

**SCHEDULE OF ITEMS**

Item	Description	Unit of Measure
<b>ROTARY METHOD</b>		
<b>I.D. Casing 155mm</b>		
1	Drill to suit 155mm casing	metre
2	Drill (hard rock) to suit 155mm casing	metre
3	Supply and fit 155mm PVC casing and centralisers	metre
4	Supply and fit inline screen and fittings	metre
5	Bore development (compressed air)	hour
6	Bore development (water jetting)	hour
7	Bore development (surging)	hour
8	Test pumping	hour
9	Air free water sample and analysis	each
10	Bore cap	each
11	Withdraw casing (abandoned borehole)	metre
<b>I.D. Casing 200mm</b>		
12	Drill to suit 200mm casing	metre
13	Drill (hard rock) to suit 200mm casing	metre
14	Supply and fit 200mm PVC casing and centralisers	metre
15	Supply and fit inline screen and fittings	metre
16	Bore development (compressed air)	hour
17	Bore development (water jetting)	hour
18	Bore development (surging)	hour
19	Test pumping	hour
20	Air free water sample and analysis	each
21	Bore cap	each
22	Withdraw casing (abandoned borehole)	metre
<b>CABLE TOOL METHOD</b>		
<b>I.D. Casing 155mm</b>		
23	Drill to suit 155mm casing	metre
24	Drill (hard rock) to suit 155mm casing	metre
25	Supply and fit 155mm steel casing	metre
26	Supply and fit telescopic screen and fittings	metre
27	Supply and fit 155mm casing shoe and clamps	each
28	Screen fittings 200mm to packer base plate	each
29	Bore development (compressed air)	hour
30	Bore development (water jetting)	hour
31	Bore development (surging)	hour
32	Test pumping	hour
33	Air free water sample and analysis	each

Item	Description	Unit of Measure
34	Bore cap	each
35	Withdraw casing (abandoned borehole)	metre
<b>I.D. Casing 200mm</b>		
36	Drill to suit 200mm casing	metre
37	Drill (hard rock) to suit 200mm casing	metre
38	Supply and fit 200mm steel casing	metre
39	Supply and fit telescopic screen and fittings	metre
40	Supply and fit screen	metre
41	Supply and fit 200mm casing shoe and clamps	each
42	Screen fittings 200mm to packer base plate	each
43	Bore development (compressed air)	hour
44	Bore development (water jetting)	hour
45	Bore development (surging)	hour
46	Test pumping	hour
47	Air free water sample and analysis	each
48	Bore cap	each
49	Withdraw casing (abandoned borehole)	metre
<b>I.D. Casing 250mm</b>		
50	Drill to suit 250mm casing	metre
51	Drill (hard rock) to suit 250mm casing	metre
52	Supply and fit 250mm steel casing	metre
53	Supply and fit telescopic screen and fittings	metre
54	Supply and fit 250mm casing shoe and clamps	each
55	Screen fittings 250mm to packer base plate	each
56	Bore development (compressed air)	hour
57	Bore development (water jetting)	hour
58	Bore development (surging)	hour
59	Test pumping	hour
60	Air free water sample and analysis	each
61	Bore cap	each
62	Withdraw casing (abandoned borehole)	metre
<b>Additional Services – Steel Surface Casing</b>		
63	Supply and fit 355mm steel surface casing	metre
64	Supply and fit 304.8mm steel surface casing	metre
<b>Labour Rates</b>		
65	Labourer	hour
66	Qualified Class 1 Driller	hour
<b>Materials / parts</b>		
67	Materials / parts percentage mark-up for reactive items	percentage

## SUMMARY OF SUBMISSIONS

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Total Comparative Price	Rank
		Capacity	Demonstrated experience in providing similar services	Demonstrated understanding of the required tasks	Social and economic effects on the local community			
<p>M D and D M Water Boring Contractors</p> <p>All requirements have not been met.</p>	Partially	<p>M D and D M Water Boring Contractors was established in 1981 and has two joint owners. It submitted details for its proposed team comprising one primary driller and one sub-contracted driller. Both drillers have over 40 years' experience in drilling, specifically for the Department of Water and Environmental Regulation and local governments and hold the appropriate classes of drilling licences required for the City's scope of works. The specialist equipment that it proposes to use meets the City's specifications. After hours contact information was provided for both business owners. It has access to additional resources and stated that personnel can be deployed immediately, subject to City approval, using employment services in the local area. A matrix of process documentation covering 61 documents was sighted.</p>	<p>M D and D M Water Boring Contractors demonstrated extensive experience in providing similar services. It cited four examples of bore drilling, development and testing projects it had performed for the City between 2020 and 2021 at Churton Park (16 days), Illawong Park (6 weeks), Warwick Open Space (14 days) and Montague Park (14 days). Elements of these projects included drilling, conducting safety assessments, completing bore licences, recording test pump results and taking water samples which are comparable to the City's requirements. Challenges encountered and outcomes of these projects were identified. Three references were noted.</p>	<p>M D and D M Water Boring Contractors demonstrated a sound understanding of the City's required tasks. It provided its approach to the works and the suggested timelines for tasks such as mobilisation, drilling, run casing and screen, develop bore, test pumping, demobilisation, clean up and performing test results. A methodology for how it will attend site, drill bores dependent on size, depth of hole and formations (ensuring bores are drilled and constructed to maximise geological formations), perform test pumping and record results was provided. Casing and screening will be conducted to comply with the City's specifications with each bore developed using the cable tool rig. Acknowledgement of public safety and adherence to <i>Environmental Protection (Noise) Regulations 1997</i> and the City's traffic safety guidelines were noted</p>	<p>M D and D M Water Boring Contractors is located in Bullsbrook and utilises numerous suppliers located within the City of Joondalup for the provision of tyres, vehicle supplies, fuel, stationery and office equipment, work wear, tools and security fencing. It will hire temporary casual labour from a Joondalup based employment service if required</p>	75.9%	\$567,702	1