

MEETING NOTICE
VILLAGE OF TINLEY PARK
MEETING OF THE COMMITTEE OF THE WHOLE

NOTICE IS HEREBY GIVEN that a Committee of the Whole Meeting of the Village of Tinley Park, Cook and Will Counties, Illinois will be held on Tuesday, October 16, 2018, beginning at 6:30 p.m. in Council Chambers, located in the Tinley Park Village Hall, 16250 South Oak Park Avenue, Tinley Park, Illinois 60477.

The agenda is as follows:

1. CALL MEETING TO ORDER.
2. RECEIVE UPDATE ON FIRE STATION 47 CONSTRUCTION.
3. DISCUSS BID AWARD FOR FIRE STATION 47 PARKING LOT.
4. DISCUSS INTERGOVERNMENTAL AGREEMENT (IGA) FOR SUMMIT HILL SCHOOL DISTRICT 161 – TRANSCEIVER SITE SYSTEM.
5. DISCUSS POST 1 (167TH STREET) PUMP STATION IMPROVEMENTS-MAIN DISTRIBUTION PANEL.
6. RECEIVE COMMENTS FROM THE PUBLIC.

ADJOURNMENT

KRISTIN A. THIRION
VILLAGE CLERK



Interoffice Memo

Date: October 12, 2018
To: Committee of the Whole
David Niemeyer, Village Manager *DJN*
From: John Urbanski, Assistant Public Works Director
Subject: Fire Station #2/#47 Update & Budget Discussion

Presented for October 16th, 2018 Committee of the Whole discussion and possible action.

Description:

At the September 11th, 2018 Public Safety Committee the Fire Station design and preliminary construction cost estimates to create a preliminary budget were discussed. As seen in the attached spreadsheets, utilizing current bid awards from similar Chicagoland fire station projects and quotes received on unit costs R.C. Wegman has created the rough estimate of project budget. Along with the project budget we have offered possible cost savings measures to be utilized towards a savings of this amount.

The Public Safety Committee concurred with staff recommendations regarding the offered savings options and weighed the current and future advantages and disadvantages of each. Based on these discussions, it was the committee consensus to continue with the planning and design process of the fire station while removing the amenities in options #1 and #7:

- Option #1 removes 3 of the improved bi-fold style doors apparatus doors and replaces them with the traditional roll up doors at a savings of approximately \$93k.
- Option #7 removes the purchase and lease of temporary structures designed to house apparatus and manpower on site during the construction period at a savings of approximately \$220k.

Chief Reeder has done an analysis of the effects of removing each option in the attached memo. If additional cost savings measures are deemed necessary, it is the Fire Station Construction Committee's request that these savings are achieved by removing options in a manner respectful to the order they were placed on the attached list. Construction and operational advantages/disadvantages can be discussed regarding each item if needed.

Staff Direction Request:

1. Approve preliminary construction budget and cost savings measures as proposed.
2. Receive status update from R.C. Wegman, FGM Architects
3. Direct staff as necessary.

Attachments:

1. Draft budget and cost savings option spreadsheet
2. Chief Reeder's justifications for each of the alternates

Attachment 1

R.C. Wegman Construction Company
Tinley Park Fire Station #47
 Preliminary SD Budget - August 31, 2018

	DESCRIPTION	MATERIAL	LABOR	SUBCONTRACT	TOTAL
SOFT COSTS					
	A/E Selection Process			\$7,668	\$7,668
	Design Pre-Construction Phase			\$21,180	\$21,180
	Post-Construction Closeout			\$4,800	\$4,800
	Architectural Fee			\$270,000	\$270,000
	Civil Engineering Fee			\$82,000	\$82,000
	Tinley Park Permits Fees			\$0	\$0
	Sanitary Fees - WWR			\$0	\$0
	Tinley Park Engineering Review			\$0	\$0
	Communication Engineer Consultant			\$30,000	\$30,000
	Geotechnical Testing			\$4,200	\$4,200
	CCDD Sampling and Testing			\$2,000	\$2,000
	Testing Allowance			\$10,000	\$10,000
	Survey Allowance			\$10,000	\$10,000
	Utility Connection Fees (ComEd Meter, Concept, Fees)			\$75,000	\$75,000
	Hazardous Material Survey Allowance			\$3,500	\$3,500
	Abatement Allowance			\$15,000	\$15,000
	Temporary Living Trailer (12 Month Lease)			\$60,000	\$60,000
	Machinery Structure (Lease, Set-up + Buy Rate)			\$136,300	\$136,300
	Utility Hook-up to Temporary Sewer			\$20,895	\$20,895
	Utility Hook-up to Temporary Electric			\$3,000	\$3,000
	Utility Hook-up to Temporary Water			\$0	\$0
	FF&E Allowance	\$80,000	BY OWNER		\$80,000
	Park District Bin Storage			\$0	\$0
	Excavation			\$15,000	\$15,000
	Furnish and Install Concrete Blocks			\$50,000	\$50,000
	Concrete - 10' slab on grade with welded wire mesh and a spray liquid cure (1700 SF @ \$8.35)			\$47,315	\$47,315
	Fences and Gates			\$10,000	\$10,000
	TOTAL				\$953,153
CONSTRUCTION COSTS					
02010	Building Demolition Allowance			\$50,000	\$50,000
02290	Earthwork and Foundation Excavation (assumes grade @ 0 ft. - no grades provided yet)			\$267,815	\$267,815
02500	Asphalt Paving (770 SY @ \$32.50 / SY)			\$25,025	\$25,025
02510	Concrete Paving (1365 SF @ \$9.30 / SF)			\$105,078	\$105,078
02521	Curbing (945 LF @ \$22.30 / LF)			\$21,074	\$21,074
02522	Site Concrete (1336 SF @ \$8 / SF)			\$11,504	\$11,504
02580	Pavement Marking			\$3,000	\$3,000
02600	Site Utilities			\$116,105	\$116,105
02630	Fences & Gates (Trash Enclosure, Generator and Property Line)			\$15,000	\$15,000
02830	Construction Fence			\$2,500	\$2,500
02890	Landscaping			\$10,000	\$10,000
03300	Building Concrete			\$370,000	\$370,000
03410	Precast Panels (4100 SF @ 1.2' x 8' x 8')			\$68,380	\$68,380
04100	Masonry - Building			\$460,417	\$460,417
04100	Masonry - Monument Sign			\$12,000	\$12,000
04100	Masonry - Trash Enclosure and Generator Enclosures			\$10,000	\$10,000
04100	Masonry - Patio Screen Wall (5' tall)			\$14,540	\$14,540
05400	Cold-Formed Metal Framing (Office / Residential) (4136 SF + 700 SF elevator shaft @ \$30.45 / SF)			\$98,896	\$98,896
05420	Metal Trusses (24' oc = \$7.50 / SF 48' oc = \$5.25 need structural metal deck) (assuming 11,500 SF)	\$86,250	\$55,000		\$141,250
05610	Structural Steel			\$136,000	\$136,000
05610	Metal Stairs			\$1,000	\$1,000
05611	Galvanized Open Grate Stairs Ladder (Mezzanine)			\$0	\$0
05612	Pipe Bolters			\$0	\$0
05613	Elevator Hoist Beam			\$0	\$0
05614	Lintels			\$0	\$0
05620	Handrails & Railings			\$0	\$0
06100	Rough Carpentry (3M' Fire Treated Roof Sheathing, Wood Blockings) (12,494 SF @ \$3.75)			\$46,977	\$46,977
06400	Architectural Woodwork			\$72,000	\$72,000
07100	Waterproofing (Spray On w/ Protection Membrane and Insulation @ Basement) (278 LF x 9' = 2502 SF @ \$1.75)			\$4,379	\$4,379
07150	Air Barrier (Spray On @ CMU and Shingles, 7,600 SF @ \$5.75)			\$43,510	\$43,510
07200	Rigid Insulation at Entry (2,600 SF @ \$4.00)			\$10,400	\$10,400
07200	Insulation (18' Batt Insulation w/ Continuous FR Vapor Barrier at Underside of Trusses) (984 SF @ \$1.75)			\$1,722	\$1,722
07200	Insulation (1' Spray Foam @ Cold-Formed Beaming Walls) (4136 SF @ \$1.75)			\$7,238	\$7,238
07310	Roofing (30 Year Architectural Shingles over Continuous Ice and Water Shield)			\$120,000	\$120,000
07820	Aluminum Gutters, Downspouts, Soffits, Fascia, Sheet Metal Flashing & Trim			\$0	\$0
07920	Sealants			\$0	\$0
08100	Doors & Frames (20 Doors @ \$1750 per Door, Frame and Hardware) (install @ \$450)			\$44,100	\$44,100
08300	(1) Four-Fold Doors by Door Engineering (14' x 16')			\$116,275	\$116,275
08300	(2) Sectional Overhead Doors (100,000 cycle Raynor w/ (2) Sections Full Vision Lites) (14' x 14')			\$19,150	\$19,150
08400	Aluminum Sidelight			\$70,000	\$70,000
08420	Aluminum Clad Wood Windows, Awning, Fixed			\$0	\$0
08700	Hardware			\$0	\$0
08900	Glazing			\$0	\$0
09260	Gypsum Board Systems - Interior Partitions (3-5/8" studs, gyp both sides batts) (5775 SF @ \$9.35)			\$53,996	\$53,996
09260	Gypsum Board Systems - Interior Framing (hanging studs, gyp one side) (618 SF @ \$3.75)			\$23,175	\$23,175
09260	Gypsum Board Systems - Underside of Trusses (4552 SF @ \$7.15)			\$32,539	\$32,539
09280	Gypsum Board Systems - Ceilings (51 SF @ \$6.00)			\$306	\$306
09310	Ceramic Tile (3 Shower/Tilet Rooms & 1 Toilet Room (except at showers) 5' high, \$4.10 material allowance)			\$18,900	\$18,900
09510	Acoustical Ceilings (4136 SF)			\$28,345	\$28,345
09690	Carpet Tiles (Allowance: 3.38 / SF)			\$12,450	\$12,450
09690	Vinyl Base			\$2,825	\$2,825
09690	Rubber Flooring (1/2" Rubber Floor Tiles @ Exercise Room)			\$6,975	\$6,975
09690	Rubber Star Tracks w/ 6" Vinyl Base on Ramps & Rubber Tile at Landings			\$8,000	\$8,000
09700	Epoxy Flooring (Tremec Epoxy Quartz @ Apparatus Bay) (4874 SF @ \$8.20)			\$40,011	\$40,011
09700	Epoxy Flooring Cove Base (Tremec Epoxy Quartz 4' Cove) (588 LF @ \$15.95)			\$9,328	\$9,328
09700	Epoxy Flooring (Tremec Epoxy Fleck Flooring @ House Areas) (1219 SF @ \$8.20)			\$10,017	\$10,017
09840	Trim Panels (Underside of Trusses in Apparatus Bay) (4787 SF)			\$95,340	\$95,340
09970	Painting			\$45,000	\$45,000
09970	Custom Painted Vinyl Wall Covering (2) Accent Walls			\$3,000	\$3,000
10100	Marker Boards / Track Boards			BY OWNER / FF&E	\$0
10250	Flag Poles (1) 25' and (2) 20' (\$1500 x 3, \$1200 retail x 3)	\$4,500	\$3,600		\$8,100
10400	Interior Signage (takeform)			\$5,000	\$5,000
10400	Exterior Signage (Cast Aluminum Letters and Logo, LED Backlit, Channel Number @ Tower Plaque)			\$10,000	\$10,000
10450	Plastic Laminated Lockers			\$13,200	\$13,200
10500	Steel/Aluminum Lockers			\$0	\$0
10520	Fire Extinguisher Cabinets (Fire Extinguishers BY OWNER)			REMOVED AND REINSTALLED BY OWNER	\$0
10600	Steel Cage Storage Units in Basement (8' high)			\$100	\$100
10600	Toilet Accessories (Grab Bars, Shower Rods, Hooks, Mirrors)			BY OWNER / FF&E	\$0
11400	Residential Appliances			\$1,600	\$1,600
12500	Window Treatments			BY OWNER / FF&E	\$0
16000	Elevator			\$50,000	\$50,000
15300	Fire Protection (\$4.00 per SF - AFS #7) (14000 SF + 542 SF under Mezzanine)			\$58,408	\$58,408
15400	Fire Sprinkling			\$250,750	\$250,750
15500	HVAC: (\$23.35 per SF - AFS #7) (14000 SF)			\$328,301	\$328,301
16100	Electrical			\$505,000	\$505,000
16150	Generator			\$140,000	\$140,000
16720	Fire Alarm (Complete System)			BY OWNER / FF&E	\$0
16730	Security System (Conduit and Wiring Only, Cameras and Devices installed by VbTP)			BY OWNER / FF&E	\$0
16750	Low-Voltage (Conduit and Wiring Only, Devices installed by VbTP)			BY OWNER / FF&E	\$0
16800	Alerting System (Conduit and Wiring Only, Devices installed by VbTP)			BY OWNER / FF&E	\$0
16800	Alerting System (US Digital)			BY OWNER / FF&E	\$0
	Site Conditions				\$208,800
	Construction Cost				\$4,816,322
	Construction Managers Fee 3%				\$135,490
	General Conditions Fee 4.5%				\$203,234
	Insurance 1%				\$48,163
	Bond 1%				\$48,163
	5% Contingency				\$240,816
	Construction Total				\$5,171,688
	Soft Cost Total				\$953,153
	Project Total				\$6,124,841

