TAO-Pilipinas, Inc.

27-A Matiyaga Street, Barangay Central, Diliman, Quezon City 1100
Telefax: (632) 441-0998 / 436-7301 URL: www.tao-pilipinas.org

YP Design Challenge: Ideas for Sustainable Communities
Jury Report for 'Portable Playground' Category

Twenty-eight (28) registrations were received for the Sustainable Shelter Category. Twenty-five (25) of these submitted entries to TAO-Pilipinas.

I. Jury Panel Composition

The members of the jury panel for YP Design Challenge 3: Portable Playground included:

Arch/EnP. **Ma. Faith Y. Varona**, Research & Publications Coordinator, TAO-Pilipinas, Inc.,
Arch. **Eleanor C. Ramos**, animator and film director; and Mr. **Robert A. Alejandro**, artist-designer.

II. Judging Criteria

Prior to the Jury Deliberation scheduled last December 05, 2008 at Room 101 of the University Hotel in UP Campus, Diliman, Quezon City, the jury panel agreed that eligible entries will be judged on the following criteria and scoring weights:

Criterion # 1: **Appropriate and safe play spaces** (max. of **25** points)
The design should provide adequate spaces for appropriate and safe play experiences of children and create opportunities for teaching children the value of environmental responsibility.

Criterion # 2: **Mobility** (max. of **25** points)
The playground unit should be mobile and transportable to other areas of available open space in a community.

Criterion # 3: **Cost-effectiveness & Sustainable Construction** (max. of **25** points)
The playground unit should be cost effective and should be built using sustainable construction materials and techniques. Designers should consider use of local materials, tools/equipment and labor and construction methods, durability and ease of maintenance and repair.

Criterion # 4: **Socio-cultural sensitivity & Affordability** (max. of **25** points)
The design should be socio-culturally sensitive and affordable, has high possibility of being constructed by people's organizations like SHEC and SAPSPA.

The jury shall select winning designs and designate First, Second, and Third Award according to the following standard:
First Award – with at least a final score of **90 points**
Second Award – with at least a final score of **80 points**
Third Award – with at least a final score of **70 points**
If necessary, the mobility (criterion 2) score will be used as the tie-breaker. The jury may also decide to give out special awards for some entries.

The jury also applied the following rules in selecting eligible entries:

1. Late submissions on the date of the deadline (i.e. those received after 5:00pm of Nov.28) shall have point deductions from the entry's total score. **For every 30minutes of late submittal, 1.0 point shall be deducted**. For example, the if the entry was submitted at 6:45pm and garnered a total score of 83.75 points, 4.0 points will be deducted and its final score would be 79.75 points.

2. Entries submitted after the Nov.28 deadline will be **disqualified**.

3. Entries that did not conduct the required community area visit will have a **deduction of 10 points** from their total scores.

4. The Secretariat Committee will examine the boards for compliance to competition guidelines and rules and for every non-compliance, **1 point will be deducted** from the total score.

III. Jury Deliberation Process

The judging process consisted of the following steps:

1. Before actual jury review, the Secretariat Committee examined all submissions to ascertain whether they complied with submission and presentation board layout requirements and procedural rules, and noted compliance of the proposed designs to space requirements.

2. At the start of the jury review sessions, selected resource persons and community representatives were invited for a discussion of the entries' merits. All qualified entries were displayed and seen also by the group and their comments were solicited to be considered by the jury in their deliberations.

3. For the first round of jury review, each jury member scored the entries according to the four criteria (outlined in part II). Each entry's scores were averaged to obtain the total score. All entries with an average total score of **60.0 points** and higher comprised the semi-finalists' pool that advanced to the second round.

4. For the second round of jury review, previous total scores were disregarded and each entry (in the finalists' pool only) was scored by the jury panel unanimously. Ample time was given to the jury panel for deliberation. (The discussion from this deliberation formed part of the jury comments on winning and notable entries.)

