

Table 3.3

SPECIMEN TENDER MARKING SCHEME FOR CIVIL ENGINEERING WORKS

CONTRACT NO.
DESIGN AND CONSTRUCTION OF
PROGRAMME NO.
TENDER MARKING SCHEME

- A. Assessment of the tenders comprises two stages.
- B. At Stage I, the tenders will be vetted against a set of Mandatory Requirements. At Stage II, the tenders will be assessed based on the marking criteria set out under “Stage II – Marking” below.
- C. The assessment will be carried out by the Tender Assessment Panel.
- D. The Tender Assessment Panel (TAP) comprises the following officers:-

Chairman -

Members -

[Note: Paragraph D should be included in the submission to the CTB only and need not be included in the tender documents.]

Stage I - Screening

The Tenderer's submission must satisfy **all** Mandatory Requirements listed below. In the event that the Tenderer's submission does not satisfy **any one of** the Mandatory Requirements, his tender shall be treated as non-conforming and shall not be considered further.

	<u>Mandatory Requirement Satisfied</u>
(1) Submission of Declaration of Compliance. <i>[Note: The declaration is for confirmation of compliance with all the mandatory requirements that could not be verified at Stage I, e.g. compliance with special pricing requirements which could not be verified until the pricing envelope is opened after completion of technical assessment. It should state clearly that a tender will be disqualified should subsequent checks reveal non-compliance of any of the mandatory requirements despite that such declaration has been made.]</i>	Yes/No
(2) Compliance with the mandatory design requirements (e.g. alignment of tunnels, general layout of road and bridge, etc.)	Yes/No
(3) Other project specific mandatory requirements.	Yes/No

[Note: Mandatory Requirements should be factual, self-contained and required “yes or “no” answers. Please refer to the guidelines on setting of mandatory requirements given in items 11 to 19 of “Checklist for drawing up marking scheme for tender assessment” published by the Financial Services and Treasury Bureau at http://gld.host.ccgo.hksarg/gld/marketing_scheme/Tender_Checklist.pdf]

Stage II - Marking

- A. The assessment of the tenders is based on the attached marking criteria where marks, subject to a stated maximum, will be given to each of the criteria listed. The maximum marks are chosen to give a suitable weighting to each criterion.
- B. Tenders that do not satisfy the passing mark specified for Assessment Criterion 2.1 of the Marking Scheme shall be treated as non-conforming and shall not be considered further.
- C. Not used.
- D. The marking criteria:-

	Assessment Criteria	Marks	
		Maximum	Passing
1.0	Price (See item 1 of Annex I)		
1.1	Tender Price	100	--

		Road & Bridge Project		Tunnel Project		Process Treatment Plant Project	
	Assessment Criteria	Marks		Marks		Marks	
		Maximum	Passing	Maximum	Passing	Maximum	Passing
2.0	Non-Price (See item 2 of Annex I)						
2.1	Design						
	(a) Aesthetics and Overall Appearance	0 – 12	--	0 – 4	--	0 – 10	--
	(b) Functional and Planning Requirements	0 – 15	--	0 – 20	--	0 – 15	--
	(c) Structure and Buildability	0 – 20	--	0 – 25	--	0 – 12	--
	(d) E&M Installation	0 – 4	--	0 – 4	--	0 – 8	--
	(e) Operation and Maintenance	0 – 2	--	0 – 2	--	0 – 8	--
	(f) Environmental Friendliness, Health & Safety	0 – 4	--	0 – 4	--	0 – 8	--
	(g) Life Cycle Plan & Energy Efficiency	0 – 4	--	0 – 4	--	0 – 10	--
	(h) Innovation	0 – 4	--	0 – 4	--	0 – 5	--
	(A) Sub-Total	(60)	(30)	(60)	(30)	(60)	(30)
2.2	Technical Submission						
	(a) Method Statement	0 – 16	--	0 – 16	--	0 – 16	--
	(b) Outline Programme	0 – 4	--	0 – 4	--	0 – 4	--
	(c) Quality of Submission	0 – 2	--	0 – 2	--	0 – 2	--
	(d) Risk Management	0 – 3	--	0 – 3	--	0 – 3	--
	(B) Sub-Total	(20)	--	(20)	--	(20)	--
2.3	Technical Resources						
	(a) Project Management Team	0 – 5	--	0 – 5	--	0 – 5	--
	(b) Design Management Team	0 – 5	--	0 – 5	--	0 – 5	--
	(c) Proposed Essential Plant and Equipment	0 – 5	--	0 – 7	--	0 – 3	--
	(C) Sub-Total	(10)	--	(10)	--	(10)	--
2.4	Quality Assurance / Construction Quality / Outline Safety / Outline Environmental Management Plans	0 – 4	--	0 – 4	--	0 – 4	--
2.5	Past Performance	0 – 8	--	0 – 8	--	0 – 8	--
2.6	Offer Exceeding Requirements	0 – 3	--	0 – 3	--	0 – 3	--
	(D) Sub-Total	(10)	--	(10)	--	(10)	--
	TOTAL MAXIMUM MARK for 2.0 (A+B+C+D)	100	--	100	--	100	--

