



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: February 28, 2022



To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Rob Maleszyk, Chief Financial Officer
Lisa Burnham, Controller
Kurt Bovensiep, Public Works Director
Dennis Trantham, Facilities and Grounds Operations Manager
Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 4: Oakland County Purchasing Cooperative – Jaycee South and Raintree Restroom Building Electrical Distribution Panel Replacement

History

Jaycee Park:

- Jaycee Park is a 45-acre Community Park with a wide array of recreational opportunities.
- The existing electrical distribution system that provides electrical service to the south building consists of two branch circuit panels. These branch circuit panels are at capacity and have reached the end of their usable service life.
- The electrical distribution panel deficiency was identified in the Facilities Condition Assessment.

Raintree Park:

- Raintree Park is a 41-acre Community Park with a wide array of recreational opportunities.
- The existing branch circuit panel provides electrical service for the restroom building and the pavilion.
- The existing branch circuit panel is at capacity and has reached the end of its usable service life.
- The electrical distribution panel deficiency was identified in the Facilities Condition Assessment.

Purchasing

- Pricing for the replacement branch circuit panels at Jaycee and Raintree Parks including all labor, materials and equipment has been secured from *Shaw Service and Maintenance of Southfield, MI* through the Oakland County Cooperative Contract #005446 per proposal S211117001.
- City Council authorized participation in the Cooperative Purchasing Programs on November 8, 2021 (Resolution #2020-11-160).

Financial

Funds are budgeted and available in the Parks Buildings and Improvements Capital Fund under Project Numbers 2022C0144 and 2022C0066 for the 2022 fiscal year. Expenditures will be charged to account number 401.751.770.7975.135.



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Recommendation

City management recommends awarding a contract to *Shaw Service and Maintenance of Southfield, MI* for the branch circuit distribution panel replacements at Jaycee and Raintree Parks for an estimated total cost of \$16,724 with a 20% contingency not to exceed budgetary limitations.



Proposal & Scope of Work

Date: 2/14/2022

Proposal ID: S211117001

TO: Dennis Trantham
 City of Troy
 4695 Rochester Road
 Troy, MI 48085

FROM: Mark A Feters
PROJECT: City of Troy Raintree/Jaycee Panel Upgrades

Shaw Service and Maintenance Contacts

Mark Feters, Service Manager	Direct (248) 228-2019 Cell (248) 345-9538 mfeters@shaws.com
Dispatch	Direct (248) 228-2028
After Hours Emergency Number	(877) 370-7076
Service Email	service@shaws.com

<i>Included</i>	<i>Excluded</i>		<i>Included</i>	<i>Excluded</i>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use Tax	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Payment & Performance Bonds
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Electrical Permit Costs & Fees	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Overtime Costs
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire Division Inspection Fees	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temperature Controls
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Building Permit Fees	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Patching &/or repair of holes in walls or floors

This Proposal is based upon Shaw Service & Maintenance's Standard Terms and Conditions (see Page 2) unless otherwise indicated below.

SCOPE OF WORK:

JAYCEE PARK SCOPE:

Demolition of (2) Existing Branch Circuit Panel Boards
 Furnish and install (1) 200 Amp 40 Circuit 240V Single Phase Panel Board
 Terminate existing circuits into new panel
 Update panel schedule
 Furnish and install new Service Entrance Conductors
 Furnish and install (1) New Lateral Meter Enclosure (work will require coordination with DTE)

Labor : [\\$5,398.00](#)
Equipment : [\\$494.00](#)
Material : [\\$2,817.00](#)
Offering Price : [8,709.00](#)

RAINTREE PARK SCOPE:

Demolition of (1) Existing Branch Circuit Panel Boards
 Furnish and install (1) 200 Amp 40 Circuit 240V Single Phase Panel Board
 Terminate existing circuits into new panel
 Update panel schedule
 Furnish and install new Service Entrance Conductors

Labor : [\\$5,398.00](#)
Equipment : [\\$494.00](#)
Material : [\\$2,123.00](#)
Offering Price : [\\$8,015.00](#)

EXCLUSIONS & ASSUMPTIONS:

Work is expected to be performed during Monday through Friday during normal working hours excluding holidays.
 Quoted as time and material not to exceed
 Unit Heaters provided and installed by other
 Pricing per Oakland County contract 5446

