

TENDER 034/19 PROVISION OF IRRIGATION PUMP AND BORE MAINTENANCE SERVICES

SCHEDULE OF ITEMS**Bore Redevelopment**

Item	Item Description	Unit of Measure
1	Normal working hours – on-Site technician	Hour
2	Normal working hours – on-Site supervisor	Hour
3	Bore development - jetting	Hour
4	Bore development - compressed air	Hour
5	Bore development - surging	Hour
6	Bore development - recirculation	Hour
7	Materials mark-up (pumps, components and miscellaneous items)	%

TENDER 034/19 PROVISION OF IRRIGATION PUMP AND BORE MAINTENANCE SERVICES

Maintenance and Repair Works

* Column Type: S = Steel P = Permaglass PVC = Polyvinyl Chloride SS = Stainless Steel

No.	Location	Pump Type	Pump Size	Manufacturer	Pump Model	Pump Setting Metres	* Column Type	Bore Dia.
1	Abrohlos	Submersible	7.5kW	Grundfos	SP-16-14	45.2	S 80mm	150mm
2	Adelaide	Submersible	15kW	Grundfos	SP46-10	18	P 100mm	200mm
3	Admiral	Submersible	22kW	Grundfos	SP60-12	49	P 100mm	200mm
4	Albacore	Submersible	18.5kW	Grundfos	SP46-12/10	43.9	P 80mm	200mm
5	Aristride	Submersible	15kW	Grundfos	SP30-12	21.3	PVC 80mm	150mm
6	Annato	Submersible	9.2kW	Grundfos	SP30-11	37	PVC 80mm	200mm
7	Balanus	Submersible	9.2kW	Grundfos	SP17-14	39	P 100mm	200mm
8	Baltustrol	Submersible	22kW	Grundfos	SP60-12	39.5	PVC 100mm	200mm
9	Barridale	Submersible	18.5kW	Grundfos	SP46-11	33	P 100mm	200mm
10	Beaumaris Lake Fill	Submersible	5.5kW	Grundfos	SP30-6	28	S 100mm	200mm
11	Beaumaris Recycle	Submersible	7.5kW	Grundfos	SP60-4	Wet Well (3mtrs)	N/A	N/A
12	Beaumaris Irrigation	Submersible	15kW	Grundfos	SP46-9/8	Wet Well	N/A	N/A
13	Beaumont	Submersible	7.5kW	Grundfos	SP17-12	27.3	PVC 80mm	150mm
14	Beldon	Submersible	18.5kW	Grundfos	SP46-12	46.5	P 100mm	200mm
15	Belrose	Submersible	15kW	Grundfos	SP60-8	24	P 100mm	200mm
16	Bethany	Submersible	5.5kW	Grundfos	SP16-12	28	S 50mm	100mm
17	Blackall	Submersible	30kW	Grundfos	SP60-17	52	P 100mm	200mm
18	Blackboy	Submersible	15kW	Grundfos	SP46-10	11	P 100mm	200mm
19	Blackthorn	Submersible	15kW	Grundfos	SP46-10	22	P 80mm	200mm
20	Bluelake North	Submersible	7.5kW	South Cross	SXNAD-5	37.1	S 100mm	150mm
21	Bluelake South	Submersible	7.5kW	South Cross	SXNAD-5	48	P 80mm	150mm
22	Bluelake Recycle	Submersible	5.5kW	Grundfos	SP75-2	Wet Well	N/A	N/A
23	Bluelake Irrigation 1	Submersible	11kW	Grundfos	SP46-8	Wet Well	N/A	N/A
24	Bluelake Irrigation 2	Submersible	11kW	Grundfos	SP46-8	Wet Well	N/A	N/A
25	Bluelake Park	Aerator	3.7kw	Otterbine		Lake		
26	Bonnie Doon	Submersible	18.5kW	Grundfos	SP45-13	56.7	PVC 80mm	150mm
27	Braden	Submersible	30kW	Grundfos	SP77-8	32	P 30x100mm S 2x100mm	200mm
28	Brazier	Submersible	9.2kW	Grundfos	SP30-9	40	P80mm	155mm
29	Bridgewater	Submersible	30kW	Grundfos	SP95-7	48.6	P 100mm	200mm

