



Engineering Excellence Awards Definitions of Rating Guidelines

<i>RATING GUIDELINES DEFINITIONS</i>	<i>WEIGHT</i>
<p><i>Uniqueness and/or Innovative Application of New or Existing Techniques:</i></p> <ul style="list-style-type: none"> • Does the entry demonstrate the use of a new science or a breakthrough in the general knowledge of engineering? • Does the entry represent a unique application of new or existing technology, techniques, materials or equipment? 	<i>20%</i>
<p><i>Future Value to the Engineering Profession and Perception by the Public:</i></p> <ul style="list-style-type: none"> • Will the entry redefine current engineering thinking? • Does the entry advance a positive public image of engineering excellence? 	<i>20%</i>
<p><i>Social, Economic and Sustainable Design Considerations:</i></p> <ul style="list-style-type: none"> ▪ Do the solutions identified produce secondary benefits of value to the community environment? ▪ Does the entrant's approach provide society with social, economic, or sustainable development benefits? ▪ Does the entrant's contribution to the project improve the health, safety, or welfare of the public or affected environment? 	<i>20%</i>
<p><i>Complexity:</i></p> <ul style="list-style-type: none"> • Did the entry successfully address very complex criteria or unique problems? • Were extraordinary problems of site, location, hazardous conditions, project requirements or similar elements present? • Did the entry require the use of out-of-the-ordinary technology or ingenuity for achievement of the project's goal? 	<i>20%</i>
<p><i>Successful Fulfillment of Client/Owner Needs:</i></p> <ul style="list-style-type: none"> • Did the engineer or entrant successfully engage the client/owner in the overall project development process? • Was it an economical and cost-effective solution? • How did the final cost relate to original budget estimate? • How closely does the entrant's solution meet the total goals of the client/owner? • Did the entrant meet the client's time schedule? 	<i>20%</i>

RATING THE PROJECT PANEL (Scale 1-10)

The Best Panel award should be judged on how the panel promotes communication of engineering excellence by creating displays that are both visually exciting and stimulating, while using a minimum of text, as well as promoting the achievement of the engineering profession.