

A large, light grey silhouette of a construction site is centered in the background. It depicts several workers in hard hats and safety gear, some standing and some working with tools. There are numerous vertical rebar structures and horizontal beams, suggesting a building under construction. The entire scene is rendered in a flat, high-contrast style.

COMPANY PROFILE

2024



ABOUT US

Since 2018, Best Dwell Engineering has undertaken engineering projects across a range of Sectors including RCC building construction, steel building construction, road construction & electro mechanical works as well as different equipment foundations for gas industries and power sectors. Basic can work on turnkey projects independently but we have also often collaborated with various foreign engineering firms as a joint venture partner, sub-contractor & local partner, We have also completed projects as a main contractor for various private & government bodies.



MISSION, VISION

Mission

Best Dwell Engineering provides quality construction services that meet our customers' expectations to bring prosperity and sustainable development for Customers, Employees, Partners, Shareholders, Suppliers.

Vision

Best Dwell Engineering becomes the leading RCC building construction, steel building construction, road construction & electro mechanical works and pre-engineered buildings company in terms of revenue, system quality, products, and services in Southeast Asia in 2030.



WHY DO YOU CHOOSE BEST DWELL ENGINEERING?



Best Dwell Engineering is able to offer complete services for pre-engineered buildings and steel structure projects including consulting, design, fabrication and erection. This integrated production process will bring to our customers' huge advantages of an optimal solution, high-quality products, and perfect services.

What makes us different?

Quality assurance

We assured the best quality in every steps in RCC constructions.

All steel products are fabricated in factory with strict quality control management.

Fast erection

With one modern factories with a total manufacturing capacity of 500 MT/month and a professional erection team, Best Dwell Engineering is committed to manufacturing and delivering products on schedule.

WHY DO YOU CHOOSE BEST DWELL ENGINEERING?



Best price

The advanced automatic production facilities and experienced employees help us offer the most competitive price to customers.

Optimal design

With a skilled design team and the most advanced design software, BestDwell Engineering brings optimal design to our customers.

Perfect after-sales services

The professional project management system helps us increase project efficiency and promptly support any customer's requirement.

High-quality raw material

With careful selection of suppliers, Best Dwell Engineering uses the most appropriate and high-quality materials from China & Japan.

MANAGING BOARD



ENGR. MD. EQBAL HOSSAIN FARUK
Managing Partner & CEO
Best Dwell Engineering.

A dynamic professional with a rich corporate experience and a graduate of Rajshahi University of Engineering & Technology (RUET). Eqbal Hossain has over 10 years of experience in the bulding construction industry. Additionally, Eqbal Hossain has knowledge and experience in all areas of building construction, an established historyin executing effective projects and has worked in multiple industries. Eqbal Hossain experience in RCC building construction, steel building construction, road construction & electro mechanical works, enhances his ability to think creatively and strategically.



MD. RABIUL ISLAM
Managing Partner
Best Dwell Engineering.

A dynamic professional with a rich corporate experience and a graduate of Uttara University. Rabiul Islam has over 17 years of experience in the bulding construction industry. Additionally, Rabiul has knowledge and experience in all areas of building construction, an established historyin executing effective projects and has worked in multiple industries. Rabiul experience in RCC building construction, steel building construction, road construction & electro mechanical works, enhances his ability to think creatively and strategically.



MD. SHAHJALAL
Managing Partner
Best Dwell Engineering.

A dynamic professional with a rich corporate experience and a graduate of Rajshahi University of Engineering & Technology (RUET). Shahjalal has over 10 years of experience in the building construction industry. Additionally, Shahjalal has knowledge and experience in all areas of building construction, an established history in executing effective projects and has worked in multiple industries. Shahjalal experience in RCC building construction, steel building construction, road construction & electro mechanical works, enhances his ability to think creatively and strategically.



HASAN NIPU
Business Advisor
Best Dwell Engineering.

Hasan Nipu has over 10 years of experience in the Business Management and marketing industry. He has experience working in both the public and private sectors. Diplomatic, personable, and adept at managing sensitive situations. Highly organized, self-motivated. He has knowledge and experience in all areas of entrepreneurship and management, an established successful history in executing effective projects and has worked in multiple industries that helps to deal with sensitive situations and is keen to support the organization. He's experience in technology, strategic planning, business management and marketing, enhances his ability to think creatively and strategically. He is a graduate with brilliant academic success from National University.



