

TENDER 016/13 PROVISION OF IRRIGATION PUMP AND BORE MAINTENANCE SERVICING

**SCHEDULE OF ITEMS**

**1 BORE SERVICING**

| <b>Item</b> | <b>Description</b>                                            |
|-------------|---------------------------------------------------------------|
| 1           | Normal working hours – on-site technician as per clause 2.4.8 |
| 2           | Normal working hours – on-site supervisor as per clause 2.4.8 |
| 3           | Bore development - jetting                                    |
| 4           | Bore development - compressed air                             |
| 5           | Bore development - surging                                    |
| 6           | Bore development - recirculation                              |

## TENDER 016/13 PROVISION OF IRRIGATION PUMP AND BORE MAINTENANCE SERVICING

**2 PUMP UNIT SERVICING**

| No. | Location             | Pump Type   | Pump Size | Manufacturer | Pump Model         | Pump Setting Metres | Column Type | Bore Dia. |
|-----|----------------------|-------------|-----------|--------------|--------------------|---------------------|-------------|-----------|
| 1   | Abrohlos             | Submersible | 7.5 kW    | Franklin     | SP-16-14           | 45                  | S 80mm      | 150       |
| 2   | Adelaide             | Submersible | 15 kW     | Grundfos     | SO12-9             | 18                  | P 100mm     | 200       |
| 3   | Admiral              | Submersible | 22 kW     | Franklin     | SP60-12            | 57                  | P 100mm     | 200       |
| 4   | Albacore             | Submersible | 8.5 kW    | Franklin     | SO8-13             | 43.9                | S 80mm      | 200       |
| 5   | Aristride            | Submersible | 15 kW     | Franklin     | S08-8              | 21.3                | S 80mm      | 150 mm    |
| 6   | Annato               | Submersible | 9.2       | Grundfos     | SP30-11            | 37                  | PVC 80mm    | 200 mm    |
| 7   | Balanus              | Submersible | 11 kW     | Franklin     | SO6-13             | 39                  | P 100mm     | 200 mm    |
| 8   | Baltustrol           | Submersible | 22 kW     | Franklin     | SO12-13            | 39.5                | S 100mm     | 200 mm    |
| 9   | Barridale            | Submersible | 18.5 kW   | Grundfos     | SP46-11            | 33                  | P 100mm     | 200 mm    |
| 10  | Beaumaris Lake Fill  | Submersible | 5.5 kW    | Franklin     | REDJACKET<br>5HB-6 | 28                  | S 100mm     | 200 mm    |
| 11  | Beaumaris Recycle    | Submersible | 7.5 kW    | Grundfos     | SP60-4             | Wet Well<br>(3mtrs) | N/A         | N/A       |
| 12  | Beaumaris Irrigation | Submersible | 15 kW     | Franklin     | SO8-11             | Wet Well            | N/A         | N/A       |
| 13  | Beaumont             | Submersible | 7.5 kW    | Franklin     | SP17-12            | 28                  | PVC 80mm    | 150 mm    |
| 14  | Beldon               | Submersible | 18.5 kW   | Grundfos     | SP46-12            | 45.5                | P 100mm     | 200 mm    |
| 15  | Belrose              | Submersible | 15 kW     | Grundfos     | SP60-8             | 18                  | P 100mm     | 200 mm    |
| 16  | Bethany              | Submersible | 5.5 kW    | Franklin     | SP16-12            | 28                  | S 50mm      | 100 mm    |
| 17  | Blackall             | Submersible | 30 kW     | Franklin     | SP60-17            | 52                  | P 100mm     | 200 mm    |
| 18  | Blackboy             | Submersible | 15 kW     | Franklin     | SO12-9             | 11                  | P 100m      | 200 mm    |

