

TRANSNET RAIL INFRASTRUCTURE MANAGER

CONTRACT NUMBER: SIC26003CIDB/1 (HOAC HO 57813)

DESCRIPTION OF THE SERVICE: For the Maintenance of Railway Track with an on-track Ballast Low Production Screening machines for a period of twenty-four (24) months

Part C2

Schedule of Machines

MAINTENANCE OF TRACK WITH ON TRACK LOW PRODUCTION BALLAST SCREENING MACHINE

CONTRACT NO SIC26003CIDB/1(HOAC HO 57813).

Contents

Section No.	Description
C2.2	Schedule of Machines

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PART C 2.2

SCHEDULE OF MACHINES

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(1 x Screener, 1 x Tampers, 1 x Regulator, 1 x Stabiliser, 5 x Self-discharging spoil removal system, TLB & 1 x Fan wagon)

1. Normal Screener Package: 1 x BALLAST SCREENER

1.1 MAKE: _____

1.2 MODEL (YEAR): _____

1.3 NOMINAL PRODUCTION RATE (m³/h): _____

1.4 ADJUSTABLE CUTTERBAR WIDTH

1.4.1 MAX (m): _____

1.4.2 MIN (m): _____

1.5 AUTOMATIC CONTROLLABLE CUTDEPTH

1.5.1 MAX (mm): _____

1.5.2 MIN (mm): _____

1.6 Cutter bar size: (Thickness (mm))

1.6.1: Standard _____

1.6.3: Restricted / Tunnel: _____

1.7: Minimum ballast depth machine can cut without pr-lifting (mm) _____

1.8: Pre-lifting: Describe with what & how) _____

1.9: Working Time (Tw) – Cutter bar time: _____

1.10

DESCRIPTION	UNIT	SCHEDULED SCREENING RATE	CUTTER CHAIN COUPLE TIME (Tc)	CUTTER CHAIN UN-COUPLE TIME (Tuc)
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SCREENING OPEN TRACK, SINGLE LINE		See 1.3	____ minutes	____ minutes
SCREENING RESTRICTED TRACK, SINGLE LINE. This includes working in turnouts. working around obstructions (i.e. on bridges in tunnels, next to platforms), and/or lowering track greater than 150mm.	m³/hr	Rr =	____ minutes	____ minutes
SCREENING DOUBLE TRACK. This includes working in turnouts. working around obstructions, and/or lowering track greater than 150mm.	m³/hr	Rd=	____ minutes	____ minutes

1.11 FITTED WITH RAILWAY BUFFERS BOTH ENDS, IF NOT CLARIFY: _____

1.12 NOMINAL TRAVELLING SPEED (km/h)

: 1:60 gradient (minimum = 45km/h): _____

: Zero gradient (minimum = 60km/h): _____

: When travelling as part of and coupled to a train: _____

(Minimum = 60km/h)

2. Screen Package: 1 x TAMPER(S)

- 2.1 MAKE: _____
- 2.2 MODEL (YEAR): _____
- 2.3 NOMINAL PRODUCTION RATE (sleepers/min): _____
- 2.4 MAXIMUM LIFT (mm): _____
- 2.5 NOMINAL TRAVELLING SPEED (km/h)
- : 1:60 gradient (minimum = 45km/h): _____
- : Zero gradient (minimum = 60km/h): _____
- : When travelling as part of and coupled to a train: _____ (Minimum = 60km/h)
- 2.6 FITTED WITH RAILWAY BUFFERS BOTH ENDS, IF NOT CLARIFY: _____
- 2.7 Travel: If cannot travel as part of train, Qualify how machine will move from one work area to next and what limitations shall apply: _____
- 2.8 TAMPING FREQUENCY: _____

2.9

TYPE OF TAMPING IN TURNOUTS	UNIT	LIMITS	SCHEDULED RATE/TIME
Restricted set - all types	Minutes Each	All sets directly behind set screening or set replacement, where normal tamping cannot take place.	
1:20 turnouts - all types	Minutes Each	SRJ to end of standard turnout sleepers.	
1:12 turnouts - all types	Minutes Each	SRJ to end of standard turnout sleepers.	
1:9 turnouts - all types	Minutes Each	SRJ to end of standard turnout sleepers.	

All scheduled rates must include the machine preparation time for turnout tamping.

3. Screen Package: 1 x REGULATOR

- 3.1 MAKE: _____
- 3.2 MODEL (YEAR): _____
- 3.3 HOPPER CAPACITY (m³/h): _____
- 3.4 NOMINAL PROFILING RATES: Shoulders only (m/Tw hr.): _____
- 3.5 NOMINAL PROFILING RATES: Shoulders to centre (m/Tw hr.): _____
- 3.6 NOMINAL PROFILING RATES: Shoulders to shoulder (m/Tw hr.): _____
- 3.7 FITTED WITH RAILWAY BUFFERS BOTH ENDS, IF NOT CLARIFY: _____
- 3.8 NOMINAL TRAVELLING SPEED (km/h)
- : 1:60 gradient (minimum = 45km/h): _____
- : Zero gradient (minimum = 60km/h): _____
- : When travelling as part of and coupled to a train: _____ (Minimum = 60km/h)
- 3.9 TRAVEL: If cannot travel as part of train, Qualify how machine will move from one work area to next and what limitations shall apply _____