OUR TEAM



Position	Name	Qualification	Experience
Advisor Business Development	Tareq Hasan Khan	MSS	24 years' experience in construction management.
Managing Partner & CEO	Engr. Md. Eqbal Hossain Faruk	B.Sc. Engineering (Civil). RUET.	10 years' experience in structural design and construction management of high rise building, & Existing Building assessment specialist
Managing Partner	Engr. Md. Rabiul Islam	B.Sc. Engineering (Civil).	17 years' experience in structural design and construction management of high rise building, supervision & pre-fabricated steel building design specialist.

OUR TEAM



Managing Partner	Engr. Md. Shahjalal	B.Sc. Engineering (Civil). RUET.	10 years' experience in structural design and construction management of high rise building, & Existing Building assessment specialist
Project Manager	Md. Saddat Parvez Biswas	B.Sc. Engineering (Civil).	16 years' experience in construction management of high rise building & road construction.
Project Co-ordinator	Md. Hasan Mostafa Khan	B.Sc. Engineering (Civil).	35 years' experience in the Mega construction project and road construction field.
Project Engineer	Md. Lalon Hossain	B.Sc. Engineering (Civil).	7 years' experience in construction management of high rise building.

OUR TEAM



Project Engineer	Md. Rasel Hossain	B.Sc. Engineering (Civil).	9 years' experience in construction management of high rise building.
Project Engineer	Md. Kawsar Emon	Diploma Engineering (Civil).	4 years' experience in railway engineering field.
Project Engineer	Md. Zakir Hossain	B.Sc. Engineering (Mech).	13 years' experience in the railway engineering field.
Project Engineer	Md. Shamim Hasnat	B.Sc. Engineering (Civil).	10 years' experience in the project finishing works of high rise building.
Safety Supervisor	Md. Anik Ahmed	B.Sc. Engineering (Civil).	3 years' experience in the mega project safety & security management.

OUR TEAM



Safety Supervisor	Md. Zubayer Islam	Diploma Engineering (Mech).	5 years' experience in railway engineering field.
Site Supervisor	Md. Roman Islam	HSC Pass.	14 years' experience in the construction field.
Site Supervisor	Md. Zillur Rahman	SSC Pass.	19 years' experience in the mega project construction field.
Account Manager	Md. Mehdi Hasan Rony	M.Com Pass.	10 years' experience in the related field.
Admin Manager	Md. Jahagir Hossain Polash	B.Com Pass.	16 years' experience in the related field.

OUR TEAM



Assistant Marketing officer	Md. Rezwanul Islam	BBA (NSU).	3 years' experience in related field.
Marketing Manager	Md. Harunor Rashid	M.Com Pass.	8 years' experience in the related field.
Finance & Audit Manager	Md. Abu Mohammad Yunus	MBA Pass.	18 years' experience in the related field.

We value the country 2030 vision and we therefore employ local resources. The vast majority of our members are Multinational and Bangladeshi natives who are inherently familiarized with the market

