# SECTION 6 - THE SCHEDULES

## 6.1 THE PRICE SCHEDULE

This Contract is a Lump Sum Contract with some measureable and provisional items - Refer Cl 2.2 of NZS 3910.

**Preamble**

The description of work given for the various items in the Price Schedule are not necessarily complete in all respects, and reference should be made to the Specification and Drawings which are to be read in conjunction with the Schedule.

The rates and amounts to be inserted in the Price Schedule shall be the full inclusive value of the work described under the several items, including all costs and expenses required for all construction of the work described and any temporary works, together with all general risks, liabilities and obligations set out or implied in the Contract Documents. Unless stated to the contrary within the documents, all volume measures are “tight” (in place) measures.

A rate or amount shall be entered against every item shown in the Price Schedule. The cost of any incidental work necessary for the proper completion of the Contract but not shown separately in the Price Schedule shall be included in the rate or amount for the item to which it appropriately relates, but if any incidental work cannot be readily included under a scheduled item it shall be added to the Price Schedule by the Contractor as a new item. Any item left unpriced by the Tenderer will be deemed to be included in the prices tendered for other items.

Additional sand for the construction of the wastewater treatment pond will be available free of charge from an area within 4km of the WWTP. The Contractor shall allow for the mining, transportation, stockpiling and placement of sand in item 2.3.1 together with reinstatement to pasture of the mined area. The Principal will obtain any necessary Resource Consents.

All Mechanical and Electrical items and associated civil works will be procured directly by the Principal.

Tenderers shall enter quantities of pipework under items 2.2.2.1 to 12.

**Summary of Amounts**

|  |  |
| --- | --- |
| **ITEM** | **AMOUNT** |
| **SUB-TOTAL Separable portion A – Design Phase** |  |
| **SUB-TOTAL Separable portion B – Supply and Construction Phase** |  |
| **Sub-Total Separable portion C – Supply and InstallAtion On-Lot Facilities Construction Phase** |  |
| **SUB-TOTAL Separable portion d – Ongoing Supply and InstallAtion of ON-LOT FACILITIES** |  |
| **SUB-TOTAL Unscheduled Items (Tenderer to Specify)** |  |
| **TOTAL AMOUNT OF TENDER** | $ |

Signature

Name of Tenderer

Date

**PRICE SCHEDULE**

**Himatangi Beach Community Sewerage Scheme**

**1.0 Separable portion A – Design Phase**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **UNIT** | **QUANTITY** | **RATE** | **AMOUNT** |
|  | **Design**  Undertake comprehensive design and documentation of all parts of the wastewater collection, reticulation and treatment system. Design to be undertaken in three parts |  |  |  |  |
| **1.1** | **Concept Design** |  |  |  |  |
|  | Concept design with full system description, preliminary layout, sizes and proposed key components. Preliminary analysis, calculations and concept design report submit to Principal and meet to discuss issues. | LS | 1 |  |  |
| **1.2** | **Developed (80%) Design**  Developed design calculations, drawings, specification including separate specification for on lot works . Product names, suppliers, etc  Developed design report, submit to Principal and meet to discuss issues. | LS | 1 |  |  |
| **1.3** | **100% Design and Documentation**  Prepare final construction drawings and specification incorporating all agreed issues arising out of items 1.1 and 1.2.  Provision of final design report, analysis and calculations and PS1 Design Producer Statement | LS | 1 |  |  |
|  | **SUB-TOTAL Separable portion A – Design Phase** | | | | **$** |

