

Project Awards

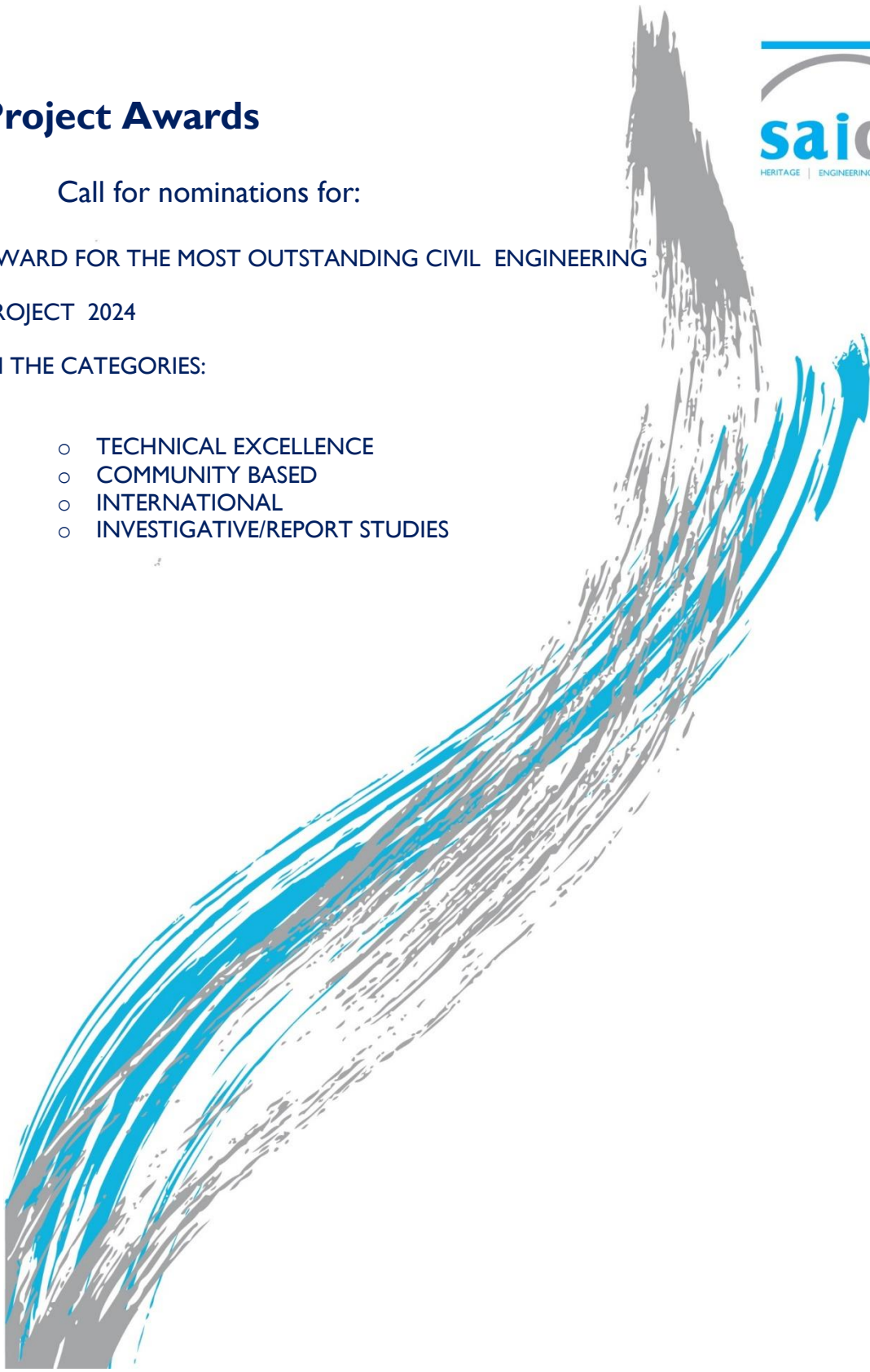


I Call for nominations for:

AWARD FOR THE MOST OUTSTANDING CIVIL ENGINEERING
PROJECT 2024

IN THE CATEGORIES:

- TECHNICAL EXCELLENCE
- COMMUNITY BASED
- INTERNATIONAL
- INVESTIGATIVE/REPORT STUDIES



Date: 14 January 2024

TO: BRANCHES AND COMPANIES (CONSULTANTS/CONTRACTOR & CLIENTS)

