Jack D. Graham, Chief Administrative Officer

January 25, 2012
TO THE COUNCIL:

The Chief Procurement Officer has advertised and received bids for Bid Number 113787 for the SE Bush, N Central, \& NE Holman Neighborhood Greenways for the Portland Bureau of Transportation with a project construction estimate of $\$ 760,000$. The Portland Bureau of Transportation rated the level of project estimate confidence as Moderate.

Bids were opened on December 29, 2011, and Six (6) bids were received. The low bid of R \& R General Contractors, Inc. was deemed responsive to the requirements of the solicitation. It is recommended that the bid of $R \& R$ General Contractors be accepted at the unit price quoted in their bid for a total estimated amount of $\$ 614,600.00$.

The Portland Bureau of Transporation along with Procurement Services, identified Sixteen (16) Divisions of Work as potential M/W/ESB subcontracting opportunities for this project, resulting in \$182,325.31 awarded to subcontractors.

The Divisions of Work identified were:

| Asphalt <br> Paving | Clearing/Grubbing/ <br> Mowing/Brushing | Concrete <br> Cutting | Concrete Work | Electrical |
| :--- | :--- | :--- | :--- | :--- |
| Excavating | Hauling Services <br> (Trucking) | Grading | Traffic Sign <br> Installation/Removal | Metal <br> Fabrication |
| Plumbing | Sewer, Water \& Striping <br> Storm Drain Work | Structural Steel <br> (Install/Erect) | Traffic <br> Control <br> Services <br> (Includes <br> TPDT) |  |
| Landscaping |  |  |  |  |

In their bid R \& R General Contractors, Inc. indicated their intent to self perform the following divisions of work:

| Asphalt <br> Paving | Clearing/Grubbing/ <br> Mowing/Brushing | Traffic Control <br> Services <br> (Includes <br> TPDT) | Concrete Work | Excavating |
| :--- | :--- | :--- | :--- | :--- |


| Grading | Hauling Services <br> (Trucking | Water, Sewer <br> \& Storm Drain <br> Work | Plumbing | Landscaping |
| :--- | :--- | :--- | :--- | :--- |

MWESB participation represents $79.98 \%$ or $\$ 491,561.19$ of the estimated contract amount.

- MBE - (Including Prime Contractor) - \$ 437,274.69 performing Asphalt Paving, Clearing/Grubbing/Mowing/Brushing, Traffic Control Services, Concrete Work, Excavating, Grading, Hauling Services, Water, Sewer \& Storm Drain Work, Landscaping and Concrete Cutting.
- WBE - \$ 4,900.00 performing Metal Fabrication.
- ESB - \$ 49,386.50 performing Traffic Sign Installation/Removal.

R \& R General Contractors has a current City of Portland Business License and their EEO Certification is current through October 31, 2012. The company is located in Salem, Oregon, and is a State Certified MBE/ESB Contractor. The company is currently registered as an Oregon Business with the Secretary of State.

R \& R General Contractors is in Full Compliance with the Equal Benefits Program.

Funds are available for this project under Owner Cost Centers 7TRES0000812, 7TRES0000813 and 7TRES0000816.

It is further recommended that a Performance Bond and a Payment Bond each in the amount of $100 \%$ of the contract amount be furnished by the Contractor.

It is also recommended that a two (2) year Maintenance/Warranty Bond for $20 \%$ of the final contract amount be furnished by the Contractor before final payment is released.

The bid sureties of the remaining bidders should be returned immediately in compliance with Section 5.34.410D of the City Code.

Recommended by:


Chief Procurement Officer
CM:ked

## Sam

Adams
Mayor

## Tom

Miller Director

## Memorandum

TO: $\quad$ Christine Moody, Chief Procurement Officer
FROM: Steve Townsen, P.E., City Engineer Sot

## SUBJECT: SE Bush, N Central, NE Holman Neighborhood Greenways Bid No. 113787

Attached are the bid summary and bid error reports for the above referenced project.
The apparent low bid of $\$ 614,600$ was received from R+R General Contractors, Inc. This bid is $77.0 \%$ of the Engineer's Estimate of $\$ 792,250.80$.

Based on the corrected results of the bids and findings of Procurement staff, it is my recommendation that R+R General Contractors, Inc be declared the lowest responsible and responsive bidder and that their bid be accepted.