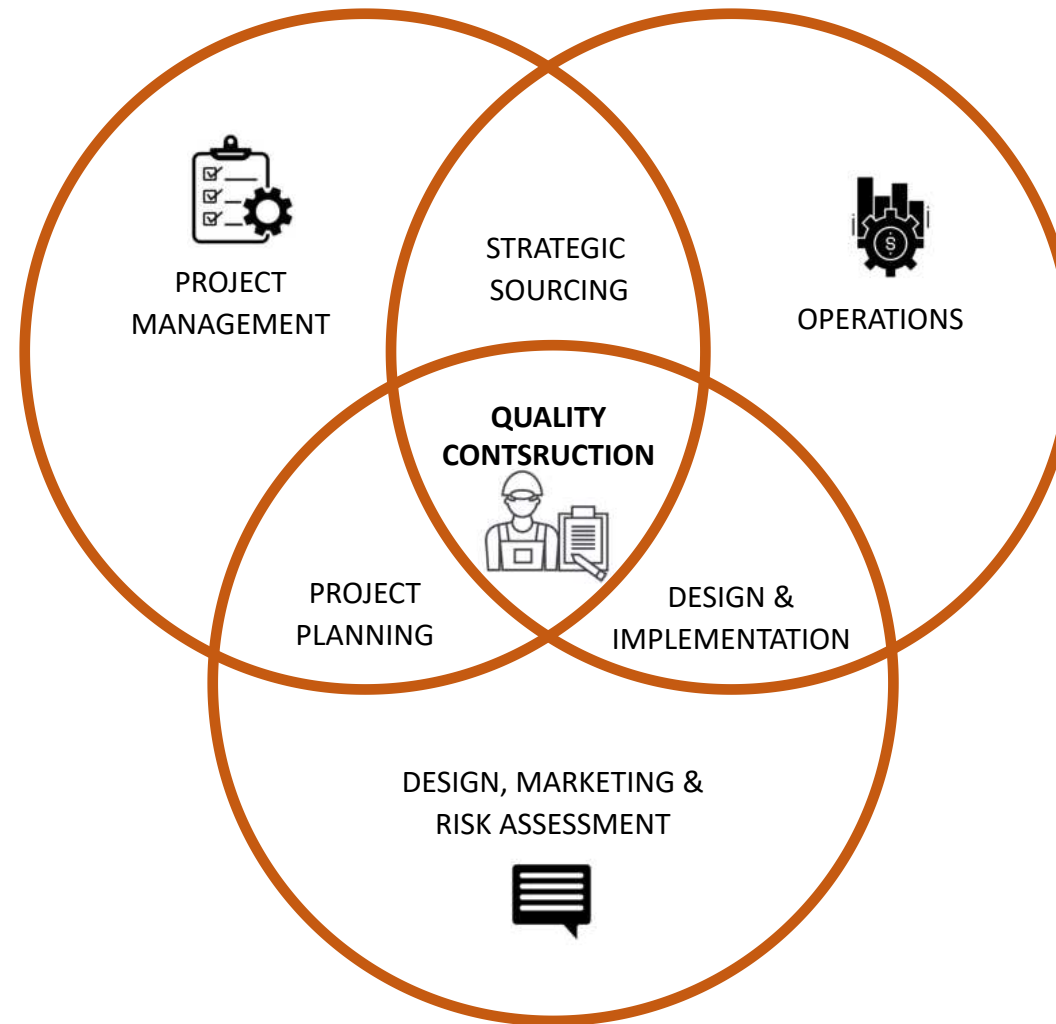
We visualize ourselves as one of the prominent players and success partners for the making of a creative and effective impact.

Gearing, guiding and driving organizations to contribute to the country's 2030 Vision, by creating an involved and innovative community, and contributing to an enhanced quality of life.

We are motivated by the ideals of ownership, loyalty, and excellence for our clients. We assume that attaining success involves a collaborative and multi-faceted approach. After all, our success is in our client's success.

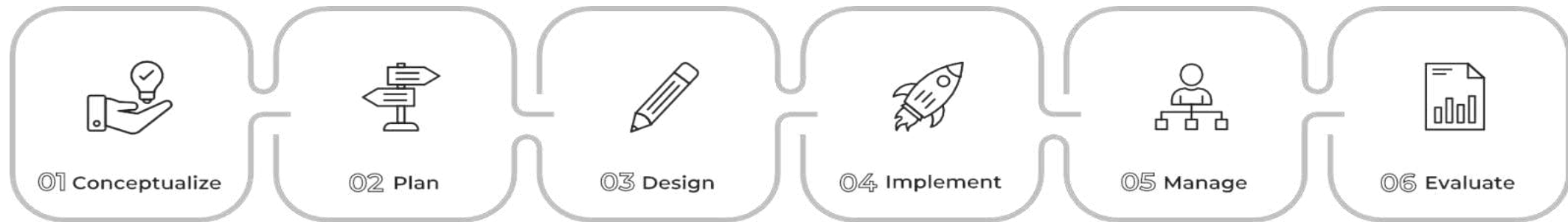


HOW WE WORK TOGETHER



OUR WORK PROCESS

Our work process begins at the initial step of the conceptualization phase, all the way through to the final phase; evaluation. We undertake projects from both the **Private Sector** and the **Government Sector**, setting the highest possible standards at each level of our work process.



