

A RESOLUTION OF THE TOWNSHIP OF NORTH BRUNSWICK AUTHORIZING A AGREEMENT WITH TURN-KEY TECHNOLOGIES, INC. TO FURNISH AND INSTALL CAT6 DATA LINES AT THE MUNICIPAL COMPLEX

WHEREAS, the Township of North Brunswick's Municipal Complex sustained severe water damage during Hurricane Ida in September of 2021; and

WHEREAS, in April of 2024, an audit of the data lines that had been damaged or removed as part of the demolition phase of the Municipal Complex identified more than 200 CAT6 data lines in need of replacement, terminating into the server rooms; and

WHEREAS, in May of 2024, pursuant to Resolution 173-5.24, the Township Council authorized Change Order No. 10 (BC-COR#12) with Brockwell & Carrington Contractors, Inc. in the amount of \$34,272.00 to supply and install 44 CAT6 data lines and related equipment necessary to reopen a portion of the Municipal Building in early July; and

WHEREAS, the remaining portions of the building still require cables to be run, terminated, and connected for the eventual complete reentry into the building by the conclusion of 2024; and

WHEREAS, the Township of North Brunswick is currently a member of the Educational Services Commission of New Jersey State approved Co-op #65MCESCCPS; and

WHEREAS, Turn-Key Technologies, Inc., 2400 Main Street, Ext. Suite 12, Sayreville, NJ 08872, is an approved vendor under Educational Services Commission of New Jersey Co-Op Bid #22/23-38 for Wireless Duress Monitoring Systems; and

WHEREAS, Turn-Key Technologies, Inc. under Bid #22/23-28 has provided a proposal to furnish and install the remaining CAT6 data lines and related equipment based on areas outlined within the scope of work, at a total cost of \$148,739.00.

NOW THEREFORE BE IT RESOLVED, that the Township Council of the Township of North Brunswick does hereby authorize the award of a contract with Turn-Key Technologies, Inc. for \$148,739.00 to furnish and install the remaining CAT6 data lines and related equipment.

BE IT FURTHER RESOLVED, that the Township Council of the Township of North Brunswick does hereby authorize the Mayor to execute and the Township Clerk to witness an agreement with Turn-Key Technologies, Inc. in accordance with the previously approved Educational Services Commission of New Jersey Co-Op Bid #22/23-38.

CERTIFICATION

I, Cavell Gallimore, Chief Financial Officer, hereby certify that \$148,739.00 is available for this purpose in the Renovations/Upgrades to Buildings Capital Account No. C-04-55-C20-210-701. Purchase Order #24-02592.

Cavell Gallimore
Chief Financial Officer

Justine Progebin
Business Administrator

Ronald Gordon, Esq.
Township Attorney
Approved as to legal form

RECORDED VOTE:

COUNCIL MEMBER	YES	NO	ABSTAIN	NOTES
HUTCHINSON				
GUADAGNINO				
ANDREWS				
DAVIS				
SOCIO				
MEHTA				
MAYOR WOMACK				

I hereby certify that the above Resolution was duly adopted by the Township Council of the Township of North Brunswick, County of Middlesex, at its meeting held on June 24, 2024.

Lisa Russo
Township Clerk



TURN-KEY TECHNOLOGIES



STRUCTURED CABLING PROPOSAL

ROBERT ELGART
Regional Sales Manager
610-896-2886
relgart@tti-wireless.com

2400 Main Street, EXT. Suite 12, Sayreville, New Jersey 08872 732-553-9100



TURN-KEY
TECHNOLOGIES

PROPOSAL



**TURN-KEY
TECHNOLOGIES**

CONTRACT #ESCNJ 22/23-38
Sales Contact Robert Elgart
Sales Phone 610-896-2886
Sales Email relgart@tti-wireless.com

Date 5/31/2024
Customer Township of North Brunswick
Contact Mike Grasso
Address Ridgewood Avenue
City, ST Zip North Brunswick, NJ 08902
Phone Kmckeown@hmschool.org
Email 732-247-0922 ext 237
Proposal Expires 6/30/2024