5. Because the total scores of all the finalists did not reach the First, Second, and Third Award standards, the jury decided to give out special citations or Jury Awards. From the finalists' pool, the jury selected three winning designs and awarded the following Jury Awards:
   Best in Mobility / Transportability
   Best Visual Appeal for Children
   Most Potentially-Implementable Design

6. After the winning designs were selected, the envelopes containing the winners' names were opened by the Secretariat Committee and the contents read to the jury.

7. Winning designers were notified through email on December 9, 2008 by the Secretariat Committee. Awarding ceremonies will be organized by TAO-Pilipinas on December 16, 2008.

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IV. First Round Results: Jury Evaluation of Short-listed Entries

Entry & Registration Number	Secretariat Notes	First Round Ave. Score	Jury Comments during Second Jury Review
 **P1950DI**	• Registration requirements: **complete** • Submitted entry on-time • Followed presentation board layout and drawing requirements • Total ground area occupied by playground: **100 sqm** • Play spaces provided: **Swing, net climbers, crawler/tunnel, seesaw, slide, "vinta" house, "pineapple" house** • Mobility/transportability features: **Dismantle and place in truck to transport** • Materials used: **Reused scaffolding (steel pipes), beer cases, tarpaulin, welded steel bars**	**74.33**	- This is the most eye-catching and visually appealing of all the entries. - The proposed play spaces are not typical and the equipment is not conventional. This may mean that the designer will install the playground and not the community themselves. It's also complex and very hard to install and transport. - It's creative and beautiful but not too portable and it seems rigid, meaning the configuration cannot be changed. The size is also limited.
 **P5946DN**	• Registration requirements: **complete** • Submitted entry on-time • No Submission Form attached; With identifying marks at front; Narrative description more than 500 words • Total ground area occupied by playground: **100 sqm** • Play spaces provided: **Rubber ball pool, monkey bars, slide tunnel, tire hops, art room, drama area, tunnel bridge** • Mobility/transportability features: **Playground is a modified city bus that can be transported to other areas** • Materials used: **GI pipes, plastic drums, rubber mat flooring, concrete footing and pedestal**	**69.00**	- This has the best solution for mobility but for this to be really mobile, it should be a working bus. In terms of reality, something like this is working already -- like the Museo Pambata mobile library. - The spaces within the bus can change; art workshops can be held inside. - But its also only "half-mobile" because of the spaces and details outside the bus. There are things which I'm not agreeable with, like the pedestal… makes it not portable. - It has many options for play and has more playfulness to it. - The bus would be expensive and it should always be 'on the go' especially if it's a working bus. This could be done by the communities. The problem would be sourcing the bus. - This could be more than just a playground; you can use the interior spaces even if it's raining. It can be educational spaces. Do you put the outside pieces inside the bus when going to another area? Or on top of the bus? It would be like a mobile carnival or *perya*.

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Entry & Registration Number	Secretariat Notes	First Round Ave. Score	Jury Comments during Second Jury Review
 **P6157IW**	• Registration requirements: **complete** • Late submission: 63 minutes • Narrative description more than 500 words • Total ground area occupied by playground: **100 sqm** • Play spaces provided: **Bahay-bahayan, patintero, basketball, monkey bars, seesaw, tire swings** • Mobility/transportability features: **Not specified** • Materials used: **Plastic drums. Recycled milk cans, used tarpaulin, bamboo poles, wood planks**	**68.66**	- I like the openness and outdoor design. - My problem is the materials. Will it stand the elements and the test of time? Engineering-wise, some of the bamboo structures and connections would not work. And for bamboo to be disassembled and assembled again… it will weaken… plus the wear and tear of children using it as a playground. - We want to use indigenous materials but where have we seen a bamboo structure that can stand being used as a playground? - Bamboo may be cheap but how will you transport this? You will still need a truck and that would add to the cost. For this design, it may be transportable only to other areas within the same community. It's also replicable but not too transportable. - It's beautiful and has many play spaces. It's like a Filipino version of the Glorietta playground.
 **P2169EE**	• Registration requirements: **No community visit** • Submitted entry on-time • Drawing scale is not 1:50 • Total ground area occupied by playground: **100 sqm** • Play spaces provided: **Tunnels, semi-enclosed spaces, climbing ropes/bars** • Mobility/transportability features: **Assemble, pack into 2.6x2.6x2.6 cube and transport** • Materials used: **Recycled steel pipes, marine plywood, modified shipping container, recycled ropes and tires**	**66.33**	- Marine plywood is expensive and still not too durable. - In terms of mobility, it's very good. - It's easy to construct. - Can it capture the child's imagination? It looks more like a sculpture, an artwork. - The elements are very few. The child will not… unless you can re-arrange the elements. - It has a lot of sharp corners.
 **P1160IQ**	• Registration requirements: **complete** • Late submission: 60 minutes • Followed presentation board layout and drawing requirements • Total ground area occupied by playground: **90 sqm** • Play spaces provided: **Zone for 2-6 yr olds, zone for 7 yr old up, climbing nets, tire swings, slides** • Mobility/transportability features:	**66.33**	- It has many play spaces; although there are also many spaces where kids may fall but its all part of the play experience. - Its immobile and more of a permanent structure. I think it's too complicated to see the light of day again. - Abaca will not last so it's actually not sustainable especially if it will

