

LISTING CRITERIA FOR PUBLIC SECTOR PANELS OF CONSULTANTS (PSPC)**ARCHITECTURAL (AR) CONSULTANCY FIRMS****(i) Common Criteria for All AR Panels**

Entities applying for any AR panel must be licensed with the Board of Architects (BOA).

(ii) Specific Minimum Criteria for Each AR Panel**Panel AR01**

- 4 registered professionals with the BOA, supported by 4 professionals with recognised qualifications¹
- Completed at least 1 project of S\$15mil and above (within the past five years)
- 1 technical or professional staff successfully completed the *Training Course for Universal Design (UD) Assessor* conducted by BCA²
- 1 technical or professional staff successfully completed the *Training Course for Green Mark Professional (GMP)/Green Mark Advanced Accredited Professional (GMAAP)* conducted by BCA²
- 1 technical or professional staff successfully completed the *Training Course for Green Mark Facilities Professional (GMFP)/Green Mark Advanced Accredited Professional (Facilities Management) (GMAAP(FM))* conducted by BCA²
- 2 technical or professional staff successfully completed the *Training Course for Green Mark Manager (GMM)/Green Mark Accredited Professional (GMAP) or Green Mark Facilities Manager (GMFM)/Green Mark Accredited Professional (GMAP(FM))* conducted by BCA²
- Insured with a Professional Indemnity Insurance (PII) of at least S\$0.5M

Panel AR02

- 3 registered professionals with the BOA, supported by 3 professionals with recognised qualifications¹
- Completed at least 1 project of S\$5mil and above (within the past five years)
- 1 technical or professional staff successfully completed the *Training Course for Universal Design (UD) Assessor* conducted by BCA²
- 2 technical or professional staff successfully completed the *Training Course for Green Mark Manager (GMM)/Green Mark Accredited Professional (GMAP) or Green Mark Facilities Manager (GMFM)/Green Mark Accredited Professional (GMAP(FM))* conducted by BCA^{2,4}

Panel AR03

- 2 registered professionals with the BOA, supported by 2 professionals with recognised qualifications¹
- Completed at least 1 project of S\$1.5mil and above (within the past five years)³
- 1 technical or professional staff successfully completed the *Training Course for Green Mark Manager (GMM)/Green Mark Accredited Professional (GMAP) or Green Mark Facilities Manager (GMFM)/Green Mark Accredited Professional (GMAP(FM))* conducted by BCA²

Panel AR04

- 1 registered professional with the BOA, supported by 1 professional with recognised qualifications¹

Panel	Personnel ¹	Firm's Track Record (at least 1 such project completed within past five years)	Training Course Requirements ²				Professional Indemnity Insurance (PII)
			GMM/GMAP or GMFM/GMAP(FM)	GMP/GMAAP	GMFP/GMAAP (FM)	UD Assessor	
AR01	4 QP + 4 Sp	≥S\$15mil	2 staff	1 staff	1 staff	1 staff	S\$0.5M
AR02	3 QP + 3 Sp	≥S\$5mil	2 staff	-	-	1 staff	-
AR03	2 QP + 2 Sp	≥S\$1.5mil ³	1 staff	-	-	-	-
AR04	1 QP + 1 Sp	-	-	-	-	-	-

¹ The supporting professional(s) should have a relevant recognised degree in Architecture referenced from the BOA. Firms may also list more than the required number of QP to fulfil the SP requirement in their PSPC application, if required.

² For firms that do not satisfy this requirement, the firms are to submit a confirmation letter on successful placement for the course. The relevant "Certificate of Successful Completion" (Universal Design Assessor, GMM/GMAP, GMFM/GMAP(FM), GMP/GMAAP and GMFP/GMAAP(FM)) is to be furnished upon successful completion of the course.

³ For firms that have not completed at least one ≥S\$1.5mil project within the past 5 years, personnel track record (i.e. QP has completed at least one ≥S\$1.5mil project within the past 5 years) may be used in lieu of firm track record.

CIVIL & STRUCTURAL (CS) ENGINEERING CONSULTANCY FIRMS**(i) Common Criteria for All CS Panels**

Entities applying for any CS panel must be licensed with the Professional Engineers Board (PEB).