ST: jks
Attachments
Copy: Kyle Chisek, Project Manager w/attachments
Eva Huntsinger, Engineer of Record w/attachments Slavic Dezhnyuk, Construction Manager Ana Nguyen, Engineering Technician w/attachments File

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FAX 503-823-4043 - TY 503-823-6868 * wwwportlandoregongov

## GOOD FAITH EFFORT

 COMPLIANCE REPORTSubmission substantially complies with Good Faith Effort Requirements Reviewed by: $\quad$ Jin Huang

Date:
December 30, 2011

PROJECT INFORMATION

| PROJECT NAME \& BUREAU | SE Bush, N. Central, and NE Holman Neighborhood <br> Greenways - PBOT |
| :---: | :--- |
| BID NUMBER | 113787 |
| PRE-BID DATE | None |
| BID OPEN DATE | $12 / 29 / 2011$ |
| BID AMOUNT | $\$ 614,600.00$ |
| CONTRACTOR | R\&R General Contractors |

AT BID SUBMISSION

| QUESTION | YES | NO |
| :--- | :---: | :---: |
| Did contractor submit the GFE Form 1 (Subcontractor and Self-Perform Work List)? | $X$ |  |

MWESB PARTICIPATION - Total Bid

| PARTICIPATION TYPE | TOTAL $\$$ | PERCENTAGE OF TOTAL BID AMOUNT |
| :---: | :---: | :---: |
| MBE | $\$ 437,274.69$ <br> (Prime= <br> $\$ 432,274.69)$ | $71.15 \%$ |
| WBE | $\$ 4,900.00$ | $0.80 \%$ |
| ESB | $\$ 49,386.50$ | $8.04 \%$ |
| Total MWESB <br> Participation | $\$ 491,561.19$ <br> $(P r i m e=$ <br> $\$ 432,274.69)$ | Total bid-79.98\% |

## MWBE PARTICIPATION - Subcontracting (35\% Aspirational goal)

| TOTAL OF ALL <br> SUBCONTRACTS <br> (including non-certified firms) | TOTAL MBE \& WBE <br> SUBCONTRACTS | PERCENTAGE OF MWBE <br> SUBCONTRACTS |
| :---: | :---: | :---: |
| $\$ 182,325.31$ | $\$ 9,900.00$ | $5.43 \%$ |

## GOOD FAITH DOCUMENTATION (24 HOURS AFTER BID OPENING)

|  | QUESTION | YES | NO |
| :--- | :--- | :--- | :--- |
| 1. | Did prime contractor attend the mandatory pre-bid meeting? (If pre-bid meeting <br> was waived, note in NOTES column.) Check sign-up sheet with Buyer. |  | NOTES |
| 2. | Did contractor explain why identified divisions of work (DOW) were not included <br> for subcontracting? (See Form 1) | $X$ | No Pre-bid. |
| 3. | Were letters or faxes sent to all M/W/ESBs (in identified DOW's to be <br> subcontracted) at the pre-bid meeting?(Form 2) | Self- <br> perform. |  |
| 4. | Was a minimum of five (5) M/W/ESB firms contacted (in each identified DOW to <br> be subcontracted) by letter or fax to bid on this project?(Form 2) | $X$ |  |
| 5. | Were M/W/ESB firms contacted at least seven (7) calendar days before the bid <br> opening?(Form 2) | $X$ |  |
| 6. | Is a copy of the Ietter or fax sent to potential M/W/ESB subs included in Good <br> Faith documentation? | $X$ |  |
| 7. | Did prime provide a completed M/W/ESB Contact/Bids Received Log (Form 2)? | $X$ |  |