ALTERNATE 5A - REMOVE DRIVE THROUGH BAYS			
DEDUCT	Concrete Paving (approx 5200 SF @ \$8.30)		-43,160
DEDUCT	Concrete Curbing (approx 200 LF @ \$22.30)		-4,460
ADD	Topsoil Spread (585 SY @ \$8)		\$4,680
ADD	Seed and Blanket (585 SY @ \$3)		\$1,755
DEDUCT	(2) 14' x 14' Overhead Doors		-\$19,150
DEDUCT	Electrical Associated w/ Overhead Doors		-\$1,000
ADD	Masonry - 392 SF 10" CMU @ \$22.50		\$8,820
ADD	Masonry - 392 SF Rigid Insulation @ \$4		\$1,568
ADD	Masonry - 392 SF Air Barrier @ \$5.75		\$2,254
ADD	Masonry - 308 SF Stone @ \$42.65		\$13,136
ADD	Masonry - 84 SF Brick @ \$25.50		\$2,142
		SUBTOTAL	-\$33,415
		Construction Managers Fee 3%	-\$1,002
		General Conditions Fee 4.5%	-\$1,504
		Insurance 1%	-\$334
		Bond 1%	-\$334
		5% Contingency	-\$1,671
		TOTAL	-\$38,260
ALTERNATE 5B - REMOVE PARK DISTRICT STORAGE BINS			
DEDUCT	Excavation		-\$15,000
DEDUCT	Furnish and Install Concrete Blocks		-\$50,000
DEDUCT	Concrete - 10" slab on grade with welded wire mesh and a spray liquid cure (5700 SF @ \$8.30)		-\$47,310
DEDUCT	Fences and Gates		-\$10,000
		SUBTOTAL	-\$122,310
		Construction Managers Fee 3%	\$0
		General Conditions Fee 4.5%	\$0
		Insurance 1%	\$0
		Bond 1%	\$0
		5% Contingency	\$0
		TOTAL	-\$122,310
TOTAL ALTERNATE 5A & 5B		DEDUCT	-\$160,570

ALTERNATE 6 - REMOVE BASEMENT (4010 SF)			
DEDUCT	Excavation		-38,492
DEDUCT	Concrete		-75,000
DEDUCT	Precast Planks (4100 SF 12")		-\$1,090
DEDUCT	Structural Steel (Columns and Beams Supporting Precast Planks)		-9,500
DEDUCT	Metal Stairs		-\$19,000
DEDUCT	Elevator Hoist Beam		-1,800
DEDUCT	Handrails and Railings		-4,100
DEDUCT	Waterproofing (Spray On w/ Protection Membrane and Insulation @ Basement) (278 LF x 9' = 2502 SF @ \$1.75)		-4,379
DEDUCT	(4) Doors, Frames & Hardware		-8,824
DEDUCT	Rubber Stair Treads w/ 6" Vinyl Base on Risers & Rubber Tile at Landings		-8,000
DEDUCT	Elevator		-\$50,000
DEDUCT	Fire Protection (\$4.00 per SF - AFS #7) (4010 SF)		-16,040
DEDUCT	Plumbing		-25,750
DEDUCT	HVAC (\$23.35 per SF - AFS #7) (4010 SF)		-\$93,634
DEDUCT	Electric		-25,000
		SUBTOTAL	-\$430,609 (\$107 / SF)
		Construction Managers Fee 3%	-\$12,918
		General Conditions Fee 4.5%	-\$19,377
		Insurance 1%	-\$4,306
		Bond 1%	-\$4,306
		5% Contingency	-\$21,530
TOTAL		DEDUCT	-\$483,047

ALTERNATE 7 - REMOVE TEMPORARY STRUCTURES			
DEDUCT	Temporary Living Trailer (12 Month Lease)		-\$60,000
DEDUCT	Mahaffey Structure (Lease, Set-up + Bury Rate)		-\$136,300
DEDUCT	Utility Hook-up to Temporary Sewer		-\$20,895
DEDUCT	Utility Hook-up to Temporary Electric		-\$3,000
	Utility Hook-up to Temporary Water	BY OWNER	
		SUBTOTAL	-\$220,195
		Construction Managers Fee 3%	\$0
		General Conditions Fee 4.5%	\$0
		Insurance 1%	\$0
		Bond 1%	\$0
		5% Contingency	\$0
TOTAL		DEDUCT	-\$220,195

Attachment 2



Interoffice Memo

Order/Memo #18-

Date: October 9, 2018

To: Dave Niemeyer

From: Forest Reeder

Re: Station 47 Construction Project Update

Dave;

To bring you and the Committee of the Whole an update on the project status of our Station 47 replacement project, I offer the following information:

We remain in the concept phase of the project as we refine the initial design proposal prepared by our team. Initial budget estimates and alternatives for price reduction have been identified as we continue to move towards a GMP.