Call for nominations for the AWARD FOR THE MOST OUTSTANDING CIVIL ENGINEERING PROJECT of the year 2024

The aims of the Awards for the Most Outstanding Civil Engineering Project for the year are:

- To give recognition to well-engineered civil engineering projects
- To portray the art and science of civil engineering to the general public
- To publicise how the profession found answers to challenging civil engineering problems by making these civil engineering awards to projects done by South African companies

There will be awards in the four categories with sub categories in one category ie five Awards

- MOST OUTSTANDING TECHNICAL EXCELLENCE PROJECT OF THE YEAR in the sub categories Civil and Structural/Building engineering.
- MOST OUTSTANDING COMMUNITY-BASED PROJECT OF THE YEAR
- MOST OUTSTANDING INTERNATIONAL PROJECT OF THE YEAR
- MOST OUTSTANDING INVESTIGATIVE/REPORT STUDIES

CRITERIA: GENERAL

The project entries for Technical Excellence and Community Based projects must be submitted in the same geographical region where it is located.

International Projects should be situated in any country outside South Africa's boundaries, but most of the engineering work must have been carried out in South Africa.

In the case of mega projects only sections designed by South African organizations should be submitted.

Investigative projects may in any region/branch or outside South Africa's boundaries but the work must have been carried out SAICE members in South Africa.

Nominators are referred to Section 3 - Guidelines and Criteria for Institutional Awards for further information

NOMINATION PROCEDURE:

Projects in all categories must be submitted to SAICE using the online web-based forms in the prescribed format by the advertised closing date.

Further detail is given in Section 3 - Guidelines and Criteria for Institutional Awards.

ADJUDICATION PROCEDURE:

Further information is given in Section 3 - Guidelines and Criteria for Institutional Awards

Nominations for these awards will close on 21 June 2024

2 SUMMARIES OF AWARDS

Award	Awarded at Function	Responsibility	Due Date
Project Awards (The Most Outstanding Civil Engineering Achievement in 4 Categories)	Awards Function	<ol style="list-style-type: none"> 1. Call on Council, Executive Board, Branches and members to make their nominations Awards. 2. Adjudication panel select the winning projects. NO prepares certificates, videos etc 3. The President awards at the function. 	End February to May June/early July End July/August September

3 GUIDELINES FOR INSTITUTIONAL AWARDS



Published by the **South African Institution of Civil Engineering (SAICE)**
(PROJECT AWARDS AMENDED January 2024)



3.1 **Project Awards**

3.1.1 The premier project award is for “The Most Outstanding Civil Engineering Project” in four categories

- The Award for the Most Outstanding Civil Project (Technical Excellence) in sub categories Civil and Structural/building works.
- The Award for the Most Outstanding Civil Project (Community-based projects)
- The Award for the Most Outstanding Civil Project (International projects)
- The Award for the Most Outstanding Investigative or Planning Report/Study.

Awards in a specific category will not be made if appropriate eligible nominations are not received.

4 **CONTROL**

All matters pertaining to Institution awards are under the control of the Events Committee and Judging Panel.,

5 **ADJUDICATION**

The nominations for each award should be considered by the appropriate person, panel or committee.

6 **PRESENTATIONS OF AWARDS**

To gain the maximum benefit from making awards, careful consideration should be given to the presentation of awards. Some awards are of interest to a wide spectrum of people, while others are only of importance within the Institution. This distinction is the main criterion for determining the method of presentation. Different occasions present opportunities for handing over awards and should be used as follows for Institutional awards:

6.1 **National Awards Function**

The National Awards Function will take place in September of the year when the premier awards with public interest will be presented in the presence of an invited audience of public figures and members of the Institution. The awards most suitable for presentation at this function are:

- The Awards for the Most Outstanding Civil Engineering Projects in the four categories listed above.
- Institutional (People) Awards (Separate Call for Nominations)

7 **Awards for The Most Outstanding Civil Engineering Projects**

7.1 **National Awards** for the Most Outstanding Civil Engineering Project in Technical Excellence, Community Based, International and Investigative/Study report categories

8 **Objective**

The objective is:

- to give recognition to well-engineered civil projects
- to portray the art and science of civil engineering to the general public
- and to publicise how the profession finds answers to challenging problems by making an annual award to the most outstanding civil engineering project, in the geographic area of South Africa and Internationally.