GOOD FAITH EFFORT ANALYSIS
$\left.\left.\begin{array}{|c|l|l||}\hline \text { 1. } & \begin{array}{l}\text { Divisions of Work Identified by City: Asphalt Paving, Clearing/Grubbing/Mowing/Brushing, Concrete Cutting, } \\ \text { Concrete Work, Electrical, Excavating, Grading, Hauling Services (Trucking), Landscaping, Metal Fabrication, } \\ \text { Plumbing, Sewer, Water \& Storm Drain Work, Striping, Structural Steel (Install/Erect), Traffic Control Services } \\ \text { (Includes TPDT), and Traffic Sign Installation/Removal. }\end{array} \\ \hline \text { 2. } & \begin{array}{l}\text { Rationale for non-utilization of subcontractors for suggested Divisions of Work: Self-perform. }\end{array} \\ \hline \text { 3. } & \begin{array}{l}\text { All Divisions of Work to be used on this project: Asphalt Paving, Clearing/Grubbing/Mowing/Brushing, Traffic } \\ \text { Control Services (Includes TPDT), Concrete Work, Excavating, Grading, Hauling Services (Trucking), Landscaping, } \\ \text { Plumbing, Sewer, Water \& Storm Drain Work, Concrete Cutting, Electrical, Metal Fabrication, Striping, Structural } \\ \text { Steel, Traffic Sign Installation/Removal, and Liner Installation. }\end{array} \\ \hline \text { 4. } & \begin{array}{l}\text { Certified Subcontractors' name, Cert Type, and Subcontract amount used on the Project: Brothers Concrete } \\ \text { Cutting, Inc. (MBE) - \$5,000.00; CBK Constructors, LLC (Metal Fabrication-WBE) - } \$ 4,900.00 ; ~ a n d ~ C a r t e l l o ~\end{array} \\ \text { Construction, Inc. (Traffic Sign Installation/Removal -ESB) - \$49,386.50. }\end{array}\right\} \begin{array}{l}\text { Subcontractor names and subcontract amounts awarded to non-certified firms: Prairi Electrical - \$89, 500.00; } \\ \text { Apply-A-Line, Inc. (Striping) - \$20,769.40; Prairie Electric (Structural Steel) - \$4,000.00; and ACF Construction, Inc. } \\ \text { (Traffic Sign Installation/Removal) - \$8,769.41. }\end{array}\right\}$
3.

Any special Good Faith Efforts undertaken by the Prime Contractor? Yes. Prime contacted more than required MWESB in some Divisions of Work.

List of other prime bids received: Note any special Good Faith Efforts taken by the Prime Contractor and if
10. good faith effort documentation submitted (Forms 1/2). Dirt \& Aggregate Interchange (Form 1) - \$697,777.00; Brown Contracting (Form 1) - $\$ 765,888.00$; Nutter Corporation (Form 1) - $\$ 795,518.22$; Brant Construction, Inc. (Form 1) - \$812,000.00; and JP Contractors, Inc. (Form 1) - \$1,034,000.20.

## NOTES:

EEO cert: 10/31/2012
COP Lic: 705319
CCB Lic: 183367

## Issues: None

## Summary of R \& R General Contractors, Inc.'s Good Faith Effort:

| DOW |  | Required MWESB Contacts | \# MWESBs Contacted | \# Bids <br> Received | \# Bids Used |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 91395 | ASPHALT PAVING | 5 | 9 | 0 | 0 |
| 91382 | CONCRETE CUTTING | 5 | 7 | 1 | 1 |
| 91438 | ELECTRICAL | 5 | 10 | 2 | 0 |
| 96239 | HAULING SERVICES (TRUCKING) | 5 | 8 | 2 | 0 |
| 98852 | LANDSCAPING | 5 | 9 | 0 | 0 |
| 91458 | METAL FABRICATION | 5 | 7 | 1 | 1 |
| 91468 | PLUMBING | 5 | 5 | 0 | 0 |
| 91276 | STRIPING | 5 | 5 | 0 | 0 |
| 91479 | STRUCTURAL STEEL (INSTALL/ERECT) | 5 | 6 | 0 | 0 |
| 96880 | TRAFFIC SIGN INSTALLATION/REMOVAL | 5 | 6 | 1 | 1 |
| Total |  | 50 | 72 | 7 | 3 |

Comparatively, the next low bidder:
Dirt and Aggregate Interchange, Inc. had 9.62\% MWESB participation.