CLIENT LIST



Client Name & Address	Detail Scope of Work	Duration & Status	Project Value(BDT)
Blue Ridge, Concord Group Address:Gazaria,Munshigong.	Construction of Industrial Composite Building - Area: 17000 Sft	2018 (Completed)	3650000.00
RM Construction Address: Dhanmondi, Dhaka.	Tower Construction_ Bandarban	2018 (Completed)	1020000.00
BG Collection Ltd. Address: Bhabanipur, Gazipur	Pre-Fabricated Steel building Construction - Area: 22000 Sft	2018 (Completed)	282000.00
Euro Car Solution Address: Vatara, Notun Bazar, Dhaka	Pre-Fabricated Steel building Construction with all civil works Area: 16000 Sft	2018 (Completed)	15700000.00

CLIENT LIST



Capri & Dishari Industries Ltd. Address: Tongi, Gazipur	Preparation of Detail Engineering Assessment	2018 (Completed)	650000.00
Asphire Garments Ltd. Address: Singair, Makingong	Strengthening Work of Building (RCC Structure)	2018 (Completed)	2200000.00
Axis Knitwear Ltd. Address: Mauna, Gazipur	Six storied RCC factory building construction , Area: 166800 Sft	2019 (Completed)	110000000.00
Blue Planet Group Address: Uttara, Dhaka.	Pre-Fabricated Steel building Construction Area: 35000 Sft	2019 (Completed)	1900000.00
Euro Bangla Group Address: PGR, Dhaka Cantt.	Two Storied Building Construction at PGR Area: 17000 Sft	2019 (Completed)	1150000.00

CLIENT LIST



Ali Group Address: Mouchak, Gazipur	Pre-Fabricated Steel building Construction Area: 20000 Sft	2019 (Completed)	136000.00
Zihan Enterprize Address: Adabar, Dhaka	Tower Construction _ Chittagong	2020 (Completed)	1050000.00
JMI Group Address: Comilla	Pre-Fabricated Steel building Construction Area: 16000 Sft	2020 (Completed)	3000000.00
JMI Group Address: Comilla	Pre-Fabricated 5 storied Steel Stair Construction	2020 (Completed)	1700000.00
Vintage Garments Ltd. Address:	RCC works with all civil & finishing works & Pre-Fabricated Steel building Construction Area: RCC_30000 Sft & Steel_ 15000 Sft	2021 (Completed)	83000000.00

CLIENT LIST



Vintage Garments Ltd. Address: Norsingpur, Ashulia	Strengthening Work of Building (RCC Structure)	2021 (Completed)	5500000.00
Axis Printing Ltd. Address: Mauna, Gazipur	Pre-Fabricated Steel building Construction Area: 19000 Sft	2021 (Completed)	8600000.00
Axis Knitwear Ltd. Address: Mauna, Gazipur	Pre-Fabricated Steel building Construction Area: 5000 Sft	2021 (Completed)	1550000.00
Yester Jeans Ltd. Address: Adamzi EPZ, Narayangong	Pre-Fabricated Steel Canopy Gate Construction	2021 (Completed)	475000.00
Seven Rings Cement Address: Chittagong	Pre-Fabricated Steel Canopy Gate Construction	2021 (Completed)	1750000.00

CLIENT LIST



Ricon Engineering Address: 24 Brigade, MES, Dhaka Cantt.	Soinik Barak Construction (All Civil & Finishing Works)	2022 (Completed)	1575000.00
Ricon Engineering Address: ISSB, Dhaka Cantt.	Fountain & Landscapping Works	2022 (Completed)	2500000.00
Ricon Engineering Address: ISSB, Dhaka Cantt.	Renovation & Finishing works of officers office	2022 (Completed)	3650000.00
Nippon Signal Company Ltd. Address: Diabari, Uttara	Metro Rail Cable Trench Construction & Pulpit Works , MRT Line -06, CP-07	2021-2022 (Completed)	46800000.00
Nippon Signal Company Ltd. Address: 1-5-1,Marunouchi, Chiyoda-ku,Tokyo, 100-6513 JAPAN – 1006513	Modification of cable trench work (MRT Line-06,CP-07)	2022 (Completed)	7350000.00

CLIENT LIST



Nippon Signal Company Ltd. Address: 1-5-1,Marunouchi, Chiyoda-ku,Tokyo, 100-6513 JAPAN – 1006514	Supply of Repeter Signal Fixture Arrangement (MRT Line-06,CP-07)	2022 (Completed)	4203000.00
Nippon Signal Company Ltd. Address: 1-5-1,Marunouchi, Chiyoda-ku,Tokyo, 100-6513 JAPAN – 1006515	Supply of Marker Board (Triangle & Stand type)(MRT Line-06, CP-07)	2022 (Completed)	3960000.00
Genesis Engineering & Solution	Construction of Landscaping and other Infrastructure & finishing Works for Cadet College Club Limited at Purbachal, Dhaka.	2022 (Completed)	26700000.00
Golden Arc Limited Address: Haridashpur BSCIC,Gopalganj	Construction Steel Shed along Civil & RCC works of the Beverage Factory	2023 (Completed)	13700000.00
Nippon Signal Company Ltd. Address: 1-5-1,Marunouchi, Chiyoda-ku,Tokyo, 100-6513 JAPAN – 1006513	Indoor & Outdoor Installation of Signaling Works Phase-02 (MRT Line-06, CP-07)	On Going	76200000.00

