



MEMO

<i>From</i> Secretary for Development	<i>To</i> Distribution
<i>Ref</i> (03KHY) in WP5S-030-010-050-003	<i>(Attn : _____)</i>
<i>Tel. No.</i> 3509 8385	<i>Your Ref.</i> _____
<i>Fax No.</i> 2524 9308	<i>dated</i> _____
<i>Email</i> terencetmlam@devb.gov.hk	<i>Fax No.</i> _____
<i>Date</i> 11 December 2024	<i>Total Pages</i> 2 + encl.

Accident Frequency Rate Limit for Public Works Contracts (with effect from 1 January 2025)

We are committed to providing a safe and healthy environment at public works sites, and protecting personnel who may be affected by construction works.

2. The current accident frequency rate (AFR) limit for public works contracts is 0.6 reportable accidents per 100 000 man-hours worked (or equivalent to 22 accidents per 1 000 workers per year), effective since 1 February 2011.

3. The overall AFR for public works have been continuously decreasing in the past decade from 0.34 reportable accidents per 100 000 man-hours worked in 2011 to 0.14 reportable accidents per 100 000 man-hours worked recently, representing a decrease of more than 50%. The achievement is remarkable and we will endeavour to keep up our effort to maintain the downward trend.

4. To give more impetus to enhancing site safety performance of public works contracts, the AFR limit will be lowered by 50% to **0.3 reportable accidents per 100 000 man-hours worked** (or equivalent to 11 accidents per 1 000 workers per year), **with effect from 1 January 2025**. We will closely monitor the safety performance of works departments against this new limit.

5. Along with the revision of AFR limit, the revised pages of Chapter 1, Chapter 9 and Chapter 12 of the Construction Site Safety Manual (CSSM) are attached. For the avoidance of doubt, the revisions in Chapter 1 and Chapter 9 of the CSSM shall be effective on 1 January 2025 and the revisions of Pay for Safety Performance Merit Scheme in Chapter 12 of the CSSM shall be applicable for all capital works contracts including electrical and mechanical (E&M) contracts and Design and Build (D&B) contracts which adopt Pay for Safety Scheme with tenders to be invited on or after 1 January 2025.

6. Please bring this memo to the attention of all project officers, consultants, resident site staff supervising public works contracts, and contractors.

7. Any enquiries on the above should be addressed to Mr LEE Man-yiu, Assistant Secretary (Works Policies 5) 5 at 3509 8305.

(Terence T M LAM)
for Secretary for Development

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CHAPTER 1 POLICY, OBJECTIVES AND STRATEGY

1.1 POLICY

- 1.1.1 It is the policy of the Government of the Hong Kong Special Administrative Region to accomplish public works safely, efficiently and with due regard to the environment. Safety considerations must be given priority in both design and construction. During the planning and design stage, considerations should be given to alternative engineering solutions and/or incorporate safety measures to eliminate and/or reduce the risks encountered by those during construction and subsequent inspection and maintenance activities.
- 1.1.2 Accidents wreck lives, disrupt work and are costly. The Development Bureau (DEVB) is committed to provide a safe and healthy working environment for all personnel in public works construction sites and others who may be affected by the works.
- 1.1.3 The DEVB requires all staff involved in the Public Works Programme (PWP) to comply with the contents of the PWP Construction Site Safety Manual.

1.2. OBJECTIVES

- 1.2.1 Every PWP contract* should aim at zero fatal accidents.
- 1.2.2 Every PWP contract should aim at zero dangerous occurrences (see paragraph 9.1.1(b) for the definition of dangerous occurrence).
- 1.2.3 Every PWP contract should aim at an accident frequency rate of less than **0.30** reportable accidents** **per 100,000 man-hours worked** (or equivalent to about **11** reportable accidents per 1,000 workers per year).

(Notes: * “contract” means works contract, term contract, design and build contract, etc.