[Works department may consider limiting the number of pages of technical proposal and drawing submissions in the form as shown below:

Tenderer shall submit a technical proposal in no more than [X1] pages A4 and [X2] pages A3 drawings with margin not less than 25mm and character font size not less than 12. [X3] mark shall be deducted from the overall mark for each extra page. [X4] mark should be deducted if the submission does not conform to the font size,

margins, paper size and other format requirements. The maximum deduction of marks regarding non-conformance on number of pages and formats shall be [X6]¹²

[NOTE: The maximum marks for Price and Non-price criteria is set at 100 respectively. The above Non-price criteria, maximum and passing marks are used for design and build civil engineering contracts. They are indicative only and shall be determined on a project by project basis. Price/Non-price weighting should be determined based on the primary objective of the D&B project. Guidance is given in Section 3.6 of these Administrative Procedures. Please refer to the "Checklist for Drawing up Marking Scheme for Tender Assessment" published by the Financial Services and Treasury Bureau at http://gld.host.ccgo.hksarg/gld/marking_scheme/Tender_Checklist.pdf and guideline for adopting a marking scheme for Tender Evaluation SPR 350(f) and 445(d) of the SPR for additional guidance.]

¹² Works departments to insert figures in [X1, X2, X3, X4, X5, X6] as appropriate according to nature and complexity of tenders.

EXPLANATORY NOTES FOR TENDER MARKING SCHEME**1.0 Price Assessment**

1.1 Tender Price (100 marks) :

1.2 For example, in a project where the price to non-price ratio is set at 50/50, the lowest tender (T1) among all the conforming tenders will be awarded the maximum mark, i.e., M1 = 100 . Marks will then be allocated to other conforming tenders (T2, T3 and T4) proportionally in relation to the tender prices as follows:

Tender prices: TP1, TP2, TP3, TP4 (TP1 being the lowest tender price among the conforming tenders)

Note: 1. Tender prices will be discounted to “net present value” for comparison purposes.

Allocation of Marks:	M1 = Max. Mark (i.e. 100)
	M2 = Max. Mark x $\frac{TP1}{TP2}$
	M3 = Max. Mark x $\frac{TP1}{TP3}$
	M4 = Max. Mark x $\frac{TP1}{TP4}$

1.3 For the purpose of calculation using the above formulas, please refer to item 5.2 below for the definition of conforming tender.