## Level of effort:

|  | High | Met the aspirational goal. |
| :---: | :---: | :--- |
| $\mathbf{x}$ | Moderate | Exceeded the solicitation requirements and/or achieved some participation. |
|  | Low | Met the minimal solicitation requirements but achieved NO participation. |

Recommendation: Approval. The prime is in compliance with the GFE Program Requirements.

| ${ }_{\text {Nom }}^{\text {Nom }}$ Description | $\begin{aligned} & \text { Est. } \\ & \text { Quant } \end{aligned}$ | Unit | $\begin{gathered} \text { Spec } \\ \text { Reference } \end{gathered}$ | R\&R General $C$ Unit Price | Contractors, Inc. Extended | Dirt \& Aggregat Unit Price | Interchange, Inc. Extended | $\begin{aligned} & \text { Brown Conti } \\ & \text { Unit Price } \end{aligned}$ | tracting, Inc. Extended | Nutter Corporation |  | $\begin{gathered} \text { Brant Constr } \\ \text { Unit Price } \end{gathered}$ | truction, Inc. Extended | JP Contra | Etors, Inc. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 MOBiLIZATION | 1 | Ls | 0210 | \$48,999.75 | \$48,999.75 | \$38,900.00 | \$38,900.00 | \$77,000.00 | 7,000.00 | 000.00 | \$79,000.00 | \$75,000.00 | \$75,000.00 | \$70.000.00 | \$70.000.00 |
| TEMPORARY PROTECTION \& | 1 | Ls | 0225 | \$2,000.00 | \$2,000.00 | \$14.800.00 | \$14,800.00 | \$5000.00 | \$5,00000 | 0000 | 00 | \$5000.00 | 0 | \$1000000 | $\$ 100000$ |
| 3 TEMPORARY SIGNS | 576 | saft | 0225 | \$14.00 | \$8,064.00 | \$18.00 | \$10,368.00 | \$11.00 | \$6,336.00 | \$20.00 | \$11,520.00 | \$8.00 | \$4,608.00 | \$24.00 | $\$ 10,000.00$ $\$ 13,824.00$ |
| 4 TEMPORARY PLASTIC DRUMS | 170 | EACH | 0225 | \$36.00 | \$6,120.00 | \$45.00 | \$7,650.00 | \$30.00 | \$5,100.00 | \$30.00 | \$5,100.00 | \$40.00 | \$6,800.00 | \$55.00 | \$ $\$ 9,350.00$ |
| 5 FLAGGERS | 288 | Hour | 0225 | \$48.00 | \$13,824.00 | 948.00 | \$13,824.00 | \$35.00 | \$10,080.00 | \$44.00 | \$12,672.00 | \$45.00 | \$12,960.00 | \$47.00 | \$13,536.00 |
| 6 EROSION CONTROL | 1 | LS | 0280 | \$1,500.00 | \$1,500.00 | \$10,000.00 | \$10,000.00 | \$5,000.00 | \$5,000.00 | \$10,000.00 | \$10,000.00 | \$1,000.00 | \$1,000.00 | \$1,500.00 | \$1,500.00 |
| 7 INLET PROTECTION | 9 | EACH | 0280 | \$150.00 | \$1,350.00 | \$75.00 | \$675.00 | \$100.00 | \$900.00 | \$70.00 | \$630.00 | \$100.00 | \$900.00 | \$82.00 | \$738.00 |
| 8 POLLUTION CONTROL PLAN | 1 | Ls | 0290 | \$200.00 | \$200.00 | \$500.00 | \$500.00 | \$900.00 | \$900.00 | \$1,000.00 | \$1,000.00 | \$500.00 | \$500.00 | \$550.00 | \$550.00 |
| REMOVAL OF STRUCTURES \& 9 OBSTRUCTIONS | 1 | ${ }^{\text {Ls }}$ | 0310 | \$18,100.00 | \$18,100.00 | \$36.825.00 | \$36,82500 | \$5600000 | \$56,000,00 | \$50,000.00 | \$50,000,00 | \$91.640.00 | $\$ 9164000$ | \$20000.00 |  |