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No.	Location	Pump Type	Pump Size	Manufacturer	Pump Model	Pump Setting Metres	* Column Type	Bore Dia.
30	Broadbeach	Submersible	11kW	Grundfos	SP46-8	20	P 80mm	200mm
31	Broadbeach Park	Aerator	3.7kw	Otterbine		Lake		
32	Broadbeach Park	Aerator	3.7kw	Otterbine		Lake		
33	Broadbeach Park	Aerator	3.7kw	Otterbine		Lake		
34	Burns Beach	Submersible	7.5kW	Grundfos	SP17-8	16.5	P 80mm	200mm
35	Caledonia	Submersible	15kW	Grundfos	SP45-12	36.9	P 80mm	200mm
36	Calander	Submersible	7.5kW	Grundfos	SP17-13	41	P 80mm	150mm
37	Calthorp	Submersible	11kW	Grundfos	SP30-10	48.4	P 80mm	150mm
38	Camberwarra	Submersible	22kW	Grundfos	SP77-6	38	S 100mm	200mm
39	Castlecrag	Submersible	15kW	Grundfos	SP46-10	12	PVC 100mm	150mm
40	Central Park Aerator 1	Aerator	5.5kW	Grundfos	CR16-50	Skid / Lake	N/A	N/A
41	Central Park Aerator 2	Aerator	2.2kW	Grundfos	SP8A-15	Skid / Lake	N/A	N/A
42	Central Park Aerator 3	Aerator	5.5kW	Grundfos	SP16-12	Skid / Lake	N/A	N/A
43	Central Park Irrigation 1	V-multi- stage	18.5kW	Grundfos	CR64-4-2	Pump House	N/A	N/A
44	Central Park Irrigation 2	V-multi- stage	18.5kW	Grundfos	CR64-4-2	Pump House	N/A	N/A
45	Central Park Irrigation 3	V-multi- stage	18.5kW	Grundfos	CR64-4-2	Pump House	N/A	N/A
46	Central Park East	Submersible	30kW	Grundfos	SP95-8	54.35	P 100mm	200mm
47	Central Park West	Submersible	30kW	South Cross	SX NAH -7	50.5	S 100mm	200mm
48	Central Park	Centrifugal	2.2kW	Lowara	CAM-120-55-AV	Well	N/A	N/A
49	Central Park Recycle 1	Centrifugal	5.5kW	South Cross	MGF51C-F-255	Pump House	N/A	N/A
50	Central Park Recycle 2	Centrifugal	5.5kW	South Cross	MGF51C-F-255	Pump House	N/A	N/A
51	Central Park Jockey	Vertical multi stage	5.5kW	Grundfos	CR16-50	Pump House	N/A	N/A
52	Chadstone	Submersible	4kW	Grundfos	SP8A-25	32.5	PVC 50mm	100mm
53	Charonia	Submersible	37kW	Grundfos	SP95-8	34	P 100mm	200mm
54	Chelsea	Submersible	30kW	Grundfos	SP77-8	40	P 100mm	200mm
55	Chelsford	Submersible	22kW	Grundfos	SP60-12	50	PVC 100mm	200mm
56	Chichester North	Submersible	30kW	Grundfos	SP95-6	31	P 100mm	200mm
57	Chichester South	Submersible	26kW	Grundfos	SP95-6	30	P 100mm	200mm
58	Christchurch	Submersible	30kW	Grundfos	SP95-7	72.5	PVC 100mm	200mm
59	Churton	Submersible	13kW	Grundfos	SP46-9-C	25.4	P 80mm	200mm
60	Circle	Submersible	11kW	Franklin	SO8-7	47.830	P 80mm	200mm
61	Clermont	Submersible	3kW	Grundfos	SP7-23	42.0	PVC 50mm	150mm
62	Cockman	Submersible	11kW	Grundfos	SP46-8-C	28	P 80mm	200mm

