

C2.2

SCHEDULE OF MACHINES

APPENDIX E

TAMPING PLAIN TRACK AND SETS

TYPE OF MACHINE:

- 1 MAKE:
- 2 MODEL(YEAR) :
- 3 NOMINAL PRODUCTION RATE:.
(sleepers/min) (Minimum = 19 sleepers/min)
- 4 LIFTING AND SLEWING
 - 4.1 MAXIMUM LIFT (mm) :
 - 4.2 MAXIMUM SLEW PER PASS (mm) :
- 5 NOMINAL TRAVELLING SPEED (km/h)
- 5.1 LEVEL GRADIENT (minimum **70** km/h).
- 5.2 GRADIENT OF 1:60 (minimum 45 km/h):
- 5.3 WHEN TRAVELLING AS PART OF AND COUPLED TO A TRAIN:
(minimum 60 km/h) (Machine will normally be coupled to train to move from one work site to the other)
- 6 TAMPING FREQUENCY (Hz) :

Note : Nominal in the schedule of machines indicates the maximum continuous production rate that the machine is capable of.

TYPE OF TAMPING	UNIT	SCHEDULED RATE/TIME
	to be completed by Tenderer	
Plain track	sl/min	Rp =
Restricted track	sl/min	Rr =
Maximum rate	sl/min	R max. =
<u>Sets:</u>		
1:20 wood	Minute	R20w =
1:20 concrete	Minute	R20c =
1:12 wood	Minute	R12w =
1:12 concrete	Minute	R12c =
1:9 wood	Minute	R9w =
1:9 concrete	Minute	R9c =
1:8 wood	Minute	R8 =
1:6 wood	Minute	R6 =
1:7 or 1:4 diamond	Minute	Rd =
Scissors	Minute	Rci = NA
Single slip	Minute	Rss = NA
Double slip	Minute	Rds = NA
Splice joint	Minute	Rsj =

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

Schedule of Labour for full time support of machine operations

APPENDIX D

TAMPING PLAIN TRACK AND SETS

	A) Machine support Labour	B) Full time support Subcontract labour as part of machine activity.	C) Any other full time labour – (Functions to be specified.)
1. Contract supervisor			
2. Machine operators			
3. Machine maintenance support Technicians			
4. Machine Technician Trade hands supporting machines:			
5. Other Machine support Grades: Specify:			
6. Subcontractor supervisor / Track master for tamping support			
7. Subcontractors Trade hands for track support. Trackman etc.			
8. Bonders.			
9. Flagmen			
10. Workers (Track workers Un –skilled labour)			
11. Vehicle allowed for transport of workers & tools. (Type & Capacity)			
12. Any other support allowed for execution of this function (Clarify)			

Schedule of Rail wagons: Wagons used for contract and intended to be continued to be used as part of offer.

Number of wagons	Type of wagon used / required	For what purpose is wagon used & part of work train & importance	Transnet Wagon Number of present wagon in use	Type of Wheel bearings of wagon & general condition (White Metal or roller bearing)	Motivation for wagon required and implication if wagon is not made available for contract	Description of how cost is provided for (Maintenance of wagon included or excluded)
Example 1	DZ with built roof	Mass Fuel tank (10000l) (critically important)	Xxyzz??	White Metal bearings Wagon good condition	Separate fuel bowser at high cost required if not allowed	Transnet owned & maintenance by contractor included in price