1. The Board passed Resolution 2018-R-075 authorizing Christopher Burke Engineering to perform professional civil engineering services for the VOTP for this project on September 18, 2018.
2. The parking lot portion of the project was placed out for bids and we received 17 total bids for the 4 packages. The competitive responses to the bid package were opened on September 27. This item is ready for Board consideration on the agenda for the October 16th meeting.
 - a. If bids are accepted this evening, construction could start very quickly and be completed by the middle to late November. This will allow for late winter/early spring demolition and construction at the earliest possible point next year.
3. Further decisions are needed from the COW/Board on final budget figures so that the team can move into the design phase of the project. This project has had an estimated cost of \$5,000,000 which was based on market figures and a facility needs assessment that are now over 4 years old. Our design team has developed an updated vision and plan for the current and future needs of the Department.
 - a. Preliminary budget estimate was \$5,900,000.
 - b. The committee has already removed concept items for bi-fold apparatus floor doors and removes the purchase and lease of temporary structures designed to house apparatus and manpower on site during the construction totaling approximately \$310,000.
 - c. Current estimate is approximately \$5.6 million.

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4. 5 alternates in the concept phase need consideration and I have provided a brief summary of the impact that elimination of the feature will have on the project and our operations:
- a. Remove "lean-to" breathing apparatus and protective clothing work areas.
 - i. -\$90,107
 1. This would result in protective clothing lockers being moved to apparatus floor reducing work space and potentially exposing gear to toxins. SCBA work room, protective clothing work room and storage would need to be relocated to basement or other area in apparatus floor.
 - b. Remove 1 apparatus bay (½ length bay removed leaving 2 full length bays)
 - i. -\$256,015
 1. Space use would be duplicated to existing station in which 1 bay is dedicated to Engine and support vehicle and second bay is dedicated to ambulance and reserve apparatus. Drive-through capabilities are probably eliminated and we have no opportunity for growth and service expansion capabilities.
 2. HVAC and other station support equipment would have to be relocated to the basement or other areas.
 - c. Bunk room reduction from 7 dedicated cubicles to 6 and reduces shower/changing areas from 3 to 2.
 - i. -\$269,391
 1. Limits growth and surge staffing capabilities. Ability for shower, changing and privacy of personnel is compromised.
 - d. Remove drive through bays and park district storage bins
 - i. -\$38,260 (bay removal)
 1. Eliminates ability to drive-through bay upon re-entry and reduces ability for apparatus checks and training activities to occur on outside footprint of the station.
 - ii. -\$122,310 (storage bins and access point)
 1. Drive through bay will require easement or IGA with the Park District and preliminary discussions yielded this request in consideration for this action. Unsure of impact of eliminating this alternate alone.
 - e. Remove basement
 - i. -\$493,047
 1. Fire Department storage is already at a premium, this eliminates future ability for build-out of secured storage, records management and station supplies.

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5. If all alternatives mentioned here are eliminated, the total amount of reductions is \$1,300,255.

ALTERNATE - REMOVE "LEAN TO" (SCBA UNIT, LAUNDRY, TURN OUT LOCKERS AREA)	-\$90,107
ALTERNATE - REMOVE (1) APPARATUS BAY	-\$256,015
ALTERNATE - BUNK ROOM REDUCTION	-\$269,391
ALTERNATE - REMOVE DRIVE THROUGH BAYS	-\$38,260
ALTERNATE - REMOVE PARK DISTRICT STORAGE BINS	-\$122,310
ALTERNATE - REMOVE BASEMENT (4010 SF)	-\$493,047
	TOTAL (\$-1,269,130.00)

Operationally, I recommend that all of these items remain in the scope of the project design as they allow us to meet our current and future service demands while providing the highest level of service to our community.

FFR/cf

attach. Const. Mgr Alternate Reduction List

cc: Pat Carr, Asst. Village Manager
John Urbanski, Asst. Public Works Director

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Attachment 1

R.C. Wegman Construction Company
Tinley Park Fire Station #47
 Preliminary SD Budget - September 6, 2018