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Entry & Registration Number	Secretariat Notes	First Round Ave. Score	Jury Comments during Second Jury Review
	Demountable by untying knots and clamps • Materials used: **Abaca rope, weaved rubber tires, interlocking rubber tires, wood planks, steel poles on pedestal**		be exposed to rain. It may work if you change the material to nylon, like the one used in ships. - Again, we all want to use natural materials like abaca and bamboo but we need to consider that we are in a tropical country with high humidity. - It may be affordable but not too easy to construct.
 **P5947DG**	• Registration requirements: **complete** • Submitted entry on-time • Drawings not properly laid out • Total ground area occupied by playground: **100 sqm** • Play spaces provided: **Slide, tunnel, climbing ropes, reading area, ball box, driving pit, "orchestrash", garbage slingshot** • Mobility/transportability features: **Attach to a trailer truck** • Materials used: **Steel frames, old tires, scrap metal, plyboard**	**65.33**	- I didn't realize it has other elevation drawings because of the presentation layout. The plan call outs are upside down. - Its very colorful and compact. - I'm quite concerned about the potential hiding spaces for children. Not all the enclosed play spaces can be monitored at the same time. - The scale of the perspective and elevation drawings is a bit off and doesn't look consistent with the plan. - There are many play options for children but some are tight and cramped spaces. Maybe it should be more spread out but that may affect its portability. You need a trailer truck to transport it. - The choice of materials are correct; it looks a little do-able but expensive. It's also hard to maintain and not easily constructed by the community. - The design is interesting and very sculptural. There are some engineering concerns about its design.
 **P2948DU**	• Registration requirements: **complete** • Submitted entry on-time • Followed presentation board layout and drawing requirements • Total ground area occupied by playground: **100 sqm** • Play spaces provided: **Toddler zone, big children zone, monkey bars, slides, tire hops, climbing ropes, swing, seesaw, sandbox, tunnels, water play area** • Mobility/transportability features: **Not specified** • Materials used: **Recycled water tank**	**65.33**	- It looks like an assembly of collected toy furniture in a yard, which is just ok. It's a playpen actually. It's flexible that way. It can be moved to lots that are configured differently, like on an L-shaped lot, it would still work. - It looks nice because of the beautiful landscape that is not really part of the design because you can't transport it. The landscaping can only be replicable when you transport the playground to another place. - Because it's just sort of a