**Himatangi Beach Community Sewerage Scheme**

**2.0 Separable portion B – Supply and Construction Phase**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **UNIT** | **QUANTITY** | **RATE** | **AMOUNT** |
| **2.1** | **Preliminary and General** |  | 1 |  |  |
| **2.1.1** | Insurances, bonds, fees, permits, etc | LS | 1 |  |  |
| **2.1.2** | Setting out | LS | 1 |  |  |
| **2.1.3** | Establishment and disestablishment | LS | 1 |  |  |
| **2.1.4** | Engineering Observation oversight by Public Reticulation Designer at a level to adequately control and monitor construction standards and provide Producer Statement PS4 on completion | LS | 1 |  |  |
| **2.1.5** | Provision of all other items required by the Preliminary and General clauses of the Contract Documents or otherwise needed to complete the project in accordance with the Contract Documents | LS | 1 |  |  |
|  | **Sub-Total Preliminary and General** | | | | **$** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **UNIT** | **QUANTITY** | **RATE** | **AMOUNT** |
| **2.2** | **Public Reticulation – Separable Portion B** |  |  |  |  |
| **2.2.1** | Supply and install rising main boundary kits comprising non-return valve, flushing tee and isolation or stop valve, contained within a valve box with lid, allow for connection to individual property pipework | No | 400 |  |  |
| **2.2.2** | Supply and lay reticulation in public streets and other public areas (berms, parks etc) Allow for valves, tees, bends etc to provide services to individual lots. Pipe sizes and lengths to be defined by Contractor |  |  |  |  |
| 2.2.2.1 | DN 40 by trenching | m |  |  |  |
| 2.2.2.2 | DN 40 by other method | m |  |  |  |
| 2.2.2.3 | DN 50 by trenching | m |  |  |  |
| 2.2.2.4 | DN 50 by other method | m |  |  |  |
| 2.2.2.5 | DN 63 by trenching | m |  |  |  |
| 2.2.2.6 | DN 63 by other method | m |  |  |  |
| 2.2.2.7 | DN 75 by trenching | m |  |  |  |
| 2.2.2.8 | DN 75 by other method | m |  |  |  |
| 2.2.2.7 | DN 90 by trenching | m |  |  |  |
| 2.2.2.8 | DN 90 by other method | m |  |  |  |
| 2.2.2.7 | DN 110 by trenching | m |  |  |  |
| 2.2.2.8 | DN 110 by other method | m |  |  |  |
| 2.2.2.9 | Other size DN ……. by trenching | m |  |  |  |
| 2.2.2.10 | Other size DN …….by other method | m |  |  |  |
| 2.2.2.11 | Other size DN ……. by trenching | m |  |  |  |
| 2.2.2.12 | Other size DN …….by other method | m |  |  |  |
| **2.2.3** | E/O for reinstatement in public streets |  |  |  |  |
|  | Concrete driveway areas | LS | 1 |  |  |
|  | Asphalt driveway areas | LS | 1 |  |  |
|  | Grassed areas | LS | 1 |  |  |
|  | Concrete footpath areas | LS | 1 |  |  |
|  | Bituminous surfaced (chipseal) carriageway areas | LS | 1 |  |  |
|  | Bituminous surfaced (chipseal) footpath areas | LS | 1 |  |  |
| **2.2.4** | Supply and lay reticulation from Koputara/Himatangi Beach Road to proposed treatment facility. Allow for valves, tees, bends, stream crossing, all consents for stream crossing, and all reinstatement. Pipe sizes and lengths to be defined by Contractor |  |  |  |  |
| 2.2.4.1 | DN ……. by trenching | m |  |  |  |
| 2.2.4.2 | DN …….by other method | m |  |  |  |
| 2.2.4.3 | DN ……. by trenching | m |  |  |  |
| 2.2.4.4 | DN …….by other method | m |  |  |  |
| **2.2.5** | **Public Pump Station (if required)**  Supply and install pump station including operational and emergency storage, pumps and all controls and instrumentation | LS | 1 |  |  |
|  | **Sub-Total Public Reticulation** | | | | $ |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **UNIT** | **QUANTITY** | **RATE** | **AMOUNT** |
| **2.3** | **Wastewater Treatment Facility - – Separable Portion B** |  |  |  |  |
| **2.3.1** | Construct wastewater treatment pond, including lining as applicable and all associated pipework, security fencing and lockable gate, vehicular hard standing area as per CPG drawings nos:705434 WW-01 to 04 | LS | 1 |  |  |
| **2.3.2** | Supply of potable water to the treatment facility | LS | 1 |  |  |
| **2.3.3** | Upgrade existing access way from Lake Road to proposed treatment facility entrance and construct new WWTP site access way. | LS | 1 |  |  |
|  | **Sub-Total Wastewater Treatment facility** | | | | $ |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **UNIT** | **QUANTITY** | **RATE** | **AMOUNT** |
| **2.4** | **Commissioning of Public Reticulation - – Separable Portion B** |  |  |  |  |
| **2.4.1** | Commission all public reticulation and confirm its operation meets the design standards proposed | LS | 1 |  |  |
| **2.4.2** | **Defects Liability Period**  Maintain and operate the public reticulation facilities for the duration of the Defects Liability Period. | LS | 1 |  |  |
|  | **Sub-Total Commissioning Public Works** | | | | $ |