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|-----|------------------------|-------------|-----------|--------------|------------|---------------------|-------------------------|-----------|
| 19  | Blackthorn             | Submersible | 15 kW     | Franklin     | SO12-9     | 22                  | P 100mm                 | 200 mm    |
| 20  | Bluelake North         | Submersible | 7.5 kW    | Franklin     | SXNAD-5    | 37.1                | S 100mm                 | 150 mm    |
| 21  | Bluelake South         | Submersible | 7.5 kW    | Franklin     | SXNAD-5    | 42                  | S 100mm                 | 150 mm    |
| 22  | Bluelake Recycle       | Submersible | 5.5 kW    | Grundfos     | SP75-2     | Wet Well            | N/A                     | N/A       |
| 23  | Bluelake Irrigation 1  | Submersible | 11 kW     | Grundfos     | SP46-8     | Wet Well            | N/A                     | N/A       |
| 24  | Bluelake Irrigation 2  | Submersible | 11 kW     | Grundfos     | SP46-8     | Wet Well            | N/A                     | N/A       |
| 25  | Bonnie Doon            | Submersible | 18.5 kW   | Grundfos     | SP45-13    | 56.7                | PVC 100mm               | 150 mm    |
| 26  | Braden                 | Submersible | 30 kW     | Grundfos     | SP77-8     | 32                  | P 30x100mm<br>S 2x100mm | 200 mm    |
| 27  | Brazier                | Submersible | 9.2 kW    | Grundfos     | SP30-9     | 40                  | P80mm                   | 200 mm    |
| 28  | Bridgewater            | Submersible | 30 kW     | Grundfos     | SP95-7     | 48.6                | S 100mm                 | 200 mm    |
| 29  | Broadbeach             | Submersible | 11 kW     | Franklin     | SP27-11    | 14.5                | S 80mm                  | 200 mm    |
| 30  | Burnsbeach             | Submersible | 5.5 kW    | Franklin     | SO6-8      | 16.5                | P 80mm                  | 200mm     |
| 31  | Caledonia              | Submersible | 15 kW     | MS600        | SP45-12    | 36.9                | S 80mm                  | 200mm     |
| 32  | Calander               | Submersible | 7.5 kW    | Grundfos     | SP17-13    | 41                  | P 80mm                  | 150mm     |
| 33  | Calthorp               | Submersible | 11 kW     | Grundfos     | SO8-9      | 48.4                | S 80mm                  | 150mm     |
| 34  | Camberwarra            | Submersible | 22 kW     | Grundfos     | SP77-6     | 35.88               | S 100mm                 | 200mm     |
| 35  | Castlecrag             | Turbine     | 15 kW     | Turbo Master | LO12-9     | 13.44               | S 100mm                 | 150mm     |
| 36  | Central Park Aerator 1 | Submersible | 2.2 kW    | Grundfos     | CR16-50    | Skid / Lake         | N/A                     | N/A       |
| 37  | Central Park Aerator 2 | Submersible | 2.2 kW    | Grundfos     | SP8A-15    | Skid / Lake         | N/A                     | N/A       |

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|-----|---------------------------|----------------------|-----------|--------------|---------------|---------------------|-------------|-----------|
| 38  | Central Park Aerator 3    | Submersible          | 5.5 kW    | Franklin SS  | SP16-12       | Skid / Lake         | N/A         | N/A       |
| 39  | Central Park Irrigation 1 | V-multi- stage       | 18.5 kW   | Grundfos     | CR60-70       | Pump House          | N/A         | N/A       |
| 40  | Central Park Irrigation 2 | V-multi- stage       | 18.5 kW   | Grundfos     | CR60-70       | Pump House          | N/A         | N/A       |
| 41  | Central Park Irrigation 3 | V-multi- stage       | 18.5 kW   | Grundfos     | CR60-70       | Pump House          | N/A         | N/A       |
| 42  | Central Park East         | Submersible          | 15.5 kW   | Franklin     | SX NAH-5      | 54.35               | S 100mm     | 200mm     |
| 43  | Central Park West         | Submersible          | 15.5 kW   | Franklin     | SX NAH -5     | 50.5                | S 100mm     | 200mm     |
| 44  | Central Park              | Centrifugal          | 2.2 kW    | Lowara       | CAM-120-55-AV | Well                | N/A         | N/A       |
| 45  | Central Park Recycle 1    | Centrifugal          | 5.5kw     | Grundfos     | MGF51C-F-255  | Pump House          | N/A         | N/A       |
| 46  | Central Park Recycle 2    | Centrifugal          | 5.5kw     | Grundfos     | MGF51C-F-255  | Pump House          | N/A         | N/A       |
| 47  | Central Park Jockey       | Vertical multi stage | 5.5 kW    | Grundfos     | CR16-5        | Pump House          | N/A         | N/A       |
| 48  | Chadstone                 | Submersible          | 4 kW      | Grundfos     | SP8A-25       | 22.5                | S 50mm      | 100mm     |
| 49  | Charonia                  | Submersible          | 37 kW     | Grundfos     | SP95-8        | 34                  | S 100mm     | 200mm     |
| 50  | Chelsea                   | Submersible          | 30 kW     | Franklin     | SO20-12       | 33.7                | S 100mm     | 150mm     |
| 51  | Chelsford                 | Submersible          | 22 kW     | Grundfos     | SP60-12       | 50                  | PVC 100mm   | 200mm     |
| 52  | Chichester North          | Submersible          | 30 kW     | Grundfos     | SP95-6        | 28.5                | P 100mm     | 200mm     |

