

## LISTING CRITERIA FOR PUBLIC SECTOR PANELS OF CONSULTANTS (PSPC)

### ARCHITECTURAL CONSULTANCY FIRMS

#### (i) Common Criteria

Corporation (limited/unlimited), partnership (multi-disciplinary/limited liability) must be licensed with the Board of Architects.

#### (ii) Specific Criteria

##### **Criteria for PANEL AR04 (project cost range: up to \$3M):**

- (a) 1 registered professional with the respective professional body supported by 1 professional with *recognised professional qualifications*<sup>1</sup>

##### **Criteria for PANEL AR03 (project cost range: up to \$10M):**

- (a) 2 registered professional with the respective professional body
- (b) Expected to have completed a project above \$1.5M in the past 5 years
- (c) 1 *technical or professional staff* has attended either the Buildable Design Appraisal System (**BDAS**) / Integrated Buildable Design Appraisal System (**i-BDAS**) / Code of Practice on Buildable Design course conducted by BCA<sup>2</sup>

##### **Criteria for PANEL AR02 (project cost range: above \$3M and up to \$30M):**

- (a) 3 registered professionals with the respective professional body
- (b) Expected to have completed a project above \$5M in the past 5 years
- (c) ISO 9001:2008 certification
- (d) 1 *technical or professional staff* has attended either the Buildable Design Appraisal System (**BDAS**) / Integrated Buildable Design Appraisal System (**i-BDAS**) / Code of Practice on Buildable Design course conducted by BCA<sup>2</sup>
- (e) 1 *technical or professional staff* has successfully attended the Certificate Course for Green Mark Manager (GMM) conducted by BCA

##### **Criteria for PANEL AR01 (project cost range: above \$10M and up to \$65M):**

- (a) 4 registered professionals with the respective professional body
- (b) Expected to have completed a project above \$15M in the past 5 years
- (c) Must have professional indemnity insurance (PII) of *at least \$0.5M*
- (d) ISO 9001:2008 certification
- (e) ISO 14001:2004 certification<sup>3</sup>
- (f) 1 *technical or professional staff* has attended either the Buildable Design Appraisal System (**BDAS**) / Integrated Buildable Design Appraisal System (**i-BDAS**) / Code of Practice on Buildable Design course conducted by BCA<sup>2</sup>
- (g) 1 *technical or professional staff* has successfully attended the Certificate Course for Green Mark Manager (GMM) conducted by BCA

##### **Criteria for Projects above \$65M:**

Agencies to determine depending on particular requirements for project

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<sup>1</sup> Refers to a relevant recognised degree in Architecture

List of recognised degrees in Architecture could be obtained from BOA

<sup>2</sup> For firms that do not satisfy this requirement, they have to declare and ensure that at least one of its *technical or professional staff* will attend the "Code of Practice on Buildable Design" course conducted by BCA within a period of 6 months or such other period as may be permitted by BCA upon approval of its listing application. Unless otherwise permitted by BCA, firms are required to submit the Certificate of Attendance to the PSPC counter together with Form Part 4(i) upon successful completion of the course.

<sup>3</sup> This requirement is only applicable to firms listed in PSPC from 1 Apr 2012 onwards

## CIVIL & STRUCTURAL ENGINEERING CONSULTANCY FIRMS

### (i) Common Criteria

Corporation (limited/unlimited), partnership (multi-disciplinary/limited liability) must be licensed with the Professional Engineers Board.

### (ii) Specific Criteria

#### **Criteria for PANEL CS04 (project cost range: up to \$3M):**

- (a) 1 registered professional with the respective professional body supported by 1 professional with *recognised professional qualifications*<sup>4</sup>

#### **Criteria for PANEL CS03 (project cost range: up to \$10M):**

- (a) 2 registered professional with the respective professional body
- (b) Expected to have completed a project above \$1.5M in the past 5 years
- (c) 1 *technical or professional staff* has attended either the Buildable Design Appraisal System (**BDAS**) / Integrated Buildable Design Appraisal System (**i-BDAS**) / Code of Practice on Buildable Design course conducted by BCA<sup>5</sup>

#### **Criteria for PANEL CS02 (project cost range: above \$3M and up to \$30M):**

- (a) 3 registered professionals with the respective professional body
- (b) Expected to have completed a project above \$5M in the past 5 years
- (c) ISO 9001:2008 certification
- (d) 1 *technical or professional staff* has attended either the Buildable Design Appraisal System (**BDAS**) / Integrated Buildable Design Appraisal System (**i-BDAS**) / Code of Practice on Buildable Design course conducted by BCA<sup>5</sup>

#### **Criteria for PANEL CS01 (project cost range: above \$10M and up to \$65M):**

- (a) 4 registered professionals with the respective professional body
- (b) Expected to have completed a project above \$15M in the past 5 years
- (c) Must have professional indemnity insurance (PII) of *at least \$0.5M*
- (d) ISO 9001:2008 certification
- (e) ISO 14001:2004 certification<sup>5</sup>
- (f) 1 *technical or professional staff* has attended either the Buildable Design Appraisal System (**BDAS**) / Integrated Buildable Design Appraisal System (**i-BDAS**) / Code of Practice on Buildable Design course conducted by BCA<sup>6</sup>

#### **Criteria for Projects above \$65M:**

Agencies to determine depending on particular requirements for project

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<sup>4</sup> Refers to a relevant recognised degree in Civil/Structural Engineering

List of recognised degrees in Civil/Structural Engineering could be obtained from PEB

<sup>5</sup> This requirement is only applicable to firms listed in PSPC from 1 Apr 2012 onwards

<sup>6</sup> For firms that do not satisfy this requirement, they have to declare and ensure that at least one of its technical or professional staff will attend the "Code of Practice on Buildable Design" course conducted by BCA within a period of 6 months or such other period as may be permitted by BCA upon approval of its listing application. Unless otherwise permitted by BCA,, firms are required to submit the Certificate of Attendance to the PSPC counter together with Form Part 4(i) upon successful completion of the course.