**summary**

|  |  |  |
| --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **AMOUNT** |
| **2.1** | **Sub-Total Preliminary and General** | **$** |
| **2.2** | **Sub-Total Public Reticulation** | **$** |
| **2.3** | **Sub-Total Wastewater Treatment facility** | **$** |
| **2.4** | **Sub-Total Commissioning Public Reticulation** | **$** |
|  | **SUB-TOTAL Separable portion B – Supply and Construction Phase** | **$** |

**Himatangi Beach Community Sewerage Scheme**

**3.0 Separable portion C – Supply and InstallAtion On-Lot Facilities Construction Phase**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **UNIT** | **QUANTITY** | **RATE** | **AMOUNT** |
| **3.1** | **Preliminary and General - – Separable Portion C** |  |  |  |  |
| **3.1.1** | Insurances, bonds, fees, permits, etc | LS | 1 |  |  |
| **3.1.2** | Setting out | LS | 1 |  |  |
| **3.1.3** | Establishment and disestablishment | LS | 1 |  |  |
| **3.1.4** | Provision of all other items required by the Preliminary and General clauses of the Contract Documents or otherwise needed to complete the project in accordance with the Contract Documents | LS | 1 |  |  |
| **3.1.5** | Community and property owner liaison | LS | 1 |  |  |
|  | **Sub-Total- Preliminary and General** | | | | **$** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **UNIT** | **QUANTITY** | **RATE** | **AMOUNT** |
| **3.2** | **On lot Works – Separable Portion C** |  |  |  |  |
| **3.2.1** | Supply and delivery to site of packaged domestic sewage pump station or package pre-treatment units (as applicable) complete with holding tank with lid, pump, pipework, fittings and valves, control panel, float switch and high-level alarm float switch with remote audio-visual alarm, **(measureable item)** |  |  |  |  |
| **3.2.1.1** | Single pump units (Upper limit 250 Units Lower limit 150 Units) | No. | 200 |  |  |
| **3.2.1.2** | Supply and install pump units in new wet well for Camp Site including new switchgear, controls and power supply and modifications to existing Camp Site drainage as required | PS | 1 |  | 75,000.00 |
| **3.2.1.3** | Supply and install pump in existing wet well for Public Toilet Block and connected Community Facilities including all modifications to existing drainage and connection to new reticulation as required | PS | 1 |  | 15,000 |
| **3.2.1.4** | Spare Pumps for domestic packaged pump stations | No. | 3 |  |  |
| **3.2.2.1** | Install packaged domestic sewage pump station or package pre-treatment units, allow for any construction dewatering, reinstatement of all surfaces, and appropriately sized power supply cabling between the property switchboard and the PSU Control Unit and connection to property switchboard. (boundary box installation to be part of public reticulation works) Single pump units (Upper limit 250 Units Lower limit 150 Units) **(MEASURABLE ITEM)** | No. | 200 |  |  |