** Reportable accident means accidents resulting in an injury with incapacity for more than three days.)

1.3 STRATEGY

The following general approach is adopted with a view to achieving the objectives set out in Section 1.2:

- 1.3.1 Secure commitment of all parties involved, including works departments and other concerned departments, consultants, contractors, sub-contractors, workers and utility undertakings;
- 1.3.2 incorporate contractual provisions requiring contractors to provide a safe and healthy working environment for all personnel in public works construction sites and others who may be affected by the works. Such contractual provisions should also require contractors to ensure

compliance by their sub-contractors (see Chapter 3);

- 1.3.3 select contractors who give proper consideration to construction safety to carry out works; safety aspects must be given a high weighting factor in pre-qualification exercises;
- 1.3.4 arrange safety training for ***Architect/Engineers' site staff supervising PWP contracts (see Chapter 5 and WBTC No. 12/01);
- 1.3.5 establish Site Safety Management Committees to monitor the implementation of safety plans and/or the contractor's site safety obligations as set out in the contract (see Chapter 6);
- 1.3.6 build up a database for dangerous occurrences and accidents which result in death or incapacity for more than 3 days for monitoring, analysis and formulation of measures on accident prevention (see Chapter 9); and
- 1.3.7 review and update the Construction Site Safety Manual to assist Works Departments in administrating construction safety matters for public works contracts.

(Note : *** Architect/Engineer shall mean the Architect or Engineer or Maintenance Surveyor supervising public works contract, or the Supervising Officer in the case of a design and build contract.)

works contracts.

- (b) Development Bureau will analyse the accident statistics stored in the database and prepare consolidated reports to the PS(W), the Works Group of Directors and the Safety and Environmental Advisers' Committee.
- (c) Works departments are expected to use the software to analyse the accident statistics for contracts managed by them.

9.3.4 Follow up Action

- (a) It is the responsibility of the Site Safety Management Committees and Site Safety Committees to study accident statistics and trends, so as to identify the unsafe conditions and unsafe practices, and then take appropriate actions to eliminate the major sources of accidents.
- (b) It is the responsibility of the consultants and project offices/divisions to take note of the levels and trends of accidents in contracts managed by them and take appropriate contractual/administrative actions where necessary.
- (c) The DSEA shall monitor the site accident statistics and prepare a list of contracts with average accident frequency rates in any rolling three-month period exceeding 80% of the accident frequency rate limit as stated in Chapter 1 of this Manual and having 2 or more reportable accidents occurred within that period, to the respective head of office / branch (at D2 level or above). The DSEA shall recommend to the head of office / branch whether the Contractor shall be required to submit a written report. If the head of office / branch decides that a written report is required, then he / she shall ensure that the following actions will be taken:
 - (i) The relevant D1 or above officer of the project office /branch should conduct an interview with the Contractor's site management to express concerns on the situation and request the Contractor to submit a report (which shall be copied to DSEA) within 2 weeks' time. The report shall cover the following :

- description of the causes and severity of each of the accidents that occurred during the period and actions taken to prevent recurrence;
 - description of the problematic areas and weaknesses identified in the site safety management system and actions taken to improve the situation; and
 - proposal for monitoring and upkeeping site safety improvement measures to lower down the accident rate.
- (ii) In addition to (c)(i), the Contractor shall submit monthly reports on implementation of the mitigation measures. The Architect/Engineer should advise the head of office / branch, project office / division and DSEA on the effectiveness of the mitigation measures.
- (iii) The Architect/Engineer's Representative should step up his / her involvement in the Weekly Safety Walks and SSMC meetings.
- (iv) The Architect/Engineer should closely monitor the Contractor's implementation of the mitigation measures and reflect the Contractor's safety performance in the Report on Contractor's Performance. An Adverse Report should be given if warranted.

The above actions should continue until the Architect/Engineer is satisfied with the implementation of the improvement measures by the Contractor.

