

GREEN AND GRACIOUS **BUILDER** AWARD ASSESSMENT CRITERIA

Summary of Assessment Criteria

Criteria	Points Available
(A) Green Practices	50
○ Company Policy	5
○ Materials (Reduce / Reuse / Recycle)	19
○ Energy	12
○ Environmental / Water	9
○ Housekeeping & Air Quality	5
(B) Gracious Practices	40
○ Company Policy	4
○ Accessibility	4
○ Public Safety	7
○ Noise & Vibration	9
○ Communications	7
○ Workforce Management	9
(C) Innovation	10
Total	100
<i>Plus:</i> Bonus Points	5
Total Possible Points	105

GREEN PRACTICES (50%)

GREEN PRACTICES		Total: 50
Company Policy		Subtotal: 5
Procedure/ Planning	Does the builder have procedures to inculcate and raise awareness of green best practices to all levels of staff? i.e. a) Management and Professionals b) Site supervisors c) Workers	2 pt
	Has the builder set specific goals and KPIs to address the various factors: a) Reduce / Reuse /Recycle b) Energy c) Environmental / Water d) Housekeeping & Air Quality	2 pt
Practices	Does the builder include "Green" as one of the considerations when selecting its suppliers and subcontractors?	1 pt
Reduce / Reuse / Recycle		Subtotal: 19
Procedure/ Planning	Has the builder put in place procedures or measures to encourage recycling or reduction of construction waste and office waste?	3 pts
	Is there a monitoring system of wastage on site?	1 pt
KPI	Performance rating of waste on site a) Concrete Wastage b) Rebar Wastage c) Waste Disposal Cost - proxy to amount of waste generated	4 pts
Technology	Is there any use of systems and technology to reduce waste: a) Formwork systems to reduce use of Timber (2 pt) b) Platform systems (to reduce use of scaffolding) (2 pt) c) Use alternative methods or systems to reduce masonry work (2pt)	6 pts
Practices	Are there use of recycled and sustainable materials for non-structural applications? (e.g. cement replacements, aggregate replacements, etc)	5 pts
Energy		Subtotal: 12
Procedure/ Planning	Is there a monitoring system for energy consumption on site?	1 pt
KPI	Performance Rating of energy consumption. KPIs include a) electricity consumption (For sites using AC Power) b) Diesel consumption (For sites using Diesel Generators)	3 pts
Technology	Is there any use of energy-saving/efficient or "Green Label" appliances, equipment and/or devices? (both site and office environment)	4 pts
	Is there use of alternative energy/fuels (e.g. solar for site office, biodiesel for construction plant)?	2 pt
Practices	Do the sites use AC grid power supply instead of diesel generators?	2 pt

GREEN PRACTICES		Total: 50
Environmental / Water		Subtotal: 9
Procedure/ Planning	Is there monitoring of usage of water on site?	1 pt
KPI	Performance Rating of water consumption	2 pt
	Performance Rating of Total Suspended Solids (TSS) Readings	2 pt
Technology	Does the builder have water saving or recycling equipment or devices (both site and office) to conserve water usage? E.g. Equipment to treat and recycle water for non-portable / construction use?	3 pt
Practices	Does the builder use environmentally friendly products (e.g. pesticides, cleaning products, etc) for its office and sites?	1 pt
Housekeeping & Air Quality		Subtotal: 5
Procedure/ Planning	Are there any in-house procedures to encourage good housekeeping in construction sites?	1 pt
	Has the builder adopted measures to address dust generated from material storage and vehicles?	1 pt
	Has the builder adopted measures to address rubbish and refuse accumulation and collection?	1 pt
Practices	Are there planned regular maintenance of construction vehicles and machinery to reduce emission rates?	1 pt
	Does the builder appoint a designated site personnel or controller to oversee housekeeping and cleanliness on site?	1 pt

GRACIOUS PRACTICES (40%)