	DESCRIPTION	MATERIAL	LABOR	SUBCONTRACT	TOTAL	
SOFT COSTS						
	A/E Selection Process			\$7,968	\$7,968	
	Design Pre-Condition Phase			\$21,180	\$21,180	
	Post-Construction Closeout			\$4,800	\$4,800	
	Architectural Fee			\$270,000	\$270,000	
	Civil Engineering Fee			\$82,000	\$82,000	
	Tinley Park Permit Fees			\$0	\$0	
	Sanitary Fees- MWRD			\$0	\$0	
	Tinley Park Engineering Review			\$30,000	\$30,000	
	Communication Engineer Consultant			\$4,000	\$4,000	
	Geotechnical Testing			\$2,000	\$2,000	
	CCOD Sampling and Testing			\$10,000	\$10,000	
	Testing Allowance			\$10,000	\$10,000	
	Survey Allowance			\$10,000	\$10,000	
	Utility Connection Fees (ComEd, Ncor, Comcast, Fiber)			\$75,000	\$75,000	
	Hazardous Material Survey Allowance			\$3,500	\$3,500	
	Abatement Allowance			\$15,000	\$15,000	
	Temporary Living Trailer (12 Month Lease)			\$0	\$0	
	Mohaffey Structure (Lease, Set-up + Bury Rate)	ALTERNATE #7 SELECTED		\$0	\$0	\$6,400 per month, \$34,500 Delivery + Install. Buyout-\$25,000
	Utility Hook-up to Temporary Sewer	ALTERNATE #7 SELECTED		\$0	\$0	
	Utility Hook-up to Temporary Electric	ALTERNATE #7 SELECTED		\$0	\$0	
	Utility Hook-up to Temporary Water	ALTERNATE #7 SELECTED		\$0	\$0	
	FFM Allowance	\$40,000			\$40,000	
	Park District Bus Storage			\$15,000	\$15,000	
	Furnish and Install Concrete Blocks			\$90,000	\$90,000	
	Concrete - 10' slab on grade with welded wire mesh and a spray liquid cure (5700 SF @ \$6.30)			\$47,310	\$47,310	
	Fences and Gates			\$10,000	\$10,000	
	TOTAL				\$737,968	
CONSTRUCTION COSTS						
02010	Building Demolition Allowance			\$50,000	\$50,000	
02050	Earthwork and Foundation Excavation (assumes grade is flat - no grades provided yet)			\$297,915	\$297,915	Kane County Excavating 257915
02500	Asphalt Paving (770 SY @ \$32.50 / SY)			\$25,025	\$25,025	Abbey Paving 2960
02510	Concrete Paving (12000 SF @ \$8.30 / SF)			\$100,078	\$100,078	Abbey Paving 830
02520	Curbing (945 LF @ \$22.30 / LF)			\$21,074	\$21,074	Abbey Paving 2230
02530	Site Concrete (1938 SF @ \$8 / SF)			\$15,504	\$15,504	Abbey Paving 8
02590	Mass Retention Walling			\$3,000	\$3,000	Abbey Paving 3000
02600	Site Utilities			\$116,105	\$116,105	
02830	Fences & Gates @ (Trash Enclosure, Generator and Property Line)			\$15,000	\$15,000	
02830	Construction Fence			\$2,500	\$2,500	
02900	Landscaping			\$90,000	\$90,000	Twin Oaks 90000
03000	Building Concrete			\$175,000	\$175,000	Abbey Paving 37000
04100	Finished Floors (4100 SF 12" 505 SF 8")			\$58,360	\$58,360	Stresscore 58360
04100	Masonry - Building			\$46,417	\$46,417	Midwest Masonry 460417
04100	Masonry - Monument Sign			\$12,000	\$12,000	Midwest Masonry 12000
04100	Masonry - Trash Enclosure and Generator Enclosures			\$10,000	\$10,000	Midwest Masonry 10000
04100	Masonry - Patio Screen Wall (5' tall)			\$14,840	\$14,840	Midwest Masonry 31394
04400	Cold-Formed Metal Framing @ (Office / Residential) (4136 SF + 700 SF elevator shaft @ \$20.45 / SF)			\$84,896	\$84,896	Doherty 2045
05450	Metal Trusses (2x6 oc + 3' 57 SF 48" oc + \$5.25 need structural metal deck) (assuming 11,500 SF)	\$48,250	\$55,000		\$103,250	Cascade Manufacturing 86250, Osman 50000
05510	Structural Steel			\$105,000	\$105,000	McKinney Steel 105000
05510	Metal Stairs	INCL w/ 05510		\$0	\$0	
05510	Galvanized Open Grate Stairs Ladder @ Mezzanine	INCL w/ 05510		\$0	\$0	
05510	Page Bolts	INCL w/ 05510		\$0	\$0	
05510	Elevator Hoist Beam	INCL w/ 05510		\$0	\$0	
05510	Limits	INCL w/ 05510		\$0	\$0	
05520	Handrails & Railing	INCL w/ 05510		\$0	\$0	
05610	Rough Carpentry 2x4 Fire Treated Roof Sheathing, Wood Blocking (12,484 SF @ \$3.76)			\$46,977	\$46,977	Osman 376
05620	Architectural Woodwork			\$72,000	\$72,000	
07100	Waterproofing (Spray On w/ Protection Membrane and Insulation @ Basement) (216 LF x 9' = 2502 SF @ \$1.75)			\$4,379	\$4,379	
07150	Air Barrier (Spray On @ CMU and Plywood, 7,800 SF @ \$5.75)			\$44,910	\$44,910	Midwest Masonry 575
07200	Rigid Insulation at Masonry (7,600 SF @ \$4.00)			\$30,400	\$30,400	Midwest Masonry 4
07200	Insulation (18" Batt Insulation w/ Continuous FSK Vapor Barrier at Underside of Trusses) (6094 SF @ \$1.75)			\$10,664	\$10,664	Osman 175
07200	Insulation (1" Spray Foam @ Cold-Formed Beaming Walls) (4136 SF @ \$1.75)			\$7,238	\$7,238	Doherty 175
07310	Roofing (30 Year Architectural Shingles over Continuous Ice and Water Shield)			\$130,000	\$130,000	
07620	Aluminum Gutters, Downspouts, Soffit, Fascia, Sheet Metal Flashing & Trim	INCL w/ 07310		\$0	\$0	
07620	Sealants	INCL w/ Trades		\$0	\$0	
08100	Doors & Frames (20 Doors @ \$1750 per Door Frame and Hardware) (install @ \$450)		\$9,120		\$44,120	Osman 456 install
08360	Four Panel Doors by Design Engineering (14' x 16') (3) Sectional Overhead Doors w/ (2) Sections Full Vision Lite	ALTERNATE #1 SELECTED		\$34,725	\$34,725	House of Doors 116275
08360	Sectional Overhead Doors 100,000 cycle Raynor w/ (2) Sections Full Vision Lite (14' x 14')			\$70,000	\$70,000	House of Doors 19150
08400	Aluminum Storefront			\$0	\$0	
08500	Aluminum Clad Wood Windows, Awning, Fixed	INCL w/ 08400		\$0	\$0	
08700	Hardware	INCL w/ 08100		\$0	\$0	
08800	Glazing	INCL w/ 08400		\$0	\$0	
09200	Gypsum Board Systems - Interior Partitions (3-5/8" studs, gyp both sides, hats) (1775 SF @ \$9.35)			\$53,963	\$53,963	Doherty 935
09200	Gypsum Board Systems - Interior Framing (furring studs, gyp one side) (818 SF @ \$3.75)			\$2,318	\$2,318	Doherty 375
09200	Gypsum Board Systems - Underside of Trusses (4562 SF @ \$7.10)			\$32,406	\$32,406	Doherty 710
09200	Gypsum Board Systems - Ceilings (51 SF @ Showers @ \$5.00)			\$255	\$255	Doherty 6
09310	Carimate Tile (3 Shower/Tilet Rooms & 1 Toilet Room (incept at showers) 5' high, \$4.10 material allowance)			\$18,950	\$18,950	Douglas Flooring 18950
09510	Acoustical Ceilings (4136 SF)			\$28,945	\$28,945	Just Rite 576F
09600	Carpet Tiles (Allowance) (\$36 / SY)			\$12,450	\$12,450	Douglas Flooring 12450
09600	Vinyl Base			\$2,825	\$2,825	Douglas Flooring 2825
09600	Rubber Flooring (1/2" Rubber Floor Tiles @ Entrance Room)			\$6,975	\$6,975	Douglas Flooring 6975
09600	Rubber Star Tiles w/ 6" Vinyl Base on Risers & Rubber Tile at Landings			\$8,000	\$8,000	Douglas Flooring 8000
09700	Finley Flooring (Frame Epoxy Quartz @ Apparatus Bay) (6874 SF @ \$4.88)			\$44,711	\$44,711	CCI 40211
09700	Finley Flooring Cove Base (Frame Epoxy Quartz 4' Cove) (265 LF @ \$15.95)			\$4,238	\$4,238	CCI 9028
09710	Finley Flooring (Frame Epoxy Fleck Flooring @ House Areas) (1219 SF @ \$6.25)			\$7,619	\$7,619	CCI 10057
09840	Form Panels @ Underside of Trusses in Apparatus Bay (4767 SF)			\$95,340	\$95,340	Just Rite \$20 / SF
09900	Painting			\$45,000	\$45,000	Nedrow 45000
09950	Custom Printed Vinyl Wall Covering @ (2) Accent Walls			\$3,000	\$3,000	
10100	Marble Boards / Tack Boards		BY OWNER / FF&E		\$0	
10360	Play Tables (1' 25" and 2' 20" (81500 x 3) \$1200 install x 3)	\$4,500	\$3,600		\$8,100	Osman 1200 install
10400	Interior Signs (Takeform)			\$5,000	\$5,000	
10400	Exterior Signs (Cast Aluminum Letters and Logo, LED Backlit, Channel Number @ Tower, Plaques)			\$10,000	\$10,000	
10450	Plastic Laminate Lockers	\$10,000	\$3,200		\$13,200	
10500	Gear/Line Turned Lockers	REMOVED AND REINSTALLED BY OWNER		\$0	\$0	GndGear 8683
10520	Fire Extinguisher Cabinets (Fire Extinguishers BY OWNER)	\$300	\$400		\$700	
10600	Steel Cage Storage Units in Basement (8' high)		BY OWNER / FF&E		\$0	
10600	Total Accessories (Grab Bars, Shower Rods, Hooks, Mirrors)	\$3,500	\$1,600		\$5,100	Acorn Wire 18025
11400	Residential Appliances		BY OWNER / FF&E		\$0	
11600	Window Treatments		BY OWNER / FF&E		\$0	
14200	Elevator			\$50,000	\$50,000	
15300	Fire Protection (\$4.00 per SF - AFS #7) (14060 SF + 542 SF under Mezzanine)			\$58,408	\$58,408	
15400	Plumbing			\$250,750	\$250,750	Stanton 225000 + 25750 for Basement
15500	HVAC (3-2) 36 per SF - AFS #7) (14060 SF)			\$328,301	\$328,301	J Hamilton 480000 + 25000 for Basement
15900	Electrical			\$408,000	\$408,000	J Hamilton 140000
15900	Generator			\$140,000	\$140,000	
16720	Fire Alarm (Complete System)	INCL w/ 16100		\$0	\$0	
16730	Security System (Conduit and Wiring Only, Cameras and Devices Installed by V/T/P)	INCL w/ 16100		\$0	\$0	
16750	Low-Voltage (Conduit and Wiring Only, Devices Installed by V/T/P)	INCL w/ 16100		\$0	\$0	
16800	Alerting System (Conduit and Wiring Only, Devices Installed by US Digital)	INCL w/ 16100		\$0	\$0	
16800	Alerting System (US Digital)		BY OWNER / FF&E		\$0	
	Site Conditions				\$208,800	
	Construction Cost				\$4,434,772	
	Construction Managers Fee 3%				\$133,043	
	General Conditions Fee 4.5%				\$199,565	
	Insurance 1%				\$44,348	
	Bond 1%				\$44,348	
	5% Contingency				\$221,736	
	Construction Total				\$5,077,814	
	Soft Cost Total				\$737,958	
	Project Total				\$5,815,772	

ALTERNATE 1 - OVERHEAD DOORS (2 SECTIONS FULL VISION LITE DOORS IN LIEU OF FOUR-FOLD DOORS)			
DEDUCT	(3) Four-Fold Doors by Door Engineering (14' x 16')	-116,275	-116,275
ADD	(3) Sectional Overhead Doors (100,000 cycle Raynor w/ (2) Sections Full Vision Lites) (14' x 16')	\$34,725	\$34,725
		SUBTOTAL	-\$81,550
		Construction Managers Fee 3%	-\$2,447
		General Conditions Fee 4.5%	-\$3,870
		Insurance 1%	-\$818
		Bond 1%	-\$818
		5% Contingency	-\$4,078
TOTAL (ALTERNATE #1 HAS BEEN SELECTED AND IS INCLUDED IN BASE BID)		DEDUCT	-\$93,376

ALTERNATE 2 - REMOVE "LEAN TO" (SCBA UNIT, LAUNDRY, TURN OUT LOCKERS AREA)			
DEDUCT	Disciplines utilized in figuring square footage pricing for this first floor area: Building Concrete 295000, Masonry 460417, Metal Trusses 141250, Roof Sheathing 46977, Air Barrier 43510, Rigid Insulation 30268, 18" Batt Insulation 17472, Roofing 120000, Epoxy Flooring 40211, Epoxy Cove Base 9028, Tectum Panels 95340, Painting 45000 = 1344473 / 10050 AF = \$134 / SF (494 SF Removed = -\$66196)	-66,196	-66,196
DEDUCT	Fire Protection (minimal piping and a couple of sprinkler heads)	-\$5,000	-\$5,000
DEDUCT	HVAC (minimal duct work and supply/returns)	-\$2,500	-\$2,500
DEDUCT	Electrical (minimal outlets and light fixtures)	-\$5,000	-\$5,000
		SUBTOTAL	-\$78,696
		Construction Managers Fee 3%	-\$2,361
		General Conditions Fee 4.5%	-\$3,541
		Insurance 1%	-\$787
		Bond 1%	-\$787
		5% Contingency	-\$3,935
TOTAL		DEDUCT	-\$90,107

ALTERNATE 3 - REMOVE (1) APPARATUS BAY			
DEDUCT	Disciplines utilized in figuring square footage pricing for this first floor area: Building Concrete 295000, Metal Trusses 141250, Roof Sheathing 46977, 18" Batt Insulation 17472, Roofing 120000, Epoxy Flooring 40211, Epoxy Cove Base 9028, Tectum Panels 95340, Painting 45000, Plumbing 250750, HVAC 328301 = 1389329 / 10050 SF = \$138 / SF (1288 SF Removed = -\$177744)	-177,744	-177,744
DEDUCT	(2) Curved Structural Steel Lintels @ Overhead Doors	-\$12,000	-\$12,000
DEDUCT	(8) Bollards	-\$2,700	-\$2,700
DEDUCT	Overhead Doors: (1) Four-Fold Door, (1) Sectional w/ (2) Sections Full Vision Lites	-\$21,150	-\$21,150
DEDUCT	Fire Protection (minimal piping and a couple of sprinkler heads)	-\$5,000	-\$5,000
DEDUCT	Electrical (light fixtures)	-\$5,000	-\$5,000
		SUBTOTAL	-\$223,894
		Construction Managers Fee 3%	-\$6,708
		General Conditions Fee 4.5%	-\$10,062
		Insurance 1%	-\$2,236
		Bond 1%	-\$2,236
		5% Contingency	-\$11,180
TOTAL		DEDUCT	-\$256,016