For the National Most Outstanding Civil Engineering Project, there will be five awards:

- for the project which best portrays the art and science of (a) **civil engineering** and (b) **structural/building** in terms of technical excellence; and
- for the **community-based** project which best illustrates the benefits which civil engineering brings to society.
- for **International** projects a technical excellence award will be made.
- an award for an outstanding **Investigative** Study or report will be made

9 Criteria

9.1 General:

The project will satisfy all or most of the following criteria:

- It should portray the art and science of civil engineering or structural/building engineering to the general public and indicate how the profession finds answers to challenging demands.
- It should be predominantly civil engineering or structural/building in character.
- It need not necessarily be complete in all aspects, but the major engineering problems must have been overcome before the end of the year under review.
- Investigative or study reports **MUST** be complete.
- The project should have current public appeal.
- Awards can be made to any size of project. Projects which are unique or unusual, where the solution to a problem displays engineering ingenuity in analysis or design or has aesthetic appeal, where the handling of environmental impact and/or community involvement is particularly successful, or projects which mark some notable advance or innovation in construction techniques are eligible.
- Project must have been engineered in South Africa
- Functional efficiency, economy and contribution to the service of mankind by the civil engineer must be demonstrated in the project.
- The project must be located within the Branch boundaries that it is entered in . International entries must be located outside the South African borders. Investigative/study reports may be anywhere.
- A mainly civil engineering project would be for example a road project with a bridge and culverts or a pipeline with a pumpstation, A mainly structural or building project would be a building with a parking area or a large stand alone bridge or reservoir

9.2 Technical Excellence:

- The project should have unique or unusual features and should demonstrate some notable advance in the solution of engineering problems.
- It should have aesthetic appeal.
- It should display engineering ingenuity in analysis or design and/or in construction technique.
- The project should show functional efficiency.
- The handling of impacts on the environment should be particularly successful.
- The project should have been well managed, finishing on time and within budget. Should this not be the case adequate motivation or justification for the deviations must be provided.

9.3 **Community-based:**

- The project should exemplify the benefits of Civil Engineering to society at large.
- It should involve effective and successful co-operation between the Civil Engineer, the community served by the project and other interested and affected parties such as, the local authorities, non-government organisations and the labour force.
- Both the natural and social environments should have been successfully addressed by the project.
- The project should create short and long term work opportunities in the community and be significantly labour based and local supplier orientated.
- The project should show functional efficiency.
- The handling of impacts on the environment should be particularly successful.
- The project should have been well managed, finishing on time and within budget. Should this not be the case adequate motivation or justification for the deviations must be provided.

9.4 **International**

- The project should have unique or unusual features and should demonstrate some notable advance in the solution of engineering problems
- It should have aesthetic appeal
- It should display engineering ingenuity in analysis or design and/or in construction technique. It should have been significantly engineered in South Africa
- The project should show functional efficiency
- The handling of impacts on the environment should be particularly successful.
- The project should have been well managed, finishing on time and within budget. Should this not be the case adequate motivation or justification for the deviations must be provided

9.5 **Investigative Report or Planning Study.**

The project may be a complete planning study or an exercise in community initiative and involvement and should be innovative, comprehensive and have been completed in the year under review.

Typically, such studies would include (but are not limited to)

- Major traffic/transportation studies
- Water or other resource studies
- Design or guideline manuals for engineering services
- Planning/feasibility reports for major projects that would be constructed in phases in future years.

Typically, such entries should

- Indicate new or ingenious methods used.
- Excellent solutions, proposals and conclusions.
- Serve a purpose, provide answers to a problem, simplify procedures.
- Add to the civil engineering body of knowledge.
- Be civil engineering related in the broad sense.
- Show the financial benefits to client and society.
- Indicate societal or community benefits.
- Mention all relevant or related parties.

Documents should be well structured, formatted and presented.

10 Nature of the awards

The Award shall be made to the project itself and not to individuals, firms or organisations involved.

The National Award has been made annually since 1966 (in each case in respect of the previous year). It takes the form of a certificate to those involved. e.g., owner, contractor and consultant.

SAICE no longer provides plaques as these are generally vandalized or stolen. Should the winning team require a plaques/s these may be purchased from SAICE at cost based on a quote from the manufacturer.

11 Nomination procedure

11.1 National Awards

- Nominations for the National Awards in each of the two categories, Technical Excellence (2 sub categories) and Community Based, will comprise all entries received as submitted online for National Awards.
- International Project entries shall also be submitted online and will be judged for National Awards.
- Investigative/Study projects will be adjudicated for a National Award.

