

# BASIC SERVICES ESTIMATE

Project: Minot Recycling Feasibility Cost Analysis Phase 1

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Date: April 25, 2018

City Project No. 4199

CPS Project No.: 18301



Task	Hours By Employee Classification										Total	
	Engineer 6	Engineer 3	Engineer 1	Engineering Tech. 3	Admin. Asst. 2							
(Hourly Rates)	\$ 160	\$ 129	\$ 102	\$ 102	\$ 68							
<b>100 PHASE 1: PRELIMINARY FACILITY FEASIBILITY</b>												<b>\$ 22,384</b>
101 Project Management and Coordination	12											\$ 1,920
102 Scoping Meeting	12	4			2							\$ 2,572
103 Define Primary Region		4										\$ 516
104 Define Secondary Region		4										\$ 516
105 Existing Recycling Volumes				12								\$ 1,224
106 Projected Recycling Volumes	2			18								\$ 2,156
107 Industry Trends	4	12										\$ 2,188
108 Discussion of Collection Options	2	4										\$ 836
109 MRF Cost Analysis	4	8										\$ 1,672
110 Transfer Facility Cost Analysis	4	8										\$ 1,672
111 Consolidation and Long Haul Cost Analysis	4	8										\$ 1,672
112 Summary Memorandum and Recommendations	4	16			8							\$ 3,520
113 Meeting with Owner to Present Findings	12											\$ 1,920
Subtotal Hours	60	68	30	8	2	0	0	0	0	0		<b>168</b>
Subtotal Labor	\$ 9,600	\$ 8,772	\$ 3,060	\$ 816	\$ 136	\$ -	\$ -	\$ -	\$ -	\$ -		<b>\$ 22,384</b>

## Direct Expenses

Travel												
Phase 1				900	miles @	\$ 0.60	per mile =				\$ 540	
Lodging												
Phase 1				2	nights @	\$ 125.00	per night =				\$ 250	
Meals												
Phase 1				2	days @	\$ 35.00	per day =				\$ 70	
Printing / Plotting												
Phase 1				1	cost @	\$ 100.00	per cost =				\$ 100	
Subconsultant Burns & McDonnell												
Phase 1				1	cost @	\$ 24,000.00	per cost =				\$ 24,000	
Subconsultant MinnKota												
Phase 1				1	cost @	\$ 2,600.00	per cost =				\$ 2,600	

Subtotal - Direct Expenses \$ 27,560

**Total Project Estimated Fee (Labor + Direct Expenses) \$ 49,944**