CLIENT LIST



Ricon Engineering Address: Jalshiri project, Purbachal,Dhaka.	Construction of oufall including drainage system	2023 (Completed)	2850000.00
Axis Knitwear Ltd. Address: Mauna, Gazipur	Construction of steel warehouse & Stair top steel shed , Area: 9500 Sft	2023 (Completed)	9600000.00
Amigo Bangladesh Ltd Address: Kaliganj, Gazipur	Retrofitting works of steel shed(Power plant & Boiler shed)	2022 (Completed)	26700000.00
Golden Arc Limited Address: Haridashpur BSCIC,Gopalganj	Construction Steel Shed along Civil & RCC works of the Beverage Factory	2023 (Completed)	1730000.00
ADC, Aviation Dhaka consortium (Joint Venture with Hammer & Spade Ltd.)	Demolition of VVIP Terminal Building	2023 (Completed)	18600000.00

CLIENT LIST



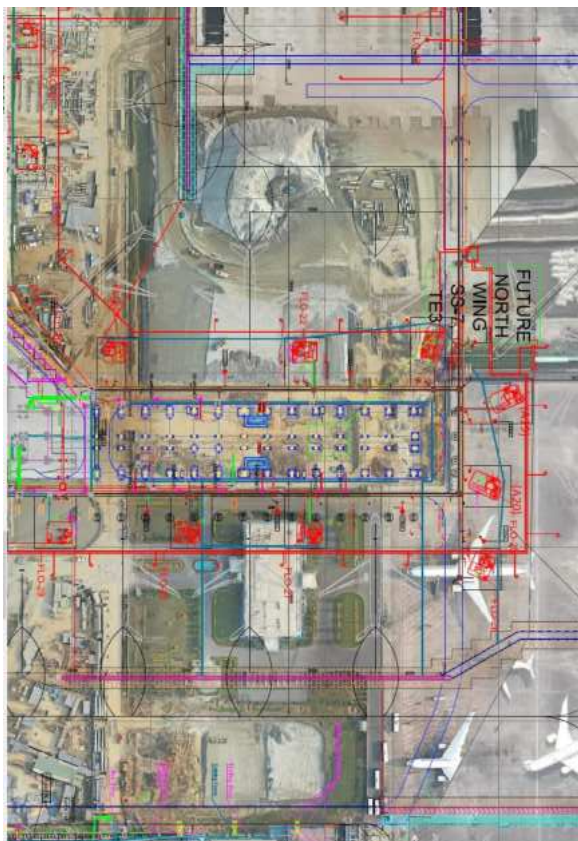
TOA Corporation(Joint Venture with Hammer & Spade Ltd.)	Construction of Singer Bangladesh Home Appliances Factory at Japanese Economic Zone, Araihasar, Narayanganj	On Going	21000000.00
Noboneer Govt. Housing Complex(Building 35)	Construction of six storied residential building at Noboneer govt. Housing Complex at Shyamoli,Dhaka	On Going	17300000.00