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|-----|------------------|-------------|-----------|--------------|------------|---------------------|-------------|-----------|
| 53  | Chichester South | Submersible | 26 kW     | Grundfos     | SP95-6     | 30                  | P 100mm     | 200mm     |
| 54  | Christchurch     | Submersible | 30 kW     | Franklin     | SX NAH-8   | 72.5                | S 100mm     | 200mm     |
| 55  | Churton          | Submersible | 13 kW     | Grundfos     | SP46-9     | 25.4                | S 80mm      | 200mm     |
| 56  | Circle           | Submersible | 11 kW     | Franklin     | SO8-7      | 47.830              | P 80mm      | 200mm     |
| 57  | Clermont         | Submersible | 5.5 kW    | Grundfos     | SP17-10    | 41.0                | S 50mm      | 150mm     |
| 58  | Cockman          | Submersible | 11 kW     | Grundfos     | SP46-8     | 28                  | P 80mm      | 200mm     |
| 59  | Coolabah         | Submersible | 15 kW     | Franklin     | SP5A-17    | 25                  | Poly 40mm   | 100mm     |
| 60  | Conica           | Submersible | 7.5 kW    | Grundfos     | SP27.9     | 12                  | PVC 80mm    | 150mm     |
| 61  | Conica Aerator   | Submersible | 2 kW      | Grundfos     | SP8A-10    | Skid /Lake          | N/A         | N/A       |
| 62  | Craigie Leisure  | Submersible | 7.5 kW    | Grundfos     | SP27-9     | 27                  | P 80mm      | 200mm **  |
| 63  | Cunningham       | Submersible | 9.2 kW    | Grundfos     | SP30-11    | 40                  | P 80mm      | 200mm     |
| 64  | Dampier          | Submersible | 7.5 kW    | Grundfos     | SP30-7     | 22.5                | S 80mm      | 200mm     |
| 65  | Decrillion       | Submersible | 5.5 kW    | Franklin     | SP17-10    | 44                  | 80mm        | 200mm     |
| 66  | Delgardo         | Submersible | 7.5 kW    | Grundfos     | SP30-7     | 30                  | PVC 50mm    | 150mm     |
| 67  | Doncaster        | Submersible | 5.5 kW    | Grundfos     | SP12-12    | 35.6                | S 80mm      | 150mm     |
| 68  | Earlsferry       | Submersible | 18.5 kW   | Franklin     | SO12-11    | 22.5                | S 100mm     | 200mm     |
| 69  | Edgewater        | Submersible | 22 kW     | Grundfos     | SP60-10    | 51.5                | S 100mm     | 200mm     |
| 70  | Elcar            | Submersible | 15 kW     | Franklin     | SO8-11     | 40.5                | S 80mm      | 150mm     |
| 71  | Ellersdale       | Submersible | 18.5 kW   | Franklin     | SP60-10    | 40                  | P 100mm     | 200mm     |
| 72  | Emerald          | Submersible | 18.5 kW   | Grundfos     | SP46-12    | 42m                 | P100 mm     | 200mm     |

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|-----|----------------|-------------|-----------|--------------|------------|---------------------|-----------------|-----------|
| 73  | Fairmont       | Submersible | 22 kW     | Lowara       | Z642-17    | 53.26               | P 100mm         | 200mm     |
| 74  | Fairway        | Submersible | 18.5 kW   | Grundfos     | SP14A-25   | 49.7                | S 50mm          | 150mm     |
| 75  | Fairway Circle | Submersible | 4 kW      | Grundfos     | SP8A-25    | 39.6                | S 50mm          | 100mm     |
| 76  | Falklands      | Submersible | 22 kW     | Grundfos     | SP60-12    | 35.7                | P 100mm         | 200mm     |
| 77  | Fenton         | Submersible | 2.2 kW    | Grundfos     | SP5A-21    | 43                  | Poly 40mm       | 100mm     |
| 78  | Fernwood       | Submersible | 15 kW     | Grundfos     | SP46-9     | 33                  | P 80mm          | 200mm     |
| 79  | Finney         | Submersible | 15 kW     | Franklin     | SO12-9     | 22.9                | S 100mm         | 200mm     |
| 80  | Flinders       | Submersible | 22 kW     | Grundfos     | SP75-7     | 10                  | P 100mm         | 200mm     |
| 81  | Forest         | Submersible | 22 kW     | Grundfos     | SP77-6     | 28                  | S 100mm         | 200mm     |
| 82  | Galston        | Submersible | 22 kW     | Franklin     | SO12-12    | 36                  | Hydroline 100mm | 200mm     |
| 83  | Gascoyne       | Submersible | 22 kW     | Franklin     | SP60-12    | 32                  | P 100mm         | 200mm     |
| 84  | Geneff         | Submersible | 11 kW     | Franklin     | SO8-8      | 11                  | P 80mm          | 150mm     |
| 85  | George Sears   | Submersible | 4 kW      | Grundfos     | SP77-7     | 16                  | P 80mm          | 200mm     |
| 86  | Gibson         | Submersible | 22 kW     | Grundfos     | SP60-11    | 40                  | P 100mm         | 200mm     |
| 87  | Glengary       | Submersible | 22 kW     | Grundfos     | SP95-5     | 11                  | P 100mm         | 200mm     |
| 88  | Gradient       | Submersible | 18.5 kW   | Grundfos     | SP46-10    | 42.370              | P 100mm         | 200mm     |
| 89  | Granadilla     | Submersible | 30 kW     | Franklin     | SO22.6     | 41.6                | P 100mm         | 200mm     |
| 90  | Greenlaw       | Submersible | 15 kW     | Grundfos     | SP46-10    | 32.5                | S 80mm          | 200mm     |
| 91  | Haddington     | Submersible | 15 kW     | Grundfos     | SP46-10    | 30                  | P 100mm         | 200mm     |