Mark A Feters

Shaw Service & Maintenance



Proposal & Scope of Work

Standard Terms & Conditions

1. Payment terms are monthly progress payments net 30 days due.
2. The offering price is valid for 30 days. Shaw Service & Maintenance reserves the right to extend this term without notice.
3. Subcontract terms and conditions are subject to review and approval prior to award of a subcontract to Shaw Service & Maintenance.
4. Terms are pending approval by Shaw Service & Maintenance credit manager.
5. This Proposal is based on the schedule and time durations presented at time of bid. A change in schedule shall constitute a change in scope of work.
6. All equipment furnished is F.O.B. shipping points with freight allowed to jobsite.
7. The price includes a warranty as specified in the Bid Documents. No other warranty is expressed or implied.



22100 Telegraph
 Southfield, MI 48033
 Phone: (248) 228-2000
 Fax: (248) 228-2080

CITY OF TROY BULLETIN BREAKDOWN

PROJECT:	CITY OF TROY	SHAW PROJECT #:	S211117001 JAYCEE
QUOTE FOR:	JAYCEE PARK PANEL	SHAW MMS RFC #:	
DATED:	3/23/2021	SHAW REVISION #:	0
DESCRIPTION:	PER PROVIDED SCOPE	SHAW QUOTE DATE:	2/14/2022
PLANS ISSUED:	n/a		
SPECS. ISSUED:	"		
SKETCHES ISSUED:	"		
QTY ELEC/TECH DWGS ISSUED:	0		

MATERIAL	<u>Conduit and wire estimated</u>		\$547
	PANEL BOARD WITH BREAKERS	0	\$1,300
	METER ENCLOSURE	0	\$350
	MI USE TAX @ 6%		\$132
	MARKUP 12%		\$279
	ESCALATION(CONTINGENCY) 8%		\$209
	MATERIAL TOTAL		\$2,817

DIRECT INSTALLATION LABOR COST - PER ATTACHED SHEETS			
	0 HOURS @ Straight	\$ 82.00	\$0
	0 HOURS @ "	\$ 97.00	\$0
	42 HOURS @ "	\$ 119.00	\$4,998
	0 HOURS @ Time & 1/2	\$ 105.00	\$0
	0 HOURS @ "	\$ 130.00	\$0
	0 HOURS @ "	\$ 151.00	\$0
	0 HOURS @ Double	\$ 130.00	\$0
	0 HOURS @ "	\$ 164.00	\$0
	0 HOURS @ "	\$ 189.00	\$0
	SUPERVISION - 8% OF DIRECT LABOR HOURS (DETAILING, LOGISTICS) or PER ATTACHED SHEETS AS DIRECT LABOR		
	3.4 HOURS @ Straight	\$ 119.00	\$400
	0 HOURS @ "		\$0
	0 HOURS @ Time & 1/2		\$0
	0 HOURS @ "		\$0
	0 HOURS @ Double		\$0
	0 HOURS @ "		\$0
		0%	INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES
	LABOR TOTAL		\$5,398

DJE EQUIPMENT - LARGE OR SPECIAL TOOLING			
	EXCAVATOR/TRENCHING EQUIPMENT		\$0
	RIGGING / HOISTING / LULL / FORKLIFT		\$0
	PARKING FEES / MILEAGE / FUEL		\$0
	MEGGER, PHASE ROTATION METER		\$150
	RIGID CUTTING, THERREADING AND BENDING EQUIPMENT		\$0
	POWER LOGGER		\$0
	PERMIT		\$0

ENGINEERING / DOCUMENT MAINTENANCE					
	4 HOURS	\$ 86.00	SERVICE ENGINEER/FIELD DETAIL/SURVEY	\$344	
	0 HOURS	\$ 80.00	BIM COORDINATOR/PLOTS/DWGS	\$0	
	0 HOURS	\$ 65.00	ADMINISTRATIVE ASSISTANT	\$0	
	DIRECT JOB EXPENSES / SMALL TOOLS / SAFETY / CONSUMMABLES / FIRST AID				
	AS PERCENT @	0.0%	OF LABOR ABOVE TOTAL	\$0	
	or AS ITEMIZED ON THE DJE CHECKLIST SHEET (Page 2 of 2)				\$0
	DIRECT JOB EXPENSES TOTAL			\$494	

