

ADA Station Renewal - Forest Hills Station
Division of Labor
Bid Submission

	Work Element	Contractor		Force Account	
		Furnish	Install	Furnish	Install
STRUCTURAL/ARCHITECTURAL	Mark-outs of LIRR utilities			x	x
	Relocate car markers			x	x
	Door cores	x			x
	Construct retaining wall for signal hut replacement	x	x		
	Temporary fencing, protection, and MPT	x	x		
	Temporary supports	x	x		
	Demolish platforms	x	x		
	New platform substructure	x	x		
	New platform	x	x		
	Slope protection along the sides of platforms	x	x		
	Demolish and reconstruct stairs	x	x		
	Demolish and install new ramps	x	x		
	New canopy (including downspouts, gutter, and support steel)	x	x		
	Expansion joint	x	x		
	Excavation and reconstruction for elevators*	x	x		
	New elevator machine room (EMR) including the structure, insulation, cladding, roofing, floor drainage, door/hardware, and foundation.*	x	x		
	Tactile warning system	x	x		
	Rubbing board	x	x		
	Substructure repair for hammerhead piers (crack, spall, delamination, etc)	x	x		
	Waterproofing	x	x		
	Elevator framing*	x	x		
	Misc. site works demolition	x	x		
	Provide new salt boxes and shelters area to store platform access ramps	x	x		
	Replace missing roof tiles to match existing	x	x		
	Bathroom renovation for accessibility	x	x		
	Aluminum storefront system (at stairs and waiting rooms)	x	x		
	CMU partitions	x	x		
	CMU wall demolition	x	x		
	Doors, frames and hardware (including electric mortise locks)	x	x		
	Metal panel enclosure for conduit raceway	x	x		
	Stair guardrails	x	x		
	Ramp railings	x	x		
End of platform guardrail, gates and employee ladder	x	x			
New signage throughout station	x	x			
Elevator enclosures*	x	x			
Concrete/paving in plaza area (curb cuts/ADA tactile and walkways)	x	x			
MECHANICAL	HVAC for ASIMS	x	x		
	Power washing dry line	x	x		
	HVAC in elevator machine room*	x	x		
	Plumbing at elevator machine room*	x	x		
	Plumbing at elevator pit*	x	x		
	Connections to existing	x			x
	Inspections, testing, and commissioning				x

	Work Element	Contractor		Force Account	
		Furnish	Install	Furnish	Install
ELECTRICAL	Mark-outs of LIRR utilities			X	X
	Disconnect existing electrical feeds			X	X
	Demolition of all existing electrical components at plaza level (light poles, panels, lights, etc.)				X
	Demolition of all existing electrical components at platform level (light poles, panels, lights, etc.)				X
	Demolition of all existing electrical components in north station building				X
	Demolition of existing meter				X
	Decommission existing panelboard				X
	New split bus electrical panel in electrical room	X	X		
	Conduits and cable from new panel to properly located demarcate boxes/cabinet/MH	X	X		
	Work from demarcate boxes/cabinet/MH to existing circuits	X			X
	New split bus panel in electrical room	X	X		
	Connect and tie new split bus panel into existing loads	X			X
	Transpose 3rd Rail	X			X
	New light poles at ramp and plaza area	X			X
	New platform lighting	X			X
	Lighting switches	X	X		
	Automatic door openers for north station building (and associated electrical work)	X	X		
	Blue light system	X			X
	Power to elevators*	X	X		
	Elevator machine room electrical feeds and panels*	X	X		
	Advertisement board cables and conduit	X	X		
	Advertisement boards	X	X		
	New electrical service and new electrical room	X	X		
Temporary lighting and power for construction	X	X			
Inspections, testing, and commissioning	X	X		X	
COMMUNICATIONS	Mark-outs of LIRR utilities			X	X
	Review and comment on all communication designs			X	X
	Final terminations at existing communications infrastructure			X	X
	Furnish and install CCTV cameras for the interior of the elevator	X	X		
	Travel cable, emergency phone, media converters, SFP modules, and elevator camera (CCTV)	X	X		
	Furnish and install CCTV cameras for the platform and street level			X	X
	Access card readers			X	X
	Remove and reinstall communications system conduits, cables and devices attached to the platform/canopy section to be replaced			X	X
	Conduits and cables for communications systems (CCTV, Help Points, etc.)			X	X
	Intercom phone connection from the elevator to EMR. Electrical service to be provided for the Telecommunications Device for the Deaf (TDD) and ADA phone illuminated signs*	X	X		
	Elevator intercom phone connection from the EMR to COMM room/enclosure*	X	X		
	Remove and re-install two weatherproof help points emergency/information kiosks and supporting conduit, pull boxes, wiring and fiber optics			X	X
	Relocate existing PTC cabinet			X	X
	Remove and reinstall AVPS screens			X	X
	Inspection, testing & commissioning				X
VERTICAL TRANSPORTATION	New elevators*	X	X		
	Inspections, testing, commissioning, and 3rd party testing*		X		
SIGNAL	Mark-outs of LIRR utilities			X	X
	Remove and adjust PTC as needed			X	X
	Perform signal cable relocation or protection as required			X	X
TRANSPORTATION	Flagging support for work on or about the tracks			X	X
FIRE ALARM	Fire alarm system components and associated wiring and conduit	X	X		
	Inspection, testing, and commissioning		X		
MISCELLANEOUS	Remove and replace existing salt boxes, and trash receptacles as required on the platforms and areas of work (New ones to be provided by the Design Builder)	X		X	X
	Benches with built-in USB charging ports	X	X		
	Asbestos and/or lead abatement	X	X		
TRACK	Resurfacing of tracks			X	X

	Work Element	Contractor		Force Account	
		Furnish	Install	Furnish	Install

*Elevator installation is an option in the scope which may or may not be incorporated into the final project.