- (d) If the rolling three-month average accident rate of a contract exceeds by 50% or more of the accident frequency rate limit as stipulated in Chapter 1 of this Manual (viz. 150% of the accident frequency rate limit) and having 2 or more reportable accidents, the DSEA shall recommend to the head of office / branch whether the Contractor shall be required to submit a written report. If the head of office / branch decides that a written report is required, then he / she shall ensure that actions under (c) above should be carried out likewise except that the interview under (c)(i) should be conducted by a D2 or above officer.
- (e) Notwithstanding the above, the DSEA shall recommend to the

head of office / branch for asking the Contractor of any contract to submit a written report if the Contractor has exhibited persistent poor safety performance on the basis of DSEA's observation during regular site safety inspections, even though the thresholds on accident rates and number of reportable accidents mentioned in (c) and (d) above have not been exceeded. The written report shall also be copied to the DSEA.

9.3.5 Collection of Statistics of Severe Incidents

- (a) Statistics of the following severe incidents shall be collected:
- fatal construction accidents; OR
 - any injury arising from construction activity, which requires hospitalization for 3 or more nights*, between the day admitted to and the day discharged from the hospital; OR
 - any injury arising from construction activity, which requires hospitalization for 2 nights* AND with admission to the Intensive Care Unit, between the day admitted to and the day discharged from the hospital.

* For instance, if an injured worker has been in-patient from 1 January 2017 to 3 January 2017, then the hospitalization is considered as 2 nights.

- (b) For each of the non-fatal incidents mentioned in paragraph 9.3.5(a) above, the Contractor shall submit, with the consent of the injured worker obtained, the medical certificate issued by the hospital that the injured worker stayed, with the name of patient, name of hospital, period of hospitalization, cause(s) of hospitalization and the name of the doctor responsible indicated. The Architect/Engineer's Representative receiving the medical certificate shall pass a copy of it to the DSEA. In case the consent of the injured worker could not be obtained, then the Contractor shall report the same to the Architect/Engineer's Representative based on their understanding and/or communication with the injured worker or his/her family member(s), with a declaration that the information contained in the report is true and accurate to the Contractor's best knowledge.

- (c) If for whatever reason(s) the Contractor could not provide the medical certificate or report with declaration mentioned in (b) above for an injured worker with admission to the hospital, then the incident shall be regarded as a severe incident.

9.3.6 Handling of Under-reporting and Late-reporting of Reportable Accidents

- (a) If there is any under-reporting or late reporting of reportable accident received by or made known to the project team or the Architect/Engineer via other means (i.e. not via the Contractor direct), the Contractor shall provide the Architect/Engineer within three months after the Contractor being notified of the case the details of the reportable accident and the Injury Report Form for Works Department to upload to the PCSES system, or sufficient evidence to dismiss the case.
- (b) If the Contractor could not provide sufficient evidence to dismiss the case, the Works Department will include the accident case concerned into the accident statistics and the performance of the Contractor will be duly reflected in the Report on Contractor's Performance, based on the prevailing provisions provided in DEVB TC(W) No. 1/2020 on Score Card for Assessment of Site Safety Performance and its subsequent updates, if any.

Safety Performance Indicators for PFSPMS

1. No reportable accident in a month.
2. No notice of safety or environmental prosecution received in a month.
3. Compliance of safety training (Silver Card) for workers of specified trades per month. [Payment is to be made if number of workers with Silver Card training/total number of workers requiring Silver Card > 90%.]
4. Half yearly review of safety performance – based on notices received from Labour Department (LD) in the half year:
 - No Part I Inspection Notice from LD in the half year; and
 - Not more than 5 Part II Inspection Notice from LD in the half year; and
 - No Improvement Notice or Suspension Notice from LD in the half year.
5. 12-month rolling accident frequency rate for reportable accidents (in terms of number of reportable accidents per 100,000 man-hours worked) below **0.13** per 100,000 man-hours worked.
6. Yearly review of safety performance – no fatal accident in a year.
7. Achievement in safety campaigns organized by the Development Bureau [i.e. Considerate Contractors Site Award Scheme (CCSAS)]: -
 - Award under the Considerate Contractors Site Award (CCSA);
 - Award under the Outstanding Environmental Management Performance Award (OEMPA)
 - If the Contractor does not receive any award under CCSA of CCSAS – measurement is made based on the percentage of level 1 (being the highest grade) received in the site assessments.
 - If the Contractor does not receive any award under OEMPA of CCSAS – measurement is made based on the percentage of level 1 (being the highest grade) received in the site assessments
8. Final review of safety performance –
 - No fatal accident in the measurement period as defined in the Measurement Rules; and
 - Cumulative accident frequency rate for reportable accidents below **0.13** per 100,000 man-hours worked in the measurement period as defined in the Measurement Rules.