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No.	Location	Pump Type	Pump Size	Manufacturer	Pump Model	Pump Setting Metres	* Column Type	Bore Dia.
63	Coolabah	Submersible	1.5kW	Grundfos	SP5A-17	25	Poly 40mm	150 to 100mm
64	Conica	Submersible	7.5kW	Grundfos	SP27.9	12	PVC 80mm	150mm
65	Conica Aerator	Aerator	3kW	Grundfos	SP14-10	Skid /Lake	N/A	N/A
66	Craigie Leisure	Submersible	7.5kW	Grundfos	SP27-9	27	P 80mm	200mm
67	Cunningham	Submersible	9.2kW	Grundfos	SP30-11	40	P 80mm	200mm
68	Dampier	Submersible	7.5kW	Grundfos	SP30-7	22.5	S 80mm	200mm
69	Decrillion	Submersible	5.5kW	Franklin	SP17-10	44	P 80mm	200mm
70	Delgado	Submersible	7.5kW	Grundfos	SP30-8	30	PVC 50mm	150mm
71	Doncaster	Submersible	5.5kW	Grundfos	SP17-10	35.6	PVC 80mm	150mm
72	Earlsferry	Submersible	18.5kW	Grundfos	SP60-10	22.5	PVC 100mm	200mm
73	Edgewater	Submersible	15kW	Grundfos	SP60-12/9	51.5	P 100mm	200mm
74	Elcar	Submersible	15kW	Grundfos	SP46-10	40.5	PVC 80mm	150mm
75	Ellersdale	Submersible	22kW	Grundfos	SP46-15	47	P 100mm	200mm
76	Emerald	Submersible	18.5kW	Grundfos	SP46-12	42m	P100 mm	200mm
77	Fairmont	Submersible	22kW	Grundfos	SP46-15	53.26	P 100mm	200mm
78	Fairway	Submersible	7.5kW	Grundfos	SP14A-25	56	PVC 50mm	150mm
79	Fairway Circle	Submersible	4kW	Grundfos	SP8A-25	39.6	S 50mm	100mm
80	Falklands	Submersible	22kW	Grundfos	SP60-12	35.7	P 100mm	200mm
81	Fenton	Submersible	2.2kW	Grundfos	SP5A-21	43	Poly 40mm	100mm
82	Fernwood	Submersible	15kW	Grundfos	SP46-9	33	P 80mm	200mm
83	Finney	Submersible	15kW	Grundfos	SP60-8	22.9	PVC 100mm	200mm
84	Flinders	Submersible	26kW	Grundfos	SP77-7	10	P 100mm	200mm
85	Flinders Park South	Aerator	2.2kw	Ottobine		Lake		
86	Flinders Park North	Aerator	3.73kw	Ottobine		Lake		
87	Forest	Submersible	22kW	Grundfos	SP77-6	28	P 100mm	200mm
88	Forrest Hill	Submersible	11kW	Grundfos	SP46-7	35	PVC100	150mm
89	Galston	Submersible	22kW	Grundfos	SP46-13	36	PVC 100mm	200mm
90	Gascoyne	Submersible	22kW	Grundfos	SP60-12	32	P 100mm	200mm
91	Geneff	Submersible	11kW	Grundfos	SP30-12	11	P 80mm	150mm
92	George Sears	Submersible	4kW	Grundfos	SP17-7	16	P 80mm	200mm
93	Gibson	Submersible	22kW	Grundfos	SP60-11	40	P 100mm	200mm
94	Glengary	Submersible	22kW	Grundfos	SP95-5	24	P 100mm	200mm
95	Gradient	Submersible	18.5kW	Grundfos	SP46-10	42.370	PVC 100mm	200mm