			\$8,709
		0%	\$0

SUBCONTRACTORS			
	X		\$0
	X		\$0
	X		\$0
	X		\$0
	SUBCONTRACTOR TOTAL		\$0

PLM BOND / INSURANCE COSTS			
	FEE ON SUBS @	5%	\$0

TOTAL PRICE FOR THIS QUOTATION			\$8,709
---------------------------------------	--	--	----------------



22100 Telegraph
 Southfield, MI 48033
 Phone: (248) 228-2000
 Fax: (248) 228-2080

CITY OF TROY BULLETIN BREAKDOWN

PROJECT:	CITY OF TROY	SHAW PROJECT #:	S211117001
QUOTE FOR:	RAINTREE PARK PANEL	SHAW MMS RFC #:	
DATED:	3/23/2021	SHAW REVISION #:	0
DESCRIPTION:	PER PROVIDED SCOPE	SHAW QUOTE DATE:	2/14/2022
PLANS ISSUED:	n/a		
SPECS. ISSUED:	"		
SKETCHES ISSUED:	"		
QTY ELEC/TECH DWGS ISSUED:	0		

MATERIAL	<u>Conduit and wire estimated</u>		\$356
	PANEL BOARD WITH BREAKERS	0	\$1,300
		0	
	MI USE TAX @ 6%		\$99
	MARKUP 12%		\$211
	ESCALATION(CONTINGENCY) 8%		\$157
	MATERIAL TOTAL		\$2,123

DIRECT INSTALLATION LABOR COST - PER ATTACHED SHEETS			
0 HOURS @ Straight	\$ 82.00		\$0
0 HOURS @ "	\$ 97.00	JOURNEYMAN ELECTRICIAN	\$0
42 HOURS @ "	\$ 119.00	SERVICE ELECTRICIAN	\$4,998
0 HOURS @ Time & 1/2	\$ 105.00		\$0
0 HOURS @ "	\$ 130.00	JOURNEYMAN ELECTRICIAN	\$0
0 HOURS @ "	\$ 151.00	SERVICE ELECTRICIAN	\$0
0 HOURS @ Double	\$ 130.00		\$0
0 HOURS @ "	\$ 164.00	JOURNEYMAN ELECTRICIAN	\$0
0 HOURS @ "	\$ 189.00	SERVICE ELECTRICIAN	\$0
SUPERVISION - 8% OF DIRECT LABOR HOURS (DETAILING, LOGISTICS) or PER ATTACHED SHEETS AS DIRECT LABOR			
3.4 HOURS @ Straight	\$ 119.00		\$400
0 HOURS @ "			\$0
0 HOURS @ Time & 1/2			\$0
0 HOURS @ "			\$0
0 HOURS @ Double			\$0
0 HOURS @ "			\$0
	0%	INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES	\$0
	LABOR TOTAL		\$5,398

DJE EQUIPMENT - LARGE OR SPECIAL TOOLING			
	EXCAVATOR/TRENCHING EQUIPMENT		\$0
	RIGGING / HOISTING / LULL / FORKLIFT		\$0
	PARKING FEES / MILEAGE / FUEL		\$0
	MEGGER, PHASE ROTATION METER		\$150
	RIGID CUTTING, THEREADING AND BENDING EQUIPMENT		\$0
	POWER LOGGER		\$0
	PERMIT		\$0

ENGINEERING / DOCUMENT MAINTENANCE			
4 HOURS	\$ 86.00	SERVICE ENGINEER/FIELD DETAIL/SURVEY	\$344
0 HOURS	\$ 80.00	BIM COORDINATOR/PLOTS/DWGS	\$0
0 HOURS	\$ 65.00	ADMINISTRATIVE ASSISTANT	\$0
DIRECT JOB EXPENSES / SMALL TOOLS / SAFETY / CONSUMMABLES / FIRST AID			
	AS PERCENT @ 0.0%	OF LABOR ABOVE TOTAL	\$0
	or AS ITEMIZED ON THE DJE CHECKLIST SHEET (Page 2 of 2)		\$0
	DIRECT JOB EXPENSES TOTAL		\$494

			\$8,015
	0%		\$0

SUBCONTRACTORS			
	X		\$0
	X		\$0
	X		\$0
	X		\$0
	SUBCONTRACTOR TOTAL		\$0

PLM BOND / INSURANCE COSTS			
	FEE ON SUBS @ 5%		\$0

TOTAL PRICE FOR THIS QUOTATION			\$8,015
---------------------------------------	--	--	----------------