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March 9, 2023

Our Reference: 32582

Resort Municipality of Whistler

4325 Blackcomb Way

Whistler, BC V0N 1B4

Email submission: croberts@whistler.ca

Attention: Chelsey Roberts

Dear C. Roberts:

Reference: 2023 Sanitary Sewer Main and Manhole Upgrades

As you are aware, tenders closed for the above contract on February 21, 2023 at 2:00 p.m. Five completed tenders were received and reviewed by ISL for accuracy. The tender values appear as below:

<u>Contractors:</u>	<u>Tender price (exclusive of GST)</u>
Mar-Tech Underground Services Ltd.	\$711,023.26
Stray Cat Industrial Services Ltd.	\$882,279.00
Superior City Services Ltd.	\$912,284.00
Insituform Technologies Limited	\$1,094,113.00
Drake Excavating (2016) Ltd.	\$1,841,310.00

All the tenders and the values have been checked and are correct arithmetically for the amounts shown above. Some tenders had mathematical errors.

Three of the above tenders were not in compliance with Resort Municipality of Whistler's Instructions to Tenderers and therefore rejected. The reasons are as follows:

Stray Cat Industrial Services Ltd.

- ITT Part II - 5.3.4S Proof of Certification
"Contractor to attach proof of certification/training from manhole lining material manufacturer."
Contractor did not include as part of their Tender submission.
- ITT Part II - 15.4 (c) – Tender Item Exclusions
Contractor omitted pricing for Form of Tender items 1.01 and 1.02. The MMCD test for such exclusions was performed as per subparagraph (ii). Through this test it was deemed that the omitted items materially affected the Tender price. Under MMCD this result requires rejection of the submission.

Superior City Services Ltd.

- ITT Part II - 5.3.4S Proof of Certification
"Contractor to attach proof of certification/training from manhole lining material manufacturer."
Contractor did not include as part of their Tender submission.

Drake Excavating (2016) Ltd.

- ITT Part II - 5.3.4S Proof of Certification

“Contractor to attach proof of certification/training from manhole lining material manufacturer.”

Contractor did not include as part of their Tender submission.

In advance of this tender, the RMOW completed extensive testing of various liner products with the intent of pre-selecting four systems that performed well and are available through contractors local to the Lower Mainland and the Sea to Sky Corridor. This tender required Contractors to demonstrate that they are trained in the application of the pre-approved liner system selected.

Based on the above, we recommend awarding the contract to the compliant, low bidder, which in this case is Mar-Tech Underground Services Ltd., for \$711,023.26, exclusive of GST.

Although this bid is 41% lower than the engineer’s pre-tender estimate with contingency (attached for reference), ISL has considered the following in our evaluation and award recommendation:

- Considerable raw material price volatility was accounted for in the pre-tender estimate
- The unit rates provided by Mar-tech are consistent with 2022 values
- Mar-tech has had a strong working relationship with RMOW over the past four years with multiple successful large contracts completed; Mar-tech’s recent historical performance record in the RMOW is excellent

Should you have any concerns or require additional clarification in this regard, please call.

Sincerely,



Graham Schulz, P. Eng.
Contract Administrator

GS/pdr
Attachment

UNIT PRICE CONTRACT

**Form of Tender - Appendix 1
SEWER MAIN AND MANHOLE LINING PROGRAM 2023**

SCHEDULE OF QUANTITIES AND PRICES - TENDER

(See paragraph 5.3.1 of the Instructions to Tender - Part II)

(All prices and *Quotations* including the *Contract Price* shall include all *Taxes*)

TENDER SUMMARY SHEET

AMOUNT

1.0	CIPP Lining, TPR, Mainline Grouting	\$	722,400.00
2.0	Sanitary Manhole Rehabilitation	\$	283,000.00
	ESTIMATE	\$	1,005,400.00
	20% CONTINGENCY	\$	201,080.00
	TOTAL ESTIMATE C/W CONTINGENCY	\$	1,206,480.00