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No.	Location	Pump Type	Pump Size	Manufacturer	Pump Model	Pump Setting Metres	* Column Type	Bore Dia.
96	Granadilla	Submersible	30kW	Grundfos	SP95-7	41.6	P 100mm	200mm
97	Greenlaw	Submersible	15kW	Grundfos	SP46-11/10	32.5	PVC 80mm	200mm
98	Haddington	Submersible	15kW	Grundfos	SP46-10	30	P 100mm	200mm
99	Harbour Rise	Submersible	9.2kW	Grundfos	SP30-11	12	P 80mm	200mm
100	Hawker	Submersible	18.5kW	Grundfos	SP46-11	27	PVC 100mm	150mm
101	Heathridge	Submersible	26kW	Grundfos	SP60-13	30	P 100mm	250mm
102	Hillarys	Submersible	30kw	Grundfos	SP95-5	37	P 100m	200mm
103	Hilton	Submersible	5.5kW	Grundfos	SP17-9	38	P 80mm	200mm
104	Huntingdale	Submersible	4kW	Grundfos	SP8A-25	41.5	S50mm	100mm
105	Illawong	Submersible	7.5kW	Grundfos	SP17-11	40.8	PVC 80mm	150mm
106	Iluka Foreshore	Submersible	7.5kW	Grundfos	SP27-9	18.1	P 80mm	125mm
107	Iluka Sports East	Submersible	15kW	Grundfos	SP46-10	36.250	P 80mm	200mm
108	Iluka Sports West	Submersible	15kW	Grundfos	SP46-9	34.6	P 80mm	200mm
109	James Cook	Submersible	22kW	Grundfos	SP60-12	30	P 100mm	200mm
110	Joondalup Library	Submersible	5.5kW	Grundfos	SP95-1	Skid / Fountain	N/A	N/A
111	Juniper	Submersible	26kW	Grundfos	SP95-6	20	P 100mm	200mm
112	Kallaroo	Submersible	15kW	Grundfos	SP46-9	42	P 80mm	200mm
113	Kanangra	Submersible	11kW	Grundfos	SP46-8-C	25.4	P 100mm	200mm
114	Kiernan	Submersible	18.5kW	Grundfos	SP60-12	20	PVC 100mm	150mm
115	Kingsley	Submersible	15kW	Grundfos	SP46-10	30	P 100mm	200mm
116	Korella	Submersible	15kW	Turbomaster	SO12-9	12	P 100mm	200mm
117	Lacepede	Submersible	7.5kW	Grundfos	SP30-8	9	PVC 80mm	150mm
118	Lacepede West Coast	Submersible	15kW	Grundfos	SP60-10	6	P 100mm	200mm
119	Lake valley	Submersible	9.2kW	Grundfos	SP30-9	42	P 80mm	200mm
120	Lakeside Bore	Submersible	15kW	Franklin	SX NAH-4	42	P 100mm	200mm
121	Lakeside Irrigation 1	Vertical multi stage	11kW	Grundfos	CR45-3	Pump Station	N/A	N/A
122	Lakeside Irrigation 2	Vertical multi stage	11kW	Grundfos	CR45-3	Pump Station	N/A	N/A
123	Lakeside Irrigation 3	Vertical multi stage	11kW	Grundfos	CR45-3	Pump Station	N/A	N/A
124	Lakeside Irrigation Jockey	Vertical multi stage	3kW	Grundfos	CR10-8	Pump Station	N/A	N/A
125	Larkspur	Submersible	18.5kW	Turbomaster	SO8-13	56	P 80mm	200mm
126	Leeward	Submersible	11kW	Grundfos	SP30-12	17.3	P 80mm	200mm
127	Legana	Submersible	7.5kW	Grundfos	SP14-25	33.5	PVC 80mm	150mm
128	Leichardt	Submersible	15kW	Grundfos	SP46-10	39	P 100mm	200mm