12 Adjudication procedure

12.1 National Awards:

Adjudication will be by a nominated panel of at least 5 and no more than 8 members, under the Chairmanship of the Chair of the Events Committee or a person nominated by the Events Committee.

The adjudication will be carried out based on the material submitted. The judges will select a winner and up to two runners up in each category. The finalist projects will be showcased at the National Awards Function where the winners of the respective National Awards for the Most Outstanding Civil Engineering Project in the five categories/subcategories will be announced in September each year

Projects, which have previously received the National Award, is listed in The General Awards document.

13 Presentation procedure

13.1 National Awards:

The features of the best projects will be exhibited in an audio-visual presentation at the National Awards function. The function will be a Hybrid (i.e., live and live streaming)

The Award winners will then be announced, and the certificates will be presented to representatives of the client, the consultant and the contractor at the Awards ceremony.

14 **Basic Entry Form requirements**

The following paragraphs give an indication of the type of data/information that the online submission will require.

SOUTH AFRICAN INSTITUTION OF CIVIL ENGINEERING SUBMISSION FOR NATIONAL AWARDS FOR EXCELLENCE IN CIVIL ENGINEERING

SUBMISSION CONTENTS: *(Applies to both sub categories)*

- The online entry system will require the following inputs:
- Online entry form which requires salient information about the nominated project (Team members, location, value etc)
- An authorization by client to allow submission of project. A certification of completion time and costs by client.
- An A4 MS Word document/s (aaa.doc file) using the proforma document of not more than 2 000 to 3 000 words which should consist of:
 - A summary paragraph stating why, in the opinion of the entrant, the project merits the award
 - A description of the purpose of the project, the approach to the design and relevant general features
 - Summary of program, budget, environmental and OHS aspects of the project as per proforma.
 - A brief statement of any unusual features, which may be helpful to the judges
 - A summary of the motivation, which ties up with the photographs describing each phase of the project. The summary will include client details, budget, and a short summary of the project describing its use
- Five (5) to ten (10) electronic (digital) photographs (300dpi (1Mb) or more) in colour, of the entry showing it in its environment. In the case of an investigative study/report document maps, diagrams tables should be submitted under this heading.
- A maximum of eight (8) drawings or illustrations in PDF format relating to the entry.

Conditions of Entry, Ownership and Publication

- Submissions must be submitted electronically
- The project should have been substantially completed the previous year.
- The project shall have been substantially engineered in South Africa. In the case of international projects, it is essential that engineering is carried out in South Africa. In the case of mega projects only sections designed by South African organizations must be nominated.
- Entries shall be nominated and supported by current SAICE members in good standing.
- All material submitted with the entries shall become the property of the South African Institution of Civil Engineering and may be used in any form by the Institution without payment of fees or royalties, or prior approval.
- The entrant shall ensure the correctness of the information supplied.
- The Institution and its agents may edit the material submitted as they see fit to suit the presentation in a form suitable for public exhibition at an awards or other function

Conditions of the Award

- Judgement will be made on the entry submitted.
- The decision of the judges shall be final.
- The judges may at their sole discretion make the awards.