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|-----|-------------------|-------------|-----------|--------------|------------|---------------------|-------------|-----------|
| 92  | Harbour Rise      | Submersible | 9.2 kW    | Grundfos     | SP30-11    | 20                  | S 80mm      | 200mm     |
| 93  | Hawker            | Submersible | 18.5 kW   | Grundfos     | SP46-11    | 26.7                | S 100mm     | 150mm     |
| 94  | Heathridge        | Submersible | 26 kW     | Grundfos     | SP60-13    | 30                  | P 100mm     | 250mm     |
| 95  | Hillarys          | Submersible | 18.5kw    | Grundfos     | SP46-11    | 37                  | S 100m      | 200mm     |
| 96  | Hilton            | Submersible | 5.5 kW    | Grundfos     | SP17-9     | 38                  | P 80mm      | 200mm     |
| 97  | Huntingdale       | Submersible | 3.7 kW    | Franklin     | SP8A-25    | 41.5                | S50mm       | 100mm     |
| 98  | Illawong          | Submersible | 7.5 kW    | Franklin     | SO6-11     | 40.8                | S 80mm      | 150mm     |
| 99  | Iluka Foreshore   | Submersible | 7.5 kW    | Grundfos     | SP27-9     | 18.1                | S 80mm      | 125mm     |
| 100 | Iluka Sports East | Submersible | 15 kW     | Franklin     | SP46-10    | 36.250              | S 80mm      | 200mm     |
| 101 | Iluka Sports West | Submersible | 15 kW     | Franklin     | SP46-9     | 34.6                | S 80mm      | 200mm     |
| 102 | James Cook        | Submersible | 22 kW     | Franklin     | SP60-11    | 24.1                | S 100mm     | 200mm     |
| 103 | Joondalup Library | Submersible | 5.5 kW    | Grundfos     | SP95-1     | Skid /<br>Fountain  | N/A         | N/A       |
| 104 | Juniper           | Submersible | 26 kW     | Grundfos     | SP95-6     | 20                  | P 100mm     | 200mm     |
| 105 | Kallaroo          | Submersible | 15 kW     | Franklin     | SP46-9     | 42                  | P 80mm      | 200mm     |
| 106 | Kanangra          | Submersible | 11 kW     | Grundfos     | SP46-8     | 25.4                | P 100mm     | 200mm     |
| 107 | Kiernan           | Submersible | 18.5 kW   | Grundfos     | SO12-11    | 20                  | S 100mm     | 150mm     |
| 108 | Kingsley          | Submersible | 15 kW     | Grundfos     | SP46-10    | 30                  | P 100mm     | 200mm     |
| 109 | Korella           | Submersible | 15 kW     | Franklin     | SO12-9     | 12                  | P 100mm     | 200mm     |
| 110 | Lacepede          | Submersible | 7.5 kW    | Grundfos     | SP27-9     | 9                   | PVC 80mm    | 150mm     |

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|-----|----------------------------|----------------------|-----------|-----------------|------------|---------------------|------------------------|-----------|
| 111 | Lacepede West Coast        | Submersible          | 15 kW     | Franklin        | SO12-9     | 7                   | P 100mm                | 200mm     |
| 112 | Lake valley                | Submersible          | 9.2 kW    | Grundfos        | SP30-9     | 42                  | P 80mm                 | 200mm     |
| 113 | Lakeside Bore              | Submersible          | 15 kW     | Franklin        | SX NAH-4   | 42                  | P 100mm                | 200mm     |
| 114 | Lakeside Irrigation 1      | Vertical multi stage | 11 kW     | Grundfos        | CR45-3     | Pump Station        | N/A                    | N/A       |
| 115 | Lakeside Irrigation 2      | Vertical multi stage | 11 kW     | Grundfos        | CR45-3     | Pump Station        | N/A                    | N/A       |
| 116 | Lakeside Irrigation 3      | Vertical multi stage | 11 kW     | Grundfos        | CR45-3     | Pump Station        | N/A                    | N/A       |
| 117 | Lakeside Irrigation Jockey | Vertical multi stage | 3 kW      | Grundfos        | CR10-8     | Pump Station        | N/A                    | N/A       |
| 118 | Larkspur                   | Submersible          | 18.5 kW   | Franklin        | SO8-13     | 56                  | P 80mm                 | 200mm     |
| 119 | Leeward                    | Submersible          | 11 kW     | Grundfos        | SP27-13    | 17.3                | P 80mm                 | 200mm     |
| 120 | Legana                     | Submersible          | 7.5kw     | Grundfos        | SP14-25    | 33.5                | S 100mm                | 150mm     |
| 121 | Leichardt                  | Submersible          | 15 kW     | Grundfos        | SO8-10     | 42                  | S 39 100mm<br>S 3 80mm | 200mm     |
| 122 | Lexcen                     | Submersible          | 15 kW     | Grundfos        | SP46-10    | 38                  | P 80mm                 | 200mm     |
| 123 | Littorina                  | Submersible          | 15 kW     | Franklin        | SO12-9     | 14                  | Hydroline 100mm        | 200mm     |
| 124 | McCauley                   | Submersible          | 11 kW     | Franklin        | SO8-8      | 35                  | P 80mm                 | 200mm     |
| 125 | McDonald East              | Turbine              | 30 kW     | 5E Hollow Shaft | LO22-7     | 30.5                | S 100mm                | 200mm     |