| **3.2.2.2** | Install pressure main from PSU to boundary kit | No. | 200 |  |  |
| **3.2.3** | **Anti Flotation**  E/O Item 3.2.2.1 for provision of anti-floatation measures as per manufacturer's specifications (such areas to be identified by Contractor during Design Phase) - **(measureable item)** | No. | 200 |  |  |
| **3.2.4** | **Concrete Reinstatement**  E/O Item 3.2.2.2, 3.2.7 and 3.2.8 for reinstatement of concrete areas, Reinstatement to of min width 100mm beyond each side of trench, all edges to be saw cut and reinforced with 335 mesh min 100 mm thick or to match existing where existing exceeds 100 mm **(measureable item)** | m2 | 900 |  |  |
| **3.2.5** | **Bituminous Surfacing Reinstatement (Chipseal)**  E/O Item 3.2.2.2, 3.2.7 and 3.2.8 for reinstatement of bituminous surfaced areas, Reinstatement to of min width 100mm beyond each side of trench, all edges to be saw cut, min 25 mm thick over min 150 mm AP40 basecourse, or to match existing where existing exceeds these thicknesses **(measureable item)** | m2 | 900 |  |  |
| **3.2.6** | **Grass Reinstatement**  E/O Item 3.2.2.2, 3.2.7 and 3.2.8 for reinstatement of grassed areas, Reinstatement to of min width 100mm beyond each side of trench, min 100 mm topsoil. **(measureable item)** | m2 | 2400 |  |  |
| **3.2.7** | Supply and install DN100 gravity sewer connections including all fittings from private property gully traps to new on-lot units, allow up to 3 m per property. **(measureable item)** | No. | 200 |  |  |
| **3.2.8** | E/O Item 3.2.7 for additional length of gravity sewer connection **(measureable item)** | m | 500 |  |  |
| **3.2.9** | Pump out, decommission and fill in with sand or other material existing septic tanks (where applicable). Cut off existing inlet/outlet pipes and plug with concrete all pipes left in ground and abandoned. **(measureable item)** | No. | 180 |  |  |
| **3.2.10** | Post completion commissioning all units including control, instrumentation and pump capacity checks | LS | 1 |  |  |
| **3.2.11** | Maintain at no cost to Principal for duration of defects liability period | LS | 1 |  |  |
| **3.2.12** | Provide generic Operation and Maintenance manual including all commission information, products incorporated in system, recommendations for regular maintenance, names and contacts of local repair and maintenance agents and As Builts of each unit | LS | 1 |  |  |
| **3.2.13** | Provide Home Owners Manual to each property owner | No. | 200 |  |  |
| **3.2.14** | Provide guarantees for system for total four (4) years from end of Defects Liability Period | LS | 1 |  |  |
|  | **Sub-Total On lot works** | | | | $ |

**summary**

|  |  |  |
| --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **AMOUNT** |
| **3.1** | **Sub-Total Preliminary and General** | **$** |
| **3.2** | **Sub-Total On lot works** | **$** |
|  | **SUB-TOTAL Separable portion C – Supply and InstallAtion On-Lot Facilities Construction Phase** | **$** |

