REGIONAL DISTRICT OF NANAIMO

REQUEST FOR TENDER No. 26-023

River's Edge Water Quality Improvement

Addendum 4
Issued: July 3, 2026

Closing Date & Time: on or before 3:00 PM Pacific Time on July 9, 2026

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. This Addendum forms an integral part of the Contract Specifications and Drawings covering all aspects of this job and is to be read in conjunction therewith. However, should points arise which are at variance, this Addendum shall take precedence, unless otherwise clarified by the Engineer.

Purpose

This addendum provides specific clauses to add to and/or amend the specifications and/or drawings.

Tender Addendum

1. **Schedule of Quantities and Prices**

ADD: Under Division 33 – Utilities, Add **Item 33.9**:

Division 33 – Utilities						
		Waterworks				
33 11 01	33.9	Open Cut Installation of HDPE Watermain (PROVISIONAL ITEM)	m	TBD		----------

ADD: Under Division 32 – Roads and Site Improvements, Add **Item 32.10**:

Division 32 – Roads and Site Improvements						
	32.10	Open Cut Road Restoration (PROVISIONAL ITEM)	m	TBD		----------

DELETE: the existing Schedule of Quantities and Prices form Appendix 1 – Addendum 3 Revision.

ADD: The attached revised Schedule of Quantities and Prices form Appendix 1 – Addendum 4 Revision. Provide a "Rate per Meter" for the identified "Provisional Items" noted above and included on the revised Appendix 1 – Addendum 4 Revision.

2. Supplementary Specification

ADD: the following subsection under Section 33 11 01 Waterworks:

Supplementary Specification:	**33 11 01 Waterworks** **1.8 Measurement and Payment**		
Affected Document(s):	Volume II	**Change Type:**	Addition
Section:	33 11 01 Waterworks	**Reference**	1.8 Measurement and Payment
Change Summary:	Addition of payment items **Provisional Item-Open Cut Installation**		
Currently:	Not Applicable		
Should be:	1.8.16S **33.9 Open Cut Installation of HDPE Watermain (PROVISIONAL ITEM)** A provisional unit price shall be provided for open cut installation of the proposed HDPE watermain (Item 33.9), for potential use only where approved by the Owner and Engineer. Open cut installation will be considered in areas where directional drilling is found not to be feasible in the opinion of the Engineer or unless otherwise approved. The overall intent is that directional drilling shall remain the base tender installation method for the proposed HDPE watermain, as shown in the Contract Documents. The tender evaluation and award will be based on directional drilling of the watermain per items 3.3 and 3.4 and not on this provisional rate. The provisional unit price shall include all labour, equipment, materials, excavation, trench support, dewatering, bedding, backfill, compaction, pipe installation, fusion, testing, surface restoration, disposal of surplus material, utility locating or exposure, traffic control, environmental protection, and all other incidental work required to complete the installation. Following acceptance of the Tender and Award of a Contract, the Owner, in its sole discretion may include in or exclude the provisional item from the Contract or increase or decrease the quantities of pipe installed in this item. Installation of watermain under this provisional item will decrease the quantities in items 3.3. and 3.4 respectively; however, shall not affect the pricing on the remaining items in the schedule of quantities. Use of the provisional open cut item is not guaranteed and shall only proceed if authorized in writing by the Owner and Engineer. Any change from directional drilling to open cut may require permit review, revision, or additional approvals. Depending on the quantities of the open cut installation, an amendment or re-issuance of the construction permit from the Ministry of Transportation and Transit may be required. If a new permit is required for the open cut installation, contract will be extended to accommodate any permit related delayed, however there will not be any additional payment for delays due to permit approval for open cut installation method.		

ADD: the following subsection under Section 32 Roads and Site Improvements:

Supplementary Specification:	**32S Roads and Site Improvements**		
Affected Document(s):	Volume II	**Change Type:**	Addition
Section:	Division 32	**Reference**	Measurement and Payment
Change Summary:	Addition of payment items **Provisional Item-Road Restoration**		
Currently:	Not Applicable		
Should be:	**32.10 Open Cut Road Restoration (PROVISIONAL ITEM)** A provisional unit price shall be provided for road restoration to coincide with provisional Open Cut Installation of HDPE Watermain (Item 33.9), for use only where approved by the Owner and Engineer. The overall intent is that road restoration as per Item 32.4 shall remain the base tender installation method. The tender evaluation and award will be based on road restoration as per Item 32.4 and not on this provisional rate. The provisional unit price shall include all labour, equipment, materials, and all other incidental work required to restore the surface to existing conditions or better and in alignment with the MOTT permit requirements. Following acceptance of the Tender and Award of a Contract, the Owner, in its sole discretion may include in or exclude the provisional item from the Contract or increase or decrease the quantities based on the amount of pipe installed under Item 33.9. This item covers only the open cut installation that replaces the directional drilling method of pipe installation, not the pits for the directional drilling. The maximum width of the road restoration for open cut installation is to be up to half of the road width. In case the Ministry of Transportation permit allows smaller width of road restoration, the appropriate credit will need to be issued to the owner. Open Cut Road Restoration under this provisional item is the cost in addition to Item 32.4 Road Restoration and shall not affect the pricing on the remaining items in the schedule of quantities. Use of the provisional Open Cut Road Restoration item is not guaranteed and shall only proceed if authorized in writing by the Owner and Engineer. Any change from directional drilling to open cut may require permit review, revision, or additional approvals. Depending on the quantities of the road restoration, an amendment or re-issuance of the construction permit from the Ministry of Transportation and Transit may be required. If a new permit is required for the open cut installation, contract will be extended to accommodate any permit related delayed, however there will not be any additional payment for delays due to permit approval for open cut installation method.		