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Entry & Registration Number	Secretariat Notes	First Round Ave. Score	Jury Comments during Second Jury Review
	and drums, old tires, scaffolding and metal scrap, bamboo poles, used lumber		playpen, it comes across as not too innovative or creative. You can actually buy the different items separately. But the main concept here is making things out of junk. - Except for the musical things, everything else is just the same... too typical. The play spaces do not spark creativity and not too challenging for children. - Good marks for sustainable construction, as long as its still good quality even if its made from junk. Also, it can be constructed by the community.
 **P5168ET**	• Registration requirements: **No community visit** • Submitted entry on-time • Drawing scale is not 1:50 • Total ground area occupied by playground: **100 sqm** • Play spaces provided: **Climbing bridges and bars, semi-enclosed spaces** • Mobility/transportability features: **Roll module then tie with belt and transport in truck or van** • Materials used: **Nylon ropes, recycled PVC pipes or rubber hose, recycled steel pipes**	**61.33**	- Its very open and offers no restrictions in playing… it's the kind of play like when you climb trees and fall from it. - It lacks color but very sculptural. - The suspended parts are worrisome and it looks dangerous if the structure is not stable and secure. - I haven't seen anything like it existing… so I'm not sure about the engineering aspect of it. - In terms of play spaces, it's quite limited to physical activities. - It's made of PVC tubes which are slippery. - It looks very interesting and beautiful… more like a public art installation. But as a children's playground? It looks like a hanging bridge plaything but without rails. I can just imagine so many broken necks and pools of blood under the bridge. - Good marks for portability; very mobile because it can be rolled up but not so for the poles. - Its not easy to install or construct, especially ensuring its stability and security.

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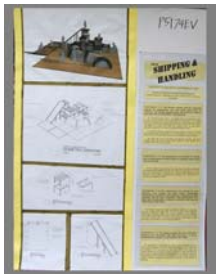
Entry & Registration Number	Secretariat Notes	First Round Ave. Score	Jury Comments during Second Jury Review
 **P3172EN**	• Registration requirements: **No community visit** • Submitted entry on-time • Followed presentation board layout and drawing requirements • Total ground area occupied by playground: **54 sqm** • Play spaces provided: **Climbing ropes, swings, cushion/trampoline, PET bottles pool, wormhole/tunnel** • Mobility/transportability features: **Disassemble and install; 7 main modules will be transported** • Materials used: **Steel pipes, PET bottles, abaca ropes**	**60.33**	- Looks interesting but the bed of bottles looks very uncomfortable. Another concern is the toxicity of the plastic bottles. And if the bottles get broken, they may injure children. - In time, the bottles will become dirty and algae may develop inside the bottles. It's not sanitary. It may accumulate water and from there breed mosquitoes. The bottles should be replaced every week. - If for example, the bottles are perforated, then they just become weak and easily get broken. It's not the proper material. - Its very mobile… it has to be assembled or constructed on-site. But in some parts like the swing --- that would require bigger pipes or tubes.
 **P5174EV**	• Registration requirements: **No community visit** • Submitted entry on-time • Followed presentation board layout and drawing requirements • Total ground area occupied by playground: **100 sqm** • Play spaces provided: **Tunnel, slide, sandbox, platforms** • Mobility/transportability features: **Modular and foldable pieces can be fit in a pick-up truck** • Materials used: **Wood pallets, used truck tires, used tarpaulin, sheet cork flooring on wood framing**	**50.33**	- This one I liked because of its simplicity and it's also very doable. This could work in the communities. - It's just too simple; he/she didn't put any design into it. The play activities are much too limited… getting on and off the boxes, that's it. Something should be added to make it more challenging for children.

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V. Second Round Results: Final Jury Panel Scores for Finalists

Registration Number	Criteria				Less Deduc-tions	Total Score	Rank
	Appropriate & safe play spaces	Mobility/ Transporta-bility	Cost-Effective-ness and Sustainable Construction	Socio-Cultural Sensitivity & Affordability			
P5946DN	18	18	19	15	3	**67**	Best in Mobility / Transportability
P2948DU	12	13	20	20		**65**	Finalist
P6157IW	20	10	15	20	4	**61**	Most Potentially Implementable Design
P1950DI	20	12	10	10		**52**	Best in Visual Appeal for Children
P1160IQ	20	10	10	10	2	**48**	Finalist
P2169EE	13	20	10	12	10	**45**	Finalist