ALTERNATE 4 - BUNK ROOM REDUCTION			
DEDUCT	Disciplines utilized in figuring square footage pricing for this first floor area: Building Concrete 295000, Precast Planks 51090, Masonry 460417, Cold-Formed Metal Framing 98896, Metal Trusses 141250, Roof Sheathing 46977, Air Barrier 43510, Rigid Insulation 30268, 18" Batt Insulation 17472, Spray Foam Insulation 7238, Roofing 120000, Gypsum Board Partitions 53996, Gypsum Board Underside of Trusses 32390, Ceramic Tile 18950, Acoustical Ceilings 28945, Carpet Tiles 12450, Vinyl Base 2825, Epoxy Flooring 10057, Painting 45000, Toilet Accessories 5100, Fire Protection 58408, HVAC 328301, Electrical 480000 = 2388540 / 10050 = \$238 / SF (700 SF Removed Residential @ \$238 / SF = -\$166600)	-166,600	-166,600
DEDUCT	(6) 10 SF Removed Basement @ \$107 / SF = -\$65270)	-\$65,270	-\$65,270
DEDUCT	(1) Door, Frame & Hardware	-\$2,208	-\$2,208
DEDUCT	(1) Window	-\$1,200	-\$1,200
		SUBTOTAL	-\$235,278
		Construction Managers Fee 3%	-\$7,058
		General Conditions Fee 4.5%	-\$10,587
		Insurance 1%	-\$2,353
		Bond 1%	-\$2,353
		5% Contingency	-\$11,764
TOTAL		DEDUCT	-\$269,391

ALTERNATE 5A - REMOVE DRIVE THROUGH BAYS			
DEDUCT	Concrete Paving (approx. 5200 SF @ \$8.30)	-43,160	-\$43,160
DEDUCT	Concrete Curbing (approx 200 LF @ \$22.30)	-4,460	-\$4,460
ADD	Topsoil Spread (585 SY @ \$8)	\$4,680	\$4,680
ADD	Seed and Blanket (585 SY @ \$3)	\$1,755	\$1,755
DEDUCT	(2) 14' x 14' Overhead Doors	-\$19,150	-\$19,150
DEDUCT	Electrical Associated w/ Overhead Doors	-\$1,000	-\$1,000
ADD	Masonry - 392 SF 10" CMU @ \$22.50	\$8,820	\$8,820
ADD	Masonry - 392 SF Rigid Insulation @ \$4	\$1,568	\$1,568
ADD	Masonry - 392 SF Air Barrier @ \$5.75	\$2,254	\$2,254
ADD	Masonry - 308 SF Stone @ \$42.65	\$13,138	\$13,138
ADD	Masonry - 84 SF Brck @ \$25.50	\$2,142	\$2,142
		SUBTOTAL	-\$33,415
		Construction Managers Fee 3%	-\$1,002
		General Conditions Fee 4.5%	-\$1,504
		Insurance 1%	-\$334
		Bond 1%	-\$334
		5% Contingency	-\$1,671
		TOTAL	-\$38,260
ALTERNATE 6B - REMOVE PARK DISTRICT STORAGE BINS			
DEDUCT	Excavation	-\$15,000	-\$15,000
DEDUCT	Furnish and Install Concrete Blocks	-\$50,000	-\$50,000
DEDUCT	Concrete - 10" slab on grade with welded wire mesh and a spray liquid cure (5700 SF @ \$8.30)	-\$47,310	-\$47,310
DEDUCT	Fences and Gates	-\$10,000	-\$10,000
		SUBTOTAL	-\$122,310
		Construction Managers Fee 3%	\$0
		General Conditions Fee 4.5%	\$0
		Insurance 1%	\$0
		Bond 1%	\$0
		5% Contingency	\$0
		TOTAL	-\$122,310
TOTAL ALTERNATE 5A & 5B		DEDUCT	-\$160,570

ALTERNATE 6 - REMOVE BASEMENT (4010 SF)			
DEDUCT	Excavation	-38,492	-\$38,492
DEDUCT	Concrete	-75,000	-\$75,000
DEDUCT	Precast Planks (4100 SF 12")	-51,090	-\$51,090
DEDUCT	Structural Steel (Columns and Beams Supporting Precast Planks)	-9,500	-\$9,500
DEDUCT	Metal Stairs	-19,000	-\$19,000
DEDUCT	Elevator Hoist Beam	-1,800	-\$1,800
DEDUCT	Handrails and Railings	-4,100	-\$4,100
DEDUCT	Waterproofing (Spray On w/ Protection Membrane and Insulation @ Basement) (278 LF x 9" = 2502 SF @ \$1.75)	-4,379	-\$4,379
DEDUCT	(4) Doors, Frames & Hardware	-8,824	-\$8,824
DEDUCT	Rubber Stair Treads w/ 6" Vinyl Base on Risers & Rubber Tile at Landings	-8,000	-\$8,000
DEDUCT	Elevator	-50,000	-\$50,000
DEDUCT	Fire Protection (\$4.00 per SF - AFS #7) (4010 SF)	-16,040	-\$16,040
DEDUCT	Plumbing	-25,750	-\$25,750
DEDUCT	HVAC (\$23.35 per SF - AFS #7) (4010 SF)	-93,634	-\$93,634
DEDUCT	Electric	-25,000	-\$25,000
		SUBTOTAL	-\$430,609 (\$107 / SF)
		Construction Managers Fee 3%	-\$12,918
		General Conditions Fee 4.5%	-\$19,377
		Insurance 1%	-\$4,308
		Bond 1%	-\$4,308
		5% Contingency	-\$21,530
TOTAL		DEDUCT	-\$493,047

ALTERNATE 7 - REMOVE TEMPORARY STRUCTURES			
DEDUCT	Temporary Living Trailer (12 Month Lease)	-\$60,000	-\$60,000
DEDUCT	Mahaffey Structure (Lease, Set-up + Buy Rate)	-\$136,300	-\$136,300
DEDUCT	Utility Hook-up to Temporary Sewer	-\$20,895	-\$20,895
DEDUCT	Utility Hook-up to Temporary Electric	-\$3,000	-\$3,000
	Utility Hook-up to Temporary Water	BY OWNER	
		SUBTOTAL	-\$220,195
		Construction Managers Fee 3%	\$0
		General Conditions Fee 4.5%	\$0
		Insurance 1%	\$0
		Bond 1%	\$0
		5% Contingency	\$0
TOTAL [ALTERNATE #7 HAS BEEN SELECTED AND IS INCLUDED IN BASE BID]		DEDUCT	-\$220,195



Interoffice Memo

Date: October 4, 2018

To: Committee of the Whole
David Niemeyer, Village Manager

From: John Urbanski, Assistant Public Works Director

Re: Fire Station #47 Phase 1, Parking Lot Bid Award Request

Presented for October 16th, 2018 Village Board discussion and possible action:

Description

Public Works requests consideration and possible action by the Village Board to award the bid and contract work as set forth in the bid documents established by R.C Wegman as the Construction Manager of the Fire Station Reconstruction Project. The project SOW was broken down based on trades offering the services per a typical construction manager fashioned contract.

Background

It was determined by the Fire Station Construction Committee that to allow for a progressive approach to the construction of the station while designing and determining final facility scope, bidding the proposed parking lot for available site access during construction would be advantageous to bid as the first phase of the project. Seventeen (17) bids were received (see attached) are considered as competitive numbers for the four individual bid packages. Also attached, is the typical outline of a schedule of values breakout sheet showing the Guaranteed Maximum Price (GMP) of the Phase 1 – Parking Lot project. Please note the alternates, 1 and 2 are based on the utilities that would be needed for a temporary structure and can be removed from the total cost if directed.

This construction contract was advertised in accordance with state bidding laws for each of the respective trades. Bids were opened and read publicly on Thursday, September 27th at 2:00 PM by the Facilities & Fleet Superintendent and Village Deputy Clerk and received as shown in attached bid tab. As a result of these bids, the apparent low bidders comprise the recommended Phase 1 Parking Lot GMP contract with R.C. Wegman as follows:

<u>Contractor</u>	<u>Scope</u>	<u>Bid</u>
Austin Tyler Construction	Excavation and site utilities	\$82,195.00
Pavement Systems	Asphalt Paving	\$27,894.00
Austin Tyler Construction	Concrete Curbs & Paving	\$35,368.00
Twin Oaks Landscaping	Landscaping	\$19,210.00

Recommendation

1. Approve the parking lot bid subcontractors as well as related costs for site conditions, construction manager's fee, general conditions fee, insurance, bond and contingency (as shown in **Attachment 1**) for the Phase 1 Parking Lot Installation in the amount of \$198,467.00. This is the total cost without utility installation alternates.
2. Direct Staff as necessary.