GRACIOUS PRACTICES		Total: 40
Company Policy		Subtotal: 4
Procedure / Planning	Does the builder have an established policy to adopt gracious practices? Is the plan endorsed by top management?	2 pts
	Does the builder have procedures to inculcate and raise awareness of gracious best practices to all levels of staff? i.e. a) Management and Professionals b) Site supervisory c) Workers	1 pt
	Does the builder have procedures in place to address (with regards to gracious practices): a) Continual improvement and feedback to management and site staff b) Communicating such procedures and requirements to suppliers and subcontractors	1 pt
Accessibility		Subtotal: 4
Practices	Are the site accesses well signed? Is the access/entry into site generally clean and unobstructed?	1 pt
	Has consideration been given to accessibility wheelchairs (e.g. use of temporary ramps)?	1 pt
	Does the builder adopted measures to address possible causes of traffic obstruction?	1 pt
	Has the builder put in efforts to ensure sufficient and good signages around the construction site (For both motorists and pedestrians?)	1 pt
Public Safety		Subtotal: 7
Practices	Does the site provide covered walkways around site (for passageways which are used heavily by general public)?	1 pt
	Are the hoarding and walkways sufficiently designed, well-maintained and in good condition?	1pt
	Do the sites provide full-height safety netting and catch platform to mitigate risk of falling debris?	1 pt
	Has consideration being given to the provision of footpaths? E.g. 1) Is the width of the footpath/passage ways sufficient to cater for pedestrian volume/demand? 2) Is there provision of alternate footpath when the existing footpath or walkway is being used for the construction works?	1 pt
	Are vehicular barriers provided for passageways located close or next to roads? (Public safety)	1 pt
	Is site safety information made clear to visitors on site? (Safety information could include the dos and don'ts on site, fire safety evacuation information, etc)	1pt
	Are there comprehensive assessment and monitoring of surrounding buildings?	1 pt

GRACIOUS PRACTICES		Total: 40
Noise & Vibration		Subtotal: 9
Procedure/ Planning	Does the builder set specific goals and KPIs to address the various factors: a) Noise b) Vibrations	1 pt
	Does builder have procedures and standards to manage the piling subcontractors in terms of noise and vibrations?	1 pt
	Are there any efforts done to minimise noise disturbance through careful scheduling of noisy activities?	2 pt
	Has the builder put in place operational procedures to mitigate noise and vibrations? a) Any efforts carried out to plan and locate noise source (e.g. vehicles, generators, etc) away from residents? b) Any procedures to ensure that construction plant & machinery are properly maintained? (e.g. fasten loose panels, replace defective silencers, etc) c) Any efforts to train workers to handle materials carefully to reduce impact noise?	1 pt
	Does the builder have procedures, measures and/or rules to mitigate issues arising from night and/or weekend construction works (where applicable)	1 pt
Technology	Is there any use of measures or alternative construction methods/machines to address noise and vibrations?	2 pts
Practices	Does the builder install noise and vibration meters both on and off site? (E.g. at neighbouring property/building)	1 pt
Communications		Subtotal: 7
Procedure/ Planning	Does builder have a policy on public communications to residents / tenants (businesses) / town councils around construction site?	1 pt
Practices	Does the builder send out letters to neighbouring residents to inform of key milestones or major works?	1.5 pt
	Is there a designated hotline for public to call? Do the banner and posters contain the hotline number?	1pt
	Are the banners and posters clearly visible to public?	0.5 pt
	Does the site have a designated person to handle complaints and feedback and to coordinate with the project staff to improve the site activities?	1 pt
	Does the builder have guidelines and documents on the handling of feedback cases?	1 pt
	Does the builder adopt measures or procedures to minimise security concerns of neighbouring residents? Examples may include: 1) Encouraging workers participate in the "Workers on Watch" (WOW) programme administered by SPF. 2) Out of office security arrangements in place to mitigate security concerns when the site is not in operation.	1 pt

GRACIOUS PRACTICES		Total: 40
Workforce Management		Subtotal: 9
Practices	Are site personnel and sub-contractors familiarised with the Award and what this means?	1 pt
	Does the company show consideration and provide welfare to the workers?	3 pts
	Does the builder have a system to manage their workers? Examples may include: 1) Briefing of workers on dos and don'ts in and around site (e.g. behaviour around site, no loitering in public spaces)? 2) Setting up of disciplinary procedures. 3) Instructions clearly presented to workers, e.g. through handbooks.	2 pts
	Has the builder achieved safety results better than the industrial average (based on AFR and ASR statistics)?	1 pt
	Does the builder have procedures, measures and/or rules to enhance on-site living conditions and mitigate issues which may arise from on-site housing (where applicable)	2 pts

INNOVATION (10%) AND BONUS POINTS (5%)

OTHERS	Total: 10
Innovation	
Has the builder adopted procedures or innovative use of technology and/or special construction methods to address environmental concerns, site challenges and/or to minimise the concerns of the public?	10 pts

BONUS POINTS	Total: 5
Awards	
Has the builder received recognitions and/or awards (both public and private sector) in recognition of its outstanding performance / achievements? 1) No. of completed projects certified under Green Mark Gold Plus and above. 2) Awards [2 points per environmental related awards, 1 point for other awards]	Up to 5 points