3. **Section 40 91 00 Instrumentation-Field Instruments**

   ADD: 2.5.1. Tag#: TT "690, 790, 990"

4. **Drawing E1.1 Electrical Site Plan PW6**

   DELETE: Cabling from northwest side of Kiosk to PP, including PP.
   DELETE: "New Transformer pole installed by BC hydro" including Keynote 1.
   ADD: Cabling from northwest side of kiosk to northwest corner of fenced site boundary. Metering pole to be installed outside fenced area approximately 3 meters from OH utility line. All added items to be bolded.

5. **Drawing E1.2 Electrical Site Plan PW7**

   DELETE: Cabling from northwest side of Kiosk to PP, including PP.
   DELETE: "New Transformer pole installed by BC hydro" including Keynote 1.
   ADD: Cabling from northwest side of kiosk to northwest corner of fenced site boundary. Metering pole to be installed outside fenced area approximately 1 meter east of west fence corner. All added items to be bolded.

6. **Drawing E1.3 Electrical Site Plan PW9**

   DELETE: Cabling from west side of fenced boundary to PP, including PP.
   DELETE: "New Transformer pole installed by BC hydro" including Keynote 1.
   ADD: Cabling from kiosk to outside of fence boundary, 1 meter west from northwest corner. Metering pole to be installed outside fenced area approximately 1 meter west of fence corner. All added items to be bolded.

7. **Drawing E1.4 Kiosk Layout -PW6, PW9**

   DELETE: Service entrance cable and utility meter from the outside of Kiosk.
   ADD: Conduit riser through concrete base along interior of left wall to LL fitting connecting to left side of the main breaker near the top of the breaker enclosure. All added items to be bolded.

8. **Drawing E1.5 Kiosk Layout -PW7**

   DELETE: Service entrance cable and utility meter from the outside of Kiosk.
   ADD: Conduit riser through concrete base along interior of left wall to LL fitting connecting to left side of the main breaker near the top of the breaker enclosure. All added items to be bolded.

9. **Drawing E1.8 Well Kiosk Floor Plan Typical**

   DELETE: Utility meter from Kiosk.

10. **Drawing E1.11 Electrical Details - Typical Utility Pole Connection Detail**

    DELETE: Utility transformer and cable coil at base of pole.
    CHANGE: Detail title from: "Typical Utility Pole Connection Detail" to "Typical Utility Meter Pole Detail".

ADD: Utility meter to pole. Extend underground conduit riser to utility meter. Move conduit riser with weather head to pole above the utility meter. All items including pole to be bolded.
ADD: Conductor pigtails emanating from weather head.
ADD: Note 3 "Pole height to allow for 6 meters above grade and 2 meters embedment."
ADD: Note 4 "Centre of utility meter to be 1500 mm above grade.

11. **Drawing E2.1 Single Line Diagram – PW6 and PW9**

    MOVE: Utility Meter from existing location on kiosk up on drawing. This will represent that meter is no longer installed on kiosk.
    CHANGE: "UTILITY METER" text to read "UTILITY METERING POLE."

12. **Drawing E2.2 Single Line Diagram – PW7**

    MOVE: Utility Meter from existing location on kiosk up on drawing. This will represent that meter is no longer installed on kiosk.
    CHANGE: "UTILITY METER" text to read "UTILITY METERING POLE."

13. **Drawing E2.6 WELL CABLE SCHEDULE PW6, PW9**

    CHANGE: "RW6" to "PW6"
    CHANGE: WELL PW6 CABLE SCHEDULE - Line 1 - CABLE TAG NUMBER column "UTILXFMR-PC" to "UTILMTR-PC", Change FROM column "UTILXFMR" to "UTILMTR", Change TYPE column from "TECK90" to "RW90", Change Conduit size from blank to "53 RPVC".
    CHANGE: "RW9" to "PW9"
    CHANGE: WELL RW9 CABLE SCHEDULE - Line 1 - CABLE TAG NUMBER column "UTILXFMR-PC" to "UTILMTR-PC", Change FROM column "UTILXFMR" to "UTILMTR", Change TYPE column from "TECK90" to "RW90", Change Conduit size from blank to "53 RPVC".