		the threshold of 0.13 per 100,000 man-hours worked. The period to be measured for this item shall commence on the earliest date of possession of the Site and end on the date six months after the time for completion of the Works or if the Works are divided into Sections, the time for completion of the last Section or an earlier or later date notified by the Architect/Engineer/Supervising Officer provided that such date shall not be earlier than the last date of the time for completion of the Works or the last Section, as the case may be. Any month which is not a complete calendar month shall not be included in any 12-month rolling period for calculation of the 12-month rolling accident frequency rate for reportable accidents for this item. No measurement shall be made for this item for any time before or after the above mentioned period to be measured for this item.
	24	The item shall be measured once only for any 12-month rolling period of which the 12-month rolling accident frequency rate for reportable accidents is below 0.13 per 100,000 man-hours worked.
	25	No measurement shall be made for this item for any period which is not a 12-month rolling period or for any 12-month rolling period of which the 12-month rolling accident frequency rate for reportable accidents is equal or higher than 0.13 per 100,000 man-hours worked.
<i>12-month rolling accident frequency rate for reportable accidents</i>	26	The item for “12-month rolling accident frequency rate for reportable accidents” shall include for:
<i>Item coverage</i>		(a) all efforts, costs, expenses, loss or profit provided, incurred or allowed by the Contractor for striving to achieve the performance required by this item.
	6. YEARLY REVIEW OF SAFETY PERFORMANCE - NO FATAL ACCIDENT IN A YEAR	
<i>Units</i>	27	The unit of measurement shall be:
		(i) yearly review of safety performance - no fatal accident in a year ... year
<i>Measurement</i>	28	The first year to be included in the period to be measured for this item shall commence on the earliest date of possession of the Site and end on the last day of the calendar year within which the earliest date of possession of the Site falls. The second year shall commence on the first day of the second calendar year and end on the last day of the second calendar year and the subsequent years shall run in similar way. The last year to be included in the period to be measured for this item shall end on the date six months after the time for completion of the Works, or if the Works are divided into Sections, the time for completion of the last Section or an earlier or later date notified by the Architect/Engineer/Supervising

		(ii) cumulative accident frequency rate for reportable accidents.....item
<i>Measurement</i>	50	The period covered by “no fatal accident” shall be the time commencing on the earliest date of possession of the Site and ending on the date six months after the time for completion of the Works or if the Works are divided into Sections, the time for completion of the last Section or an earlier or later date notified by the Architect/Engineer/Supervising Officer provided that such date shall not be earlier than the last date of the time for completion of the Works or the last Section, as the case may be. This item shall be measured in the final review if no fatal accident on the Site is reported during the above mentioned period of time. No measurement shall be made for this item for any time before or after the above mentioned period to be measured for this item.
	51	The period covered by “cumulative accident frequency rate for reportable accidents” shall be the time commencing on the earliest date of possession of the Site and ending on the date six months after the time for completion of the Works or if the Works are divided into Sections, the time for completion of the last Section or an earlier or later date notified by the Architect/Engineer/Supervising Officer provided that such date shall not be earlier than the last date of the time for completion of the Works or the last Section, as the case may be. This item shall be measured in the final review if the cumulative accident frequency rate for reportable accidents on the Site reported is below 0.13 per 100,000 man-hours worked during the above period of time in the final review. No measurement shall be made for this item for any time before or after the above mentioned period to be measured for this item.
	52	No measurement shall be made for “no fatal accident” if there is fatal accident record reported during the above mentioned period of time in the final review.
	53	No measurement shall be made for “cumulative accident frequency rate for reportable accidents” if the cumulative accident frequency rate for reportable accidents on the Site reported is above or equal to 0.13 per 100,000 man-hours during the above mentioned period of time in the final review.
<i>No fatal accident</i>	54	The item for “no fatal accident” shall include for:
<i>Item coverage</i>		(a) all efforts, costs, expenses, loss or profit provided, incurred or allowed by the Contractor for striving to achieve the performance required by this item.
<i>Cumulative accident frequency rate for reportable accidents</i>	55	The item for “cumulative accident frequency rate for reportable accidents” shall include for:

Annex E – Part II (A)**Sample Schedule of Performance-tied Payment Items of the PFSPMS**

(Based on \$200M estimated contract value, excluding the Contingency Sum and any sum allowed for fluctuations, for a contract period of 24 months)

Schedule of Performance-tied Payment Items of the PFSPMS

(A) Performance-tied payment items						
Item no.	Description of Payment items on performance indicators	Quantity	Unit	Rate (\$)	Amount (\$)	[Assigned % on capped amounts][@]
1.	No reportable accidents in a month	34 [^]	month	12,000	408,000*	[12%]
2.	No notice of safety or environmental prosecution received in a month	34 [^]	month	12,000	408,000*	[12%]
3.	Safety training (Silver Card) for specified trade workers compliance per month Payment to be made if: no. of Silver Card compliance/ total no. of workers requiring Silver Card > 90% on a date specified by the Architect/Engineer/Supervising Officer during the month	34 [^]	month	6,000	204,000*	[6%]
4.	Half-yearly review of safety performance – notices from Labour Department (LD) Payment to be made if there is:- - No Part I Inspection Notice ^(note 2) from LD; - Not more than 5 Part II Inspection Notice ^(note 2) from LD; and - No Improvement Notice or Suspension Notice from LD in half year	5.6 [^]	Half-year	73,000	408,800*	[12%]
5.	12-month rolling accident frequency rate for reportable accidents below 0.13 per 100,000 man-hours worked	23 ^{^^}	12-month rolling period	27,000	621,000*	[18%]
6.	Yearly review of safety performance - no fatal accident in a year	2.8 [^]	year	220,000	616,000*	[18%]
7.	Achievement in safety campaigns organized by Development Bureau (i) Considerate Contractors Site Award (CCSA [#]) (a) Obtaining gold award	2	nr	120,000	240,000*	[7% or \$0.36M whichever is the lower]

(A) Performance-tied payment items						
Item no.	Description of Payment items on performance indicators	Quantity	Unit	Rate (\$)	Amount (\$)	[Assigned % on capped amounts][@]
	(b) Obtaining silver award	2	nr	96,000	192,000	(80% of gold)
	(c) Obtaining bronze award	2	nr	72,000	144,000	(60% of gold)
	(d) Obtaining merit award	2	nr	48,000	96,000	(40% of gold)
	(ii) Outstanding Environmental Management Performance Award (OEMPA [#])					
	(a) Obtaining gold award	2	nr	45,000	90,000*	[3%* or \$0.14M whichever is the lower]
	(b) Obtaining silver award	2	nr	36,000	72,000	(80% of gold)
	(c) Obtaining bronze award	2	nr	27,000	54,000	(60% of gold)
	(d) Obtaining merit award	2	nr	18,000	36,000	(40% of gold)
	(iii) No CCSA under CCSAS – measurement for level 1 ^(note3) assessment:	200	%	24,000	48,000	(20% of gold)
	(iv) No OMEPA under CCSAS – measurement for level 1 ^(note3) assessment:	200	%	9,000	18,000	(20% of gold)
8.	Final review of safety performance in respect of:					
	(i) no fatal accident	1	item	200,000	200,000*	[6%]
	(ii) cumulative accident frequency rate for reportable accidents below 0.13 per 100,000 man-hours worked	1	item	200,000	200,000*	[6%]
Total					3,395,800Δ	
Provisional Sum for PFSPMS to be stated in the Summary of Tender** / General Summary**/Grand Summary**:					[Sum]	