| 10 Clearing and grubbing | 1 | L. | 0320 | \$1,500.00 | \$1,500.00 | \$ $\$ 3750.00$ | \$ $\$ 3,750.00$ | \$ \$2,000.00 | \$2,000.00 | \$10,00000 | \$9000000 | \$91,640.00 | \$91,640.00 | \$250000.00 | $\$ 20,000.00$ <br> $\$ 25000.00$ |
| 11 general excavation | 455 | curd | 0330 | \$21.00 | \$9.555.00 | \$35.00 | \$15,925.00 | \$30.00 | \$13,650.00 | \$50.00 | \$22,750.00 | \$32.00 | \$14,560.00 | \$38.00 | $\$ 85.000 .00$ $\$ 17.290 .00$ |
| 1 VIDEO INSPECTION OF SEWERS, | 115 | Foot | 0401 |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 MAINLINE ${ }^{13}$ STORMWATER PLANTERS | 4665 | Soft | 0415 | $\$ 16.00$ $\$ 125$ | $\$ 1,840.00$ $\$ 7714625$ | \$77.00 | ${ }^{5805.00}$ | \$5.00 | \$575.00 | \$4.00 | \$460.00 | \$3.00 | \$345.00 | \$9.00 | \$1.035.00 |
| 14 STORMWATER SWALES | 1161 | saft | 0415 | \$ $\$ 8.50$ | \$ $\$ 9.868 .50$ | \$ $\$ 7.50$ | \$60,645.00 | $\$ 10.00$ $\$ 8.00$ | $\$ 466,650.00$ $\$ 9,288.00$ | $\$ 16.00$ $\$ 8.00$ | $\$ 74,640.00$ $\$ 9,288.00$ | \$16.00 $\$ 20.00$ | \$74,640.00 | \$25.00 $\$ 21.00$ | $\$ 116.625 .00$ $\$ 24.381 .00$ |
| 1566 INCH PIPE, COMPLETE | 17 | foot | 0445 | \$56.00 | \$952.00 | \$125.00 | \$2,125.00 | \$125.00 | \$2,125.00 | \$110.00 | \$1,870.00 | \$100.00 | \$1,700.00 | \$100.00 | \$ $\$ 1,700.000$ |
| 1610 INCH PIPE, COMPLETE | 263 | Foot | 0445 | \$66.00 | \$17,358.00 | \$100.00 | \$26,300.00 | \$140.00 | \$36,820.00 | \$85.00 | \$22,355.00 | \$80.00 | \$21,040.00 | \$125.00 | \$32,875.00 |
| 17 CONCRETE INLETS, TYPE CG-2 | 1 | EACH | 0470 | \$1,600.00 | \$1,600.00 | \$1,570.00 | \$1,570.00 | \$1,200.00 | \$1,200.00 | \$1,400.00 | \$1,400.00 | \$2,500.00 | \$2,500.00 | \$1,400.00 | \$1,400.00 |
| 18 CONCRETE INLETS, TYPE G-2 | 17 | EACH | 0470 | \$1.500.00 | \$25,500.00 | \$1,516.00 | \$25,772.00 | \$1,200.00 | \$20,400.00 | \$1,300.00 | \$22,100.00 | \$1,600.00 | \$27,200.00 | \$1,400.00 | \$23,800.00 |
| ${ }^{19}$ CONCRETE INLETS, TYPE METAL | 19 | EACH | 0470 | \$500.00 | \$9,500.00 | \$288.00 | \$5,472.00 | \$350.00 | \$6,650.00 | \$300.00 | \$5,700.00 | \$500.00 | \$9,500.00 | \$650.00 | \$12,350.00 |
| 20\& GRATE | 6 | EACH | 0470 | \$1700.00 | \$10200.00 | \$2,21300 | \$1327800 |  |  |  |  |  |  |  |  |
| CONCRETE INLETS, TYPE METAL |  |  |  | \$1,00.00 | \$10,200.00 | \$2,213.00 | \$13,27.00 | \$1,800.00 | \$10,800.00 | \$2,300.00 | \$13,800.00 | \$2,000.00 | \$12,000.00 | \$750.00 | \$4,500.00 |
| 21 (MODIFIED) | 24 | EACH | 0470 | \$500.00 | \$12,00.00 | \$344.00 | 98.256.00 | \$400.00 | \$9,600.00 | \$360.00 | \$8,640.00 | \$800.00 | \$19,200.00 | \$1,600.00 | \$38,400.00 |