2.0 Non-price Assessment

Assessment Criteria / Sub-Criteria		Aspects	Project Type						
			Permitted Maximum Marks	Road & Bridge Project	Permitted Maximum Marks	Tunnel Project	Permitted Maximum Marks	Process Treatment Plant	
2.0 Non-price (Permitted Maximum: 100 marks)									
2.1	Design (Permitted Maximum: 60 marks)								
	a) Aesthetics and Overall Appearance	- Visual impact	0 -12	Permitted marks (0 – 6) <ul style="list-style-type: none">- Material & colour selection- Quality of finish of enclosures, viaduct superstructure, columns, and associated structural elements- Form of Structures / Facilities- ACABAS considerations [Note: Since ACABAS membership comprises of both government and outside representatives, the provisions of the SPR on avoidance of conflict of interest and confidentiality of tender information (including SRP 186 and 187) should be considered if members of ACABAS are invited to take up the advisory role for the purpose of tender assessment.]	0 - 4	Permitted marks (0 – 3) <ul style="list-style-type: none">- Internal finishes for traffic related tunnels e.g. VE panel, cladding, painting- Lining finish for drainage tunnel	0 - 10	Permitted marks (0 – 6) <ul style="list-style-type: none">- Material & colour- Quality of finish of superstructure, columns, and associated structural elements- Integration of architectural theme	
		- Project identity and image		Permitted marks (0 – 3) <ul style="list-style-type: none">- Type of bridge e.g. cantilever suspended span, steel truss, etc.- Form and shape- Steel or concrete		- Normally not required		- Normally not required	
		- Integrate with and contribute to the surrounding community		Permitted marks (0 – 3) <ul style="list-style-type: none">- Overall design to harmonize with the adjacent environment- Response to the urban / natural context of the project		- Normally not required		Permitted marks (0 –3) <ul style="list-style-type: none">- Social harmony of the design of the building facilities	

Assessment Criteria / Sub-Criteria			Aspects	Project Type					
				Permitted Maximum Marks	Road & Bridge Project	Permitted Maximum Marks	Tunnel Project	Permitted Maximum Marks	Process Treatment Plant
			- Adequacy of landscaped and open space		Permitted marks (0 – 2)		Permitted marks (0 – 2)		Permitted marks (0 – 3) - Landscape works for treatment plant
		b) Functional and Planning Requirements	- Design parameters and approach	0- 15	Permitted marks (0 – 7) <ul style="list-style-type: none"> - Loadings requirements - Traffic flow - Dynamic / dead loading requirements - Wind effect - TCSS - Vibration control 	0 - 20	Permitted marks (0 – 15) <ul style="list-style-type: none"> - Dimensional parameters - Traffic flow - Hydraulic - Control of water inflow - TCSS for traffic tunnel 	0 - 15	Permitted marks (0 – 10) <ul style="list-style-type: none"> - Building footprint analysis - Process flow diagram and design flowchart - Process design <ul style="list-style-type: none"> (i) Project specific design e.g Disinfection process design (ii) Sewage treatment (iii) Incineration (iv) Water treatment
			- Space requirements including alignments and levels	-	Permitted marks (0 – 7) <ul style="list-style-type: none"> - Site constraints - Span of bridge - Dimension, alignments, levels 		Permitted marks (0 – 5)		Permitted marks (0 – 8) <ul style="list-style-type: none"> - Environmental control plant & monitoring e.g. air, noise, waste - Arrangement of equipment, duct run, pipe run, etc. - Energy consumption - Consumable consumptions e.g. chemical, water, lubrication, etc
			- Efficiency and completeness of design layout		Permitted marks (0 – 4) <ul style="list-style-type: none"> - Traffic analysis 		Permitted marks (0 – 5) <ul style="list-style-type: none"> - Appreciation of constraints - Durability and maintenance 		
		c) Structure and Buildability	- Effectiveness of structural layout	0 - 20	Permitted marks (0 – 10) <ul style="list-style-type: none"> - Appreciation of constraints, proposal for structural elements, good articulation of the structures 	0 - 25	Permitted marks (0 – 15) <ul style="list-style-type: none"> - Appreciation of constraints, proposal for structural elements, good articulation of the structures 	0 - 12	Permitted marks (0 – 7) <ul style="list-style-type: none"> - Appreciation of constraints, proposal for structural elements, good articulation of the structures - Structural support for major