14. **Drawing E2.7 WELL CABLE SCHEDULE PW7**

    CHANGE: "RW7" to "PW7"
    CHANGE: WELL RW7 CABLE SCHEDULE - Line 1 - CABLE TAG NUMBER column "UTILXFMR-PC" to "UTILMTR-PC", Change FROM column "UTILXFMR" to "UTILMTR", Change TYPE column from "TECK90" to "RW90", Change Conduit size from blank to "53 RPVC".

15. **Drawing E2.8 Electrical Wells Schedule**

    REMOVE: "CC401F-WL-TYPE-4X" and REPLACE with "CC901F-WL-RH9"

Clarifications

1. **Item 32.1: Well Site (PW6) & Drawing C3.1:**
   Swale on the northeast side of the site that was installed during well drilling operations to be maintained. Site to be graded to allow for positive drainage away from the site prior to installation of 100mm granular base course.

2. **Item 32.2: Well Site (PW7) & Drawing C3.2:**
   Temporary berm around PW7 site that was installed during well drilling operations to be

graded/removed to allow for natural drainage away from the site prior to installation of 100mm granular base course. Existing access from the road to be maintained, no widening of the access road will be required as this would require tree removal.

3. **Item 33.3: Well Site (PW9) & Drawing C3.3:**
   Site restoration to extend from the south side of the existing vehicle gate to the fence on the north. Area between the gate and fence to be graded to allow for positive drainage away from the site prior to installation of the 100mm granular base course.

4. **Area Lithology:**
   The following BC government *Groundwater Wells and Aquifers* website provides supplementary groundwater database information for the River's Edge area.
   https://apps.nrs.gov.bc.ca/gwells/?map_centre=49.278462,-124.280116&map_zoom=14

5. **PW6/PW7 well log/soil conditions:**
   Refer to the attached photos of the soil conditions during drilling of PW6 & PW7 at 5', 10', and 15' below ground.

Tender Questions & Answers

Q1. *"A question was raised during the pre-bid site meeting regarding the cable length available at the wells. Please confirm the spare cable length available."*

A1. Approximately 10 ft of spare cable has been left at each well to allow the cable to be routed to the wellhead junction box.

Q2. *"A question was raised during the pre-bid site meeting regarding the pitless adapter installed at the wellhead. Please confirm the type of pitless adapter installed and provide any available installation details."*

A2. The pitless adapter installed in all wells is confirmed to be 6J2 MAASS Pitless Adapter.

Q3. *"Specification 40 91 00 2.5 indicates TT 691, 791, & 991 to be E+H TST434B. Please confirm TT 690, 790, & 990 should also be included in this section for a total of six transmitters.*"

A3. There is a total of six (6) temperature transmitters. Three to be included in the process sections of the kiosks and three (3) for the electrical sections of the kiosks.

Q4. *"Drawing M1.1 specifies a Noren CC901F-WL-RH9 while drawing E2.8 specifies CC401F-WL-Type 4X. Please confirm which cooling unit is correct."*