OUR COMPLETED PROJECT



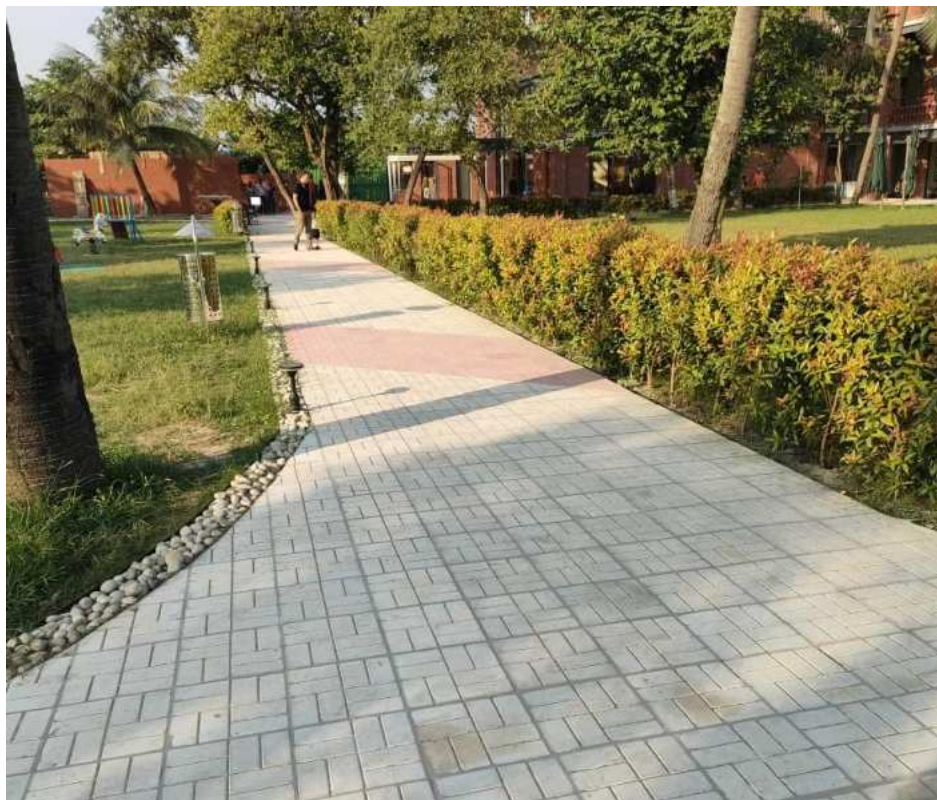
MRT Line-06 (Nippon Signal)

OUR COMPLETED PROJECT



Demolition of Old VVIP Terminal Building HSIA

OUR COMPLETED PROJECT



Construction of Landscaping and other Infrastructure & finishing Works for Cadet College Club Limited at Purbachal, Dhaka.

OUR COMPLETED PROJECT



Construction of Steel shed factory with RCC works (Golden Arc Ltd.)

OUR COMPLETED PROJECT



Six storied RCC factory building construction (Axis Knitwear Ltd.), Area: 166800 Sft

OUR COMPLETED PROJECT



Construction of Steel Shed (Axis Printing)

OUR COMPLETED PROJECT



Pre-Fabricated Steel building Construction at Mouchak- Area: 22000 Sft

OUR COMPLETED PROJECT



ISSB, Concord, PGR, Ali Packaging & Alesha Feed Mill

OUR COMPLETED PROJECT



Pre-Fabricated Steel building & emergency stair Construction at JMI Pharmaceuticals - Area: 14500 Sft

OUR COMPLETED PROJECT



Pre-Fabricated Steel building Construction and RCC retrofitting work (BG Garments) - Area: 19200 Sft

OUR COMPLETED PROJECT



Pre-Fabricated Steel building Construction with all civil works (Euro Car)- Area: 16000 Sft

OUR COMPLETED PROJECT



Vertical Extension(Steel shed) & RCC Retrofitting works at Vintage Garments -Windy Group