**Himatangi Beach Community sewerage Scheme**

**4.0 Separable portion d – Ongoing Supply and Installation of ON-LOT FACILITIES**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **UNIT** | **QUANTITY** | **RATE** | **AMOUNT** |
| **4.1** | **Preliminary and General – Separable Portion D** |  |  |  |  |
| **4.1.1** | Insurances, bonds, fees, permits, etc | LS | 1 |  |  |
| **4.1.2** | Setting out | LS | 1 |  |  |
| **4.1.3** | Establishment and disestablishment | LS | 1 |  |  |
| **4.1.4** | Provision of all other items required by the Preliminary and General clauses of the Contract Documents or otherwise needed to complete the project in accordance with the Contract Documents | LS | 1 |  |  |
| **4.1.5** | Community and property owner liaison | LS | 1 |  |  |
|  | **Sub-Total Preliminary and General** |  |  |  | **$** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **UNIT** | **QUANTITY** | **RATE** | **AMOUNT** |
| **4.2** | **On lot Works – Separable Portion D** |  |  |  |  |
| **4.2.1** | Supply and delivery to site of packaged domestic sewage pump station or package pre-treatment units (as applicable) complete with holding tank with lid, pump, pipework, fittings and valves, control panel, float switch and high-level alarm float switch with remote audio-visual alarm, |  |  |  |  |
|  | Single pump units (Upper limit 250 Units Lower limit 150 Units) | No. | 200 |  |  |
| **4.2.2.1** | Install packaged domestic sewage pump station or package pre-treatment units, allow for any construction dewatering, reinstatement of all surfaces, pressure main to boundary, and appropriately sized power supply cabling between the property switchboard and the PSU Control Unit and connection to property switchboard. (boundary box installation to be part of public reticulation works) (Upper limit 250 Units Lower limit 150 Units). | No | 200 |  |  |
| **4.2.2.2** | Install lateral from PSU to boundary kit | No | 200 |  |  |
| **4.2.3** | **Anti Flotation**  E/O Items 4.2.2.1 for provision of anti-floatation measures as per manufacturer's specifications (such areas to be identified by Contractor during Design Phase) - **(measureable item)** | No. | 200 |  |  |
| **4.2.4** | **Concrete Reinstatement**  E/O Item 4.2.2.2 , 4.2.7 and 4.2.8 for reinstatement of concrete areas, Reinstatement to of min width 100mm beyond each side of trench, all edges to be saw cut and reinforced with 335 mesh min 100 mm thick or to match existing where existing exceeds 100 mm **(measureable item)** | m2 | 900 |  |  |
| **4.2.5** | **Bituminous Surfacing Reinstatement (Chipseal)**  E/O Item 4.2.2.2, 4.2.7 and 4.2.8 for reinstatement of bituminous surfaced areas, Reinstatement to of min width 100mm beyond each side of trench, all edges to be saw cut, min 25 mm thick over min 150 mm AP40 basecourse, or to match existing where existing exceeds these thicknesses **(measureable item)** | m2 | 900 |  |  |
| **4.2.6** | **Grass Reinstatement**  E/O Item 4.2.2.2, 4.2.7 and 4.2.8 for reinstatement of grassed areas, Reinstatement to of min width 100mm beyond each side of trench, min 100 mm topsoil. **(measureable item)** | m2 | 2400 |  |  |
| **4.2.7** | Supply and install DN100 gravity sewer connections from private property gully traps to new on-lot units, allow 3 m per property. **(measureable item)** | No. | 200 |  |  |
| **4.2.8** | E/O Item 4.2.7 for additional length of gravity sewer connection. **(measureable item)** | m | 500 |  |  |
| **4.2.9** | Pump out, decommission and fill in with sand or other material existing septic tanks (where applicable) Cut off existing inlet/outlet pipes and plug with concrete all pipes left in ground and abandoned- **(measureable item)** | No. | 180 |  |  |
| **4.2.10** | Post completion commissioning all units including control, instrumentation and pump capacity checks | LS | 1 |  |  |
| **4.2.11** | Maintain at no cost to Principal for duration of Defects Liability Period | LS | 1 |  |  |
| **4.2.12** | Update generic Operation and Maintenance manual including all commission information, products incorporated in system, recommendations for regular maintenance, names and contacts of local repair and maintenance agents and As Builts of each unit | LS | 1 |  |  |
| **4.2.13** | Provide Home Owners Manual to each property owner | No. | 200 |  |  |
| **4.2.14** | Provide guarantees for system for total five (5) years from end of Defects Liability Period | LS | 1 |  |  |
|  | **Sub-Total On lot works** |  |  |  | **$** |

**summary**

|  |  |  |
| --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **AMOUNT** |
| **4.1** | **Sub-Total Preliminary and General** | **$** |
| **4.2** | **Sub-Total On lot works** | **$** |
|  | **SUB-TOTAL Separable portion d – Ongoing Supply and InstallAtion of ON-LOT FACILITIES** | **$** |

**Himatangi Beach Community sewerage Scheme**

**5.0 Separable portion E – Operational SUPERVISION AND Performance Proving Period**

This Separable Portion is deleted from the Contract Scope.