Attachments

1. R.C. Wegman Phase 1 GMP
2. Tabulation of Bids Spreadsheet
3. Drawings

Attachment 1

R.C. Wegman Construction Company

Tinley Park Fire Station #47

Phase 1 Parking Lot GMP - September 27, 2018

	DESCRIPTION	MATERIAL	LABOR	SUBCONTRACT	TOTAL
02A	Excavation and Site Utilities - Austin Tyler Construction			\$82,195	\$82,195
02B	Asphalt Paving - Pavement Systems			\$27,894	\$27,894
02C	Concrete Curbs and Paving - Austin Tyler Construction			\$35,368	\$35,368
02D	Landscaping - Twin Oaks Landscaping			\$19,210	\$19,210
	Site Conditions		\$8,667		\$8,667
	Construction Cost				\$173,334
	Construction Managers Fee 3%				\$5,200
	General Conditions Fee 4.5%				\$7,800
	Insurance 1%				\$1,733
	Bond 1%				\$1,733
	5% Contingency				\$8,667
	Base Bid Total				\$198,467
	Alternate 1 - Sewer Line				\$30,721
	Alternate 2 - Water Line				\$4,580
	Project Total With Alternates				\$229,189

	ALTERNATE 1 - Sewer Line				
ADD	02A - Excavation and Site Utilities		\$18,600		\$18,600
ADD	02B - Asphalt		\$4,331		\$4,331
ADD	02C - Curbs and Concrete		\$1,400		\$1,400
ADD	02D - Landscaping		\$100		\$100
	Site Conditions		2,400		\$2,400
			SUBTOTAL		\$26,831
	Construction Managers Fee 3%				\$805
	General Conditions Fee 4.5%				\$1,207
	Insurance 1%				\$268
	Bond 1%				\$268
	5% Contingency				\$1,342
	TOTAL			ADD	\$30,721

	ALTERNATE 2 - Water Line				
ADD	02A - Excavation and Site Utilities		\$4,000		\$4,000
	Site Conditions				\$0
			SUBTOTAL		\$4,000
	Construction Managers Fee 3%				\$120
	General Conditions Fee 4.5%				\$180
	Insurance 1%				\$40
	Bond 1%				\$40
	5% Contingency				\$200
	TOTAL			ADD	\$4,580

Attachment 2



**R.C. WEGMAN
CONSTRUCTION COMPANY**

**VILLAGE OF TINLEY PARK FIRE STATION 47 - PHASE 1 PARKING LOT
BID OPENING RESULTS - THURSDAY, SEPTEMBER 27, 2018, 2:00 PM**

BID PACKAGE 02A: EXCAVATION AND SITE UTILITIES

CONTRACTOR BIDDERS NAME	BID SECURITY	BASE BID	ALTERNATE #1	ALTERNATE #2
Austin Tyler Construction	X	\$82,195	\$18,600	\$4,000
Bechstein Construction	X	\$92,495	\$33,650	\$8,100
Bisping Construction	X	\$93,129	\$49,490	\$18,098
H. Lunden & Sons	X	\$155,500	\$42,200	\$18,000

BID PACKAGE 02B: ASPHALT PAVING

CONTRACTOR BIDDERS NAME	BID SECURITY	BASE BID	ALTERNATE #1	ALTERNATE #2
Pavement Systems	X	\$27,894	\$4,331	
McGill Construction	X	\$27,900	no bid	
Matthew Paving	X	\$29,925	\$3,475	
J&R 1st in Asphalt	X	\$31,455	\$8,045	
Abbey Paving	X	\$32,815	\$10,500	
Austin Tyler Construction	X	\$38,168	\$8,142	
Briggs Paving	X	\$38,631	\$8,059	

BID PACKAGE 02C: CONCRETE CURBS AND PAVING

CONTRACTOR BIDDERS NAME	BID SECURITY	BASE BID	ALTERNATE #1	ALTERNATE #2
Austin Tyler Construction	X	\$35,368	\$1,400	
Davis Concrete Construction	X	\$35,555	\$3,300	
Eagle Concrete	X	\$35,900	\$1,200	
Abbey Paving	X	\$36,070	\$3,000	
Montezao Concrete Construction	NONE	DID NOT READ	DID NOT READ	

Voluntary Alternate Provided:

Abbey Paving: "If Abbey is awarded both bid packages (02B & 02C) Deduct \$5,000 from the combined bid total."

BID PACKAGE 02D: LANDSCAPING

CONTRACTOR BIDDERS NAME	BID SECURITY	BASE BID	ALTERNATE #1	ALTERNATE #2
Twin Oaks Landscaping	X	\$19,710	\$100	



Interoffice Memo

Date: October 10, 2018
To: Village Board
From: Pat Carr, Assistant Village Manager/Director – EM and 911 Communications
Subject: Summit Hill SD 161 IGA for Radio Receiver Co-location

To enhance public safety radio communication in the southern area of the village limits, an additional receiver is required.

This area has coverage issues with portable radios utilized by village public safety departments. After surveying the area for an appropriate site, Walker School was selected after a coverage analysis was performed for its suitability and found acceptable. SD 161 currently maintains a communications tower at Walker School and is located in the village limits.

An Intergovernmental Agreement was drafted, reviewed and approved at the Summit Hill District board meeting on October 10th. There is no cost incurred for co-locating the equipment on the communication tower.

CCM

**INTERGOVERNMENTAL AGREEMENT
BY AND BETWEEN
THE BOARD OF EDUCATION OF SUMMIT HILL SCHOOL DISTRICT NO. 161 AND
THE VILLAGE OF TINLEY PARK**

THIS INTERGOVERNMENTAL AGREEMENT is made and entered into on the _____ day of _____, 2018, by and between the Board of Education of Summit Hill School District No. 161 (“Board”) and the Village of Tinley Park (“Village”) (collectively, the “Parties”).

WITNESSETH:

WHEREAS, the Village is a municipality, organized and existing under the laws of the State of Illinois; and

WHEREAS, the Board is a body politic and corporate, organized and existing under the laws of the State of Illinois, which operates Hilda Walker School (“Walker School”) within the Village’s jurisdiction; and

WHEREAS, both the Board and the Village are authorized and empowered to contract with one another pursuant to the provisions of the Constitution of the State of Illinois of 1970, Article VII, Section 10, and Section 3 of the *Intergovernmental Cooperation Act* (5 ILCS 220/3); and

WHEREAS, the Board and the Village agree that it is in the best interests of their respective constituents to install and operate a transceiver site system within Walker School, to improve Police, Fire and Public Safety communications in the area, pursuant to the terms and conditions contained herein. In exchange, the Village of Tinley Park will provide the first 10 alarm response calls per year at no charge to the District.

NOW THEREFORE, in consideration of the mutual promises, covenants, conditions, and other valuable consideration, the receipt and sufficiency whereof is herein acknowledged, the parties hereto agree as follows:

1. **Incorporation of Recitals**: The recitals set forth above are hereby incorporated into and made a part of this Agreement.

2. **Term and Termination**: This Agreement shall commence on the date of the last party to sign this Agreement and shall continue in effect until terminated as provided herein. The Board may terminate this Agreement for convenience at any time upon thirty (30) days written notice to the Village. In addition, this Agreement may be terminated by mutual written agreement of the Parties. Upon termination of this Agreement for any reason, if requested by the Board, the Village shall, at its sole cost, remove the transceiver systems and all related equipment from Walker School. If the Village does not remove the transceiver system and all related equipment within forty-five (45) days of receipt of a request from the Board, then the Board may, at its option, remove the transceiver system and all related equipment and return it to the Village along with a statement of cost and request for compensation for the removal.

3. **Installation:** The Village shall own the equipment and the Parties shall mutually agree upon the location of the equipment within Walker School.

4. **Maintenance and Repairs:** After the installation of the equipment the Village shall be responsible, at its sole expense, for conducting repairs and maintenance work to ensure the transceiver system remains in good working condition and for maintaining the equipment in accordance with any applicable manufacturer specifications.

5. **Access to Conduct Maintenance and Repairs:** The Board shall provide the Village, or its employees or agents, with reasonable access to the equipment for the purposes of conducting maintenance or repair activities in accordance with Paragraph 4 of this Agreement; provided, however, that the Village must notify the Principal of Walker School, or his/her designee, in advance of its need to access the equipment. Because the equipment will be located within a functioning school, the Village will make a good faith effort to schedule routine maintenance and repairs outside of school hours. In the event that the Village engages a third party to conduct maintenance or repairs of the equipment, the Board reserves the right to require that any individuals who will be on Board property during school hours submit to a criminal background check, at the Village's expense. The Village acknowledges that, if any such person is found to have been convicted of any offenses restricting his or her presence on school property under state or federal law, he/she shall be prohibited from performing any services hereunder.

6. **Mutual Indemnification:** The Board shall indemnify, defend and hold the Village and its officers, agents, and employees ("Village Indemnitees") harmless from any and all liabilities, losses, costs, demands, damages, actions or causes of action, including reasonable attorney's fees arising out of, proximately caused by or incurred by reason of any negligent acts or omissions of the Board and its employees related to this Agreement; subject, however, to any defenses or limitations of liability permitted under the *Local Governmental and Governmental Employees Tort Immunity Act (745 ILCS 10/1 et seq.)*, or otherwise provided by law.