| 22 CONCRETE INLETS, TYPE BEEHIVE | 10 | EACH | 0470 | \$1,500.00 | \$15,000.00 | \$1,660.00 | \$16,600.00 | \$1,300.00 | \$13,000.00 | \$1,000.00 | \$10,000.00 | \$1,000.00 | \$10,000.00 | \$1,500.00 | \$15,000.00 |
| 23 ADJUSTING BOXES | 6 | EACH | 0490 | \$150.00 | \$900.00 | \$500.00 | \$3,000.00 | \$480.00 | \$2,880.00 | \$200.00 | \$1,200.00 | \$200.00 | \$1,200.00 | \$650.00 | \$3,900.00 |
| 24 STRUCTURES | 7 | CH | 0490 | \$487.00 | \$3,409.00 | \$1,000.00 | \$7,000.00 | \$375.00 | \$2,625.00 | \$700.00 | \$4,900.00 | \$500.00 | \$3,500.00 | \$1,200.00 | 98.400 .00 |
| 25 MAJor adjustment of manholes | 2 | Each | 0490 |  |  |  |  |  |  |  |  |  |  |  |  |
| 26 REPLACE MANHOLE STEPS | 2 | EACH | 0490 | \$500.00 | \$1,000.00 | $\$ 1,500.00$ $\$ 10000$ | \$3,000.00 | \$1,500.00 | \$3,000.00 | \$700.00 | \$1,400.00 | \$1,000.00 | \$2,000.00 | \$5.000.00 | \$10,000.00 |
| 27 TRENCH RESURFACING | 334 | saro | 0495 | \$65.50 | \$21,877.00 | \$72.00 | \$24,048.00 | \$75.00 | \$25,050.00 | \$70.00 | \$23,380.00 | \$40.00 | \$13,360.00 | \$200.00 | \$66,800.00 |
| 28 PLANTER WALL | 950 | foot | 0596 | \$28.00 | \$26,600.00 | \$31.50 | \$29,925.00 | \$43.00 | \$40,850.00 | \$35.00 | \$33,250.00 | \$22.00 | \$20,900.00 | \$80.00 | \$76,000.00 |
| 29 AGGREGATE BASE | 199 | Ton | 0640 | \$35.00 | \$6,965.00 | \$35.00 | \$6,965.00 | \$85.00 | \$16,915.00 | \$70.00 | \$13,930.00 | \$40.00 | \$7,960.00 | \$60.00 | \$11,940.00 |
| CONCRETE CURBS, CURB AND 30 GUTTER | 218 | Foor | 759 | \$19.00 | \$4,142.00 | \$19.00 | \$4.142.00 | \$25.00 | \$5,450.00 | \$24.00 | \$5,232.00 | \$35.00 | \$7.630.00 | \$26.00 | \$5668.00 |
| CONCRETE CURBS, STANDARD | 153 | foor | 0759 |  |  |  |  |  |  |  |  |  |  |  |  |
| 31 CURB |  |  |  | \$18.00 | \$2,754.00 | \$19.00 | \$2,907.00 | \$22.00 | \$3,366.00 | \$24.00 | \$3,672.00 | \$25.00 | \$3,825.00 | 30.00 | \$4,590.00 |
| 32 CUNRB AND GUTTER | 768 | Foot | 0759 | \$20.00 | \$15,360.00 | \$30.00 | \$23.040.00 | \$40.00 | \$30,720.00 | \$35.00 | \$26,880.00 | \$35.00 | \$26,880.00 | \$32.00 | \$24,576.00 |
| 33 CONCRETE ISLANDS | 1312 | saft | 0759 | \$8.00 | \$10,496.00 | \$6.75 | \$8,856.00 | \$8.00 | \$10,496.00 | \$8.50 | \$11,152.00 | \$10.00 | \$13,120.00 | \$22.00 | ${ }_{\$ 28,864.00}$ |
| 34 CONCRETE DRIVEWAYS | 252 | Saft | 0759 | \$5.00 | \$1,260.00 | \$5.00 | \$1,260.00 | \$7.00 | \$1,764.00 | \$7.00 | \$1,764.00 | \$10.00 | \$2,520.00 | \$11.00 | \$2,772.00 |
| 35 CONCRETE WALKS | 6532 | saft | 0759 | \$3.55 | \$23,188.60 | \$4.00 | \$26.128.00 | \$5.00 | \$32,660.00 | \$5.00 | \$32,660.00 | \$600 | \$39,192.00 | \$7.00 | \$45,724.00 |