15 GUIDELINE SCORING CRITERIA TO BE USED BY JUDGES

15.1 NATIONAL AWARD FOR THE MOST OUTSTANDING CIVIL ENGINEERING PROJECT - TECHNICAL EXCELLENCE

Criteria					
TECHNICAL EXCELLENCE THE ADJUDICATION CRITERIA WILL BE AS FOLLOWS:		Indicators	Worst score	Best score	Weighting Factor
1. Notable advance in the application of new or existing methods of planning, analysis, design, construction or project management?	50				
Does the project show innovative techniques in planning and/or construction ?	10	Innovative use of existing techniques or new techniques in planning or constructing project.	If the project only shows very rudimentary or ordinary engineering skills being used (1)	If the project shows good use of engineering skills and techniques across entire scope from planning to construction (10)	1,0
Does the project show ingenuity in analysis and/or design.	10	Ingenious use of methods of analysis or design	If only standard "text book" analysis and design is indicated (1)	If submission shows ingenious or clever use of standard methods or use of new techniques (10)	1,0
Does the project exhibit aesthetic appeal?	10	Wow factor - looks good- fits in with surroundings.	If the project has a standard off the shelf look (1)	If the project looks appealing or different but fits with surroundings (10)	1,0
Does the project have any noteworthy special features or aspects?	10	Item that does something well or efficiently or differently.	If the project is very standard or common then (1)	If there are any special items whether hidden or visible (10)	1,0
Have any fast track or time saving methods been used in design or construction phases?	10	materials or methods or processes that save time and optimise use of resources.	If conventional methods have been used or no mention made of fast track of time saving methods (1)	If special techniques have been used and specific note made of such (10)	1,0
2. Portrays the art and science of civil engineering?	30				
Have any new materials or innovative use of conventional materials been used on project?	10	Water pipes might be used as vertical permanent shutters for a wall or a new type of plastic material might be used as a road surfacing material.	If conventional materials have been used in expected manner and no new materials (0)	If new materials have been used or standard materials in a new way (10)	1,0
Is a significant component of the project civil engineering in nature?	10	A large single storey building might have little or no real structural or civil engineering input whereas a multistorey building would have significant structural input as well as drainage.	If only a small part of project is civil Eng in nature then (1)	If at least 80% of project (size) are civil engineering then (10)	1,0
Does the project solve a human need or environmental challenge?	10	A retention pond might solve an environmental problem whereas a swimming pool might solve a human need.	If the project does not solve a human or environmental challenge the (0)	If the project addresses a major human or environmental challenge the (10)	1,0
3. Functional efficiency?	30				
Is the project useful(does it serve a purpose)	10	Project does what it is supposed to do.	Is the project a white elephant(0)	Does it serve a real purpose or a need of society? (10)	1,0
Does it work or operate as it should?	10	Project works as it is supposed to	If it doesn't work (0)	If it has been commissioned for several months (10)	1,0
Does it fulfill more than 1 function?	10	e.g. a sports field - can it be used by more than 1 sporting code.	If it can only be used for its intended function(4)	If it can be used for more than 1 function (10)	1,0
4. Well managed and completed on time?	40				
Was planning and design phase completed timeously?	10	Project must have been completed on time with valid reasons extensions of time.	If this phase took more than 5% longer than planned (0)	If less than 5% (10)	0,4
Was tender/procurement phase completed on time?	10	Procurement phase must be completed on time.	If this phase took more than 5% longer than planned (0)	If less than 5% (10)	0,4
Was Construction and commissioning completed timeously	10	Construction and commissioning must be completed according to program with valid reasons for time extension.	If this phase took more than 5% longer than planned (0)	If less than 5% (10)	0,4
Was project completed on budget?	10	Budget should be adhered to, additional cost due to poor planning/design not acceptable.	If the project cost was more than 25% over budget (0)	If the project was less than 5% over budget or under budget (10)	0,8
5. Environmental/community impacts and health and safety well managed?	20				
Has submission dealt with Environmental matters	10	Submission must describe any environmental challenges and or mitigating factors.	If the submission makes no mention of environmental matters (0)	If the submission deals comprehensively with environmental matters. (10)	1,0
Has submission dealt with site health and safety matters.	10	Submission must describe onsite health and safety matters.	If the submission makes no mention of health and safety matters (0)	If the submission deals comprehensively with health and safety matters (10)	0,8
6. Public Relations value	20				
Will the submission increase visibility of Civil Engineering	10	Project increases awareness of civil engineering within the community.	If the submission has little or no appeal (0)		1,0
Will submission raise the profile of Civil Engineering	10	Does it highlight civil engineering in general.	If the submission does not stand out as being recognisable as a CE project (0)	If the submission say WOW I represent the best of Civil Engineering. (10)	1,0
7. Conforming to submission criteria	60				
Have the nominator, Supporters names and information been properly completed	10	All names and personal information must be supplied	If any one incomplete (0)	If fully and correctly completed (10)	0,2
Have the main parties been properly completed (Client, Consultant, Contractor)	10	All parties to the project must be supplied	If any one incomplete (0)	If fully and correctly completed (10)	0,2
Has a properly worded and signed authorization and information document from client been included.	10	An authorization from a duly authorized client representative is required.	If not 0 and ask nominator to provide within 3 days. Otherwise reject nomination	If proper document included 10	0,4
How nominee project fulfils criteria (1500 to 2000 word MS Word document with no embedded photos or logos)	10	Document must comply with word count and format requirements.	If document exceeds or is lower that required word count by more than 100 words (0)	If document is within range and contains no logo or photo (10)	1,2
Have suitable photos been included	10	Photos must showcase the project and must be suitable for publication in the SAICE magazine.	If 2 or less photos included or photos don't portray the project (0)	If 5 or more photos and they correctly portray the project (10)	0,6
Have appropriate drawings (pdf) been included.	10	Drawings must showcase overall project and any special or different features. Must be of correct format.	If 2 or less drawings included or they don't adequately portray the project scope. (0)	If 5 or more drawings included that portray scope of project. (10)	0,6
TOTAL	250				