A4. Cooler to be provided is Noren CC901F-WL-RH9 as shown on M1.1

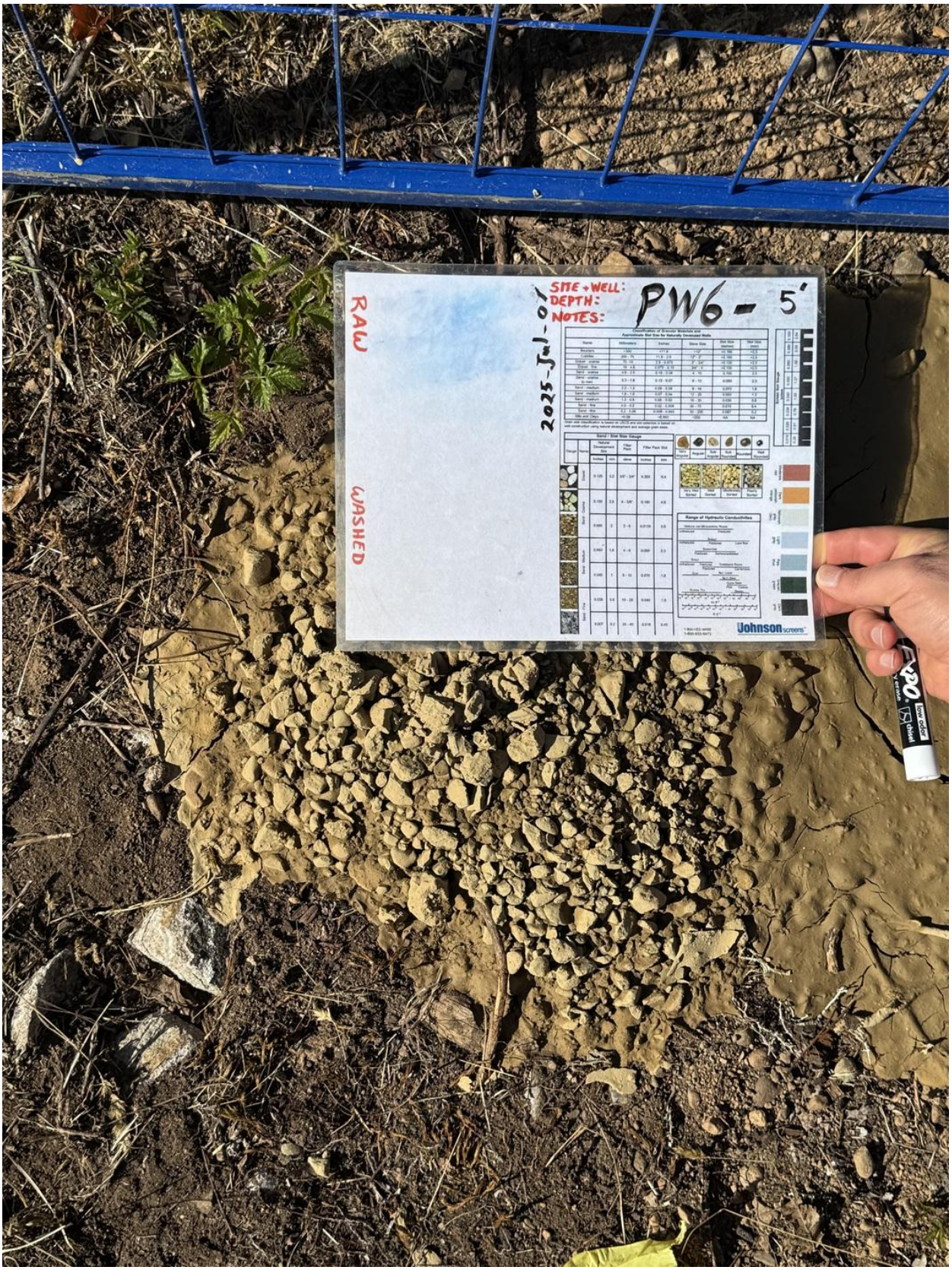
Q5. "*Is there a BC Hydro design for the dip services? Are the conductors between the meter and the utility pole owned by BC Hydro but supplied by the contractor?*"

A5. BC Hydro has not completed designs for the sites. Drawings are revised as per above items to show meter poles at a most probable location for each site. The bidder is to include supply and installation of the meter poles and conductors from the weather head through the meter base to the main breaker. BC Hydro will install overhead conductors from the utility transformer to the weather head pigtails.

List of companies that have requested the tender documents as of July 3, 2026:

	Contractor
1	Khowutzun Development Corporation
2	Ridgeline Mechanical
3	Graf Concrete & Iron
4	Island Utility Construction
5	Stone Pacific Contracting
6	JS Ferguson
7	In the Dirt Contracting
8	Way Point Projects
9	Windley Contracting
10	Drake Excavating
11	Flatiron Dragados
12	Haylock Bros Paving
13	Hazelwood Construction
14	Stellar Power & Control
15	Raylec Power
16	Sasco Contractors
17	IWC Excavation
18	Knappett Industries
19	Cabre Oilfield
20	Parsons
21	Trans Canada Trenchless
22	Norland
23	PW Trenchless
24	Magnum Project Management
25	McElhanney
26	Nextreme-Building Systems

End of Addendum 4


SITE + WELL:
DEPTH:
NOTES:
PW6 -
5'
2025-Jul-01
RAW
WASHED
Johnson screens


SITE + WELL:
DEPTH:
NOTES:
PW6 - 10'
2025-Jul-01
RAW
WASHED
Classification of Granular Materials and Approximate Slot Size for Naturally Developed Wells
Sand / Slot Size Gauge
Range of Hydraulic Conductivities
Johnson screens

NOTES:

2025-Jul-0

RAW

WASHED

Classification of Granular Materials and Approximate Slot Size for Naturally Developed Wells

Name	Millimeters	Inches	Sieve Size	Slot Size (inches)	Slot Size (mm)
Boulders	>300	>11.8	>12"	>0.120	>3.0
Cobbles	300 - 75	11.8 - 2.9	12" - 3"	>0.100	>2.5
Gravel - coarse	75 - 19	2.9 - 0.75	3" - 3/4"	>0.100	>2.5
Gravel - fine	19 - 4.8	0.075 - 0.19	3/4" - 4	>0.100	>2.5
Sand - coarse	4.8 - 2.0	0.19 - 0.08	4 - 10	0.100	2.5
Sand - coarse to med	3.3 - 1.8	0.13 - 0.07	6 - 12	0.080	2.0
Sand - medium	2.2 - 1.3	0.09 - 0.05	8 - 18	0.070	1.8
Sand - medium	1.8 - 1.0	0.07 - 0.04	12 - 20	0.050	1.3
Sand - medium	1.3 - 0.8	0.05 - 0.03	16 - 30	0.030	0.8
Sand - fine	0.5 - 0.2	0.02 - 0.008	30 - 70	0.015	0.4
Sand - fine	0.2 - 0.08	0.008 - 0.003	70 - 200	0.007	0.2
Silts and Clays	<0.08	<0.003	<200	NA	NA

Grain size classification is based on USCS and slot selection is based on well construction using natural development and average grain sizes.

