

GREEN AND GRACIOUS BUILDER SCHEME CRITERIA - SUMMARY

| Criteria | Points (Max) |
|---|--------------|
| Company Policy | 2 |
| Housekeeping & Air Quality | 18 |
| Accessibility | 13 |
| Public Safety | 9 |
| Noise & Vibration | 27 |
| Communication | 11 |
| Manpower Management | 20 |
| Innovation and Exemplary Practices | 5 |
| Total | 105 |

GREEN AND GRACIOUS BUILDER SCHEME CRITERIA - CHECKLIST

| Criteria | | Maximum Possible Points | Score Obtained |
|---------------------------------------|--|-------------------------|----------------|
| Company Policy | | Subtotal: 2 | /2 |
| Procedure / Planning | Policy statement to adopt gracious practices | 2 | |
| Housekeeping & Air Quality | | Subtotal: 18 | /18 |
| Procedure / Planning | In-house procedures to encourage good housekeeping at site | 3 | /3 |
| | <i>a) Procedures on housekeeping at site</i> | 1 | |
| | <i>b) Designated storage space at site</i> | 1 | |
| | <i>c) Implementing good housekeeping measures at site</i> | 1 | |
| Practices | Measures to address dust generated from material storage and construction vehicles | 6 | /6 |
| | <i>a) Cover dust generating materials during storage/transportation</i> | 1 | |
| | <i>b) Provide water sprays to dampen dust generating materials during storage/transportation</i> | 1 | |
| | <i>c) Paved/precast concrete planks access at site</i> | 1 | |
| | <i>d) Spray main haul road with water</i> | 1 | |
| | <i>e) Control vehicle speed at site</i> | 1 | |
| | <i>f) Cover and secure all loads on vehicles before leaving site</i> | 1 | |
| | Measures to address refuse accumulation and collection | 4 | /4 |
| | <i>a) Provide properly covered receptacles for food waste</i> | 1 | |
| | <i>b) Provide suitable designated refuse points</i> | 1 | |
| | <i>c) Inculcate good practice among staff, including subcontractor staff</i> | 1 | |
| | <i>d) Store refuse that is pending removal in receptacles with close fitting covers</i> | 1 | |
| | Proactive vector control measures at site | 5 | |
| Accessibility | | Subtotal: 13 | /13 |
| Practices | Well signed site with clean and unobstructed site access/entrance | 3 | /3 |
| | <i>a) Keeping site access properly maintained and unobstructed</i> | 1 | |

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| | <i>b) Providing signage from entrance to site office to facilitate entry by visitors</i> | 1 | |
| | <i>c) Providing conspicuous/effective signage</i> | 1 | |
| | Consideration given to wheelchair accessibility around site | 2 | /2 |
| | <i>a) Designing passageways/walkways that include barrier free consideration around site</i> | 1 | |
| | <i>b) Well-designed and effective passageways/walkways that include barrier free consideration around site (gradient 1:12)</i> | 1 | |
| | Measures to address possible causes of traffic obstruction | 4 | /4 |
| | <i>a) Identify and address factors such as parking, location of rubbish skips, delivery routes</i> | 1 | |
| | <i>b) Provide trained traffic controllers to ensure smooth traffic in and out of site</i> | 1 | |
| | <i>c) Set restricted delivery times to avoid causing obstruction during peak hours</i> | 1 | |
| | <i>d) Provide traffic mirrors for blind spot</i> | 1 | |
| | Ensure sufficient and effective signages around site to guide both motorists and pedestrians | 4 | /4 |
| | <i>a) Put up signage and directional signs to guide motorists and pedestrians</i> | 1 | |
| | <i>b) Ensure that existing road names, signboards, directional signs are not blocked by hoardings or construction works</i> | 1 | |
| | <i>c) Present signage in different languages</i> | 1 | |
| | <i>d) Provide variable messaging system</i> | 1 | |
| Public Safety | | Subtotal: | /9 |
| | | 9 | |
| Practices | Sufficiently designed and well-maintained hoarding and walkways Examples: Providing well-maintained walkway with adequate lighting | 2 | |
| | Consideration given for the provision of footpaths in the following: 1) Sufficient width to cater for pedestrian volume/demand 2) Provision of alternate footpath when existing footpath is being used for construction works | 2 | /2 |
| | | 1 | |
| | | 1 | |