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|-----|---------------------|-------------|-----------|----------------|-------------------|---------------------|----------------------------|-----------|
| 126 | McDonald West       | Submersible | 30kw      | Grundfos       | SP95-7            | 34                  | P 100mm                    | 200mm     |
| 127 | Marbella            | Submersible | 5.5 kW    | Grundfos       | SP17-9            | 12                  | P 80mm                     | 150mm     |
| 128 | Marri               | Submersible | 15 kW     | Grundfos       | SP46-9            | 21                  | S 80mm                     | 200mm     |
| 129 | Mawson              | Submersible | 22 kW     | Grundfos       | SP95-5            | 9                   | P 100mm                    | 250mm     |
| 130 | McCubbin Aerator    | Submersible | 5.5 kW    | Franklin       | SP17-10           | Skid / Lake         | N/A                        | N/A       |
| 131 | McCubbin Bore       | Submersible | 4 kW      | Grundfos       | SP30-5            | 35                  | P 80mm                     | 150mm     |
| 132 | McCubbin Recycle    | Submersible | 2.2 kW    | Flyght         | Sakuragawa DSN-33 | Wet Well            | Hydroline                  | N/A       |
| 133 | McCubbin Irrigation | Submersible | 11 kW     | Grundfos       | SP30-12           | Wet Well            | N/A                        | N/A       |
| 134 | McNaughton North    | Submersible | 18.5 kW   | Southern Cross | NAD-13            | 40.25               | S 100mm                    | 200mm     |
| 135 | McNaughton South    | Submersible | 22 kW     | Grundfos       | SP60-11           | 46                  | P 100mm                    | 20mm      |
| 136 | Carnaby             | Submersible | 22 kW     | Grundfos       | SP45-13           | 67.3                | PVC 100mm                  | 200mm     |
| 137 | Melene              | Submersible | 18.5 kW   | Grundfos       | SP77-5            | 33                  | P 100mm                    | 200mm     |
| 138 | Menteith            | Submersible | 7.5 kW    | Franklin       | NAB SX -9         | 33                  | P 80mm                     | 200mm     |
| 139 | Merrifield          | Submersible | 7.5 kW    | Franklin       | SP27-9            | 17                  | S 80mm                     | 150mm     |
| 140 | Mirror              | Submersible | 18.5 kW   | Grundfos       | SP60-8            | 20                  | P 100mm                    | 200mm     |
| 141 | Montague            | Submersible | 15 kW     | Franklin       | SO12-9            | 17                  | S 100mm                    | 200mm     |
| 142 | Moolanda            | Submersible | 18.5 kW   | Grundfos       | SP60-12           | 52                  | P 100mm                    | 200mm     |
| 143 | Negresco            | Submersible | 5.5 kW    | Franklin       | SP17-10           | 50.25               | S 50mm                     | 200mm     |
| 144 | Neil Hawkins        | Submersible | 11 kW     | Grundfos       | SP46-8            | 21                  | P 16 x 80mm<br>SS 5 x 80mm | 200mm     |

