

Reference Numbers

CCLRT Project: 65701 4-38

Metropolitan Council: 10I045Y

City of Minneapolis:

PROJECT: Central Corridor Light Rail Transit Project

MASTER AGREEMENT NAME: Master Funding Agreement – City of Minneapolis

**PARTIES TO MASTER AGREEMENT: Metropolitan Council
City of Minneapolis**

CFDA NUMBER: 20.500

SUBORDINATE FUNDING AGREEMENT NUMBER City of Minneapolis-26

This Subordinate Funding Agreement Number City of Minneapolis-26 is entered into by and between the above-named parties.

WHEREAS, the parties entered into a Central Corridor Light Rail Project (“Project”) Master Funding Agreement, effective July 2, 2010.

WHEREAS, the parties provided in that agreement that certain aspects of funding for the Project would be determined in subsequent Subordinate Funding Agreements.

WHEREAS, the parties desire to enter into this Subordinate Funding Agreement in order to provide funding for the Project as described below.

NOW, THEREFORE, the parties hereby agree as follows:

1. **Maximum Amount of Authorized Funding:** Not to exceed **\$170,000**.
2. **General Purpose for Funds:** The Metropolitan Council will reimburse the City of Minneapolis for documented staff time, material, and equipment costs incurred by the City for final survey of storm and sanitary infrastructure.
3. **Specific Description of Funding Authorization:** Funds provided under this Subordinate Funding Agreement may only be used for costs directly incurred within the described General Purpose for Funds and as detailed in the Master Funding Agreement.

4. **Project Budget.** The budget for the project funded by this Subordinate Funding Agreement is attached as Attachment 1.
5. **Project Activity Period.** The Project Activity Period for the purposes of this Subordinate Funding Agreement shall run from execution of this Subordinate Funding Agreement through April 30, 2016, unless terminated earlier consistent with the terms of the Master Funding Agreement.
6. **Subrecipient Agreement.** This Subordinate Funding Agreement, in conjunction with the Master Funding Agreement, constitutes a subrecipient agreement for the purposes of any federal grant funds passed through to the City of Minneapolis hereby.
7. **Integration.** The terms, conditions and definitions of the Central Corridor Light Rail Master Funding Agreement, entered into by and between the parties, are expressly incorporated into this Subordinate Funding Agreement.

CITY OF MINNEAPOLIS

METROPOLITAN COUNCIL

By: _____
 Department Head Responsible for Contract
 Monitoring this Contract

By: _____
 Mark Fuhrmann
 Its: Deputy General Manager, Metro Transit

Date: _____

Date: _____

By: _____
 Finance Officer Designee

Date: _____

Approved as to form:

 Assistant City Attorney

Date: _____

ATTACHMENT 1

SUBORDINATE FUNDING AGREEMENT NUMBER City of Minneapolis-26

Total Sewer Structures Constructed

422 Storm structures MH's & CB's. Projected 8 structures/day/crew = 53 days

74 Sanitary MH's. Projected 4 structures/day/crew = 18.5 days

Storm Estimate

2, 2 man survey crews for 26.5 work days (for outside data collection)

2 crews, 2 men each, @ \$96.95/Hr. each. $4 \times \$96.95 = \$387.80 \times 8\text{hrs} = \3102.40
 $\$3102.40 \times 26.5 \text{ days} = \$82,213.60$

2 trucks @ \$45.59/day = \$91.18/day x 26.5 days = \$2,416.27

Rent 2 R10 GPS Receivers @ \$250.00/day/each $2 \times \$250.00 \times 26.5 \text{ days} = \$13,250.00$

\$82,213.60

\$2,416.27

\$13,250.00

\$97,879.87 for outside storm structure data collection

Sanitary Estimate

1, 2 man Survey crew for 18.5 days (for outside data collection)

1, 2 man Sewer Maintenance crew for 18.5 days (for confined space work in manholes)

1 Survey crew, 2 men @ \$96.95/Hr. each. $2 \times \$96.95 \times 8 \text{ Hrs.} = \$1,551.20 \times 18.5 \text{ days} =$
 $\$28,697.20$

1 Mtce. Crew, 2 men @ \$40.00/Hr each. $2 \times \$40.00 \times 8 \text{ Hrs.} = \$640.00 \times 18.5 \text{ days} =$
 $\$11,840.00$

1 Survey truck @ 45.59/day x 18.5 days = \$843.15

1 Sewer truck @ 52.00/day x 18.5 days = \$962.00

Rent 1 R 10 GPS Receiver @ \$250.00/day 1 x \$250.00 x 18.5days = \$4,625.00

\$28,697.20
 \$11,840.00
 \$843.15
 \$962.00
\$4,625.00
 \$46,967.35 for outside sanitary structure data collection

Inside Work for Record Drawings

It is estimated the downloading of data and corrections on the plan pages would take 15 working days for 2 Survey Crew Chiefs for the Storm data. It is also estimated it will take an additional 10 working days to download and correct the sanitary data.

1 Survey crew, 2 men @ \$96.95/Hr.each. $2 \times \$96.95 \times 8\text{Hrs} = \$1,551.20 \times 15 \text{ days} = \$23,268.00$

Totals

Outside Storm data collection	\$97,879.87
Outside Sanitary data collection	\$46,967.35
Inside work for record drawings	<u>\$23,268.00</u>
	\$168,115.22 Total Estimate

Deliverables to be expected

For the storm structures, x, y & z, taken at the center of exposed casting, for each structure will be collected with the GPS R 10 receiver, the z or elevation of each invert will also be collected with the R 10 receiver. The data collected and stored will be downloaded as csv files and then converted into fwd files which can be utilized with Bentley software. Along with collecting data on the inverts the pipe size and type of pipe in each invert will be noted. The barrel size of each structure will also be noted. Pages from the latest plan set provided to us will be used and new inverts drawn in red. The pipes type and size will also be altered in red with the confirmed material and size.

All of the above will also be delivered with the sanitary structures including additional manhole data on the barrel size of the oversize MH's that have been constructed with CCLRT.