

MR 377 - Bridge Over Marara Creek 2.4m west of Eugowra

Schedule of Estimated Quantities

The quantities shown here are estimated quantities only and are not guaranteed to be the actual or correct quantities of work to be carried out.

Item no	Description	Quantity	Unit
	PILING		
	<i>750 dia cast-in-place reinforced concrete pile</i>		
1	Excavation of piles including temporary casing		
a)	To contract level	40.5	m
b)	Below contract level	4 (Provisional Qty)	m
2	Supply and placement of reinforcement		
a)	To contract level	3.6	t
b)	Below contract level	0.3 (Provisional Qty)	t
3	Supply and placement of concrete – 40 MPa		
a)	To contract level	40.53	m
b)	Below contract level	4.00 (Provisional Qty)	m
4	Test coring below pile toe level after excavation	3 (Provisional Qty)	m
	SUBSTRUCTURE		
5	Mass concrete beneath abutment – 40 MPa	3.2	m ³
6	Concrete in abutment – 40 MPa	37.5	m ³
7	Supply and placement of steel reinforcement in abutments	4.8	t
8	Concrete in pier – 40 MPa	12.2	m ³
9	Supply and placement of steel reinforcement in piers	1.8	t
10	Supply and installation of M 24 Class 4.6 bolt 635mm long including galvaniseing and all accessories in abutments	68	each
11	Supply and installation of 20dia. × 300mm long stainless steel dowels and dowel cap assemblies in abutments	44	each
12	Supply and installation of cast-in anchor assembly for connection of Thrie beam	4	each
	Bearing		
13	Supply and installation of 125 × 25 elastomeric bearing strips for abutments and piers	46.1	m
14	Supply and installation of 65 × 20 elastomeric bearing strip for abutments and piers	21.0	m
	SUPERSTRUCTURE		
	Planks		
15	8.675m precast pretensioned concrete planks		
a)	Supply	36	each
b)	Delivery and Stacking	36	each
c)	Erection	36	each
16	Supply and placement of concrete in decks – 40MPa	41.8	m ³
17	Supply and placement of concrete in parapets – 40MPa	15.8	m ³
18	Supply and placement of concrete in approach slabs-40MPa	16.6	m ³
19	Supply and placement of reinforcement in deck, parapets and approach slabs	14.5	t
20	Supply and installation of 100dia. UPVC pipe in deck and abutments including connections	42	m
21	Deck and approach slab jointing materials (including joint sealant, joint filler, cellular polystyrene sheet, bond breaking tape and bitumen impregnated fibre board)	1	item
22	Supply and installation of 150x100x4 RHS drainage pipe including galvanising	6	each
23	Supply and installation of approved water proof membrane	196	m ²
24	Supply and installation of galvanised protection angles including studs and all accessories	4	each
	SUBSOIL DRAINAGE AT ABUTMENTS		
25	Construction of subsoil drainage at both abutments including nofines concrete, geotextile, perforated pipes and filter material etc.	1	item
	MISCELLANEOUS		
26	Fixing name plates	2	each
27	Control of traffic	1	item