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| | Provide vehicular barriers at passageways located close to/near to roads Examples: a) Providing effective barriers b) Providing temporary barriers for pedestrians | 3 | |
| | Comprehensive assessment and monitoring of surrounding buildings Examples: Carrying out comprehensive assessment and monitoring of surrounding buildings so as to prevent settlement, movement or damage to surrounding buildings | 2 | |
| Noise & Vibration | | Sub-total: 27 | /27 |
| Procedure / Planning | Set specific goals and KPIs to address the following factors: a) Noise b) Vibration | 4 | /4 |
| | | 2 | |
| | | 2 | |
| | Measures and efforts to minimise noise disturbance through careful scheduling of noisy construction activities Examples: Scheduling noisy activities in order to avoid sensitive time periods such as early mornings, evenings, weekends and public holidays | 1 | |
| | Operational procedures in place to mitigate noise and vibrations a) Efforts to plan and locate noise source (Eg. vehicles, generators away from residents) b) Procedures to ensure construction plant & machinery are properly maintained c) Efforts to train workers to handle materials carefully to reduce impact noise d) Use of noise barriers for construction plant & machinery | 4 | /4 |
| | | 1 | |
| | | 1 | |
| | | 1 | |
| | | 1 | |
| KPI | Performance rating of noise and vibration | 4 | |
| Technology | Use of alternative construction methods/machines to address noise and vibrations Examples (non-exhaustive): a) Non percussion piling b) Low noise generators c) Robotic crusher d) Wire saw | 10 | |

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|----------------------------|--|--------------------------|------------|
| | e) Hydraulic splitter f) QUI cutter | | |
| Practices | Installation of noise and vibration monitoring meters both on and off site | 4 | |
| Communications | | Sub-total: 11 | /11 |
| Practices | Send out letters and memos to neighbouring residents to inform key milestones or major construction works Examples: a) Sending out letters and memos at “some key milestones”, “most key milestones” or “all key milestones” b) Use of social media eg, Facebook, Twitter, Instagram) Examples of milestones (non-exhaustive): a) Introduction to commencement of work b) Commencement of demolition work c) Commencement of piling work d) Major delivery of materials e) Diversion of traffic | 3 | |
| | Provide designated hotline on company posters and banners for public to call | 2 | |
| | Guidelines and documents on the handling of feedback cases Examples: Keeping proper site record of feedback received and follow-up actions | 2 | |
| | Measures and procedures to minimise security concerns to neighbouring residents | 4 | /4 |
| | a) <i>Out of office security measures</i> | 1 | |
| | b) <i>Crime prevention talks</i> | 1 | |
| | c) <i>24-hr security guard on site</i> | 1 | |
| | d) <i>Providing CCTV around site</i> | 1 | |
| Manpower Management | | Sub-total: 20 | /20 |
| Practices | Taking care of site personnel welfare a) Facilities b) Initiatives Examples (non-exhaustive): a) <i>Hot/cold water points</i> b) <i>Proper workwear and footwear</i> c) <i>Recreational activities / site canteen</i> d) <i>Rest area</i> e) <i>Boot washing points</i> | 10 | |

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| | <p>Ensure proper living conditions for site personnel</p> <p>a) Living conditions b) Transportation</p> <p><i>Examples (non-exhaustive):</i></p> <p>a) Clean, ventilated dormitory rooms that are not overcrowded b) Provision of proper sanitary facilities c) Provision of facilities e.g. cooking/ washing machines/ dryers d) Enforcing house rules to control disturbances to neighbourhood e) Provision of transport (bus, lorry with seats)</p> | 5 | |
| | <p>Management of site personnel</p> <p>a) Site operation b) Conduct</p> <p><i>Examples (non-exhaustive):</i></p> <p>a) Conduct tool box meetings b) Provide clear instructions via handbooks, posters & leaflets c) Brief workers on site regulations & conduct d) Set-up of disciplinary procedures</p> | 5 | |

| Innovation and Exemplary Practices | Maximum Possible Points | |
|---|--------------------------------|--|
| <p>Procedures or innovative use of construction technology and/or special construction methods to address environmental concerns, site challenges, best manpower management practices and/or exemplary practices to minimise concerns of the public</p> <p><i>Guidelines:</i> They should be proposed / counter-proposed by builder “Think out of the box” approach Gracious gestures towards the community and public stakeholders</p> | 5 | |

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| Total: | /105 |
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