Assessment Criteria / Sub-Criteria			Aspects	Project Type					
				Permitted Maximum Marks	Road & Bridge Project	Permitted Maximum Marks	Tunnel Project	Permitted Maximum Marks	Process Treatment Plant
						<ul style="list-style-type: none">- Temporary works design- Ventilation, dewatering design- Fire escape design- Lighting design		<ul style="list-style-type: none">- equipment- Vibration from major equipment	
			<ul style="list-style-type: none">- Adequacy of solution to meet structural design requirements	Permitted marks (0 – 10) <ul style="list-style-type: none">- Durability	Permitted marks (0 – 10)	Permitted marks (0 – 4)			
			<ul style="list-style-type: none">- Ease of construction	Permitted marks (0 – 5) <ul style="list-style-type: none">- Foundation type- Structural form- Erection method and construction sequence	Permitted marks (0 – 5) <ul style="list-style-type: none">- Design layout to suit site constraint	Permitted marks (0 – 2)			
		d) M&E Installation	<ul style="list-style-type: none">- Efficiency of design and planning of M&E systems	0 - 4	Permitted marks (0 – 1) <ul style="list-style-type: none">- Steel layout- CCTV camera- Drainage- Ornamental lighting	0 - 4	Permitted marks (0 – 1) <ul style="list-style-type: none">- Ventilation and lighting	0 - 8	Permitted marks (0 – 2) <ul style="list-style-type: none">- Construction sequences
		<ul style="list-style-type: none">- Effectiveness of solutions to meet M&E design requirements	Permitted marks (0 – 1) <ul style="list-style-type: none">- No. of lighting per m2- Noise enclosure- No. of CCTV per m		Permitted marks (0 – 1) <ul style="list-style-type: none">- Fire prevention requirements		Permitted marks (0 – 2) <ul style="list-style-type: none">- Reliability- Duty / standby provision		
		<ul style="list-style-type: none">- Phasing of M&E works completion including testing and commissioning proposals	Permitted marks (0 – 2)		Permitted marks (0 – 2)		Permitted marks (0 – 2)		
		<ul style="list-style-type: none">- Flexibility for future replacement, alterations and expansion	Permitted marks (0 – 1)		Permitted marks (0 – 1)		Permitted marks (0 – 3) <ul style="list-style-type: none">- Testing and commission, program, resources arrangement		

Assessment Criteria / Sub-Criteria			Aspects	Project Type					
				Permitted Maximum Marks	Road & Bridge Project	Permitted Maximum Marks	Tunnel Project	Permitted Maximum Marks	Process Treatment Plant
		e) Operation and Maintenance	<ul style="list-style-type: none">- Adequacy of operation and maintenance facilities and provisions	0 - 2	Permitted marks (0 – 2) <ul style="list-style-type: none">- Identifying the potential risk and danger at each construction stage, corresponding precautions and remedial / contingency measures	0 - 2	Permitted marks (0 – 2) <ul style="list-style-type: none">- Durability	0 - 8	Permitted marks (0 – 3) <ul style="list-style-type: none">- Outline interim operation plan
			<ul style="list-style-type: none">- Ease of operation and maintenance		Permitted marks (0 – 2) <ul style="list-style-type: none">- Statement of maintainability		Permitted marks (0 – 2) <ul style="list-style-type: none">- Ease of maintenance		Permitted marks (0 – 6) <ul style="list-style-type: none">- Maintenance access- Lifting arrangement- Major preventative maintenance schedule- Occupational safety- Compliance (Environmental Performance)- Compliance (Operational Requirements)
		f) Environmental Friendliness, Health & Safety	<ul style="list-style-type: none">- Sustainability of design with green measures incorporated.	0 - 4	Permitted marks (0 – 2)	0 - 4	Permitted marks (0 – 2)	0 - 8	Permitted marks (0 – 3)
			<ul style="list-style-type: none">- Use of environmentally friendly materials, such as reusable and recyclable products, and processes.		Permitted marks (0 – 2)		Permitted marks (0 – 2)		Permitted marks (0 – 3)
			<ul style="list-style-type: none">- Adequacy of health and safety considerations.		Permitted marks (0 – 2)		Permitted marks (0 – 2)		Permitted marks (0 – 3)
		g) Life Cycle Plan & Energy Efficiency	<ul style="list-style-type: none">- Adequacy of Life Cycle Plan in service-life planning of key materials, equipment and systems used for civil engineering and M&E works, including service life predictions, maintenance and repair	0 - 4	Permitted marks (0 – 2)	0 - 4	Permitted marks (0 – 2)	0 - 10	Permitted marks (0 – 4)