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|-----|-----------------------------------|-------------|-----------|--------------|------------|---------------------|------------------------|-----------|
| 145 | Newcombe                          | Submersible | 18.5 kW   | Grundfos     | SP60-10    | 45.9                | P 100mm                | 200mm     |
| 146 | Newham                            | Submersible | 11 kW     | Franklin     | SO8-8      | 32.5                | S 80mm                 | 150mm     |
| 147 | Noel Gannon                       | Submersible | 18.5 kW   | Franklin     | SX NAD-11  | 42.2                | S 80mm                 | 200mm     |
| 148 | Oahu Bore                         | Submersible | 2.5 kW    | Grundfos     | SP17-3     | 13                  | PVC 80mm               | 200mm     |
| 149 | Oahu Fountain No1                 | Submersible | 5.5 kW    | Grundfos     | SP46-3     | Lake                | N/A                    | N/A       |
| 150 | Oahu Fountain No2                 | Submersible | 4 kW      | Grundfos     | SP60-2     | Lake                | N/A                    | N/A       |
| 151 | Oahu Recycle                      | Submersible | 7.5 kW    | Grundfos     | SP125-1A   | Wet Well            | N/A                    | N/A       |
| 152 | Oahu Irrigation                   | Submersible | 7.5kw     | Grundfos     | SP30-7     | 12                  | PVC 80mm               | 200mm     |
| 153 | Ocean Gate                        | Submersible | 4 kW      | Grundfos     | SP8A-25    | 32.5                | S 50mm                 | 150mm     |
| 154 | Ocean Reef Boat Harbour Wash Down | Submersible | 1.5 kW    | Grundfos     | SP8A-7     | 13.6                | S 50mm                 | 150mm     |
| 155 | Ocean Reef Boat Foreshore         | Centrifugal | 2.1 kW    | Davey        | 125S1-2    | Well                | PVC 40mm               | 150mm     |
| 156 | Ocean Reef                        | Submersible | 37 kW     | Franklin     | SO22-7     | 55.9                | P 100mm                | 200mm     |
| 157 | Oleaster                          | Submersible | 3 kW      | Grundfos     | SP8A-18    | 22                  | P 21x80mm<br>SS 1x80mm | 200mm     |
| 158 | Otago                             | Submersible | 30 kW     | Franklin     | SO22-7     | 45.6                | S 100mm                | 200mm     |
| 159 | Oxley                             | Submersible | 15 kW     | Franklin     | SO8-9      | 29                  | S 100mm                | 200mm     |
| 160 | Parin                             | Submersible | 4 kW      | Grundfos     | SP17-7     | 14                  | P 80mm                 | 200mm     |
| 161 | Parkside                          | Submersible | 11 kW     | Franklin     | SO6-12     | 28                  | S 80mm                 | 200mm     |
| 162 | Penistone East                    | Submersible | 26 kW     | Grundfos     | SP60-15    | 38.8                | P 80mm                 | 200mm     |

## TENDER 016/13 PROVISION OF IRRIGATION PUMP AND BORE MAINTENANCE SERVICING

| No. | Location             | Pump Type   | Pump Size | Manufacturer | Pump Model | Pump Setting Metres | Column Type                 | Bore Dia. |
|-----|----------------------|-------------|-----------|--------------|------------|---------------------|-----------------------------|-----------|
| 163 | Penistone West       | Submersible | 30 kW     | Franklin     | SO22-11    | 33.8                | P 100mm                     | 150mm     |
| 164 | Percy Doyle Football | Submersible | 30 kW     | Grundfos     | SP77-9     | 54                  | P 100mm                     | 200mm     |
| 165 | Percy Doyle Soccer   | Submersible | 18.5kw    | Grundfos     | SP46-12    | 33.5                | P 100mm                     | 200mm     |
| 166 | Plumdale             | Submersible | 5.5 kW    | Grundfos     | SP16-12    | 36.4                | S 50mm                      | 200mm     |
| 167 | Portree              | Submersible | 11kw      | Grundfos     | SP30-11    | 53.5                | S 46.5 x100mm<br>S 7 x 80mm | 200mm     |
| 168 | Poynter              | Submersible | 11 kW     | Franklin     | SO8-8      | 31                  | Hydroline<br>100mm          | 200mm     |
| 169 | Prince Regent        | Submersible | 37 kW     | Grundfos     | SP95-7     | 33.9                | PVC100mm                    | 200mm     |
| 170 | Quarry               | Submersible | 18.5 kW   | Franklin     | SO14-10    | 48.5                | 100mm                       | 200mm     |
| 171 | Quarry Ramble        | Submersible | 7.5 kW    | Grundfos     | SP30-8     | 22.6                | P 80mm                      | 150mm     |
| 172 | Robin                | Submersible | 22 kW     | Grundfos     | SP77-6     | 25.4                | P 100mm                     | 200mm     |
| 173 | Roger                | Submersible | 15 kW     | Franklin     | SO12-9     | 23                  | P 80mm                      | 200mm     |
| 174 | Roxburgh             | Submersible | 11 kW     | Franklin     | SX NAB-11  | 40.2                | PVC 80mm                    | 200mm     |
| 175 | Rutherglen           | Submersible | 18.5 kW   | Franklin     | SP46-12    | 27                  | P 100mm                     | 200mm     |
| 176 | Sandleford           | Submersible | 11 kW     | Grundfos     | SP30-13    | 14.5                | P 80mm                      | 200mm     |
| 177 | Santa Monica         | Submersible | 5.5 kW    | Grundfos     | SP14A-18   | 32                  | S 50mm                      | 150mm     |
| 178 | Santiago             | Submersible | 26 kW     | Grundfos     | SP60-13    | 38                  | PVC 100mm                   | 200mm     |
| 179 | Seacrest North       | Submersible | 22 kW     | Grundfos     | SP60-12    | 24.8                | P 100mm                     | 200mm     |
| 180 | Seacrest South       | Submersible | 22 kW     | Grundfos     | SP60-10    | 26.4                | S 100mm                     | 200mm     |
| 181 | Sheoak               | Submersible | 7.5 kW    | Franklin     | SO6-9      | 46                  | P 80mm                      | 200mm     |