Sand / Slot Size Gauge

Gauge	Name	Natural Development Slot (Inches)	Natural Development Slot (mm)	Filter Pack (sieve)	Filter Pack Slot (Inches)	Filter Pack Slot (mm)
	Gravel	0.125	3.2	3/8" - 3/4"	0.250	6.4
	Sand - Coarse	0.100	2.5	4 - 3/8"	0.160	4.0
		0.080	2	3 - 6	0.0120	3.0
	Sand - Medium	0.060	1.5	4 - 8	0.090	2.3
		0.040	1	8 - 12	0.070	1.8
	Sand - Fine	0.020	0.5	10 - 20	0.040	1.0
		0.007	0.2	20 - 40	0.016	0.45

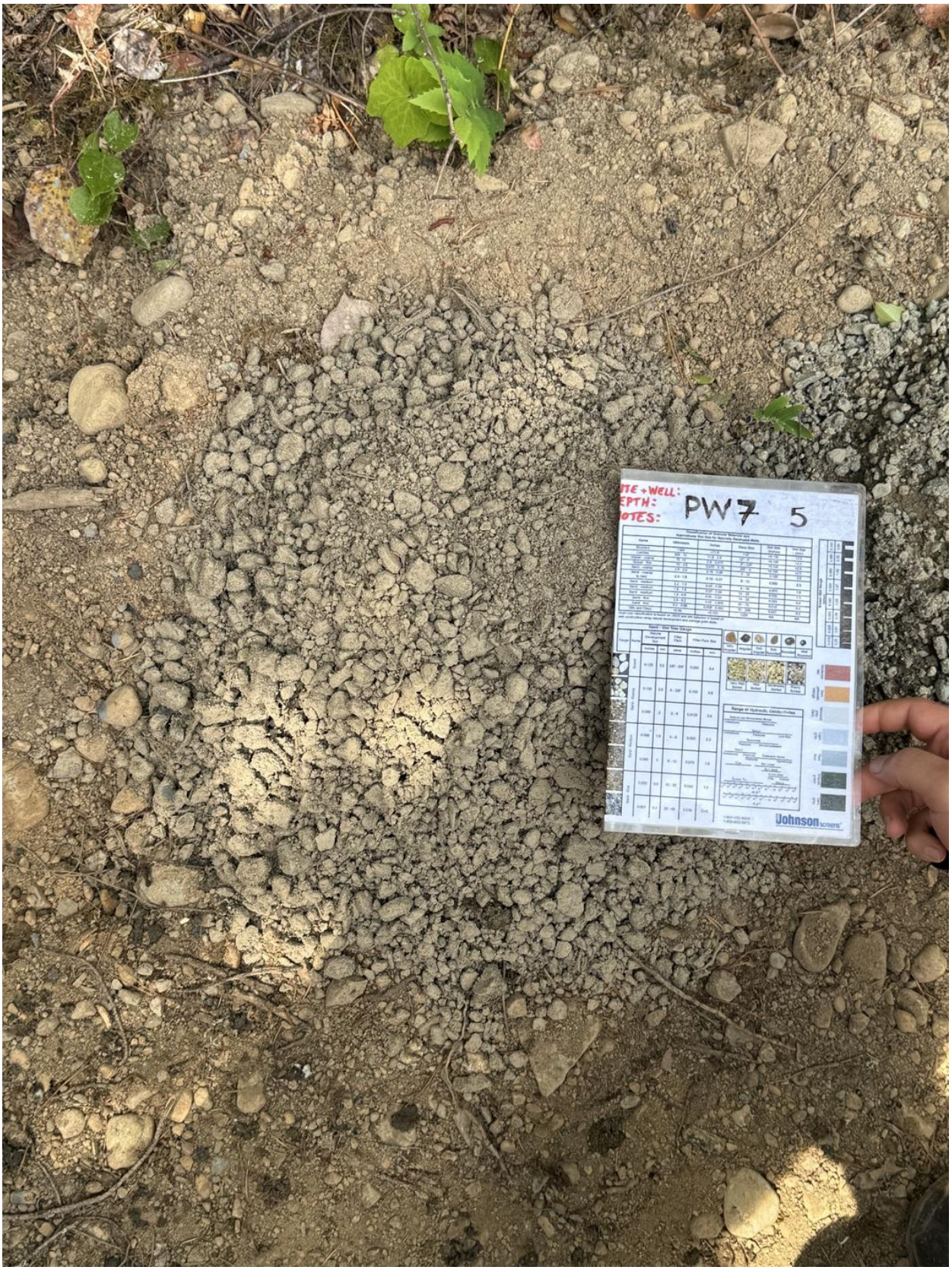
Very Angular | Angular | Sub Angular | Sub Rounded | Rounded | Well Rounded