Assessment Criteria / Sub-Criteria			Aspects	Project Type					
				Permitted Maximum Marks	Road & Bridge Project	Permitted Maximum Marks	Tunnel Project	Permitted Maximum Marks	Process Treatment Plant
			requirements, replacement schedules and mid-life refurbishment plans, if appropriate						
			- Cost effectiveness of design in terms of durability, maintenance and repair needs, and frequency and availability of replacement of the proposed key materials, equipment and systems throughout the service life, including <i>[where possible]</i> a comparison of economic benefit of each proposed key material, equipment and system with that specified in the Employer's Requirements or other choices which are commonly used in conventional civil engineering projects with supporting documentation.		Permitted marks (0 – 2)		Permitted marks (0 – 2)		Permitted marks (0 – 4)
			- Estimation of energy efficiency of design achieved through the incorporation of energy-saving measures, energy-efficient features and renewable-energy technologies, including <i>[where possible]</i> a projection of the reduction in energy consumption by each of such provisions with detailed calculation provided.		Permitted marks (0 – 2)		Permitted marks (0 – 2)		Permitted marks (0 – 4)
		h) Innovation	- Adoption of innovative design solutions and construction methods to enhance quality, save construction time or cost, or minimize risks	0 - 4	Permitted marks (0 – 1.5)	0 - 4	Permitted marks (0 – 1.5)	0 - 5	Permitted marks (0 – 2)

Assessment Criteria / Sub-Criteria			Aspects	Project Type					
				Permitted Maximum Marks	Road & Bridge Project	Permitted Maximum Marks	Tunnel Project	Permitted Maximum Marks	Process Treatment Plant
			and impacts.						
			- Adoption of innovative designs of M&E systems and other operation and maintenance facilities to enhance quality, save construction time or cost, or minimize risks and impacts.		Permitted marks (0 – 1.5)		Permitted marks (0 – 1.5)		Permitted marks (0 – 2)
			- Incorporation of innovative green measures.		Permitted marks (0 – 1.5)		Permitted marks (0 – 1.5)		Permitted marks (0 – 2)
2.2 Technical Submission (Permitted Maximum: 20 marks)									
		a) Method Statement	(Permitted Maximum: 0 -16 marks) <ul style="list-style-type: none">- Understanding of site constraints. Permitted marks (0 – 5)- Adequacy of detailed descriptions of design and construction sequences and including installation of M&E system. Permitted marks (0 – 5)- Adequacy of details of proposals for temporary works and monitoring construction impacts. Permitted marks (0 – 5)- Adequacy of safety, health and environmental protection considerations during construction. Permitted marks (0 – 5)						
		b) Programme	(Permitted Maximum: 0 - 4 marks) <ul style="list-style-type: none">- Adequacy of design programme. Permitted marks (0 – 3)- Adequacy of construction programme. Permitted marks (0 – 3)						
		c) Quality of Submission	(Permitted Maximum: 0 - 2 marks) <ul style="list-style-type: none">- Adequacy of submitted documentation in compliance with the Employer's Requirements. Permitted marks (0 – 2)- Clarity, structure, reader-friendliness and quality of presentations. Permitted marks (0 – 2)						
		d) Risk Management	(Permitted Maximum: 0 - 3 marks) <ul style="list-style-type: none">- Risk identification according to the proposed design and method of construction. Permitted marks (0 – 1)- Risk assessment. Permitted marks (0 – 1)						
			<ul style="list-style-type: none">- Risk response strategies. Permitted marks (0 – 1)						