**Himatangi Beach Community sewerage Scheme**

**6.0 Unscheduled Items (Tenderer to Specify)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **UNIT** | **QUANTITY** | **RATE** | **AMOUNT** |
| **6.1** |  |  |  |  |  |
| **6.2** |  |  |  |  |  |
| **6.3** |  |  |  |  |  |
| **6.4** |  |  |  |  |  |
|  | **SUB-TOTAL Unscheduled Items (Tenderer to Specify)** | | | | **$** |

**6.2 SCHEDULE OF DAYWORKS AND MARGINS**

To be used when the engineer authorises variations that cannot be priced based on schedule rates or pre-agreed quotations.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Unit** | **Quantity** | **Rate** | **Amount** |
| Supply of manpower/equipment on a dayworks basis (rate only) (exclusive of GST). All rates shall be inclusive of all supervision, administration, disbursements and overhead costs. |  |  |  |  |
| Project Manager | Hr |  |  |  |
| Technical Leader | Hr |  |  |  |
| Senior Engineer | Hr |  |  |  |
| Intermediate Engineer | Hr |  |  |  |
| Graduate Engineer | Hr |  |  |  |
| CAD Technician | Hr |  |  |  |
| Planner | Hr |  |  |  |
| Survey Team | Hr |  |  |  |
| Supervisor/foreman | Hr |  |  |  |
| Site Labourer | Hr |  |  |  |
|  |  |  |  |  |
| Plant inclusive of operator |  |  |  |  |
| Truck 6m3  Truck 8m3  Truck 10m3  Hitachi 200 Excavator (or equivalent)  Rubber tyred loader  Grader  Small trench excavator suitable for cabling | Hr  Hr  Hr  Hr  Hr  Hr  Hr |  |  |  |
|  |  |  |  |  |

Percentage of on and off site overheads and profit and rate per working day. Ref. NZS 3910 Clause 1.2 and 9.3.

On-Site Overheads %

Off-Site Overheads and Profit %

Rate per working day $

Margin on Subcontractors %

Margin on Materials %

Other

## 6.3 PUMP UNIT SPECIFICATION SCHEDULE

(to be completed by Tenderer)