## TENDER 016/13 PROVISION OF IRRIGATION PUMP AND BORE MAINTENANCE SERVICING

| No. | Location                      | Pump Type   | Pump Size | Manufacturer   | Pump Model | Pump Setting Metres | Column Type | Bore Dia. |
|-----|-------------------------------|-------------|-----------|----------------|------------|---------------------|-------------|-----------|
| 182 | Shepherds Bush                | Submersible | 11 kW     | Franklin       | SO6-14     | 48.8                | S 80mm      | 150mm     |
| 183 | Simpson                       | Submersible | 9.2 kW    | Grundfos       | SP30-11    | 34.2                | S 80mm      | 200mm     |
| 184 | Sorrento Beach                | Submersible | 5.5 kW    | Grundfos       | SP17-9     | 16.74               | PVC 80mm    | 200mm     |
| 185 | Southern Cross                | Submersible | 18.5 kW   | Franklin       | SP45-15    | 49.6                | S 80mm      | 200mm     |
| 186 | Springvale                    | Submersible | 7.5 kW    | Grundfos       | SP30-8     | 31                  | P 80mm      | 150mm     |
| 187 | Sir James McCusker Bore       | Submersible | 5.5kw     | Grundfos       | SP27-7     | 26                  | PVC 80mm    | 200mm     |
| 188 | Sir James McCusker Irrigation | Submersible | 11kw      | Grundfos       | SP46-8     | Wet Well            | N/A         | N/A       |
| 189 | Sir James McCusker Recycle    | Submersible | 18.5      | Southern Cross | NAH-5      | Wet Well            | N/A         | N/A       |
| 190 | Saint Michaels                | Submersible | 18.5 kW   | Grundfos       | SP60-10    | 44                  | PVC 100mm   | 200mm     |
| 191 | Stanford                      | Submersible | 5 kW      | Grundfos       | SP30-7     | 32                  | P 80mm      | 150mm     |
| 192 | Sycamore                      | Submersible | 15 kW     | Franklin       | SO12-9     | 29                  | P 100mm     | 200mm     |
| 193 | Leehman                       | Submersible | 5.5 kW    | Grundfos       | SP17-10    | 31                  | P 80mm      | 150mm     |
| 194 | Tarolinta                     | Submersible | 18.5 kW   | Grundfos       | SP60-10    | 49.2                | S 80mm      | 150mm     |
| 195 | Telopia                       | Submersible | 1.5 kW    | Franklin       | SP5A-17    | 31                  | Poly 40mm   | 100mm     |
| 196 | Thornton                      | Submersible | 18.5 kW   | Grundfos       | SP60-10    | 27                  | P 100mm     | 200mm     |
| 197 | Timberlane                    | Submersible | 11 kW     | Franklin       | SO6-14     | 25                  | P 80mm      | 200mm     |
| 198 | Tom Simpson                   | Submersible | 15 kW     | Franklin       | SO12-9     | 17.1                | P 100mm     | 200mm     |
| 199 | Tom Walker                    | Submersible | 22kw      | Grundfos       | SP60-12    | 39.6                | PVC 80mm    | 150mm     |