OUR COMPLETED PROJECT



Vertical Extension(Steel shed) & RCC Retrofitting works -Windy Group

OUR COMPLETED PROJECT



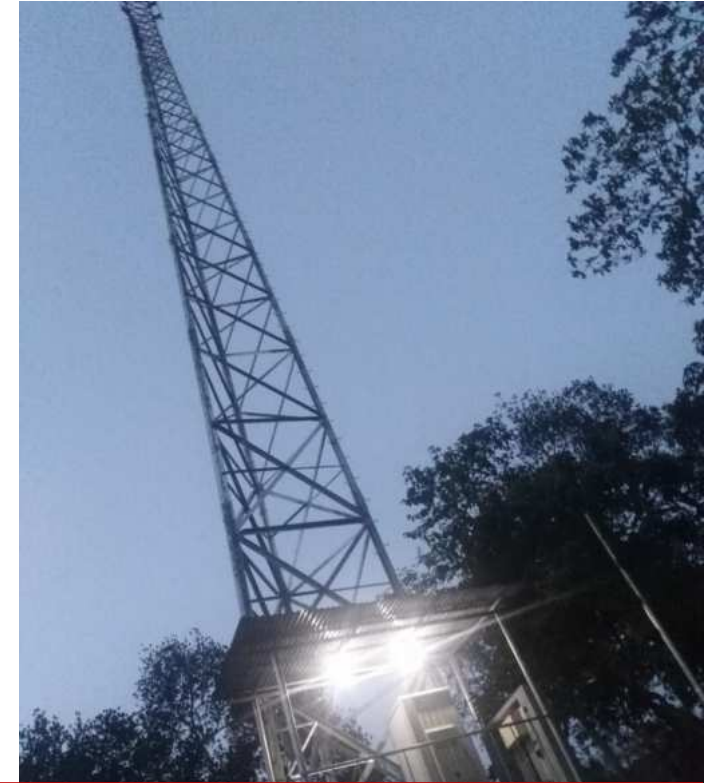
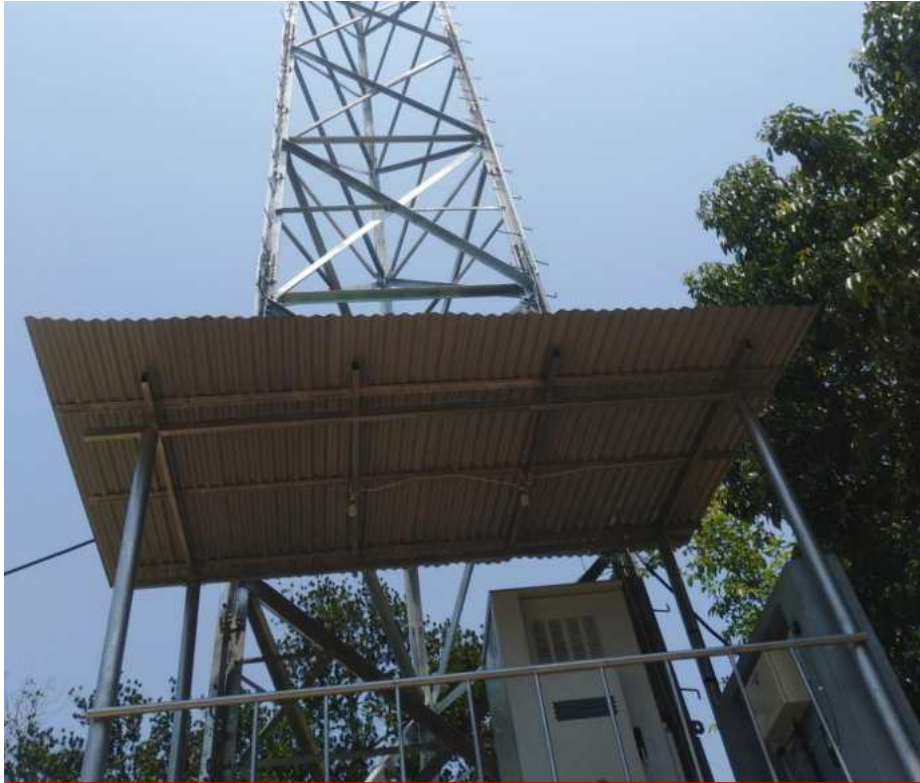
Construction of Triplex House -For Dr. Ehtashimul Haque

OUR COMPLETED PROJECT



Prefabricated Entrance Gate with Louver Works -Seven Rings Cement

OUR COMPLETED PROJECT



Tower Construction_ Bandarban

OUR COMPLETED PROJECT



OUR COMPLETED PROJECT



Outdoor Digital Clock and Analog Clock and Indoor Analog Clock installation termination and fixture supply and installation.

OUR COMPLETED PROJECT



FRS PTZ and Bullet Camera installation termination and fixture supply and installation.

OUR COMPLETED PROJECT



PIDS and TFT installation termination and fixture supply with installation.

OUR COMPLETED PROJECT



Digital, IP, and Analog phone installation and termination, Indoor digital clock installation

OUR COMPLETED PROJECT



Selling and projection speaker and noise installation termination and fixture supply with installation

OUR COMPLETED PROJECT



9U rack and L2 switch, MDF and IDF installation termination.