Annex E – Part II (B)**Sample Schedule of Performance-tied Payment Items of the PFSPMS**

(Based on \$500M estimated contract value, excluding the Contingency Sum and any sum allowed for fluctuations, for a contract period of 36 months)

Schedule of Performance-tied Payment Items of the PFSPMS

(B) Performance-tied payment items						
Item no.	Description of Payment items on performance indicators	Quantity	Unit	Rate (\$)	Amount (\$)	[Assigned % on capped amounts][@]
1.	No reportable accidents in a month	48 [^]	month	16,000	768,000*	[12%]
2.	No notice of safety or environmental prosecution received in a month	48 [^]	month	16,000	768,000*	[12%]
3.	Safety training (Silver Card) for specified trade workers compliance per month Payment to be made if: no. of Silver Card compliance/ total no. of workers requiring Silver Card > 90% on a date specified by the Architect/Engineer/Supervising Officer during the month	48 [^]	month	7,000	336,000*	[6%]
4.	Half-yearly review of safety performance – notices from Labour Department (LD) Payment to be made if there is:- - No Part I Inspection Notice ^(note 2) from LD; - Not more than 5 Part II Inspection Notice ^(note 2) from LD; and - No Improvement Notice or Suspension Notice from LD in half year	8.0 [^]	Half-year	85,000	680,000*	[12%]
5.	12-month rolling accident frequency rate for reportable accidents below 0.13 per 100,000 man-hours worked	37 ^{^^}	12-month rolling period	30,000	1,110,000*	[18%]
6.	Yearly review of safety performance - no fatal accident in a year	4 [^]	year	275,000	1,100,000*	[18%]
7.	Achievement in safety campaigns organized by Development Bureau (i) Considerate Contractors Site Award (CCSA [#]) (a) Obtaining gold award	3	nr	120,000	360,000*	[7% or \$0.36M whichever is the lower]

(B) Performance-tied payment items						
	(b) Obtaining silver award	3	nr	96,000	288,000	<i>(80% of gold)</i>
	(c) Obtaining bronze award	3	nr	72,000	216,000	<i>(60% of gold)</i>
	(d) Obtaining merit award	3	nr	48,000	144,000	<i>(40% of gold)</i>
	(ii) Outstanding Environmental Management Performance Award (OEMPA [#])					
	(a) Obtaining gold award	3	nr	45,000	135,000*	<i>[3%* or \$0.14M whichever is the lower]</i>
	(b) Obtaining silver award	3	nr	36,000	108,000	<i>(80% of gold)</i>
	(c) Obtaining bronze award	3	nr	27,000	81,000	<i>(60% of gold)</i>
	(d) Obtaining merit award	3	nr	18,000	54,000	<i>(40% of gold)</i>
	(iii) No CCSA under CCSAS – measurement for level 1 ^(note3) assessment:	300	%	24,000	72,000	<i>(20% of gold)</i>
	(iv) No OMEPA under CCSAS – measurement for level 1 ^(note3) assessment:	300	%	9,000	27,000	<i>(20% of gold)</i>
8.	Final review of safety performance in respect of:					
	(i) no fatal accident	1	item	350,000	350,000*	<i>[6%]</i>
	(ii) cumulative accident frequency rate for reportable accidents below 0.13 per 100,000 man-hours worked	1	item	350,000	350,000*	<i>[6%]</i>
Total					5,957,000Δ	
Provisional Sum for PFSPMS to be stated in the Summary of Tender** / General Summary**/Grand Summary**:					[Sum]	

Annex E – Part II(C)**Sample Schedule of Performance-tied Payment Items of the PFSPMS**

(Based on an estimated total expenditure of \$100M, excluding the Contingency Sum and any sum allowed for fluctuations, for a contract period of 24 months)