Assessment Criteria / Sub-Criteria			Aspects	Project Type					
				Permitted Maximum Marks	Road & Bridge Project	Permitted Maximum Marks	Tunnel Project	Permitted Maximum Marks	Process Treatment Plant
			- Risk monitoring and control strategies. Permitted marks (0 – 1)						
2.3			Technical Resources (Permitted Maximum: 10 marks)						
		a) Project Management Team	(Permitted Maximum: 0 - 5 marks) - Qualification of project management team. Permitted marks (0 – 3) - Experience of project management team. Permitted marks (0 – 3) - Effectiveness in liaison management. Permitted marks (0 – 3)						
		b) Design Management Team	(Permitted Maximum: 0 - 5 marks) - Qualification of design management team. Permitted marks (0 – 3) - Experience of design management team. Permitted marks (0 – 3) - Effectiveness in liaison management. Permitted marks (0 – 3)						
		c) Proposed Essential Plant and Equipment	- Number of proposed plant and equipment and their durations for use on site.	0 - 5	Permitted marks (0 –3)	0 - 7	Permitted marks (0 –4)	0 - 3	Permitted marks (0 – 2)
			- Environmental friendly plant and equipment.		Permitted marks (0 –3)		Permitted marks (0 – 4)		Permitted marks (0 – 2)
2.4			Quality Assurance/Construction Quality/Safety and Environmental Protection Plans (Permitted Maximum: 4 marks)						
		a) Quality Assurance / Construction Quality/Safety and Environmental Protection Plans	- Adequacy of details and project specific procedures in Quality Assurance Plan to ensure design and construction quality. Permitted marks (0 – 3) - Adequacy of details and project specific procedures in Safety Plan. Permitted marks (0 – 3) - Adequacy of details and project specific procedures in Environmental Protection Plan. Permitted marks (0 – 3)						
2.5			Past Performance (Permitted Maximum: 8 marks)						
		a) Past Performance	- Workmanship. Permitted marks (0 - 0.8) - Progress. Permitted marks (0 - 0.8) - Site safety and safety rating. Permitted marks (0 – 2.4) - Environmental control. Permitted marks (0 - 0.8)						

Assessment Criteria / Sub-Criteria			Aspects	Project Type				
				Permitted Maximum Marks	Road & Bridge Project	Permitted Maximum Marks	Tunnel Project	Permitted Maximum Marks
			<div>- General obligations. Permitted marks (0 - 0.4)</div> <div>- Training rating². Permitted marks (0 - 0.4)</div> <div>- Attitude to claims. Permitted marks (0 - 0.4)</div> <div>- Record against convictions under the Immigration Ordinance, Employment Ordinance or other site safety, environment related and road opening offences. Permitted marks (0 - 0.8)</div> <div>- Other aspects, if any. Permitted marks (0 - 0.4)</div> <div>- Overall performance. Permitted marks (0 - 0.8)</div>					
	2.6	Offer Exceeding Requirements (Permitted Maximum: 3 marks)						
		a) Offer Exceeding Requirements	<div>- Works departments shall carefully set out the specific aspects and details of this particular assessment criterion so that it will not overlap with other assessment criteria in the marking scheme. If works department cannot identify any such aspects, the mark for this criterion should be redistributed to other assessment criteria.</div> <div>- Permitted marks (0 – 3)</div>					
Total			100					

² Include “training rating” for Group C tenders the tender invitation of which are issued on or after 1 October 2018. Otherwise delete “training rating”.

Notes:

1. Each aspect of the sub-criterion in Assessment Criteria 2.1 to 2.4 and 2.6 will be assessed in accordance with the Marking Yardstick as shown in the following table to derive the mark awarded for the respective sub-criterion or assessment criterion. The cumulative mark for all sub-criteria will derive the sub-total for each assessment criterion. The total mark of all the assessment criteria will derive the total Non-price score.

Marking Yardstick (Example)

Grade	% of Max. Mark to be apportioned to the Respective Aspect/Sub-criterion
Very Good	100
Good	75
Satisfactory	50
Less Satisfactory	25
Poor	0

(Note: Detailed marking guidelines should be prepared for the internal use by the Tender Assessment Panel members to facilitate objective and consistent award of Non-price scores. These guidelines should be given to the tenderers as far as possible to facilitate their preparation of Technical Submission.)