TENDERER'S INITIALS _____

3.0 CIPP Lining, TPR, Mainline Grouting

ITEM NO.	MMCD REF.	DESCRIPTION	Pipe Diameter (mm)	UNIT	QUANTITY	UNIT PRICE	AMOUNT
MMCD 33 01 30.2 – CLEANING OF SEWERS							
3.01	33 01 30.2 1.5.4	Root Removal <i>(Optional)</i>	N/A	Hourly	8		
3.02	33 01 30.2 1.5.5S	Grease Cutting <i>(Optional)</i>	N/A	Hourly	8		
3.03	33 01 30.2 1.5.6S	Gasket Trimming <i>(Optional)</i>	N/A	Each	1		
MMCD 33 05 24 – CURED IN PLACE PIPE LINERS							
3.04	33 05 24 1.9.8S	SMH2040 to 2042 (Ductile Iron)	250	Lineal Metre	124	\$ 400.00	\$ 49,600.00
3.05	33 05 24 1.9.8S	SMH2042 to 2043 (Ductile Iron)	250	Lineal Metre	59	\$ 400.00	\$ 23,600.00
3.06	33 05 24 1.9.8S	SMH2043 to 2044 (Ductile Iron)	250	Lineal Metre	77	\$ 400.00	\$ 30,800.00
3.07	33 05 24 1.9.8S	SMH2044 to 2046 (Ductile Iron)	250	Lineal Metre	67	\$ 400.00	\$ 26,800.00
3.08	33 05 24 1.9.8S	SMH2046 to 2047 (Ductile Iron)	200	Lineal Metre	83	\$ 400.00	\$ 33,200.00
3.09	33 05 24 1.9.8S	SMH2048 to 2048A (Ductile Iron)	200	Lineal Metre	21	\$ 400.00	\$ 8,400.00
3.10	33 05 24 1.9.8S	SMH2049 to 2048 (Ductile Iron)	200	Lineal Metre	33	\$ 400.00	\$ 13,200.00
3.11	33 05 24 1.9.8S	SMH2049 to 2050 (Ductile Iron)	200	Lineal Metre	55	\$ 400.00	\$ 22,000.00
3.12	33 05 24 1.9.8S	SMH2050 to 2051 (Ductile Iron)	200	Lineal Metre	50	\$ 400.00	\$ 20,000.00
3.13	33 05 24 1.9.8S	SMH2051 to 2052 (Ductile Iron)	200	Lineal Metre	74	\$ 400.00	\$ 29,600.00
3.14	33 05 24 1.9.8S	SMHT4103 to 4104 (Concrete)	600	Lineal Metre	88	\$ 1,700.00	\$ 149,600.00
3.15	33 05 24 1.9.8S	SMH4104 to 4105 (Concrete)	600	Lineal Metre	63	\$ 1,700.00	\$ 107,100.00
3.16	33 05 24 1.9.8S	SMH4105 to 4106 (Concrete)	450	Lineal Metre	117	\$ 1,500.00	\$ 175,500.00
MMCD 33 05 24 - TPR							
3.17	33 05 24 1.9.12S	SMH4012 to 4013 (AC) 1.5m long from 12.5 to 14.0m	200	Lump Sum	1	\$ 7,000.00	\$ 7,000.00
3.18	33 05 24 1.9.12S	SMH4016 to 4016A (AC) 2.0m long from 9.7 to 11.7m (starting 0.3m before the joint)	250	Lump Sum	1	\$ 8,000.00	\$ 8,000.00
3.19	33 05 24 1.9.12S	SMH8203 to 8202 (PVC) 2.0m long from 3.0 to 5.0m	200	Lump Sum	1	\$ 8,000.00	\$ 8,000.00
15 00 00 - SANITARY MAINLINE GROUTING							
3.20	15 00 00 1.8.2S	SMH2089 to 2090 (PVC) Full Length Joint Grouting	200	Lump Sum	1	\$ 5,000.00	\$ 5,000.00
3.21	15 00 00 1.8.2S	SMH4013 to 4014 (AC) Full Length Joint Grouting	200	Lump Sum	1	\$ 5,000.00	\$ 5,000.00