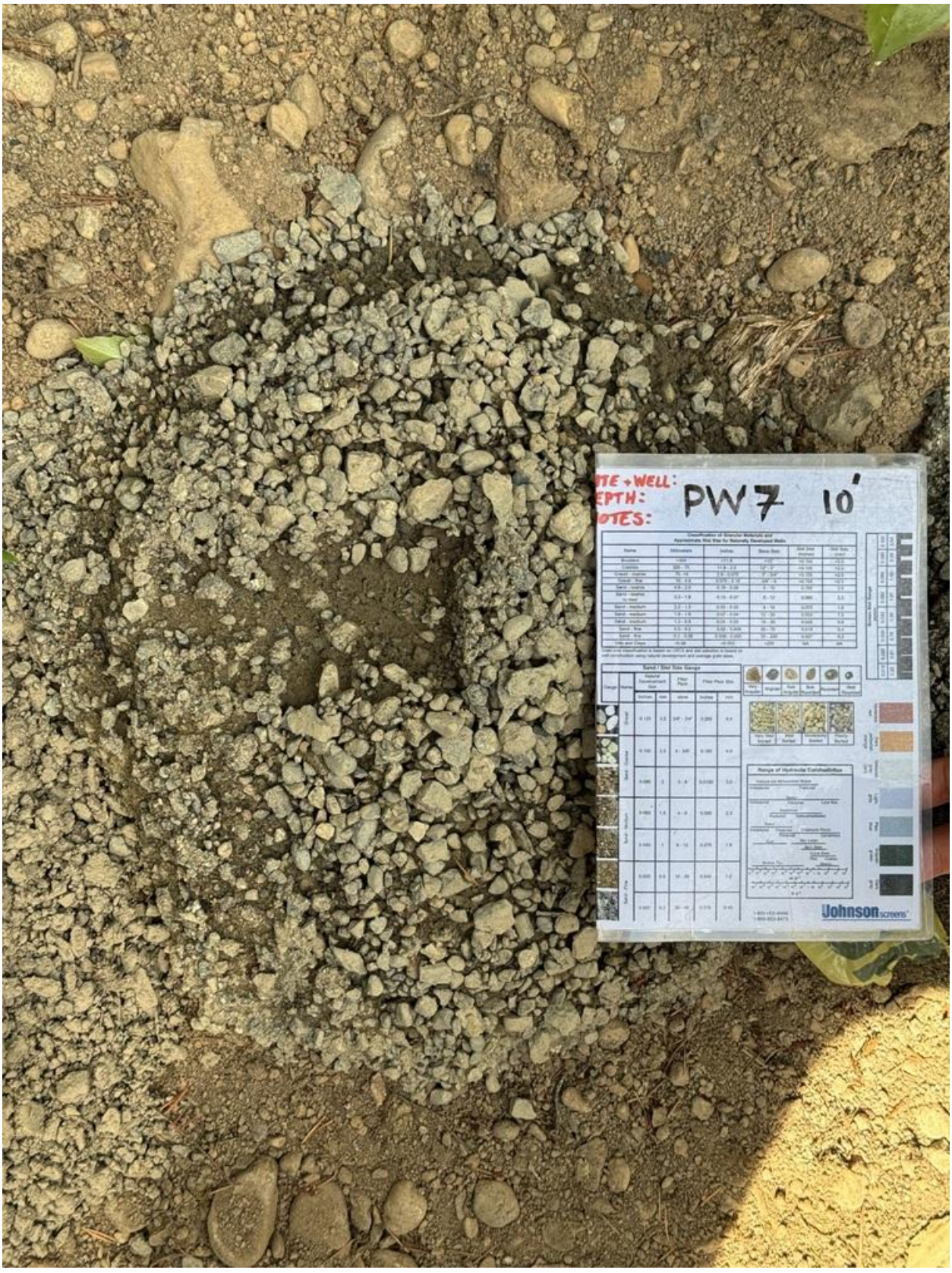
Very Well Sorted | Well Sorted | Moderately Sorted | Poorly Sorted