The Village shall indemnify, defend and hold the Board, its individual Board members, agents, and employees ("Board Indemnitees") harmless of and from any and all liabilities, losses, costs, demands, damages, actions or causes of action, including reasonable attorneys' fees arising out of, proximately caused by or incurred by reason of any negligent acts or omissions of the Village and its agents, contractors, invitees, or employees related to this Agreement, or breach of this Agreement; subject, however, to any defenses or limitations of liability permitted under the *Local Governmental and Governmental Employees Tort Immunity Act (745 ILCS 10/1 et seq.)*, or otherwise provided by law.

7. **Insurance:** Each party shall keep in force at all times during the term of this Agreement, (i) commercial general liability insurance, on an occurrence basis, with limits of not less than One Million Dollars (\$1,000,000.00) per occurrence and Two Million Dollars (\$2,000,000.00) in the aggregate, (ii) worker's compensation insurance in the statutory amounts and employer's liability insurance with limits of at least \$500,000 each accident for bodily injury by accident and each employee for bodily injury by disease; (iii) umbrella or excess insurance in an amount of not less than Two Million Dollars (\$2,000,000.00) per occurrence and in the aggregate with the umbrella or excess insurance following the form of the underlying insurance in all respects; and (iv) commercial automobile liability insurance with limits of no less than One

Million Dollars (\$1,000,000.00) for bodily injury and property damage, on all vehicles owned or operated. Within seven (7) days of the last Party's execution of this Agreement, each Party shall furnish to the other a certificate of the insurance evidencing the insurance required under this Agreement. For purposes of this Paragraph, insurance may be provided through a self-insured intergovernmental risk pool or agency. With the sole exception of the worker's compensation insurance, each party shall name the other party's Indemnitees (as defined in Paragraph 7) as additional insureds on all insurance required hereunder on a primary and noncontributory basis.

8. **Compliance with Laws:** The Parties shall comply with all federal, state, county and municipal laws, rules and regulations that apply to the performance of each party's respective obligations under this Agreement

9. **Notices:** Any notices and communications required to be given under this Agreement shall be in writing and, except as otherwise expressly provided, shall be either (i) mailed by registered or certified mail, return receipt requested, postage prepaid, (ii) sent by a nationally recognized overnight delivery service, or (iii) personally delivered by hand against receipt therefor to the Parties at the address set forth below, or such other address as any party may designate to the others by notice hereunder. All such notices shall be deemed to have been received on the date of personal delivery, or, if sent by overnight delivery service or mailed, on date of deposit with such service.

To the Village: Village of Tinley Park
 16250 S. Oak Park Ave.
 Tinley Park, IL 60477
 Attn: Village Manager

To the Board: Summit Hills School District No. 161
 20100 S. Spruce Dr.
 Frankfort, Illinois 60423
 Attn: Assistant Superintendent for Business Services

10. **Complete Understanding:** This Agreement sets forth all the terms and conditions, and agreements and understandings between the Parties relative to the subject matter hereof. No modifications, amendments, or waiver of any provision hereto shall be valid and binding unless in writing and signed by all Parties.

11. **Third Party Beneficiaries:** This Agreement is solely between the Board and the Village. No other party, including any third party, either express or implied, may rely upon the terms and conditions hereof whatsoever.

12. **Binding Effect:** This Agreement shall be binding upon, apply and inure to the benefit of each Party and their respective legal representatives.

13. **Assignment:** Neither party may assign this Agreement without the prior written consent of the other party, which may be withheld in its sole discretion.

14. **Governing Law**: This Agreement and the rights and responsibilities of the parties hereto shall be interpreted and enforced in accordance with the laws of the State of Illinois, excluding its choice of law rules.

15. **Authority to Execute**: Each signatory hereto represents and warrants that he/she has the proper and necessary corporate authority to execute this Agreement and bind his/her entity to the terms and conditions of this Agreement.

16. **Waiver**: The failure of either party to demand strict performance of the terms and conditions of this Agreement on any one occasion shall not be deemed a waiver to demand strict performance on any future occasion.

SIGNATURE PAGE FOLLOWS

IN WITNESS WHEREOF, the Parties hereto have executed this Intergovernmental Agreement as of the day first above written.

VILLAGE OF TINLEY PARK

**BOARD OF EDUCATION OF
SUMMIT HILLS SCHOOL DISTRICT
NO. 161**

By: _____
Its: _____
Date: _____

By: _____
Its: President
Date: _____

ATTEST:

ATTEST:

By: _____
Its: _____
Date: _____

By: _____
Its: Secretary
Date: _____

SCOPE OF EQUIPMENT IMPLEMENTATION

- A. Install antennas, feedlines and microwave dish on existing communications tower
 - B. Remove existing antennas and lines no longer utilized by the District
 - C. Install transceiver equipment rack and equipment in the 2nd floor mechanical room adjacent to the tower
 - D. Perform structural analysis study to ensure tower loading compliance to national standards.
 - E. Create a plan and process with Summit Hills School District 161 “Board” and Walker School representatives for access to install equipment and to perform future maintenance.
-



Interoffice Memo

Date: October 2, 2018

To: John Urbanski, Assistant Public Works Director

From: Joe Fitzpatrick, Water Foreman

Subject: Post 1 (167th St.) Pump Station Improvements

Presented for October 16, 2018 Committee of the Whole discussion and action

Description: The current electrical Main Distribution Panel (MDP) at Post #1 (167th St. Water Plant) has experienced an increase in failures and is estimated to be 40 years old. After inspection by an electrical engineer, it has been determined that the system is beyond it's serviceable life and due for an overhaul/replacement. This work shall consist of removing and replacing the motor control center, SCADA System, electrical service from ComEd and any ancillary electrical work. Replace one of the four existing variable frequency drives and rewire all four with new wiring. In the project we will also update the existing, on site tornado siren.

Background: This service contract was advertised in accordance with state bidding laws; two (2) sealed bids were received by the deadline on Friday May 30, 2018, at 10:00 AM, and recorded by the Village Clerk's office for the above mentioned project. The bids results are as follows:

<u>Contractor:</u>	<u>Location</u>	<u>Bid as Calculated</u>
Airy's Inc.	Tinley Park, IL	\$1,097,731.00
Genco Industry	Crestwood, IL	\$1,152,880.00

Budget/ Finance: Funding in the amount of \$1,097,731.00 is available in approved FY18-19 Budget.

Staff Direction Request:

1. Approve the service contract for the Post #1 MDP Replacement Contract with Airy's Inc. of Tinley Park, IL in the amount of \$1,097,731.00
2. Direct Staff as necessary.

Attachments:

1. Bid tabulations
2. Break down of costs.

AM

Post 1 Improvements May 31 2018 10 am

Company Name	Location	Bid Bond/Check	Base Bid	Alt Bid (1)	Alt Bid (2)	Alt Bid (3)
Airy's Inc.	Tinley Park, IL	Bond	\$783,972	\$174,942	\$54,353	\$84,464
Genco Industry	Crestwood, IL	Bond	\$816,380	\$196,800	\$56,700	\$83,000



CHRISTOPHER B. BURKE, ENGINEERING, LTD.
9575 West Higgins Road, Suite 600
Rosemont, IL 60018

VILLAGE OF TINLEY PARK
POST 1 PUMP STATION IMPROVEMENTS
CBBEL PROJECT NO. 16-0373.0001
BASE BID
BIDS OPENED ON 5/31/18
REVISED 8/6/18