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No.	Location	Pump Type	Pump Size	Manufacturer	Pump Model	Pump Setting Metres	* Column Type	Bore Dia.
129	Lexcen	Submersible	15kW	Grundfos	SP46-10	38	P 80mm	200mm
130	Littorina	Submersible	15kW	Grundfos	SP46-12	14	PVC 100mm	200mm
131	McCauley	Submersible	11kW	Grundfos	SP30-12	35.2	P 80mm	200mm
132	McDonald East	Submersible	30kW	Grundfos	SP95-7	34	PVC 100mm	200mm
133	McDonald West	Submersible	30kW	Grundfos	SP95-7	34	P 100mm	200mm
134	Marbella	Submersible	5.5kW	Grundfos	SP17-9	12	P 80mm	150mm
135	Marri	Submersible	15kW	Grundfos	SP46-9	38	P 80mm	200mm
136	Mawson	Submersible	22kW	Grundfos	SP95-5	9	P 100mm	250mm
137	McCubbin Aerator	Aerator	5.5kW	Franklin	SP17-10	Skid / Lake	N/A	N/A
138	McCubbin Bore	Submersible	4kW	Grundfos	SP30-4	35	P 80mm	150mm
139	McCubbin Irrigation	Submersible	11kW	Grundfos	SP30-11	Wet Well	N/A	N/A
140	McNaughton North	Submersible	22kW	South Cross	NAD-13	40.25	P 100mm	200mm
141	McNaughton South	Submersible	22kW	Grundfos	SP46-15	51	P 100mm	200mm
142	Carnaby	Submersible	22kW	Grundfos	SP46-15	51	P 100mm	200mm
143	Melene	Submersible	18.5kW	Grundfos	SP77-5	33	PVC 100mm	200mm
144	Menteith	Submersible	7.5kW	South Cross	NAB SX -9	33	P 80mm	200mm
145	Merrifield	Submersible	7.5kW	Grundfos	SP30-8	17	PVC 80mm	150mm
146	Mirror	Submersible	15kW	Grundfos	SP60-8	20	P 100mm	200mm
147	Montague	Submersible	15kW	Grundfos	SP46-10	26	PVC 100mm	200mm
148	Moolanda	Submersible	22kW	Grundfos	SP60-12	52	P 100mm	200mm
149	Negresco	Submersible	5.5kW	Grundfos	SP17-10	50.25	PVC 50mm	200mm
150	Neil Hawkins	Submersible	11kW	Grundfos	SP46-8-C	21	P 16 x 80mm SS 5 x 80mm	200mm
151	Newcombe	Submersible	18.5kW	Grundfos	SP60-10	45.9	P 100mm	200mm
152	Newham	Submersible	11kW	Grundfos	SP30-9	32.5	PVC 80mm	150mm
153	Noel Gannon	Submersible	18.5kW	South Cross	SX NAD-11	40.2	PVC 80mm	200mm
154	Oahu Bore	Submersible	2.2kW	Grundfos	SP17-3	13	PVC 80mm	200mm
155	Oahu Fountain No1	Aerator	2.6kW	Grundfos	DP10-65-26	Lake	N/A	N/A
156	Oahu Fountain No2	Aerator	2.6kW	Grundfos	DP10-65-26	Lake	N/A	N/A
157	Oahu Recycle	Submersible	7.5kW	Grundfos	SP125-1A	Wet Well	N/A	N/A
158	Oahu Irrigation	Submersible	7.5kW	Grundfos	SP30-7	12	PVC 80mm	200mm
159	Ocean Gate	Submersible	4kW	Grundfos	SP8A-25	32.5	S 50mm	150mm
160	Ocean Reef Boat Harbour	Submersible	1.5kW	Grundfos	SP8A-7	13.6	S 50mm	150mm