15.2 NATIONAL AWARD FOR THE MOST OUTSTANDING CIVIL ENGINEERING PROJECT - COMMUNITY-BASED PROJECTS

Criteria					
		Indicators	Worst score	Best score	Weighting Factor
1. Community cooperation and participation during planning or execution of the project?	40				
Was the community consulted prior to project execution?	10	Community meetings held.	If no indication of community participation then (0)	If meetings were held in appropriate number for size of project and community then (10)	1
Was the the community involved in the planning of the project?	10	Community participation in planning	If no indication of community participation then (0)	If meetings were held in appropriate number for size of project and community then (10)	1
Was the community involved in construction aspects.?	10	Community involved in construction or other implementation	If no involvement at all (00)	If at least 90 % of labour from local community the (100)	2
Were plant and materials locally sourced?	10	Local suppliers	If all plant and materials imported (0)	If all materials and plant except specialist materials and plant were locally sourced (10)	1
2. Sustainable benefit to the community after project completion?	30				
Does project create long term employment for area?	10	Jobs created to manage and maintain the project.	If no job creation indicated in submission then (0)	If jobs sufficient for the maintenance of the project are indicated as having been created then (10)	1
Does the project provide a solution to a long term problem?	10	Has the project solved an old problem for the community.	If no indication of problem stated then (0)	If submission indicates that a longterm problem has been solved then (10)	1
Does the project provide a low cost or cost effective solution.	10	Project should be cost effective for the level of service required in the situation.	If no indication given of being cost effective then (0)	If submission show project is cost effective or low cost then (10)	1
3. Skills development or technology transfer?	20				
Does the project provide learning and upskilling opportunities	10	Some form of learning and upskilling must be provided.	If no indication of any training indicated then (0)	If definite upskilling and learning appropriate to size and nature of project is indicated then (10)	1
Does the project introduce appropriate technology into the community?	10	Generally simple (not hitech) technology is suited to such community projects.	If no indication of technology or techniques given then (0)	If technology used is appropriate (no too hitech) then (10)	1
4. Demonstrates civil engineering's contribution to the welfare of mankind?	20				
Are there tangible benefits in terms of health and welfare to the community?	10	Noticeable benefits must be indicated.	If there is little benefit to community then (0)	If there is benefit such as clean water then (10)	1
Is life easier for the community after completion of the project?	10	Shorter and safer access and proximity of a service should be indicated.	If life is not easier then (0)	-10	1
5. Well managed and completed on time?	40				
Was planning and design phase completed timeously?	10	Project must have been completed on time with valid reasons extensions of time.	If this phase took more than 5% longer than planned (0/2)	If less than 5% (10)	0,6
Was tender/procurement phase completed on time?	10	Procurement phase must be completed on time.	If this phase took more than 5% longer than planned (0/2)	If less than 5% (10)	0,6
Was Construction and commissioning completed timeously	10	Construction and commissioning must be completed according to program with valid reasons for time extension.	If this phase took more than 5% longer than planned (0/2)	If less than 5% (10)	0,6
Was project completed on budget?	10	Budget should be adhered to, additional cost due to poor planning/design not acceptable.	If the project cost was more than 25% over budget (0)	If the project was less than 5% over budget or under budget (10)	1,2
6. Public Relations value	20				
Will the submission increase visibility of Civil Engineering	10	Project increases awareness of civil engineering within the community.	If the submission has little or no appeal (0)		1
Will submission raise the profile of Civil Engineering	10	Does it highlight civil engineering in general.	If the submission does not stand out as being recognisable as a CE project (0)	If the submission say WOW I represent the best of CE. (10)	1
7. Conforming to submission criteria	60				
Have the nominator, Supporters names and information been properly completed	10	All names and personal information must be supplied	If any one incomplete (0)	If fully and correctly completed (10)	0,2
Have the main parties been properly completed (Client, Consultant, Contractor)	10	All parties to the project must be supplied	If any one incomplete (0)	If fully and correctly completed (10)	0,2
Has a properly worded and signed authorization and information document from client been included.	10	An authorization from a duly authorized client representative is required.	If not (0) and ask nominator to provide within 3 days. Otherwise reject nomination	If proper document included (10)	0,4
How nominee project fulfils criteria (1500 to 2000 word MS Word document with no embedded photos or logos)	10	Document must comply with word count and format requirements.	If document exceeds or is lower that required word count by more than 100 words (0)	If document is within range and contains no logo or photo (10)	1
Have suitable photos been included	10	Photos must showcase the project and must be suitable for publication in the SAICF magazine.	If 2 or less photos included or photos don't portray the project (0)	If 3 or more photos and they correctly portray the project (10)	0,6
Have appropriate drawings (pdf) been included.	10	Drawings must showcase overall project and any special or different features. Must be of correct format.	If 2 or less drawings included or they don't adequately portray the project scope. (0)	If 3 or more drawings included that portray scope of project. (10)	0,6
TOTAL					
		230			