| **Specification Topic** | **Specification Minimum** | **Specification of Tendered Unit** | **Meet Minimum Compliance** | **Better than Minimum Compliance - Explanation** |
| --- | --- | --- | --- | --- |
| **Single Pump Unit** | | | | |
| Pump | Single phase motor |  | Yes / No |  |
| Pump | Semi-positive displacement type |  | Yes / No |  |
| Pump EQD - electrical quick disconnect | Ease of maintenance requirements |  | Yes / No |  |
| Pump delivery (minimum) | 0.40l/s at 45m head |  | Yes / No |  |
| Grinder pump and control panel | Conform to AS/NZS 3350.2.41 |  | Yes / No |  |
| Motor | Capacitor start, capacitor run. Submersible options must be rated to IP68, submersible to 5m |  | Yes / No |  |
| Motor capacity (hp) | 1 |  | Yes / No |  |
| Motor size (kW) - minimum | 0.45 |  | Yes / No |  |
| Motor (rpm) | 1450 |  | Yes / No |  |
| Motor power supply | 240 volts |  | Yes / No |  |
| Motor power supply | 50 Hz |  | Yes / No |  |
| Motor power supply cable - not less than | 15m |  | Yes / No |  |
| Starting current - not greater than | 30 amperes |  | Yes / No |  |
| Starting torque - not less than | 15.6 Nm |  | Yes / No |  |
| Protection against running overloads or locked rotor conditions | Automatic reset |  | Yes / No |  |
| Grinder impellor mechanism - not greater than | 1500 rpm |  | Yes / No |  |
| Maximum flow rate through cutting mechanism - not greater than | 1.2 m/2 |  | Yes / No |  |
| Storage capacity - total (litres) - minimum | 600 |  | Yes / No |  |
| Active storage capacity - pump on to pump off (litres) - minimum | 25 |  | Yes / No |  |
| Storage volume - alarm to overflow (litres) - minimum | 400 |  | Yes / No |  |
| Retained storage volume - volume remaining when pump turns off (litres) - maximum | 100 |  | Yes / No |  |
| **General** | | | | |
| Storage tank material | High density polyethylene or FRP (state which) to AS/NZS 1546.1.1998 |  | Yes / No |  |
| Storage tank protection against flotation | Designed for concrete ballast |  | Yes / No |  |
| Operating head | 40m |  | Yes / No |  |
| Maximum head | 55m |  | Yes / No |  |
| Check valve | Swing or ball type |  | Yes / No |  |
| Anti-siphon valve | No holes in discharge piping. A dedicated anti-siphon device must be provided. |  | Yes / No |  |
| Cover | Lockable |  | Yes / No |  |
| Cover - resistant loading capacity - minimum | 500 kg |  | Yes / No |  |
| Minimum depth of inlet connection below cover level | Min: 600mm |  | Yes / No |  |
| Controls | Float switch, pressure switch or poles |  | Yes / No |  |
| Control panel | Rated IP65 |  | Yes / No |  |
| Control panel | Insulated cover |  | Yes / No |  |
| Control panel | Detailed specification |  | Yes / No |  |
| Control panel | Installation drawings |  | Yes / No |  |
| Control panel | Wiring drawings |  | Yes / No |  |
| Alarm | Manual reset capacity |  | Yes / No |  |
| Alarm | Audible alarm with auto reset and visual red light, with manual reset mounted on control panel |  | Yes / No |  |
| Manual | Detailed installation instructions |  | Yes / No |  |
| Manual | Operations instructions |  | Yes / No |  |
| Manual | Maintenance instructions |  | Yes / No |  |

## 6.4 PUMP UNIT QUALITY OF SERVICE OFFERED SCHEDULE

(to be completed by Tenderer)

| **Service Topic** | **Intent** | **Minimum Offering** | **Meets Minimum Compliance** | **Tender Offering Above Minimum Compliance - Explanation** |
| --- | --- | --- | --- | --- |
| Standard delivery time | No hold up in construction | Pumps will normally be delivered within 30 days of being ordered and will be **discounted** by 10% if delivered late | Yes / No |  |
| Breakdown and repair delivery time | Customer satisfaction | Pumps will be delivered within three days of a **breakdown** occurring regardless of the reason for the breakdown | Yes / No |  |
| Performance guarantee | Customer satisfaction | Provide a written Performance guarantee, guaranteeing that the pump units offered are designed to give a 25 year service life. | Yes / No |  |
| Training services | Accredited staff | **Training** and accreditation session/s required as per tender requirement | Yes / No |  |
| Spare parts | Future | **Spare parts** will be available for a period of at least 20 years from the date of signing of the contract | Yes / No |  |
| Financial viability | Pre-requisite | Bank Guarantee Indemnity | Yes / No |  |
| Testing and commissioning | Quality control | Tenderer to supply typical **test and commissioning** checklist and assist with testing and commissioning of individual units post installation, prior to issue of Certificate of Completion to accredited Contractor | Yes / No |  |
| Commercial viability | Clear accountability | If the Tenderer is not the Manufacturer, Manawatu District Council requests that the Tenderer should provide written confirmation of unconditional support from the Manufacturer signed by the most Senior Manager of the Manufacturer or as delegated in writing | Yes / No |  |