(ii) Specific Minimum Criteria for Each CS Panel**Panel CS01**

- (a) 4 registered professionals with the PEB, supported by 4 professionals with recognised qualifications⁴
- (b) Completed at least 1 project of S\$15mil and above (within the past five years)
- (c) Insured with a Professional Indemnity Insurance (PII) of at least S\$0.5M

Panel CS02

- (a) 3 registered professionals with the PEB, supported by 3 professionals with recognised qualifications⁴
- (b) Completed at least 1 project of S\$5mil and above (within the past five years)

Panel CS03

- (a) 2 registered professionals with the PEB, supported by 2 professionals with recognised qualifications⁴
- (b) Completed at least 1 project of S\$1.5mil and above (within the past five years)⁵

Panel CS04

- (a) 1 registered professional with the PEB, supported by 1 professional with recognised qualifications⁴

Panel	Personnel ⁴	Firm's Track Record (at least 1 such project completed within past five years)	Professional Indemnity Insurance (PII)
CS01	4 QP + 4 Sp	≥S\$15mil	S\$0.5mil
CS02	3 QP + 3 Sp	≥S\$5mil	-
CS03	2 QP + 2 Sp	≥S\$1.5mil ⁵	-
CS04	1 QP + 1 Sp	-	-

⁴The supporting professional(s) should have a relevant recognised degree in Civil/Structural Engineering referenced from the PEB. Firms may also list more than the required number of QP to fulfil the SP requirement in their PSPC application, if required.

⁵For firms that have not completed at least one ≥S\$1.5mil project within the past 5 years, personnel track record (i.e. QP has completed at least one ≥S\$1.5mil project within the past 5 years) may be used in lieu of firm track record.

MECHANICAL & ELECTRICAL (ME) ENGINEERING CONSULTANCY FIRMS**(i) Common Criteria for All ME Panels**

Entities applying for any ME panel must be licensed with the Professional Engineers Board (PEB).

(ii) Specific Minimum Criteria for Each ME Panel**Panel ME01**

- (a) 4 registered professionals with the PEB, supported by 4 professionals with recognised qualifications⁶
- (b) Completed at least 1 project of S\$15mil and above (within the past five years)
- (c) 1 technical or professional staff successfully completed the *Training Course for Green Mark Professional (GMP)/Green Mark Advanced Accredited Professional (GMAAP)* conducted by BCA⁷
- (d) 1 technical or professional staff successfully completed the *Training Course for Green Mark Facilities Professional (GMFP)/Green Mark Advanced Accredited Professional (Facilities Management (GMAAP(FM)))* conducted by BCA⁷
- (e) 2 technical or professional staff successfully completed the *Training Course for Green Mark Manager (GMM) or Green Mark Facilities Manager (GMFM)* conducted by BCA⁷
- (f) Insured with a Professional Indemnity Insurance (PII) of at least S\$0.5mil

Panel ME02

- (a) 3 registered professionals with the PEB, supported by 3 professionals with recognised qualifications⁶
- (b) Completed at least 1 project of S\$5mil and above (within the past five years)
- (c) 2 technical or professional staff successfully completed the *Training Course for Green Mark Manager (GMM)/Green Mark Accredited Professional (GMAP) or Green Mark Facilities Manager (GMFM)/Green Mark Accredited Professional (GMAP(FM))* conducted by BCA⁷

Panel ME03

- (a) 2 registered professionals with the PEB, supported by 2 professionals with recognised qualifications⁶
- (b) Completed at least 1 project of S\$1.5mil and above (within the past five years)⁸
- (c) 1 technical or professional staff successfully completed the *Training Course for Green Mark Manager (GMM)/Green Mark Accredited Professional (GMAP) or Green Mark Facilities Manager (GMFM)/Green Mark Accredited Professional (GMAP(FM))* conducted by BCA⁷

Panel ME04

- (a) 1 registered professional with the PEB, supported by 1 professional with recognised qualifications⁶

Panel	Personnel ⁶	Firm's Track Record (at least 1 such project completed within past five years)	Training Course Requirements ⁷			Professional Indemnity Insurance (PII)
			GMM/GMAP or GMFM/GMAP(FM)	GMP/GMAAP	GMFP/GMAAP(FM)	
ME01	4 QP + 4 Sp	≥S\$15mil	2 staff	1 staff	1 staff	S\$0.5M
ME02	3 QP + 3 Sp	≥S\$5mil	2 staff	-	-	-
ME03	2 QP + 2 Sp	≥S\$1.5mil ⁸	1 staff	-	-	-
ME04	1 QP + 1 Sp	-	-	-	-	-

⁶The supporting professional(s) should have a relevant recognised degree in Mechanical/Electrical Engineering referenced from the PEB. Firms may also list more than the required number of QP to fulfil the SP requirement in their PSPC application, if required.