General Comments by Jury after selection of winners and finalists:

- It matters a lot that the designers of the winning entries did go to the community (for the required community area visit). It's important because that means they have better commitment to the project.
- The designs here needed engineering inputs. The engineer can say if the design can be done with the technology available.
- Affordability of the design is also connected to how portable the design is. If it's more portable, then more communities can benefit from it. You may be willing to put in more money which is spread out. A good example is Museo Pambata's mobile library which is a bus. It's economically viable because it reaches so many children.
- If ever these designs will be implemented, there is a long process of making the detailed plans and engineering inputs before actual construction… aside from the improvements that need to be done to make them safe for kids and to really capture the children's imagination. The designs should be made good and acceptable enough for production before being given to the communities. Also, a prototype of a playground should be really good enough to be replicated.
- The communities may have varied needs for a playground. Some would really emphasize something mobile while others may want a design that incorporates features for deployment in conflict areas. The designs here each have exceptional features in different aspects and the communities can pick which design is more suitable for them. But there's not one entry that stands out in all the criteria set in the competition. Each has strength but no one is strong in all aspects.

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VI. Identification of Winners

Jury Awards
(PhP 10,000 prize each entry)

Most Potentially Implementable Design
Ana Marie P. Abrilla
Team members: **Annelyn B. Lacson, Lea Constantina S. Cruz**
5th year BS Architecture students, Pamantasan ng Lungsod ng Maynila (PLM)

Best in Mobility/Transportability
Nathaniel Sheridan Balauag
Team members: **Tracy Joanna M. Abergas, Jerome A. Palting**
3rd year BS Architecture students, Far Eastern University (FEU)
Adviser: Arch. Ma. Carmen Yatco

Best in Visual Appeal for Children
Phyll Patrick L. Seva
Team members: **Christine Angela A. Oafallas, Ken Reandelar**
3rd year BS Architecture students, Far Eastern University (FEU)
Adviser: Arch. Alpher De Vera

Finalists
Short-listed entries that passed the final screening were categorized as Notable Designs.

Anna Dominique M. Mendoza
4th year BS Architecture student, University of the Philippines (UP)
Adviser: Arch. Nicolo Del Castillo

Razel R. Robines
Team members: **Joseph C. Macapagal, Verna Lucia P. Sarraga**
5th year BS Architecture students, Pamantasan ng Lungsod ng Maynila (PLM)

Mark Dennis A. Alcantara
4th year BS Architecture students, Far Eastern University (FEU)
Adviser: Arch. Roselle Santos

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VII. List of Eligible Submissions for Portable Playground Category

Registration No.	Name of Official Registrant	Email Address	Course & Year Level / Degree Finished	College Studying In / Attended	Adviser (if academic requirement)	Team Member/s	
P1950DI	Phyll Patrick L. Seva	phyllseva@yahoo.com	BS Architecture, 3rd Year	Far Eastern University	Arch. Alpher De Vera	Christine Angela A. Oafallas	Ken Reandelar
P5168ET	James Louie Ngo	jameslouie_ngo@yahoo.com	BS Architecture, 4th Year	University of the Philippines	Arch. Nicolo Del Castillo		
P2169EE	Anna Dominique M. Mendoza	niqui_m@yahoo.com	BS Architecture, 4th Year	University of the Philippines	Arch. Nicolo Del Castillo		
P4170EA	Rannon Gabaldon	axis_ran@yahoo.com	BS Architecture, 4th Year	University of the Philippines	Arch. Nicolo Del Castillo		
P2171EO	Marinel Siega	mofeisha@yahoo.com	BS Architecture, 4th Year	University of the Philippines	Arch. Nicolo Del Castillo		
P3172EN	Christian Sacdalan	christiansacdalan@yahoo.com	BS Architecture, 4th Year	University of the Philippines	Arch. Nicolo Del Castillo		
P1175ED	Sean Lemuel Su	itssosean@yahoo.com	BS Architecture, 4th Year	University of the Philippines	Arch. Nicolo Del Castillo		
P5174EV	Ricah Diana Galvez	ricah_018@yahoo.com	BS Architecture, 4th Year	University of the Philippines	Arch. Nicolo Del Castillo		
P4173EJ	Ma. Isabela Beatrice Soriano	wafunijon@yahoo.com	BS Architecture, 4th Year	University of the Philippines	Arch. Nicolo Del Castillo		
P5954DB	Gerardo G. Recto, Jr.	batang_piyu@yahoo.com	BS Architecture, 4th Year	Far Eastern University		Robert Cliff M. Dela Cruz	
P6946DE	Jefferyl Tolentino	gustomoba@yahoo.com	BS Architecture, 4th Year	Far Eastern University	Arch. Roselle Santos	Jerylyn Naungayan	Noime Narne
P2164EG	Jeremiah John D. Estacio	okayaonilatam@yahoo.com	BS Architecture, 4th Year	University of the Philippines	Arch. Nicolo Del Castillo		
P3159JQ	Juan Carlo C. Concepcion	jcconcepcion1@yahoo.com	BS Architecture, 4th Year	Technological University of the Philippines		Mark Angelo G. Bonita	Alvin Jose P. Salinel
P5946DN	Nathaniel Sheridan Balauag	kill_nikie@yahoo.com	BS Architecture, 3rd Year	Far Eastern University	Arch. Ma. Carmen Yatco	Tracy Joanna M. Abergas	Jerome A. Palting