## MECHANICAL & ELECTRICAL ENGINEERING CONSULTANCY FIRMS

### (i) Common Criteria

Corporation (limited/unlimited), partnership (multi-disciplinary/limited liability) must be licensed with the Professional Engineers Board.

### (ii) Specific Criteria

#### **Criteria for PANEL ME04 (project cost range: up to \$3M):**

- (a) 1 registered professional with the respective professional body supported by 1 professional with *recognised professional qualifications*<sup>7</sup>

#### **Criteria for PANEL ME03 (project cost range: up to \$10M):**

- (a) 2 registered professional with the respective professional body
- (b) Expected to have completed a project above \$1.5M in the past 5 years

#### **Criteria for PANEL ME02 (project cost range: above \$3M and up to \$30M):**

- (a) 3 registered professionals with the respective professional body
- (b) Expected to have completed a project above \$5M in the past 5 years
- (c) ISO 9001:2008 certification
- (d) 1 *technical or professional staff* has successfully attended the Certificate Course for Green Mark Manager (GMM) conducted by BCA

#### **Criteria for PANEL ME01 (project cost range: above \$10M and up to \$65M):**

- (a) 4 registered professionals with the respective professional body
- (b) Expected to have completed a project above \$15M in the past 5 years
- (c) Must have professional indemnity insurance (PII) of *at least \$0.5M*
- (d) ISO 9001:2008 certification
- (e) ISO 14001:2004 certification<sup>8</sup>
- (f) 1 *technical or professional staff* has successfully attended the Certificate Course for Green Mark Manager (GMM) conducted by BCA

#### **Criteria for Projects above \$65M:**

Agencies to determine depending on particular requirements for project

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<sup>7</sup> Refers to a relevant recognised degree in Mechanical/Electrical Engineering

List of recognised degrees in Mechanical/Electrical Engineering could be obtained from PEB

<sup>8</sup> This requirement is only applicable to firms listed in PSPC from 1 Apr 2012 onwards

## QUANTITY SURVEYING CONSULTANCY FIRMS

### (i) Specific Criteria

#### **Criteria for PANEL QS04 (project cost range: up to \$3M):**

- (a) 1 degree holder<sup>9</sup> supported by 1 diploma holder<sup>10</sup>

#### **Criteria for PANEL QS03 (project cost range: up to \$10M):**

- (a) 2 degree holder<sup>9</sup>, who is expected to have completed a project above \$1.5M (in the past 5 years) as a project QS
- (b) Firm is expected to have completed a project above \$1.5M in the past 5 years

#### **Criteria for PANEL QS02 (project cost range: above \$3M and up to \$30M):**

- (a) 3 degree holders<sup>9</sup>, 1 of whom is expected to have completed a project above \$5M (in the past 5 years) as a project QS
- (b) Firm is expected to have completed a project above \$5M in the past 5 years
- (c) ISO 9001:2008 certification

#### **Criteria for PANEL QS01 (project cost range: above \$10M and up to \$65M):**

- (a) 4 degree holders<sup>9</sup>, 1 of whom is expected to have completed a project above \$15M (in the past 5 years) as a project QS
- (b) Firm is expected to have completed a project above \$15M in the past 5 years
- (c) ISO 9001:2008 certification
- (d) ISO 14001:2004 certification<sup>11</sup>

#### **Criteria for Projects above \$65M:**

Agencies to determine depending on particular requirements for project

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<sup>9</sup> Degree holder in Architecture, Building, Construction-related Engineering or equivalent

<sup>10</sup> Diploma holder in Architecture, Building, Construction-related Engineering or equivalent

<sup>11</sup> This requirement is only applicable to firms listed in PSPC from 1 Apr 2012 onwards

## PROJECT MANAGEMENT FIRMS

(i) **Specific Criteria**

**Criteria for PANEL PM02 (project cost range: up to \$10M):**

- (a) 3 degree holders<sup>12</sup>, 1 of whom is expected to have completed a project above \$3M as a project PM<sup>13</sup> in the past 5 years

**Criteria for PANEL PM01 (project cost range: any value):**

- (a) 4 degree holders<sup>12</sup>, 1 of whom is expected to have completed a project above \$50M as a project PM<sup>13</sup> in the past 5 years  
(b) Firm must have completed at least 3 projects as project manager, each is expected to be above \$8M in the past 5 years  
(c) ISO 9001:2008 certification in Project Management  
(d) ISO 14001:2004 certification in Project Management<sup>14</sup>

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<sup>12</sup>Degree holder in Architecture, Building, Construction-related Engineering or equivalent

<sup>13</sup>Project PM refers to appointment by client /developer to provide solely Project Management services

<sup>14</sup>This requirement is only applicable to firms listed in PSPC from 1 Apr 2012 onwards