## TENDER 016/13 PROVISION OF IRRIGATION PUMP AND BORE MAINTENANCE SERVICING

| No. | Location                          | Pump Type   | Pump Size | Manufacturer | Pump Model | Pump Setting Metres | Column Type                 | Bore Dia. |
|-----|-----------------------------------|-------------|-----------|--------------|------------|---------------------|-----------------------------|-----------|
| 200 | Trappers                          | Submersible | 15 kW     | Grundfos     | SP46-10    | 34                  | S 80mm                      | 150mm     |
| 201 | Wallangarra                       | Submersible | 7.5 kW    | Grundfos     | SP17-12    | 31                  | PVC 80mm                    | 150mm     |
| 202 | Warrandyte                        | Submersible | 30 kW     | Franklin     | SO22-6     | 31.4                | P 100mm                     | 200mm     |
| 203 | Warrigal                          | Submersible | 9.2 kW    | Grundfos     | SP30-11    | 15.2                | P 100mm                     | 200mm     |
| 204 | Warwick Open Space                | Submersible | 18.5kw    | Grundfos     | SP46-11    | 22                  | P 100mm                     | 200mm     |
| 205 | Mcquire                           | Submersible | 22kw      | Grundfos     | SP60-12    | 36.5                | PVC 80mm                    | 150mm     |
| 206 | Waterview                         | Submersible | 4 kW      | Grundfos     | SP17-7     | 13.2                | S 50mm                      | 200mm     |
| 207 | Wedgewood                         | Submersible | 15 kW     | Grundfos     | SP45-12    | 61                  | P 59 x 100mm<br>S 2 x 100mm | 200mm     |
| 208 | Whitfords East                    | Submersible | 30 kW     | Grundfos     | SP95-7     | 32.6                | PVC 100mm                   | 200mm     |
| 209 | Whitfords Sailing (Pinaroo Point) | Submersible | 15 kW     | Franklin     | SO8-8      | 11                  | P 80mm                      | 150mm     |
| 210 | Whitfords Nodes No 1              | Turbine     | 7.5 kW    | Hollow Shaft | LO6-10     | 9.1                 | S 100mm                     | 150mm     |
| 211 | Whitfords Nodes No 2              | Submersible | 9.5kw     | Grundfos     | SP30-10    | 9.1                 | PVC 100mm                   | 200mm     |
| 212 | Whitfords Nodes No 3              | Submersible | 9.5kw     | Grundfos     | SP30-10    | 6.1                 | PVC 80mm                    | 150mm     |
| 213 | Whitfords West                    | Submersible | 18.5 kW   | Grundfos     | SP60-10    | 25                  | P 100mm                     | 200mm     |
| 214 | Windermere                        | Submersible | 22 kW     | Grundfos     | SP46-13    | 53                  | P 100mm                     | 200mm     |
| 215 | Wolinski                          | Submersible | 15 kW     | Grundfos     | SP45-12    | 20                  | P 80mm                      | 150mm     |
| 216 | Woodlea                           | Submersible | 2.2 kW    | Franklin     | 8GS-22     | 44                  | P 80mm                      | 200mm     |
| 217 | Woodvale Library                  | Submersible | 3.7 kW    | Grundfos     | SP8A-25    | 35.4                | PVC 50mm                    | 150mm     |

\*\*Denotes unknown specification

## TENDER 016/13 PROVISION OF IRRIGATION PUMP AND BORE MAINTENANCE SERVICING

**3 PUMP UNIT SERVICING GENERAL**

| <b>Item</b>        | <b>Description</b>                                                                           |
|--------------------|----------------------------------------------------------------------------------------------|
| 1                  | Normal working hours – on-site technician as per clause 2.4.8                                |
| 2                  | Normal working hours – on-site supervisor as per clause 2.4.8                                |
| 3                  | After hours/Weekends/Public Holidays – on-site supervisor as per clause 2.4.8                |
| 4                  | Normal working hours – workshop technician as per clause 2.4.8                               |
| 5                  | Gen set hire 20kw (includes Mob / de-mob)                                                    |
| 6                  | Pump removal rig/truck hire                                                                  |
| 7                  | Pump hire 11 kW (submersible)                                                                |
| 8                  | Pump hire 15 kW (submersible)                                                                |
| 9                  | Pump hire 18.5 kW (submersible)                                                              |
| 10                 | Pump hire 22 kW (submersible)                                                                |
| 11                 | Pump hire 30 kW (submersible)                                                                |
| <b>DIVING TEAM</b> |                                                                                              |
| 12                 | Three person diving team including all support equipment as per relevant Australian Standard |

## SUMMARY OF TENDER SUBMISSIONS

| Tenderer & Description of Response | Is it Compliant? Yes or No | Comment Against Criteria                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                |                                                                                                       | Evaluation Score | Total Estimated Contract Price | Rank |
|------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------|--------------------------------|------|
|                                    |                            | Demonstrated experience in providing similar services                                                                                                                                                                                                                                                                                                                        | Capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Demonstrated understanding of the required tasks                                                                                                                                                                                                                                                                                               | Social and economic effects on the local community                                                    |                  |                                |      |
| Hydroquip Pumps                    | Yes                        | It demonstrated considerable experience providing similar services to local governments which include the Cities of Belmont, Melville, Wanneroo and Canning. The scope of work included removal and re-installation of pump units, pump repairs, supply of loan pumps, lake management, bore redevelopment works and pump flow testing. It is the City's current contractor. | It was established in 1995 and currently employs 15 staff. Support team details including skills of key personnel and diving team members were included in its submission. A comprehensive list of all equipment was supplied. Four after-hours contacts were provided and any emergency requirements would be met by its in-house staff. The company operates its own quality management and quality assurance systems. Copies of company's safety management policy, safety procedures and safety record of the past two years were supplied. | It demonstrated a thorough understanding of the required tasks. It provided a detailed implementation strategy for the required tasks identifying four key areas of preventative maintenance, emergency repairs, general works and data management. The work methodology for each section was itemised and covers all the City's requirements. | It would seek to purchase products from local businesses.<br><br>The company is located in Welshpool. | 70.8%            | \$1,313,478                    | 1    |
| All requirements have been met     |                            |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                |                                                                                                       |                  |                                |      |

[illegible]