**Schedule of Performance-tied Payment Items of the PFSPMS
for Lump Sum Contracts with Drawings and Specification**

(C) Performance-tied payment items						
Item no.	Description of Payment items on performance indicators	Quantity	Unit	Rate (\$)	Amount (\$)	[Assigned % on capped amounts][@]
1.	No reportable accidents in a month	34 [^]	month	6,000	204,000*	[12%]
2.	No notice of safety or environmental prosecution received in a month	34 [^]	month	6,000	204,000*	[12%]
3.	Safety training (Silver Card) for specified trade workers compliance per month Payment to be made if: no. of Silver Card compliance/ total no. of workers requiring Silver Card > 90% on a date specified by the Architect/Engineer/Supervising Officer during the month	34 [^]	month	3,000	102,000*	[6%]
4.	Half-yearly review of safety performance – notices from Labour Department (LD) Payment to be made if there is:- - No Part I Inspection Notice ^(note 2) from LD; - Not more than 5 Part II Inspection Notice ^(note 2) from LD; and - No Improvement Notice or Suspension Notice from LD in half year	5.6 [^]	Half-year	35,000	196,000*	[12%]
5.	12-month rolling accident frequency rate for reportable accidents below 0.13 per 100,000 man-hours worked	23 ^{^^}	12-month rolling period	13,000	299,000*	[18%]
6.	Yearly review of safety performance - no fatal accident in a year	2.8 [^]	year	105,000	294,000*	[18%]
7.	Achievement in safety campaigns organized by Development Bureau (i) Considerate Contractors Site Award (CCSA [#]) (a) Obtaining gold award	2	nr	70,000	140,000*	[7% or \$0.36M whichever

(C) Performance-tied payment items						
Item no.	Description of Payment items on performance indicators	Quantity	Unit	Rate (\$)	Amount (\$)	[Assigned % on capped amounts][@]
						is the lower]
	(b) Obtaining silver award	2	nr	56,000	112,000	(80% of gold)
	(c) Obtaining bronze award	2	nr	42,000	84,000	(60% of gold)
	(d) Obtaining merit award	2	nr	28,000	56,000	(40% of gold)
	(ii) Outstanding Environmental Management Performance Award (OEMPA [#])					
	(a) Obtain gold award	2	nr	30,000	60,000*	[3%* or \$0.14M whichever is lower]
	(b) Obtaining silver award	2	nr	24,000	48,000	(80% of gold)
	(c) Obtaining bronze award	2	nr	18,000	36,000	(60% of gold)
	(d) Obtaining merit award	2	nr	12,000	24,000	(40% of gold)
	(iii) No CCSA under CCSAS – measurement for level 1 ^(note3) assessment:	200	%	14,000	28,000	(20% of gold)
	(iv) No OMEPA under CCSAS – measurement for level 1 ^(note3) assessment:	200	%	6,000	12,000	(20% of gold)
8.	Final review of safety performance in respect of:					
	(i) no fatal accident	1	item	100,000	100,000*	[6%]
	(ii) cumulative accident frequency rate for reportable accidents below 0.13 per 100,000 man-hours worked	1	item	100,000	100,000*	[6%]
Total					1,699,000^Δ	
Provisional Sum for PFSPMS to be stated in the Summary of Tender** / General Summary**/Grand Summary**:					[Sum]	

The following proforma shall be added in the Particular Specification on Site Safety:-

To: The Architect/Engineer/Supervising Officer^{#1}

Contractor's Monthly Report on Safety Performance (Revision No. _____)
(for measurement of the performance-tied payment items under PFSPMS)

A. Contract Details

Department : _____

Contract No. and Title: _____

Name of Contractor: _____

Reporting Month: _____ / _____ / _____ to _____
(dd/mm/yyyy) (dd/mm/yyyy)

