in terms of clarity of plans and error- free electronic submissi on	submitted and as an average of all transactions, with a maximum of 6 remarks.	5-6	70%
			More than 6 remarks	0%

## Details of Axis 2: Requirements for Design and Obtaining Permits for consultants (Distinguished Projects)

	Standards	Description	Weight (100%)	Evaluation Standards	Standard Calculation	
5	Distinguished Projects	This standard is concerned with projects that represent architectural and planning value and include distinctive ideas that show many architectural and technical capabilities in construction.	5%	<ul style="list-style-type: none"> <li>Using 3D printing technology in construction</li> </ul>	If there is a distinctive project during the year, the office shall receive a rating of 5%, which is considered one of the	If there is no distinguished office shall not re
<ul style="list-style-type: none"> <li>Using BIM modeling system in design</li> </ul>						
<ul style="list-style-type: none"> <li>Projects that represent major tourist attractions for the Emirate, whether through architectural designs or</li> </ul>						



			creative design ideas (3 architects must approve the same)	<b>basic evaluation standards</b>	
			<ul style="list-style-type: none"> <li>Projects that achieve energy self-sufficiency</li> </ul>		
			<ul style="list-style-type: none"> <li>Projects that meet the requirements for Platinum Sa'fa</li> </ul>		
			<ul style="list-style-type: none"> <li>Smart buildings</li> </ul>		
			<ul style="list-style-type: none"> <li>Projects that meet requirements for circular economy in terms of design and implementation</li> </ul>		

**Note:** An option will be added for the consultant to determine whether or not the project is distinguished. If the project is selected, all documents proving the same will be submitted to be examined by a specialized committee.

### Details of Axis 3: Requirements for Implementation of Projects (for Consultants) - (35%)

#	Standards	Standard Description	Standard Weight (100%)	Equation Description
1	<b>Compliance with security and safety</b>	It is the standard that shows the extent of compliance with security	35%	$\text{Equation} = 100 - \{(A * F1) + (B * FF) + (D * FD)\}$ <p>A: Total No. of injuries</p>



	<p><b>requirements on sites</b></p>	<p>and safety requirements on construction sites through monitoring construction accidents resulting due to the absence of the project consultant's role with regard to effective engineering supervision and failure to give any instructions to the contractor to rectify faults, in addition to failure to adhere to the rules and requirements of security and safety on construction sites, the matter which leads to accidents.</p>		<p>F1: Reduction Factor for injury B: Total No. of Fatalities FF: Reduction Factor for fatality D: No. of accidents with Damage FD: Reduction Factor for Damage (minor/ moderate/ Major)</p>
2	<p><b>Compliance with building laws and regulations during the periodic inspection process</b></p>	<p>It is the standard related to the extent to which consulting offices adhere to building regulations, laws, and legislation on construction sites during the periodic inspection process carried out by the Municipality's engineers. They monitor cases of non-compliance on construction sites and consultants' failure to</p>	25%	<p><b>Equation = 100 – {(Total No. of Violations * Reduction Factor) + (Total No. of Fines * Reduction Factor)}</b> <b>Equation = 100 – {(A * F1) + (B * F2)}</b> A. Total No. of violations F1: Reduction Factor per one violation B: Total No. of fines F2: Reduction Factor per one fine</p>



		<p>comply with regulations, laws, and legislation related to construction. They also monitor the number of fines approved due to non-compliance by the consultant with the directions and period granted to it by the municipal engineer to correct violations.</p>		
3	<p><b>Maintaining a record free of violations related to construction work</b></p>	<p>It is the standard related to identifying technical defects in buildings under construction and existing buildings during the warranty period through examining technical complaints related to projects that are under construction and completed, submitted against the consultant, and verified by conducting a site visit by municipal engineers. Municipal engineers shall check if there are technical errors, poor implementation, or lack of conformity of the</p>	15%	<p><b>Equation = 100 – {DF * RF * No. of disputes}</b></p> <p>DF: Dispute Reduction Factor based on the severity of dispute</p> <p>RF: Response Factor</p> <p>Refer to Dispute Matrix as attach. #3</p>

		executed works to the approved plans.		
4	<b>Compliance with the requirements for application for a structural inspection and completion transaction</b>	It is the standard related to the extent of compliance with the requirements for submitting a structural inspection transaction through monitoring the number of times a request for the structural inspection service is submitted and monitoring the number of rejection times, which reflects the ability and role of the contractor in following up on the duties and tasks assigned to it.	<b>25%</b>	Equation = [1-(rejected structural inspection applications/submitted structural inspection applications)] * 100%

### Owner's Opinion Standard

- A standard that is concerned with involving "Project Owners" in the evaluation process. It appears separately in the form of a review through the smart application (DBPS), without being counted among the scores of engineering excellence.
- A one-time electronic questionnaire for owners conducted at the end of the evaluation period.

Evaluation Item	Satisfied	Dissatisfied
▪ Your satisfaction with the Project Consultant		

"This is a technical translation, in case of ambiguity Arabic version will prevail "