Turn-key Technologies, Inc.
2400 Main St Ext., Suite 12
Sayreville, NJ 08872

Part #	STRUCTURED CABLING	List Price	Extended List	Disc %	Unit Price	Qty	Extended Price	
CABLE	CAT 6e Cable run with termination and testing; no core drilling	\$875.00	\$175,000.00	29%	\$621.25	200	\$124,250.00	
CABLE	CAT 6e Cable run with termination and testing; no core drilling	\$575.00	\$11,500.00	13%	\$500.25	20	\$10,005.00	
FIBER	Fiber run up to 400 feet with termination and testing	\$4,000.00	\$4,000.00		\$4,000.00	1	\$4,000.00	
FIBER	Fiber additional 100 feet	\$1,000.00	\$1,000.00	15%	\$850.00	1	\$850.00	
TTI OPTICS	25G SFP28 LC LR 10km SMF	\$189.00	\$378.00		\$189.00	2	\$378.00	
LADDER	18' Ladder Tray Assembly	\$5,472.00	\$5,472.00		\$5,472.00	1	\$5,472.00	
RACK	42U Rack, installed	\$1,892.00	\$3,784.00		\$1,892.00	2	\$3,784.00	
Parts in yellow are not on ESCNJ							Sub-total	\$148,739.00

PROJECT TOTAL							
						GRAND TOTAL	\$148,739.00

SCOPE OF WORK							
ALL SERVICES IN THE BELOW SCOPE OF WORK TO BE PERFORMED BY TURN-KEY TECHNOLOGIES ENGINEERS. NO SUB-CONTRACTORS WILL BE USED.							
Install 200 dual CAT6 data drops (400 total cables) to predetermined locations throughout the Township Building and Police Department							
Install 20 CAT6 cables for AP's.							
Install 12 strand armored OS2 single mode fiber cables, as well as 42U, 2 post racks with double sided cable management inside MDF and Admin IDF.							
Install 18" ladder style cable tray in side MDF for cable routing							
Cable							
All cabling will be installed to EIA/TIA Category 6 specifications (TIA568-C.2) meeting local electrical and fire codes, including the use of fire/smoke stop around fire rated penetrations.							
All manufacturers' requirements will be met. Including, but not limited to, pulling of telecommunications cabling within hung ceiling, conduits and raceways, termination and pin testing of all data outlets.							
All copper will be terminated to the 568B pinout standard.							
All vertical cabling will be in-wall where possible or in appropriate surface mount raceway.							
Raceways, junction boxes, and fixtures will be anchored using fasteners, no adhesives will be utilized.							
Copper runs will not exceed 328' in total length, end to end.							
Machine generated labels will be attached at all cable termination points, including patch panels and face plates.							
Will provide spreadsheet detailing numbered data run to corresponding location at completion of project							
Will supply all tools required for work, including ladders, drills and carts.							
Cables will be complete runs from each IDF terminating inside the MDF							
Fiber							

Turn-key Technologies, Inc.
Price List
CONFIDENTIAL

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Will supply all tools required for work, including ladders, lifts, drills and carts.							
All fiber ends will be fusion spliced, and tested							
Customer Responsibility							
HMS to provide on-site, secure, reserved parking for duration of project for all TTI vehicles							
Rack space							
AC Power outlet for the equipment							
All current facility equipment configuration changes will be made by facility IT Department							
Customer is responsible for any and all local permits							
Power in closets							
EXCLUSIONS							
This proposal does not include any Network Equipment.							
This proposal does not include the configuration of any network equipment.							
This proposal does not include the installation of any devices.							
Power to be provided at rack, is the responsibility of the customer.							
TERMS AND CONDITIONS							
Payment Net 30 after delivery							
All quotes subject to TTI Terms of Sale							
Installation to occur during normal business hours unless otherwise specified							
There will be no returns on any equipment where the factory seal is broken.							
Freight: Prepay and Add							
Optics are not included with fiber runs							
TTI is not responsible for any permits							