B. Safety Performance of the Contract in the Reporting Period

Performance Indicators	Performance achievements in this Reporting Month (to be reported by the Contractor)	Verified by Architect's/Engineer's/Supervising Officer's ^{#1} Representative
1. No reportable accident(s) in the reporting month	Yes/No ^{#1} Number of reportable accident(s) in this month:- _____ (nr)	Agree/Disagree ^{#1} _____ (initial)
2. No notice of safety or environmental prosecution in this month	Yes/No ^{#1} Number of prosecution received in this month:- Safety _____ (nr) Environmental _____ (nr)	Agree/Disagree ^{#1} _____ (initial)
3. Safety training (Silver Card) for specified trade ^{#2} workers compliance per month [Note: Measurement to be made if: no. of Silver Card compliance/ total no. of workers requiring Silver Card > 90% on a date specified by the Architect/Engineer during the month]	Measurement Date : _____ Number of skilled workers who are employed in the specified trades on : _____ Number of skilled workers in above who possessed the relevant Silver Card: _____ Percentage: _____	Agree/Disagree ^{#1} _____ (initial)
4. Half-yearly review of safety performance – notices from Labour Department (LD) ^{#3} a. No Part I Inspection Notice in half year b. Not more than 5 nos. of Part II Inspection Notice in half year c. No Improvement Notice (IN) or Suspension Notice (SN) in half year	Half year period : From: _____ to _____ (dd/mm/yyyy) (dd/mm/yyyy) Yes/No ^{#1} No. of Pt. I received _____ (nr) Yes/No ^{#1} No. of Pt. II received _____ (nr) Yes/No ^{#1} No. of SN received _____ (nr)	Agree/Disagree ^{#1} _____ (initial)
5. 12-month rolling accident frequency rate for reportable accidents ^{#4} below 0.13 per 100,000 man-hours worked ^{#5}	Yes/No ^{#1} 12-month rolling accident frequency rate for reportable accidents ^{#4} in this end-month of 12-month period :- _____	Agree/Disagree ^{#1} _____ (initial)

Performance Indicators	Performance achievements in this Reporting Month (to be reported by the Contractor)	Verified by Architect's/Engineer's/Supervising Officer's ^{#1} Representative
6. Yearly review of safety performance - no fatal accident in a year ^{#6}	Yes/No ^{#1} Number of fatal accident(s) in this Year : _____ (nr)	Agree/Disagree ^{#1} _____ (initial)
7. Achievement in safety campaigns organized by DEVB ^{#6} (i) Considerate Contractors Site Award (CCSA) (ii) Outstanding Environmental Management Performance Award (OEMPA) (iii) If no CCSA under CCSAS – measurement for level 1 assessment (iv) If no OEMPA under CCSAS – measurement for level 1 assessment	Gold/Silver/Bronze/Merit/No Award/ /Not applicable ^{#1} In year :- Gold/Silver/Bronze/Merit/No Award/ /Not applicable ^{#1} In year :- No. of Level 1 ^{#7} assessment: Total no. of assessment: _____ % of Level 1 assessment: _____ In year:- _____ No. of Level 1 ^{#7} assessment: _____ Total no. of assessment: _____ % of Level 1 assessment: _____ In year:- _____	Agree/Disagree ^{#1} _____ (initial) Agree/Disagree ^{#1} _____ (initial) Agree/Disagree ^{#1} _____ (initial) Agree/Disagree ^{#1} _____ (initial)
8. Final review ^{#8} of safety performance in respect of (review to be made upon a date six month after the time for completion of the Works or such extended time for completion of the Works as may be determined in accordance with GCC Clauses 49 and 50 or an earlier or later date notified by the Architect/Engineer/Supervising Officer): (i) No fatal accident in the period from contract commencement to six month after the time for completion of the Works or such extended time for completion of the Works (ii) Cumulative accident frequency rate for reportable accidents ^{#2} below 0.13 per 100,000 man-hours in the period from contract commencement to six month after the time for completion of the Works or such extended time for completion of the Works	Yes/No ^{#1} No. of fatal accident(s) in the the period: _____ (nr) Yes/No ^{#1} Cumulative accident frequency rate for reportable accidents ^{#2} in the period : _____	Agree/Disagree ^{#1} _____ (initial) Agree/Disagree ^{#1} _____ (initial)

Notes:-

^{#1} Delete as appropriate^{#2} Specified trades are set out in Paragraph 8(2)(A)(i) of this Particular Specifications on Site Safety^{#3} To be reported half yearly^{#4} “accident frequency rate for reportable accidents” shall be calculated as the number of reportable accidents per 100,000 man-hours worked