15.3 NATIONAL AWARD FOR THE MOST OUTSTANDING CIVIL ENGINEERING PROJECT - INTERNATIONAL PROJECTS

Criteria					
TECHNICAL EXCELLENCE THE ADJUDICATION CRITERIA WILL BE AS FOLLOWS:					
		Indicators	Worst score	Best score	Weighting Factor
1. Notable advance in the application of new or existing methods of planning, analysis, design, construction or project management?	50				
Does the project show innovative techniques in planning and/or construction ?	10	Innovative use of existing techniques or new techniques in planning or constructing project.	If the project only shows very rudimentary or ordinary engineering skills being used (1)	If the project shows good use of engineering skills and techniques across entire scope from planning to construction (10).	1,0
Does the project show ingenuity in analysis and/or design.	10	Ingenious use of methods of analysis or design	If only standard "text book" analysis and design is indicated (1)	If submission shows ingenious or clever use of standard methods or use of new techniques (10)	1,0
Does the project exhibit aesthetic appeal?	10	Wow factor - looks good- fits in with surroundings.	If the project has a standard off the shelf look (1)	If the project looks appealing or different but fits with surroundings (10)	1,0
Does the project have any noteworthy special features or aspects?	10	Item that does something well or efficiently or differently.	If the project is very standard or common then (1)	If there are any special items whether hidden or visible (10)	1,0
Have any fast track or time saving methods been used in design or construction phases?	10	materials or methods or processes that save time and optimise use of resources.	If conventional methods have been used or no mention made of fast track of time saving methods (1)	If special techniques have been used and specific note made of such (10)	1,0
2. Portrays the art and science of civil engineering?	30				
Have any new materials or innovative use of conventional materials been used on project?	10	Water pipes might be used as vertical permanent shutters for a wall or a new type of plastic material might be used as a road surfacing material.	If conventional materials have been used in expected manner and no new materials (0)	If new materials have been used or standard materials in a new way (10)	1,0
Is a significant component of the project civil engineering in nature?	10	A large single storey building might have little or no real structural or civil engineering input whereas a multistorey building would have significant structural input as well as drainage, plumbing and parking areas.	If only a small part of project is civil Eng in nature then (1)	If at least 80% of project (size) are civil engineering then (10)	1,0
Does the project solve a human need or environmental challenge?	10	A retention pond might solve an environmental problem whereas a swimming pool might solve a human need.	If the project does not solve a human or environmental challenge the (0)	If the project addresses a major human or environmental challenge the (10)	1,0
3. Functional efficiency?	30				
Is the project useful(does it serve a purpose)	10	Project does what it is supposed to do.	Is the project a white elephant(0)	Does it serve a real purpose or a need od society? (10)	1,0
Does it work or operate as it should?	10	Project works as it is supposed to	If it doesn't work (0)	If it has been commissioned for several months (10)	1,0
Does it fulfill more than 1 function?	10	e.g. a sports field - can it be used by more than 1 sporting code.	If it can only be used for its intended function(4)	If it can be used for more than 1 function (10)	1,0
4. Well managed and completed on time?	40				
Was planning and design phase completed timeously?	10	Project must have been completed on time with valid reasons extensions of time.	If this phase took more than 5% longer than planned (0)	If less than 5% (10)	0,4
Was tender/procurement phase completed on time?	10	Procurement phase must be completed on time.	If this phase took more than 5% longer than planned (0)	If less than 5% (10)	0,4
Was Construction and commissioning completed timeously	10	Construction and commissioning must be completed according to program with valid reasons for time extension.	If this phase took more than 5% longer than planned (0)	If less than 5% (10)	0,5
Was project completed on budget?	10	Budget should be adhered to, additional cost due to poor planning/design not acceptable.	If the project cost was more than 25% over budget (0)	If the project was less than 5% over budget or under budget (10)	0,8
5. Environmental/community impacts and health and safety well managed?	20				
Has submission dealt with Environmental matters	10	Submission must describe any environmental challenges and or mitigating factors.	If the submission makes no mention of environmental matters (0)	If the submission deals comprehensively with environmental matters. (10)	0,8
Has submission dealt with site health and safety matters.	10	Submission must describe onsite health and safety matters.	If the submission makes no mention of health and safety matters (0)	If the submission deals comprehensively with health and safety matters (10)	0,8
6. Public Relations value	20				
Will the submission increase visibility of Civil Engineering	10	Project increases awareness of civil engineering within the community.	If the submission has little or no appeal (1)	If the project is visible to all and definately a civil project then (10)	1,0
Will submission raise the profile of Civil Engineering	10	Does it highlight civil engineering in general.	If the submission does not stand out as being recognisable as a CE project (1)	If the submission say WOW I represent the best of Civil Engineering. (10)	1,0
7. Conforming to submission criteria	80				
Have the nominator, Supporters names and information been properly completed	10	All names and personal information must be supplied	If any one incomplete (0)	If fully and correctly completed (10)	0,2
Have the main parties been properly completed (Client, Consultant, Contractor)	10	All parties to the project must be supplied	If any one incomplete (0)	If fully and correctly completed (10)	0,2
Has a properly worded and signed authorization and information document from client been included.	10	An authorization from a duly authorized client representative is required.	If not (0) and ask nominator to provide within 3 days. Otherwise reject nomination.	If proper document included (10)	0,4
How nominee project fulfils criteria (2000 to 3000 word MS Word document with no embedded photos or logos)	10	Document must comply with word count and format requirements.	If document exceeds or is lower that required word count by more than 100 words (0)	If document is within range and contains no logo or photo (10)	1,0
Have suitable photos been included	10	Photos must showcase the project and must be suitable for publication in the SAICE magazine.	If 2 or less photos included or photos don't portray the project (0)	If 3 or more photos and they correctly portray the project (10)	0,5
Have appropriate drawings (pdf) been included.	10	Drawings must showcase overall project and any special or different features. Must be of correct format.	If 2 or less drawings included or they don't adequately portray the project scope. (0)	If 3 or more drawings included that portray scope of project. (10)	0,5
If a large multidisciplinary project does the submission clearly indicate which aspect is being entered (as being predominantly Civil engineering)	10	If no indication is given the project will not be evaluated.	If the component or project entered is less than 50 % civil in nature then 1.	If the component or project entered is 100% civil engineering then 10.	0,5
Has the form indicating South African and SAICE member participation been adequately completed and certified.	10	If form is incomplete or unsigned the project will not be evaluated.			
TOTAL	270	Points			