| 36 MONOLITHIC CURB AND SIDEWALKS | 10420 | soft | 0759 | \$6.50 | \$67,730.00. | \$6.90 | \$71,898.00 | \$8.00 | \$83,360.00 | \$9.00 | \$93,780.00 | \$700 | \$72,940.00 | \$8.00 | \$83,360.00 |
| 37 CONCRETE VALLEY GUTTER | 19 | foot | 0759 | \$39.00 | \$741.00 | \$24.25 | \$460.75 | \$40.00 | \$760.00 | \$33.00 | \$627.00 | \$30.00 | \$570.00 | \$30.00 | \$570.00 |
| 38 METAL HANDRALL, 2 RALLS | 7 | Fоot | 0759 | \$80.00 | \$560.00 | \$100.00 | \$700.00 | \$180.00 | \$1,260.00 | \$140.00 | \$980.00 | \$200.00 | \$1,400.00 | \$100.00 | \$700.00 |
| 39 detectable warning surface | 8 | saft | 0759 | \$74.00 | \$592.00 | \$27.00 | \$216.00 | \$25.00 | \$200.00 | \$28.00 | \$224.00 | \$287.00 | \$2,296.00 | \$100.00 | \$800.00 |
| 40 PAVEMENT LEGEND REMOVAL | 150 | EACH | 0851 | \$45.00 | \$45.00 | \$48.50 | \$48.50 | \$100.00 | \$100.00 | \$50.00 | \$50.00 | \$50.00 | \$50.00 | \$100.00 | \$100.00 |
| 41 PAVEMENT LINE REMOVAL | 1560 | foot | 0851 | \$0.40 | \$624.00 | \$0.45 | \$702.00 | \$1.00 | \$1,560.00 | \$0.50 | \$780.00 | \$0.50 | \$780.00 | \$1.00 | \$1,560.00 |
| 42 PAVEMENT BAR REMOVAL | 140 | saft | 0851 | \$1.25 | \$175.00 | \$1.35 | \$189.00 | \$2.00 | \$280.00 | \$1.50 | \$210.00 | \$1.50 | \$210.00 | \$2.50 | \$350.00 |
| 43 MARKERS | 38 | EACH | 0855 | \$5.00 | \$190.00 | \$5.50 | \$209.00 | \$8.00 | \$304.00 | \$5.00 | \$190.00 | \$5.00 | \$190.00 | \$7.00 | \$266.00 |
| MONO-DIRECTIONAL WHITE TYPE I | 69 | EACH | 0855 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | \$5.00 | \$345.00 | \$5.50 | \$379.50 | \$8.00 | \$552.00 | \$5.00 | \$345.00 | \$5.00 | \$345.00 | . 00 | \$483.00 |
| 45 MARKINGS - PAINT | 762 | foot | 0860 | \$0.55 | \$419.10 | \$1.00 | \$762.00 | \$1.00 | \$762.00 | \$1.00 | \$762.00 | \$0.50 | \$381.00 | \$2.00 | \$1,524.00 |
| 46 THERMOPLASTIC, NON-PROFILE, | 3092 | foot | 0865 | \$1.40 | \$4.328.80 | \$1.50 | \$4.638.00 | \$2.00 | \$6,184.00 | \$1.50 | \$4,638.00 | \$1.50 | \$4,638.00 | \$2.10 | \$6,493.20 |




| AGENDA |
| :--- |
| TIME CERTAIN $\square$ |
| Start time: $\square$ |
| Total amount of time needed: <br> (for presentation, testimony and discussion) |
| CONSENT $\boxtimes$ |
| $\frac{\text { REGULAR } \square}{\text { Total amount of time needed: }}$(for presentation, testimony and discussion) |


| FOUR-FIFTHS AGENDA |  | COMMISSIONERS VOTED |  |  |
| :--- | :--- | :--- | :--- | :---: |
|  | AS FOLLOWS: |  |  |  |
|  |  | YEAS | NAYS |  |
| 1. Fritz | 1. Fritz |  |  |  |
| 2. Fish | 2. Fish |  |  |  |
| 3. Saltzman | 3. Saltzman |  | . |  |
| 4. Leonard | 4. Leonard |  |  |  |
| Adams | Adams |  |  |  |