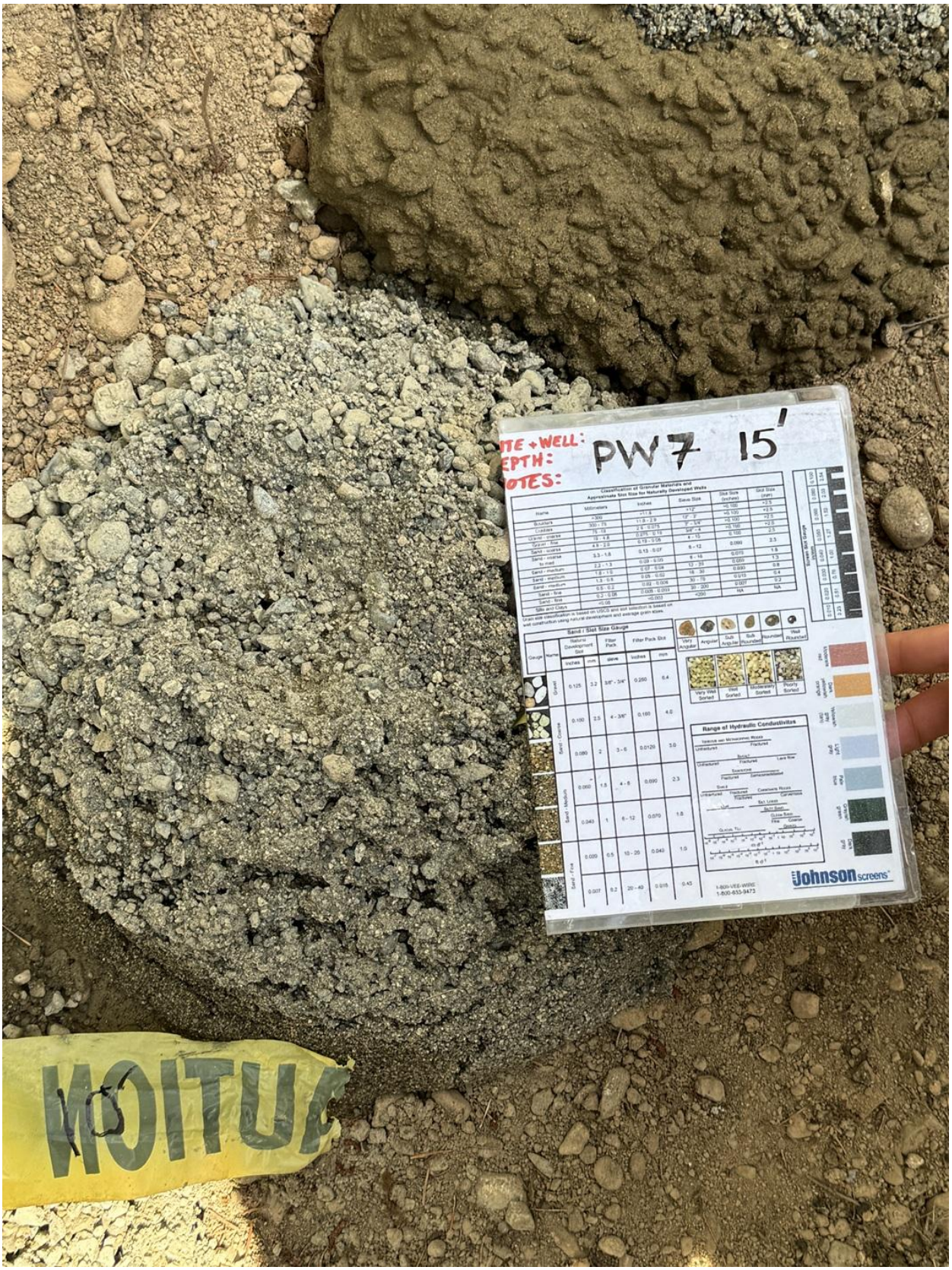
Range of Hydraulic Conductivities

1-800-VEE-WIRE
1-800-833-9473

Johnson screens


PW7 5
Johnson screens


TE + WELL:
EPTH:
OTES:
PW7 10'
Johnson screens


TE + WELL:
EPTH:
OTES:
PW7 15'
Sand / Slot Size Gauge
Range of Hydraulic Conductivities
Johnson screens
1-800-VEE-WIRE
1-800-533-9473

Appendix 1 – Addendum 4 Revision

See Paragraph 5.3.1 of the Instructions to Tenderers – Part II

(All Prices and Quotations should not include GST. GST should be shown separately)

Summary Sheet

Division 01:	General Requirements	$_____
Division 03:	Concrete	$_____
Division 13:	Special Construction	$_____
Division 23:	HVAC	$_____
Division 26:	Electrical	$_____
Division 31:	Earthworks	$_____
Division 32:	Roads and Site Improvements	$_____
Division 33:	Utilities	$_____
Division 35:	Mobilization and Demobilization	$_____
Division 40:	Process Integration	$_____
Division 46:	Water and Wastewater Equipment	$_____

Tender Price	$_____
GST @ 5%	$_____
Total Tender Price (Including GST)	$_____

Appendix 1 – Addendum 4 Revision

See Paragraph 5.3.1 of the Instructions to Tenderers – Part II

(All Prices and Quotations should not include GST. GST should be shown separately)