ITEM NUMBER	ITEM	UNIT	TOTAL QUANTITY	ENGINEER'S ESTIMATE		TOTAL COST	UNIT PRICE	REVISIONS	REVISIONS QUANTITY	REVISIONS UNIT	COMMENTS	TOTAL COST	UNIT PRICE	TOTAL COST
				UNIT PRICE	TOTAL COST									
02 41 5201	DEMOLITION OF EXISTING EQUIPMENT	L SUM	1	\$ 10,000.00	\$ 10,000.00	\$ 21,386.00	\$ 21,386.00		1	L SUM	NO COMMENTS	\$ 21,386.00	\$ 21,386.00	\$ 21,386.00
03 30 0001	PORTLAND CEMENT CONCRETE SIDEWALK, 6"	SQ FT	500	\$ 30.00	\$ 15,000.00	\$ 12.00	\$ 6,000.00		500	SQ FT	NO COMMENTS	\$ 12.00	\$ 6,000.00	\$ 6,000.00
03 30 0002	BOLLARD WITH HOPE COVER	EACH	4	\$ 1,823.00	\$ 7,292.00	\$ 1,823.00	\$ 7,292.00		4	EACH	NO COMMENTS	\$ 1,823.00	\$ 7,292.00	\$ 7,292.00
03 41 0001	COMED TRANSFORMER PAD	L SUM	1	\$ 7,800.00	\$ 7,800.00	\$ 4,808.00	\$ 4,808.00		1	L SUM	NO COMMENTS	\$ 4,808.00	\$ 4,808.00	\$ 4,808.00
03 41 0002	COMED SPICE BOX	L SUM	1	\$ 8,000.00	\$ 8,000.00	\$ 2,671.00	\$ 2,671.00		1	L SUM	NO COMMENTS	\$ 2,671.00	\$ 2,671.00	\$ 2,671.00
26 05 1901	LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES	L SUM	1	\$ 40,000.00	\$ 40,000.00	\$ 42,703.00	\$ 42,703.00		1	L SUM	NO COMMENTS	\$ 42,703.00	\$ 42,703.00	\$ 42,703.00
26 05 3301	RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS	L SUM	1	\$ 40,000.00	\$ 40,000.00	\$ 10,653.00	\$ 10,653.00		1	L SUM	NO COMMENTS	\$ 10,653.00	\$ 10,653.00	\$ 10,653.00
26 05 3302	CONDUIT FOR PRIMARY ELECTRICAL SERVICE	FT	500	\$ 104.00	\$ 52,000.00	\$ 104.00	\$ 52,000.00		205	FT	NO COMMENTS	\$ 254.00	\$ 52,070.00	\$ 52,070.00
26 24 1901	MOTOR CONTROL CENTER	L SUM	1	\$ 225,000.00	\$ 225,000.00	\$ 344,032.00	\$ 344,032.00		1	L SUM	NO COMMENTS	\$ 344,032.00	\$ 344,032.00	\$ 344,032.00
26 27 0101	CT CABINET, SERVICE ENTRANCE SWITCH, AND METER FITTING	L SUM	1	\$ 50,000.00	\$ 50,000.00	\$ 46,570.00	\$ 46,570.00		1	L SUM	NO COMMENTS	\$ 46,570.00	\$ 46,570.00	\$ 46,570.00
26 29 2301	VARIABLE FREQUENCY DRIVE	EACH	1	\$ 40,000.00	\$ 40,000.00	\$ 35,361.00	\$ 35,361.00		1	EACH	NO COMMENTS	\$ 35,361.00	\$ 35,361.00	\$ 35,361.00
27 51 2501	SCADA SYSTEM PANEL - TINLEY PARK	L SUM	1	\$ 30,000.00	\$ 30,000.00	\$ 86,647.00	\$ 86,647.00		1	L SUM	NO COMMENTS	\$ 86,647.00	\$ 86,647.00	\$ 86,647.00
27 51 2502	SCADA SYSTEM PANEL - OAK LAWN	L SUM	1	\$ 30,000.00	\$ 30,000.00	\$ 3,815.00	\$ 3,815.00		1	L SUM	NO COMMENTS	\$ 3,815.00	\$ 3,815.00	\$ 3,815.00
32 82 1801	TOPSOIL AND SEEDING	L SUM	1	\$ 5,000.00	\$ 5,000.00	\$ 11,219.00	\$ 11,219.00		1	L SUM	NO COMMENTS	\$ 11,219.00	\$ 11,219.00	\$ 11,219.00
32 82 1802	EROSION CONTROL BLANKET	L SUM	1	\$ 2,000.00	\$ 2,000.00	\$ 534.00	\$ 534.00		1	L SUM	NO COMMENTS	\$ 534.00	\$ 534.00	\$ 534.00
	WARNING SIGN, COMPLETE	L SUM	1	\$ 15,000.00	\$ 15,000.00	\$ 58,667.00	\$ 58,667.00		1	L SUM	NO COMMENTS	\$ 58,667.00	\$ 58,667.00	\$ 58,667.00
	TEMPORARY ELECTRICAL CONNECTION OF TWO EXISTING PUMPS	L SUM	1	\$ 75,000.00	\$ 75,000.00	\$ 35,421.00	\$ 35,421.00		1	L SUM	NO COMMENTS	\$ 35,421.00	\$ 35,421.00	\$ 35,421.00
	BONDS AND INSURANCE	L SUM	1	\$ 25,860.00	\$ 25,860.00	\$ 14,181.00	\$ 14,181.00		1	L SUM	NO COMMENTS	\$ 14,181.00	\$ 14,181.00	\$ 14,181.00
	ALTERNATE 1	L SUM	1	\$ 250,000.00	\$ 250,000.00	\$ 174,842.00	\$ 174,842.00		1	L SUM	450 KW DIESEL STANDBY GENERATOR AND MTU	\$ 174,842.00	\$ 147,793.00	\$ 147,793.00
	ALTERNATE 2	L SUM	1	\$ 75,000.00	\$ 75,000.00	\$ 54,353.00	\$ 54,353.00		1	L SUM	ALTERNATE #2 MUST BE DONE IN CONJUNCTION WITH BASE BID	\$ 54,353.00	\$ 61,712.00	\$ 61,712.00
	ALTERNATE 3	EACH	3	\$ 40,000.00	\$ 120,000.00	\$ 84,464.00	\$ 84,464.00		1	L SUM	NEW WIRING TO THREE EXISTING VFD'S	\$ 84,464.00	\$ 13,206.00	\$ 13,206.00
	SUBTOTAL INCLUDING ALTERNATE 1			\$ 922,360.00	\$ 922,360.00	\$ 588,314.00	\$ 588,314.00					\$ 588,314.00	\$ 794,834.00	\$ 794,834.00
	SUBTOTAL INCLUDING ALTERNATE 2			\$ 747,360.00	\$ 747,360.00	\$ 339,226.00	\$ 339,226.00					\$ 339,226.00	\$ 706,752.00	\$ 706,752.00
	SUBTOTAL INCLUDING ALTERNATE 3			\$ 792,360.00	\$ 792,360.00	\$ 888,438.00	\$ 888,438.00					\$ 888,438.00	\$ 660,247.00	\$ 660,247.00
	SUBTOTAL OF ALTERNATES ONLY			\$ 445,000.00	\$ 445,000.00	\$ 313,789.00	\$ 313,789.00					\$ 313,789.00	\$ 222,711.00	\$ 222,711.00
	TOTAL BASE BID AND ALTERNATES =			\$ 1,117,360.00	\$ 1,117,360.00	\$ 1,097,731.00	\$ 1,097,731.00					\$ 1,097,731.00	\$ 865,752.00	\$ 865,752.00

RECEIVED 8/21/18 AIRY'S INC. 7486 DUVAN DR. TINLEY PARK, IL 60477

RECEIVED 8/6/18 AIRY'S INC. 7486 DUVAN DR. TINLEY PARK, IL 60477

UNWEIGHTED BELLS DENOTE CORRECTED CALCULATED TOTAL COST BASED ON SUBMITTED UNIT PRICES

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Scope of Work Changes July 6, 2018

VILLAGE OF TINLEY PARK Post 1 Pump Station Improvements SCHEDULE OF PRICES (Addendum No. 2)					
(FOR MORE INFORMATION REGARDING THESE ITEMS SEE PLANS AND SPECIFICATIONS)					
ITEM #	ITEM DESCRIPTION	QUANTITY	UNITS	BASE BID	COST
02 41 52/01	Demolition of Existing Equipment	1	LSUM	21,388.00	\$21,388.00
03 30 00/01	Portland Cement Concrete Sidewalk, 5"	500	SQ FT	12.00	\$6,000.00
03 30 00/02	Bollard with HDPE Cover	4	EACH	1,823.00	\$7,292.00
03 41 00/01	ComEd Transformer Pad	1	LSUM	4,808.00	\$4,808.00
03 41 00/02	ComEd Splice Box	1	LSUM	2,671.00	\$2,671.00
26 05 19/01	Low Voltage Electrical Power Conductors and Cables	1	LSUM	44,643.00	\$44,643.00
26 05 33/01	Raceways and Boxes for Electrical Systems	1	LSUM	10,653.00	\$10,653.00
26 05 33/02	Conduit for Primary Electrical Service	205	FT	254.00	\$52,070.00
26 24 19/01	Motor Control Center	1	LSUM	224,534.00	\$224,534.00
26 27 01/01	CT Cabinet, Service Entrance Switch and Meter Fitting	1	LSUM	24,833.00	\$24,833.00
26 29 23/01	Variable Frequency Drive	1	EACH	31,921.00	\$31,921.00
27 51 25/01	SCADA System Panel - Tinley Park	1	LSUM	94,436.00	\$94,436.00
27 51 25/02	SCADA System Panel - Oak Lawn	1	LSUM	3,141.00	\$3,141.00
32 92 19/01	Topsoil and Seeding	1	LSUM	11,219.00	\$11,219.00
32 92 19/02	Erosion Control Blanket	1	LSUM	534.00	\$534.00
	Warning Siren, Complete	1	LSUM	58,667.00	\$58,667.00
	Temporary Electrical Connection of Two Existing Pumps	1	LSUM	35,421.00	\$35,421.00
	Bonds and Insurance	1	LSUM	12,810.00	\$12,810.00
BIDDER'S TOTAL PROPOSAL FOR COMPLETING ALL OF THE ABOVE IMPROVEMENTS:					\$647,041.00

ALTERNATE BID

1. State the amount to be added to the Base Bid to furnish and install 450 kW diesel standby generator in enclosure as indicated in the Contract Documents. 450kW MTU Add to the Base Bid \$ 147,793.00
2. State the amount to be added to the Base Bid to furnish and install 1200 amp Automatic Transfer Switch as indicated in the Contract Documents. Add to the Base Bid \$ 61,712.00

Alternate #2 must be done in conjunction with base bid.

- New wiring to three existing VFD's.
3. State the amount to be added to the Base Bid to Install new wiring to three existing VFD's associated work as indicated in the Contract Documents. Add to the Base Bid \$ 13,206.00

CERTIFICATION

1. The Undersigned acknowledges receipt of:
a. The Project Manual for the above-referenced Project.
b. The Project Drawings for the above-referenced Project.
c. Addenda numbered 1, 2, and _____

**COMMENTS FROM
THE PUBLIC**

ADJOURNMENT