TENDER PRICE (to be carried forward to the summary sheet) \$ 722,400.00

TENDERER'S INITIALS _____

2.0 Sanitary Manhole Rehabilitation

ITEM NO.	SS REF.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
15 00 00 - SANITARY MANHOLE GROUTING						
2.01	15 00 00 1.8.2S	SMH2067 - Manhole Grouting (Grout Barrel/Benching interface)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.02	15 00 00 1.8.2S	SMH2070 - Manhole Grouting (Grout Barrel/Benching Interface)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.03	15 00 00 1.8.2S	SMH2071 - Manhole Grouting (Grout Barrel/Benching Interface)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.04	15 00 00 1.8.2S	SMH2082A - Manhole Grouting (Grout Lower Barrel Joint; Pipe and Benchng Interfaces)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.05	15 00 00 1.8.2S	SMH2286 - Manhole Grouting (Grout Infiltration Gusher at Interface)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.06	15 00 00 1.8.2S	SMH2309 - Manhole Grouting (Point Grout First Meter)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.07	15 00 00 1.8.2S	SMH2310 - Manhole Grouting (Grout Donut Up to Frame)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.08	15 00 00 1.8.2S	SMH2312A - Manhole Grouting (Evidence of Infiltration on Wall)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.09	15 00 00 1.8.2S	SMH2318 - Manhole Grouting (Grout Pipe Interfaces)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.10	15 00 00 1.8.2S	SMH3051 - Manhole Grouting (Grout Hole in Barrel Wall)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.11	15 00 00 1.8.2S	SMH3055 - Manhole Grouting (Iron Staining on Barrel)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.12	15 00 00 1.8.2S	SMH3056 - Manhole Grouting (Infiltration at Wall)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.13	15 00 00 1.8.2S	SMH3070 - Manhole Grouting (Infiltration from Donut)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.14	15 00 00 1.8.2S	SMH3076 - Manhole Grouting (Crack in Donut, Evidence of Infiltration)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.15	15 00 00 1.8.2S	SMH3077 - Manhole Grouting	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.16	15 00 00 1.8.2S	SMH3097B - Manhole Grouting (Infiltration at Wall)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.17	15 00 00 1.8.2S	SMH3108 - Manhole Grouting (Wall & Benchng Infiltration)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.18	15 00 00 1.8.2S	SMH3109A - Manhole Grouting (Iron Staining Throughout Barrel & Benchng)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.19	15 00 00 1.8.2S	SMH3110 - Manhole Grouting (Infiltration at Wall)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.20	15 00 00 1.8.2S	SMH4011 - Manhole Grouting (Grout Barrel/Benchng Interface)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.21	15 00 00 1.8.2S	SMH4012 - Manhole Grouting (Infiltration)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.22	15 00 00 1.8.2S	SMH4016 - Manhole Grouting (Grout Lower Barrel Joint and Benchng Interface)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.23	15 00 00 1.8.2S	SMH4023 - Manhole Grouting (Grout Barrel/Benchng Interface)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.24	15 00 00 1.8.2S	SMH4026 - Manhole Grouting (Grout Lower Barrel Joint and Benchng Interface)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.25	15 00 00 1.8.2S	SMH4027 - Manhole Grouting (Full Curtain Wall Grouting)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.26	15 00 00 1.8.2S	SMH6105 - Manhole Grouting (Grout Barrel/Benchng Interface)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.27	15 00 00 1.8.2S	SMH6104A - Manhole Grouting (Grout Barrel/Benchng Interface)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.28	15 00 00 1.8.2S	SMH8202 - Manhole Grouting (Grout Lower Barrel Joint)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.29	15 00 00 1.8.2S	SMH8227 - Manhole Grouting (Grout Pipe Interfaces)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.30	15 00 00 1.8.2S	SMH8228 - Manhole Grouting (Point Grouting Barrel & Benchng)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.31	15 00 00 1.8.2S	SMH8229 - Manhole Grouting (Grout Lower Barrel Joint and Pipe Interfaces)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
2.32	15 00 00 1.8.2S	SMH8231 - Manhole Grouting (Point Grouting Barrel & Benchng)	Lump Sum	1	\$ 3,000.00	\$ 3,000.00
16 00 00 - SANITARY MANHOLE LINING						
2.33	16 00 00 1.4.1S	SMHT3092 - Manhole Lining	Lump Sum	1	\$ 17,000.00	\$ 17,000.00
2.34	16 00 00 1.4.1S	SMHT3093 - Manhole Lining	Lump Sum	1	\$ 17,000.00	\$ 17,000.00
2.35	16 00 00 1.4.1S	SMHT3094 - Manhole Lining	Lump Sum	1	\$ 17,000.00	\$ 17,000.00

2.0 Sanitary Manhole Rehabilitation

ITEM NO.	SS REF.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2.36	16 00 00 1.4.1S	SMHT3095 - Manhole Lining	Lump Sum	1	\$ 17,000.00	\$ 17,000.00
2.37	16 00 00 1.4.1S	SMHT4097 - Manhole Lining	Lump Sum	1	\$ 17,000.00	\$ 17,000.00
2.38	16 00 00 1.4.1S	SMHT4098 - Manhole Lining	Lump Sum	1	\$ 17,000.00	\$ 17,000.00
2.39	16 00 00 1.4.1S	SMHT4099 - Manhole Lining	Lump Sum	1	\$ 17,000.00	\$ 17,000.00
2.40	16 00 00 1.4.1S	SMHT4101 - Manhole Lining	Lump Sum	1	\$ 17,000.00	\$ 17,000.00
2.41	16 00 00 1.4.1S	SMHT4107 - Manhole Lining	Lump Sum	1	\$ 17,000.00	\$ 17,000.00
2.42	16 00 00 1.4.1S	SMHT6108 - Manhole Lining	Lump Sum	1	\$ 17,000.00	\$ 17,000.00
2.43	16 00 00 1.4.1S	SMH4031 - Manhole Lining	Lump Sum	1	\$ 17,000.00	\$ 17,000.00

TENDER PRICE (to be carried forward to the summary sheet) \$ 283,000.00

TENDERER'S INITIALS _____