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No.	Location	Pump Type	Pump Size	Manufacturer	Pump Model	Pump Setting Metres	* Column Type	Bore Dia.
	Wash Down							
161	Ocean Reef Boat Foreshore	Submersible	1.5kW	Grundfos	SP8A-10	Well	Poly 40mm	100mm
162	Ocean Reef	Submersible	37kW	Grundfos	SP95-9	55.9	P 100mm	200mm
163	Oleaster	Submersible	3kW	Grundfos	SP8A-18	22	P 21x80mm SS 1x80mm	200mm
164	Otago	Submersible	30kW	Grundfos	SP95-7	47.8	P 100mm	200mm
165	Oxley	Submersible	15kW	Grundfos	SP46-10	29	PVC 100mm	200mm
166	Parin	Submersible	4kW	Grundfos	SP17-7	14	P 80mm	200mm
167	Parkside	Submersible	9.2kW	Grundfos	SP30-9	28	PVC 80mm	200mm
168	Penistone East	Submersible	26kW	Grundfos	SP60-15	38.8	P 80mm	200mm
169	Penistone West	Submersible	30kW	Grundfos	SP77-9	33.8	P 100mm	150mm
170	Percy Doyle Football	Submersible	30kW	Grundfos	SP77-8	54	P 100mm	200mm
171	Percy Doyle Soccer	Submersible	22kW	Grundfos	SP60-14	44	PVC 100mm	200mm
172	Plumdale	Submersible	5.5kW	Grundfos	SP16-12	36.4	S 50mm	200mm
173	Portree	Submersible	13kW	Grundfos	SP30-14	47	PVC 100mm	200mm
174	Poynter	Submersible	11kW	Turbomaster	SO8-8	31	Hydroline 100mm	200mm
175	Prince Regent	Submersible	30kW	Grundfos	SP95-7	40	PVC100mm	200mm
176	Quarry	Submersible	18.5kW	Turbomaster	SO14-10	48.5	PVC 100mm	200mm
177	Quarry Ramble	Submersible	7.5kW	Grundfos	SP30-8	22	P 80mm	200mm
178	Robin	Submersible	22kW	Grundfos	SP77-6	25.4	P 100mm	200mm
179	Roger	Submersible	15kW	Grundfos	SP46-10	23	P 80mm	200mm
180	Roxburgh	Submersible	11kW	Grundfos	SP46-8-C	40.2	PVC 80mm	200mm
181	Rutherglen	Submersible	18.5kW	Grundfos	SP46-12	27	P 100mm	200mm
182	Sandleford	Submersible	11kW	Grundfos	SP30-13	14.5	P 80mm	200mm
183	Santa Anna	Submersible	5.5kW	Grundfos	SP14-18	30	PVC 80mm	150mm
184	Santa Monica	Submersible	5.5kW	Grundfos	SP14A-18	32	S 50mm	150mm
185	Santiago	Submersible	26kW	Grundfos	SP60-13	38	PVC 100mm	200mm
186	Seacrest North	Submersible	22kW	Grundfos	SP46-14	24.8	P 100mm	200mm
187	Seacrest South	Submersible	18.5kW	Grundfos	SP60-10	26.4	P 100mm	200mm
188	Sheoak	Submersible	7.5kW	Grundfos	SP17-11	46	P 80mm	200mm
189	Shepherds Bush	Submersible	11kW	Grundfos	SP30-13	48.8	P 80mm	150mm
190	Simpson	Submersible	9.2kW	Grundfos	SP30-11	34.2	S 80mm	200mm
191	Sir James McCusker Park	Aerator	3.73kw	Ottobine		Lake		

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No.	Location	Pump Type	Pump Size	Manufacturer	Pump Model	Pump Setting Metres	* Column Type	Bore Dia.
192	Sorrento Beach	Submersible	5.5kW	Grundfos	SP17-9	16.74	PVC 80mm	200mm
193	Southern Cross	Submersible	18.5kW	Grundfos	SP45-15	49.6	S 80mm	200mm
194	Springvale	Submersible	7.5kW	Grundfos	SP30-8	31	P 80mm	150mm
195	Sir James McCusker Bore	Submersible	7.5kW	Grundfos	SP46-5	26	PVC 80mm	200mm
196	Sir James McCusker Irrigation	Submersible	11kW	Grundfos	SP46-7	Wet Well	N/A	N/A
197	Sir James McCusker Recycle	Submersible	15kW	South Cross	NAH-4	Wet Well	N/A	N/A
198	Saint Michaels	Submersible	18.5kW	Grundfos	SP60-10	44	PVC 100mm	200mm
199	Stanford	Submersible	7.5kW	Grundfos	SP30-7	32	P 80mm	150mm
200	Sycamore	Submersible	15kW	Grundfos	SP60-8	30	P 100mm	200mm
201	Leehman	Submersible	5.5kW	Grundfos	SP17-10	31	P 80mm	200mm
202	Tarolinta	Submersible	18.5kW	Grundfos	SP60-10	49.2	PVC 80mm	150mm
203	Telopia	Submersible	1.5kW	Franklin	SP5A-17	31	Poly 40mm	100mm
204	Thornton	Submersible	18.5kW	Grundfos	SP60-10	27	P 100mm	200mm
205	Timberlane	Submersible	11kW	Grundfos	SP30-11	25	P 80mm	200mm
206	Tom Simpson	Submersible	15kW	Grundfos	SP46-10	17.1	P 100mm	200mm
207	Tom Walker	Submersible	22kW	Grundfos	SP60-12	39.6	PVC 80mm	150mm
208	Trappers	Submersible	15kW	Grundfos	SP46-10	34	PVC 80mm	150mm
209	Wallangarra	Submersible	7.5kW	Grundfos	SP17-12	31	PVC 80mm	150mm
210	Warrandyte	Submersible	30kW	Grundfos	SP95-6	31.4	P 100mm	200mm
211	Warrigal	Submersible	9.2kW	Grundfos	SP30-11	18	P 100mm	200mm
212	Warwick Open Space	Submersible	18.5kW	Grundfos	SP46-11	21	P 100mm	200mm
213	McQuire / Waterford	Submersible	22kW	Grundfos	SP60-12	36.5	PVC 80mm	150mm
214	Waterview	Submersible	4kW	Grundfos	SP17-7	13.2	PVC 50mm	200mm
215	Wedgewood	Submersible	15kW	Grundfos	SP45-12	61	P 59 x 100mm S 2 x 100mm	200mm
216	Whitfords East	Submersible	30kW	Grundfos	SP95-7	34	PVC 100mm	200mm
217	Whitfords Sailing (Pinnaroo Point)	Submersible	15kW	Turbomaster	SO8-8	11	P 80mm	150mm
218	Whitfords Nodes No 1	Submersible	7.5kW	Grundfos	SP30-8	8	PVC 80mm	150mm
219	Whitfords Nodes No 2	Submersible	9.2kW	Grundfos	SP30-10	10	PVC 80mm	200mm
220	Whitfords Nodes No 3	Submersible	9.2kW	Grundfos	SP30-10	10	PVC 80mm	150mm
221	Whitfords West	Submersible	18.5kW	Grundfos	SP60-10	25	P 100mm	200mm
222	Windermere	Submersible	22kW	Grundfos	SP46-13	53	P 100mm	200mm

