



Questionnaire for the construction of bridges

IMPORTANT NOTICE

Please answer all questions fully. If the space provided is insufficient, please attach a separate sheet.

Attention is drawn to the fact that making untrue or false statements or withholding material facts will give underwriters the right to repudiate any claims made under the policy of insurance. This refers to facts which are likely to influence the acceptance of the risk by underwriters.

DETAILS

Title and brief description of contract

Site

Flat	Hilly	Mountainous	Built-up area	Semi-built-up area	Open area
------	-------	-------------	---------------	--------------------	-----------

If project is in built-up or semi-built-up area, state minimum distance to and type of neighbouring structures.

Summary breakdown of project values

Item	Value (currency)
Site installations and temporary work	
Workshops, stores, camps, etc.	
Earthwork and approaches	
Foundations	
Piers and abutments	
Falsework and cantilever formwork, etc.	
Superstructure and roadway	
Other work (railing, lighting, installations, etc.)	
Total value	

Type of bridge

Beam bridge Arch bridge Suspension bridge Truss bridge Cable-stayed bridge

TECHNICAL DATA

» Key Technical drawings to be provided

Superstructure

Length: m Width: m Number of spans: m
Max. length of span: m Max. height above grade: m
Steel Reinforced concrete Pre-stressed concrete Post-tensioned concrete
Other (specify)

Piers

Max. height: m Concrete Other materials
If other materials, please specify

CONSTRUCTION OF SUPERSTRUCTURE

Precast concrete members

Distance from works: km
Transport:
By rail By lorry By barge
Assembly:
By mobile crane With travelling shutter In free cantilever construction Cast in situ
Falsework Travelling shutter Free cantilever construction Incremental launching
Orthotropic plate

Caissons	Depth:	m
Piles	Depth:	m
Slabs	Depth:	m

» Attach soil strata diagram.

Level below grade:	m		
Dewatering required	Yes	No	Quantities of water to be removed m ³ /s
Reserve capacity of pumps	m ³ /s		
Pumps are driven:	Electrically	By combustion engines	
Electric power supply:	Off the main	By site generator(s)	

River Lake Bay Other (specify)

Tidal	Non-tidal
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Observation period: years months

Normal in dry season: m

Highest ever recorded:	m	Date
Observation period:	years	months
Normal in dry season:	m ³ /s	

Normal flood discharge:		m ³ /s	
Highest ever recorded:		m ³ /s	Date
Cofferdam height above normal flood level:		m	
Dimensioned	for return period of		years
Filled	Sheet pile wall	Cellular cofferdam	Other

Interior bracing of cofferdam?	Yes	No	
Diversion channel discharge:	m ³ /s		
Is risk of flooding reduced by upstream dams?	Yes	No	If yes, please provide more details:

Is there a flood warning system? Yes No

If yes, time lapse between warning and hour's time when flood reaches site



Construction schedule (unless separate programme sheet is attached)

Component**Execution dates, anticipated period of work (months)**

Site installations and temporary work

Earthwork and approaches

Flood protection facilities

Foundations

Piers and abutments

Superstructures and roadway

Other work (railing, lighting, installations, etc.)

Must traffic be maintained during construction of the bridge? Yes No

If yes, please provide more details:

To what maximum estimated extent might the contract work be damaged in one loss event?

What work will be done by subcontractors?

Will there be contractors working independently of the insured at the site or in its immediate vicinity? Yes No

What work will be done by these independent contractors?

Will the following be located above the 1 in 10 Year estimated flood line?

Description	Yes / No	
Offices, stores, workshops, camps, etc	Yes	No
» Note: Only insured if the new replacement value is included in the Project Contract Value		
Construction Material	Yes	No
Construction Plant & Equipment	Yes	No
» Note: Only insured under a separate Plant All Risk Policy		

Please give details to what extent will these facilities be protected against flood?

POPI CONSENT AND DECLARATION

Consent to processing of personal information

The personal information provided by the potential policyholder and/or its representatives in terms of this insurance policy application will be used:

- By the underwriting manager, insurer, its employees and service providers for the provision of policy benefits, underwriting and administration of the policy, statistical analyses and the investigation and processing of claims in terms of the policy;
- To confirm risk information, risk management data, information from public sources including but not limited to addresses, and to verify ownership;
- To comply with legal and regulatory requirements as well as industry codes.

We will take all reasonable steps to ensure that all personal information is used, processed and stored in accordance with the relevant legislation, including but not limited to PAIA and POPIA.

I hereby confirm that all of the Personal Information provided above is accurate and is supplied voluntarily. I hereby authorise processing of my Personal Information as set out above and I understand the purposes for which it is required.

I / We warrant that the foregoing information provided is true and correct, and that no information has been withheld in respect of the loss / damage. I / We undertake to advise Firedart Engineering Underwriters (Pty) Ltd in writing in the event of any changes to supplied information, and in the event of the recovery of any part of the property forming the subject of this claim.

Capacity

Date

Signed by insured