2. For the purpose of assessing past performance in attributes under Assessment Criterion 2.5, each participant/shareholder of a joint venture tenderer shall be separately assessed. The mark of the joint venture tenderer shall be the weighted average of the marks attained by each participant or shareholder for the respective attributes in this joint venture tenderer based on their respective percentages of financial participation and subject to the following rules.

For assessing past performance of each participant/shareholder of a past/existing joint venture contract, the past performance records of the whole joint venture contract shall be attributed to the participant/shareholder irrespective of the value of his share of works in the past/existing joint venture contract. If none of the participants/shareholders of the joint venture tenderer has any performance records for those contracts referred to in the attributes under Assessment Criterion 2.5 for the period under assessment, the marking shall be based on the average mark obtained by the other tenderers in the corresponding attribute under Assessment Criterion 2.5 who have satisfied (a), (b) and (c) under item 5.2 below. Where there are two participants/shareholders in the joint venture tenderer and there are no performance records aforesaid for a participant/shareholder of the joint venture tenderer for the period under assessment, the total mark for this joint venture shall then be the mark obtained by the other participant/shareholder of this joint venture with performance records aforesaid for the corresponding attributes. If there are more than one other participant/shareholder in this joint venture, the total mark for this joint venture shall be the weighted average of the marks obtained by these other participants/shareholders with performance records aforesaid only in accordance with their percentages of financial participation for the corresponding attributes. For example, if tenderer A is composed of 3 participants X, Y and Z with 30%, 30% and 40% of financial participation respectively. If participant X has obtained 1 mark, participant Y has obtained 0.5 mark and participant Z has no performance record for the attribute in question, the total mark for tenderer A shall be $(1 \times 0.3 + 0.5 \times 0.3) / (0.3 + 0.3) = 0.75$ marks.

3.0 Price Score (maximum = 50, where a price to Non-price ratio of 50/50 is adopted)

- 3.1 The Price Score of each tender is equal to 50% of the marks allocated to the respective tender in accordance with Para. 1.1 above (i.e., for tender T1, $P1 = 50\% \times$

M1; for tender T2, $P2 = 50\% \times M2$; for tender T3, $P3 = 50\% \times M3$; for tender T4, $P4 = 50\% \times M4$).

4.0 Non-price Score (maximum = 50, where a price to Non-price ratio of 50/50 is adopted)

- 4.1 For example, in a standard project with weighting of Price to non-price ratio of 50/50, the tender with the total of the marks obtained for Assessment Criteria 2.1 to 2.6 ("total Non-price marks") being highest among all the conforming tenders will be awarded the maximum non-price Score of 50 . If T2 has the highest total Non-price marks of 90 (i.e. $N2 = 90$ marks), the non-price Score of this tender will be 50 (i.e. $Q2 = 50$). Non-price Scores ($Q1$, $Q3$ and $Q4$) will then be allocated to other conforming tenders ($T1$, $T3$ and $T4$) proportionally in relation to the total non-price marks as follows:

Total Non-price marks: $N1$, $N2$, $N3$, $N4$ ($N2$ being the highest total Non-price mark)

Allocation of Scores: $Q2 = \text{Max. Score (i.e. 50)}$

$$Q1 = \text{Max. Score} \times \frac{N1}{N2}$$

$$Q3 = \text{Max. Score} \times \frac{N3}{N2}$$

$$Q4 = \text{Max. Score} \times \frac{N4}{N2}$$

5.0 Total Combined Score (maximum = 100)

- 5.1 The Total Combined Score of each tender is equal to the sum of the respective Price Score and Non-price Score (e.g. for tender $T1$, the Total Score = $P1 + Q1$).
- 5.2 For the purpose of calculation using the formulas quoted above, a conforming tender means which
- (a) conforms to the essential requirements of the tender documentation;
 - (b) is submitted by a tenderer which complies with the conditions of participation;
 - (c) has passed Stage I – Mandatory Screening; and
 - (d) In respect of its technical submissions, has satisfied the passing mark requirements.

A conforming tender with abnormally low or high tender price or is considered unsuitable for recommendation for the award of the contract (such as financially, commercially or technically incompetent) remains to be a conforming tender. However, any tender failing to reach any set passing mark will be disregarded in the formula calculations.