TENDER 034/19 PROVISION OF IRRIGATION PUMP AND BORE MAINTENANCE SERVICES

No.	Location	Pump Type	Pump Size	Manufacturer	Pump Model	Pump Setting Metres	* Column Type	Bore Dia.
223	Wolinski	Submersible	15kW	Grundfos	SP45-12	20	P 80mm	150mm
224	Woodlea	Submersible	2.2kW	Grundfos	SP9-11	48	PVC 50mm	200mm
225	Woodvale Library	Submersible	3.7kW	Grundfos	SP8A-25	35.4	PVC 50mm	150mm
226	Marine /St Patrick Pump1	Sump Pump	9.2Kw	Flygt		NA	NA	Drainage Pit
227	Marine /St Patrick Pump2	Sump Pump	9.2kw	Flygt		NA	NA	Drainage Pit
228	Marine/Parnell Pump 1	Sump Pump	22kw	Flygt		NA	NA	Drainage Pit
229	Marine/Parnell Pump 2	Sump Pump	22kw	Flygt		NA	NA	Drainage Pit
230	High Street Pump 1	Sump Pump	9.2kw	Flygt		NA	NA	Drainage Pit
231	High Street Pump 2	Sump Pump	9.2kw	Flygt		NA	NA	Drainage Pit
232	Percy Doyle Pump 1	Sump Pump	3.7kw	Flygt		NA	NA	Drainage Pit
233	Percy Dole Pump 2	Sump Pump	3.7kw	Flygt		NA	NA	Drainage Pit

TENDER 034/19 PROVISION OF IRRIGATION PUMP AND BORE MAINTENANCE SERVICES

General

Item	Item Description	Unit of Measure
1	Normal working hours – on-Site technician	Hour
2	Normal working hours – on-Site supervisor	Hour
3	Normal working hours – workshop technician	Hour
4	After hours/Sunday/Public Holidays – on-Site supervisor	Hour
5	After hours/Sunday/Public Holidays – on-Site technician	Hour
6	After hours/Sunday/Public Holidays – workshop technician	Hour
7	Gen set hire 20kW (includes Mob / De-mob)	Hour
8	Pump removal rig/truck hire	Day
9	Pump hire 11kW (submersible)	Day
10	Pump hire 15kW (submersible)	Day
11	Pump hire 18.5kW (submersible)	Day
12	Pump hire 22kW (submersible)	Day
13	Pump hire 30kW (submersible)	Day
Diving Team		
14	Three person diving team including all support equipment as per relevant Australian Standard	Hour
Others		
15	Materials mark-up (irrigation and miscellaneous items)	%
16	Materials percentage off list price (pumps, motors, column and associated components)	%
17	Bob Cat hire (includes operator truck / trailer)	Hour
18	1.5 tonnes excavator hire (includes operator truck / trailer)	Hour