⁷For firms that do not satisfy this requirement, the firms are to submit a confirmation letter on successful placement for the course. The relevant "Certificate of Successful Completion" (GMM/GMAP, GMFM/GMAP(FM), GMP/GMAAP and GMFP/GMAAP(FM)) is to be furnished upon successful completion of the course.

⁸ For firms that have not completed at least one ≥S\$1.5mil project within the past 5 years, personnel track record (i.e. QP has completed at least one ≥S\$1.5mil project within the past 5 years) may be used in lieu of firm track record.

QUANTITY SURVEYING (QS) CONSULTANCY FIRMS

Specific Minimum Criteria for Each QS Panel

Panel QS01

- (a) 4 PSPC-Recognized QS-es⁹ supported by 4 degree holders¹⁰, at least one of the PSPC-Recognized QS-es completed a project above S\$15M (within the past 5 years) as Project QS
- (b) Firm completed at least 1 project of S\$15mil and above (within the past five years)

Panel QS02

- (a) 3 PSPC-Recognized QS-es⁹ supported by 3 degree holders¹⁰, at least one of the PSPC-Recognized QS-es completed a project above S\$5M (within the past 5 years) as Project QS
- (b) Firm completed at least 1 project of S\$5mil and above (within the past five years)

Panel QS03

- (a) 2 PSPC-Recognized QS-es⁹ supported by 2 degree holders¹⁰, at least one of the PSPC-Recognized QS-es completed a project above S\$1.5M (within the past 5 years) as Project QS
- (b) Firm completed at least 1 project of S\$1.5mil and above (within the past five years)¹¹

Panel QS04

- (a) 1 PSPC-Recognized QS⁹ supported by 1 degree holder¹⁰

Panel	Personnel ^{9,10}	Firm's Track Record (at least 1 such project completed within past five years)
		Firm and 1 PSPC-Recognized QS completed as Project QS
QS01	4 PSPC-Recognised QS + 4 Sp	≥S\$15mil
QS02	3 PSPC-Recognised QS + 3 Sp	≥S\$5mil
QS03	2 PSPC-Recognised QS + 2 Sp	≥S\$1.5mil ¹¹
QS04	1 PSPC-Recognised QS + 1 Sp	-

⁹PSPC-Recognized QS refers to a personnel with a recognized QS-related degree and two years of relevant work experience. The list of recognized QS-related degrees can be found in Appendix B

¹⁰Supporting professional(s) who is at least a degree holder in Architecture, Building, Construction-related Engineering or equivalent. Firms may also list more than the required number of PSPC-Recognised QS to fulfil the SP requirement in their PSPC application, if required.

¹¹ For firms that have not completed at least one ≥S\$1.5mil project within the past 5 years, personnel track record (i.e. PSPC Recognised QS has completed at least one ≥S\$1.5mil project within the past 5 years) may be used in lieu of firm track record. Such firms would have to produce a total of 2 track records.

PROJECT MANAGEMENT (PM) CONSULTANCY FIRMS**Specific Minimum Criteria for Each PM Panel****Panel PM01**

- (a) 4 PSPC-Recognised degree holders¹² supported by 4 degree holders¹³, with two of the degree holders each completed at least 1 project of S\$65M and above as Project PM¹⁴ (within the past 5 years)
- (b) Firm completed at least 3 projects of S\$65M and above each as the appointed PM (within the past 5 years)
- (c) 1 professional staff successfully completed the *Training Course for Universal Design (UD) Assessor* by BCA¹⁵
- (d) 1 technical or professional staff successfully completed the *Training Course for Green Mark Professional (GMP)/Green Mark Advanced Accredited Professional (GMAAP)* conducted by BCA¹⁵
- (e) 1 technical or professional staff successfully completed the *Training Course for Green Mark Facilities Professional (GMFP)/Green Mark Advanced Accredited Professional (Facilities Management (GMAAP(FM)))* conducted by BCA¹⁵
- (f) 2 technical or professional staff successfully completed the *Training Course for Green Mark Manager (GMM)/Green Mark Accredited Professional (GMAP) or Green Mark Facilities Manager (GMFM)/Green Mark Accredited Professional (GMAP(FM))* conducted by BCA¹⁵

