



REQUEST FOR TENDER No. 22-012

Kinkade Pump Station Upgrades

Addendum 3

Issued: February 10, 2022

4 pages

Closing Date & Time: on or before 3:00 PM Pacific Time on February 18, 2022

This addendum shall be read in conjunction with and considered as an integral part of the Request for Tender. Revisions supersede the information contained in the original Tender or previously issued Addendum. No consideration will be allowed for any extras due to any Vendor not being familiar with the contents of this Addendum. All other terms and conditions remain the same.

Tender Addendum

- Q1.** Regarding the chain link fence, in the tender documents it states "as shown in the appended sketch" but the detail provided it only states the height. Could additional details be provided in regards to gauge and finish etc?
- A1.** Chain link fencing to conform to the attached specification. (3 pages).

End of Addendum 3

CHAIN LINK FENCES AND GATES

1. GENERAL

1.1 Description

- .1 This section specifies requirements for chain link fences and gates.

1.2 Location

- .1 The location of the chain link fences and gates is shown on the Drawings.

1.3 Quality Assurance

- .1 Fence erection shall be carried out by experienced fence construction personnel.
- .2 Supply materials to CGSB-138.1.

2. PRODUCTS

2.1 Fabric

- .1 Fabric height of 1.8 m.
- .2 Chain Link 50 mm x 50 mm mesh with 3.5 mm thick wire, galvanized with an average of 490 g of zinc per m² of surface area (Grade 1).
- .3 Wire to conform to ASTM-A817.

2.2 Wire

- .1 Tension wire - 5 mm galvanized.

2.3 Posts and Rails

- .1 Terminal posts, line posts, braces and rails to ASTM-A53.
- .2 Line Posts - 60 mm O.D. c/w tops.
- .3 Terminal Posts - for ends, gates and corners - 90 mm with gate posts as specified in Article 2.5.
- .4 Top Rail - 45 mm O.D. standard galvanized pipe.
- .5 Bracing - 45 mm O.D. standard galvanized pipe.
- .6 Posts heights to be suitable for hole depths specified.
- .7 For installation of posts on lock block wall, provide minimum 200 square end plate c/w gussets and hilti connection to block.

CHAIN LINK FENCES AND GATES

2.4 Fittings

- .1 Top rail ends, brace bands, tension bars, arms, tops, sleeves, hinges and latches in accordance with Frost fence details.
- .2 All fittings to be hot dipped galvanized steel or cast aluminum.
- .3 Terminal and gate posts to have dome tops.
- .4 Fasteners - 5 mm aluminum or 3 mm steel.
- .5 Stretcher Bars - min 5 x 20 steel.

2.5 Gates

- .1 Gates to be framed with steel pipe ASTM-A120 standard weight galvanized after welding. Use 45 mm O.D. pipe for outside frame and 35 mm O.D. pipe for bracing.
- .2 Gate fabric to be the same as fence fabric.
- .3 Gate posts to conform to the following:

<u>Opening</u>	<u>Gate Post O.D.</u>
Single to 3.0 m and Double to 6.0 m	90 mm
Single from 3.0 to 4.2 m double to 8.5 m	114 mm
Single from 4.3 m to 7.6 m and double from 8.5 m to 12 m	170 mm
- .4 Gate hardware to include galvanized malleable iron hinges, lockable hatch and latch catch.
- .5 Double gates to have centre rest with drop bolt for closed position and chain hold - open for open position.
- .6 Gate braces to be 45 mm O.D. galvanized steel.

2.6 Security Gate

- .1 Refer to Section 02825 – Cantilevered Access Gate.

2.7 Concrete

- .1 Compressive strength 20 MPa at 28 days.
- .2 Use type 10 normal cement.

3. EXECUTION

3.1 General

- .1 Install fence to CGSB-138.3.

CHAIN LINK FENCES AND GATES

3.2 Grading

- .1 Remove debris and grade between posts to provide ground clearance between 40 mm and 70 mm.

3.3 Post Setting

- .1 Line post holes to be 1000 mm deep, 250 mm diameter.
- .2 Terminal post holes to be 1200 mm deep, 300 mm diameter.
- .3 Line posts to be spaced maximum 3.0 m.
- .4 Set posts in line and plumb so that the fence forms a straight line between corner posts.
- .5 Set posts in concrete and extend concrete above grade for drainage.
- .6 Install straining posts where required.
- .7 Refer to site conditions for drilling and anchoring posts into rock. Drill holes into rock and set posts with not-shrink grout.

3.4 Fence Erection

- .1 Allow concrete to cure sufficiently before erecting fence - minimum 5 days.
- .2 Set braces between end posts, gate posts and line posts.
- .3 Set fittings in place and stretch fabric in place.
- .4 Install top rail and fasten to posts with caps.
- .5 Secure fabric with tie wires at 450 mm intervals.

3.5 Gate Installation

- .1 Locations and sizes of gates are shown on the Drawings.
- .2 Set gate bottom 40 mm above ground surface.

3.6 Cleanup

- .1 Touch up damaged galvanized by cleaning with a wire brush and applying two (2) coats of touch up paint for galvanized metal.
- .2 Clean up debris and earth removed from posts holes and trim areas disturbed.

END OF SECTION