15.4 NATIONAL AWARD FOR THE MOST OUTSTANDING CIVIL ENGINEERING PROJECT - INVESTIGATIVE / REPORT STUDIES

AWARD FOR THE MOST OUTSTANDING CIVIL ENGINEERING PROJECT - INVESTIGATIVE / REPORT STUDIES		
Criteria		
		Weighting factors
1. Does the investigation, study or manual	70	
Serve a purpose	10	1
Simplify existing procedures or practices	10	1
Indicate societal or community benefits	10	1
Add to the civil engineering body of knowledge	10	0,5
Provide a solution to a long term problem	10	1
Provide learning and upskilling opportunities	10	0,5
Show economic/financial benefits to client and society	10	0,5
2. Other aspects	50	
Was there any stakeholder engagement or cooperation?	10	0,5
Does the investigation or study consider environmental matters?	10	0,5
Was the study, investigation or report completed timeously?	10	0,5
Was the study, investigation or report completed within budget?	10	0,5
Were alternatives or options considered?	10	0,5
7. Conforming to submission criteria	50	
Have all relevant or related parties been listed or noted in the documentation.	10	0,4
Has a properly worded and signed authorization and information document from client been included.	10	0,3
Does entry document comply with entry requirements?	10	0,5
Have appropriate photos, diagrams, tables etc from the document been submitted.	10	0,4
Have appropriate drawings (pdf) or aerial photographs been included ?	10	0,4
TOTAL	170	