Panel PM02

- (a) 3 PSPC-Recognised degree holders¹² supported by 3 degree holders¹³, with one of the degree holders completed at least 1 project of S\$30M and above as Project PM¹⁴ (within the past 5 years)
- (b) Firm completed at least 3 projects of S\$30M and above each as the appointed PM (within the past 5 years)
- (c) 1 professional staff successfully completed the *Training Course for Universal Design (UD) Assessor* by BCA¹⁵
- (d) 2 technical or professional staff successfully completed the *Training Course for Green Mark Manager (GMM)/Green Mark Accredited Professional (GMAP) or Green Mark Facilities Manager (GMFM)/Green Mark Accredited Professional (GMAP(FM))* conducted by BCA¹⁵

Panel PM03

- (a) 2 PSPC-Recognised degree holders¹² supported by 2 degree holders¹³, with one of the degree holders completed at least 1 project of S\$10M and above as Project PM¹⁴ (within the past 5 years)
- (b) Firm completed at least 3 projects of S\$10M and above each as the appointed PM (within the past 5 years)
- (c) 1 technical or professional staff successfully completed the *Training Course for Green Mark Manager (GMM)/Green Mark Accredited Professional (GMAP) or Green Mark Facilities Manager (GMFM)/Green Mark Accredited Professional (GMAP(FM))* conducted by BCA¹⁵

Panel PM04

- (a) 1 PSPC-Recognised degree holder¹² supported by 1 degree holder¹³, with one of the degree holders completed at least 1 project of S\$3M and above as Project PM¹⁴ (within the past 5 years)

Panel	Personnel ^{12,13}	Track Record (No. of projects completed within past 5 years)		Training Course Requirements ¹⁵			
		Firm	Degree Holder(s) completed as PM before ¹⁴	GMM/GMAP or GMFM/GMAP(FM)	GMP/GMAAP	GMFP/GMAAP(FM)	UD Assessor
PM01	4 PSPC-Recognized Deg + 4 Sp	3x ≥ S\$65mil	2x ≥ S\$65mil	2 staff	1 staff	1 staff	1 staff
PM02	3 PSPC-Recognized Deg + 3 Sp	3x ≥ S\$30mil	1x ≥ S\$30mil	2 staff	-	-	1 staff
PM03	2 PSPC-Recognized Deg + 2 Sp	3x ≥ S\$10mil ¹⁶	1x ≥ S\$10mil	1 staff	-	-	-
PM04	1 PSPC-Recognized Deg + 1 Sp	-	1x ≥ S\$3mil	-	-	-	-

¹² Degree holder with a relevant recognized degree referenced from the BOA, PEB or from the list of recognized QS-related degrees found in PSPC Terms of Listing Appendix B

¹³ Supporting professional(s) who is at least a degree holder in Architecture, Building, Construction-related Engineering or equivalent. Firms may also list more than the required number of PSPC-Recognised degree holders to fulfil the SP requirement in their PSPC application, if required.

¹⁴ Project PM refers to appointment by client/developer to provide solely project management services

¹⁵ For firms that do not satisfy this requirement, the firms are to submit a confirmation letter on successful placement for the course. The relevant "Certificate of Successful Completion" (UD Assessor, GMM/GMAP, GMFM/GMAP(FM), GMP/GMAAP and GMFP/GMAAP(FM)) is to be furnished upon successful completion of the course

¹⁶ For firms that have not completed at least three ≥ S\$10mil project within the past 5 years, personnel track record (i.e. PSPC-Recognised Degree Personnel or Sp has completed at least three ≥ S\$10mil project within the past 5 years) may be used in lieu of firm track record. Such firms would have to produce a total of 4 track records (can be a mixture of personnel or firm track record).