SUMMARY OF SUBMISSIONS

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Value	Rank
		Capacity	Demonstrated experience providing similar services	Demonstrated understanding of the required tasks	Social and economic effects on the local community			
The Trustee for the McFadden Family Trust trading as Hydroquip Pumps All requirements have been met.	Yes	It was established in 1995 and currently employs 14 fulltime staff. An organisational structure and details of key personnel (managing director, operations manager, sales engineer, project manager and support team) including their skills and experience were provided. Its Submission included an extensive list of plant and equipment. Afterhours contacts for emergency requirements were supplied. Though it did not specifically address the ability to provide additional personnel, it stated its staff are cross-trained in some of the fields such as operating the pump rig and fabrication services. It has its own quality management system and a safety policy in place. A copy of its safety procedures was provided. It indicated there has been no safety incidents in over two years.	It has extensive experience completing similar contracts for many local governments since 1995. Examples of works included the Cities of Canning (supply, servicing and repair of pumps and associated bore maintenance - from 2018 to 2021), South Perth (provision of a bore and pumps maintenance service - 2016 to 2019), Swan (service of pumps, bores and filtration systems - 2019 to 2022) and Wanneroo (supply, Installation and maintenance of bores, pumping units and lake infrastructure, 2018 to 2021). It is the City's incumbent supplier.	It demonstrated a thorough understanding and appreciation of the City's requirements. It submitted a comprehensive response and proposed methodology to carry out the services, from maintenance to new and existing pumping units, redevelopment of water irrigation bores, pump and bore fault diagnostics to installation of casing block, pump installation, connection to mainline and commissioning of installed equipment.	It is located in Welshpool. Its proposed Sub-contractor (Triton Electrical) is located in Joondalup. It indicated several of its employees reside in the City.	77.5%	\$2,499,321 (assuming no change in historical usage)	1

TENDER 034/19 PROVISION OF IRRIGATION PUMP AND BORE MAINTENANCE SERVICES

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Value	Rank
		Capacity	Demonstrated experience providing similar services	Demonstrated understanding of the required tasks	Social and economic effects on the local community			
El Irrigation Pty Ltd (Think Water Perth) All requirements have been met.	Yes	It was formed in 2011. An organisation chart and a list of key staff (general manager, safety manager, bore technician, senior estimator and certified irrigation designers, maintenance and service manager, project manager) including their qualifications and experience were provided. However, it did not include any diving team or divers. A general list of equipment that will be used was supplied. Afterhours contact details were provided and it indicated the company has the ability to provide additional personnel as it is in a position to call on other resources from its maintenance division or sister company (Environmental Industries). It operates with a quality management system accredited to ISO9001 and has a safety policy in place. Copies of its safety procedures and statistics were supplied.	It demonstrated experience completing bore installation works in WA. However, its Submission only included three examples of works and these were for a new bore installation at Ravenswood Open Space, Mandurah, bore redevelopment and pump replacement at Campbell barracks, Swanbourne and bore installation at the Hollywood Primary school oval, Nedlands. All these works were undertaken for one client, Environmental Industries, which is its sister company. Period and dates or duration of these works and contracts were not provided.	It demonstrated its understanding of the required tasks. It proposed to apply the same procedures that the company already have in place for carrying out non urgent and emergency works, with emergencies completed on a priority basis. Its technicians will have a toolbox meeting on site to ensure there is a plan in place and the area is safe for workers and the public. However, it is noted the company has no in-house diving team and proposed to obtain quotes for specific diving requirements.	Its head office in WA is located in Canning Vale and depot is based in Mariginiup. It is part of a franchise that has over 55 stores with over 180 team members across Australia and New Zealand. It indicated some of its employees live in the City and the company will support local businesses from lunch bars to parts and services.	49.3%	\$3,204,346 (assuming no change in historical usage)	2