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Registration No.	Name of Official Registrant	Email Address	Course & Year Level / Degree Finished	College Studying In / Attended	Adviser (if academic requirement)	Team Member/s	
P1158IT	Crisanto E. Nacino	cris_nacino@yahoo.com	BS Architecture, 2nd Year	Pamantasan ng Lungsod ng Maynila			
P5947DG	Anthony Renel R. Reoner	winterwaltz_21@yahoo.com.ph	BS Architecture, 3rd Year	Far Eastern University	Arch. Cecil Reyes	Jonalyn Lao	Concepcion V. Cagampan
P2948DU	Mark Dennis A. Alcantara	neomark20@yahoo.com	BS Architecture, 4th Year	Far Eastern University	Arch. Roselle Santos		
P5161IL	Vavic M. Dela Fasion	vavicdelapasion@yahoo.com	BS Architecture, 5th Year	Pamantasan ng Lungsod ng Maynila		Jan Michael V. Lumbang	Andrea Janzen S. Santos
P5165LE	Jessy Christian C. Ladia	vendetta_j@yahoo.com	BS Architecture, 3rd Year	Technological Institute of the Philippines	Arch. Lemuel Jim Alvaro	Catherine Jezzel Mancenido	Jeanelle Moreno
P4763LI	Jerome C. Terrado	jayhrome23terrado@yahoo.com	BS Architecture, 2nd Year	Technological Institute of the Philippines	Arch. Lemuel Jim Alvaro		
P3166LD	Moses R. Zubiaga	mrzubiaga@yahoo.com	BS Architecture, 2nd Year	Technological Institute of the Philippines	Arch. Lemuel Jim Alvaro	Charmagne S. Uy	Lizlie Lutero
P1160IQ	Razel R. Robines	raisheng_4@yahoo.com	BS Architecture, 5th Year	Pamantasan ng Lungsod ng Maynila		Joseph C. Macapagal	Verna Lucia P. Sarraga
P6157IW	Ana Marie P. Abrilla	amp_abrilla@yahoo.com	BS Architecture, 5th Year	Pamantasan ng Lungsod ng Maynila		Annelyn B. Lacson	Lea Constantina S. Cruz
P6807GU	Ernesto E. Medrano III	ting.medrano@yahoo.com	2007 graduate BS Architecture	University of Sto. Tomas		Cess Ang	
P4162IX	Donna Veronica P. Rabe	donnarabe@yahoo.com	BS Architecture, 5th Year	Pamantasan ng Lungsod ng Maynila		Alyanna L. Ignacio	Jose Larino S. Bengson, Jr.