Section	Item #	Item Description	Unit	Qty.	Unit Price	Amount
Division 01 – General Requirements						
01 33 01	1.1	Project Record Documents	L.S.	1		
01 55 00	1.2	Traffic Control, Vehicle Access and Parking	L.S.	1		
SS 01 56 01	1.3	Construction Survey Layout	L.S.	1		
					Subtotal Division 01 – General Requirements	
Division 03 – Concrete						
		Thrust Blocks to be included under Division 33 Items	Note			
SS 03 30 10	3.1	Cast-in-Place Concrete (PW6)	L.S.	1		
SS 03 30 10	3.2	Cast-in-Place Concrete (PW7)	L.S.	1		
SS 03 30 10	3.3	Cast-in-Place Concrete (PW9)	L.S.	1		
					Subtotal Division 03 – Concrete	
Division 13 – Special Construction						
SS 13.0	13.1	Kiosk Structure (PW6)	L.S.	1		
SS 13.0	13.2	Kiosk Structure (PW7)	L.S.	1		
SS 13.0	13.3	Kiosk Structure (PW9)	L.S.	1		
					Subtotal Division 13 – Special Construction	
Division 23 – HVAC						
SS 23	23.1	Kiosk HVAC (PW6)	L.S.	1		
SS 23	23.2	Kiosk HVAC (PW7)	L.S.	1		
SS 23	23.3	Kiosk HVAC (PW9)	L.S.	1		
					Subtotal Division 23 – HVAC	
Division 26 – Electrical						
SS 26	26.1	Well and Kiosk Electrical (PW6)	L.S.	1		
SS 26	26.2	Well and Kiosk Electrical (PW7)	L.S.	1		
SS 26	26.3	Well and Kiosk Electrical (PW9)	L.S.	1		
SS 26	26.4	Generator (PW6)	L.S	1		
SS 26	26.5	Generator (PW9)	L.S	1		
SS 26	26.6	Power Cables and Utilities (PW6)	LS	1		
SS 26	26.7	Power Cables and Utilities (PW7)	LS	1		
SS 26	26.8	Power Cables and Utilities (PW9)	LS	1		
					Subtotal Division 26 – Electrical	
Division 31 – Earthworks						
		All Division 31 items required to complete the *Work* to be included under Division 03 and 33 items.	Note			
					Subtotal Division 31 – Earthworks	N/A
Division 32 – Roads and Site Improvements						
		Surface restoration to include all costs required to restore the surface to existing conditions or better.	Note			

Appendix 1 – Addendum 4 Revision

See Paragraph 5.3.1 of the Instructions to Tenderers – Part II

(All Prices and Quotations should not include GST. GST should be shown separately)

	32.1	Well Site (PW6)	L.S.	1		
	32.2	Well Site (PW7)	L.S.	1		
	32.3	Well Site (PW9)	L.S.	1		
	32.4	Road Restoration	L.S.	1		
	32.5	Chain Link Fence - Well Site (PW6)	M	80		
	32.6	Chain Link Fence - Well Site (PW7)	M	70		
	32.7	Chain Link Fence - Well Site (PW9)	M	115		
	32.8	Vehicle Gate - Well Site (PW6)	1	e.a.		
	32.9	Vehicle Gate - Well Site (PW7)	1	e.a.		
	33.0	Vehicle Gate - Well Site (PW9)	1	e.a.		
	32.10	Open Cut Road Restoration (PROVISIONAL ITEM)	m	TBD		----------
					Subtotal Division 32 – Roads and Site Improvements	
Division 33 – Utilities						
		Waterworks				
		Fittings, bends, reducers, tees. caps, couplers, adaptors, thrust blocks, crossing of water services, testing and commissioning including installation and removal of temporary test points are incidental to the watermain unit prices	Note			
33 11 01	33.1	Connection to Water Well	e.a.	3		
33 11 01	33.2	Connection to Transmission Main (Peterson Rd)	L.S.	1		
33 11 01	33.3	Connection to Transmission Main (PW9)	L.S.	1		
33 11 01	33.4	50mm HDPE DR 11 Watermain	M	600		
33 11 01	33.5	100 mm HDPE DR11 Watermain	M	200		
33 11 01	33.6	50mm Buried Gate Valves	e.a.	7		
33 11 01	33.7	100mm Buried Gate Valve	e.a.	1		
33 11 01	33.8	Flushout Assembly c/w Gate Valve	e.a.	3		
33 11 01	33.9	Open Cut Installation of HDPE Watermain (PROVISIONAL ITEM)	m	TBD		----------
					Subtotal Division 33 – Utilities	
Division 35 – Mobilization and Demobilization						
SS 35	35.1	Mobilization and Demobilization	L.S.	1		
					Subtotal Division 35 – Mobilization and Demobilization	
Division 40 – Process Integration						
SS 40	40.1	Well and Kiosk - Process (PW6)	L.S.	1		
SS 40	40.2	Well and Kiosk - Process (PW7)	L.S.	1		
SS 40	40.3	Well and Kiosk - Process (PW9)	L.S.	1		
					Subtotal Division 40 – Process Integration	
Division 46 – Water and Wastewater Equipment						
		All Division 46 items required to complete the Work to be included under Division 9, 26, 33 and 40 items.	Note	1		
					Subtotal Division 46 – Process	N/A