OUR COMPLETED PROJECT



S-ACS Works

OUR COMPLETED PROJECT



Indoor and outdoor Wifi router, Digital call station installation, and termination

OUR COMPLETED PROJECT



Indoor Rack Installation and Termination

OUR COMPLETED PROJECT










Karwan Bazar CCTV








Are Athenta F-SCADA

MultiTrack Reset Rack Load Filter Options

CCTV Karwan Bazar						
Availability	CNS	Availability	PF 1	Availability	PF 2	Availability
■	KWB-CNS-CCTV-BLT-14	■	KWB-PF1-CCTV-BLT-01	■	KWB-PF2-CCTV-BLT-01	■
■	KWB-CNS-CCTV-BLT-15	■	KWB-PF1-CCTV-BLT-02	■	KWB-PF2-CCTV-BLT-02	■
■	KWB-CNS-CCTV-BLT-16	■	KWB-PF1-CCTV-BLT-03	■	KWB-PF2-CCTV-BLT-03	■
■	KWB-CNS-CCTV-BLT-17	■	KWB-PF1-CCTV-BLT-04	■	KWB-PF2-CCTV-BLT-04	■
■	KWB-CNS-CCTV-BLT-18	■	KWB-PF1-CCTV-BLT-05	■	KWB-PF2-CCTV-BLT-05	■
■	KWB-CNS-CCTV-BLT-19	■	KWB-PF1-CCTV-BLT-06	■	KWB-PF2-CCTV-BLT-06	■
■	KWB-CNS-CCTV-BLT-20	■	KWB-PF1-CCTV-BLT-07	■	KWB-PF2-CCTV-BLT-07	■
■	KWB-CNS-CCTV-BLT-21	■	KWB-PF1-CCTV-BLT-08	■	KWB-PF2-CCTV-BLT-08	■
■	KWB-CNS-CCTV-BLT-22	■	KWB-PF1-CCTV-BLT-09	■	KWB-PF2-CCTV-BLT-09	■
■	KWB-CNS-CCTV-BLT-23	■	KWB-PF1-CCTV-PFZ-01	■	KWB-PF2-CCTV-PFZ-01	■
■	KWB-CNS-CCTV-PFZ-06	■	KWB-PF1-CCTV-PFZ-02	■	KWB-PF2-CCTV-PFZ-02	■
■	KWB-CNS-CCTV-PFZ-07	■	KWB-PF1-CCTV-PFZ-03	■	KWB-PF2-CCTV-PFZ-03	■
■	KWB-CNS-CCTV-PFZ-08	■	KWB-PF1-CCTV-PFZ-04	■	KWB-PF2-CCTV-PFZ-04	■
■	KWB-CNS-CCTV-PFZ-09	■	KWB-PF1-CCTV-PFZ-05	■	KWB-PF2-CCTV-PFZ-05	■
■	KWB-CNS-CCTV-PFZ-10	■				
■	KWB-CNS-CCTV-FRS-05	■				
■	KWB-CNS-CCTV-FRS-06	■				
■	KWB-CNS-CCTV-FRS-07	■				
■	KWB-CNS-CCTV-FRS-08	■				

F-SCADA PIDS CCTV PAS S-ACS BTN MCS Telephone

Karwan Bazar Clock				
nt	Information	Status	Equipment	Info
k	S&T Room		Indoor Digital Clock	Station Co
og 1			Indoor Digital Clock	Station Ma
og 2			Indoor Digital Clock	Station Off
g-1			Indoor Digital Clock	S&T Room
g-2			Indoor Digital Clock	OnM Room
l Clock-1			Indoor Digital Clock	Security Sta
l Clock-2			Indoor Digital Clock	Staff Mess
l Clock-3			Indoor Digital Clock	ASS LT, TSS
l Clock-4				

-SCADA	PIDS	CCTV	PAS	S-ACS	BTN	MCS
						

F-SCADA

Kawran Bazar PAS	
Station Workstation	■
Station workstation Server	■
Call Station	■
Zone Controller-1	■
Zone Controller-2	■
Zone Controller-3	■
Zone Controller-4	■

CADA PIDS CCTV PAS S-ACS BTN MCS Telephone

F-SCADA

MRT LINE 06 TELECOM WORK DONE LIST



1	L2 Switch
2	Indoor Access Points
3	Outdoor Access Point
4	24F/12F/6F ODF Installation
5	Analog Clock Indoor
6	Analog Clock Outdoor
7	Digital Clock Indoor
8	Digital Clock outdoor
9	Bullet Camera with Surge Protector Installation
10	Fixed Box Camera for FRS with Surge Protector Installation
11	PTZ Camera with Surge Protector & DC Adopter
12	MMIs with 19" LED Monitors & 43" Screens at Stations
13	Joystick Keyboard
14	Biometric fingerprint vein identification reader
15	Main Controller with Enclosure
16	Interface Controller with Enclosure
17	Electromagnetic Lock for Single leaf door
18	Electromagnetic Lock for Double leaf door
19	Smart Card Reader
20	Exit Push Button

21	Emergency Break Glass
22	S-ACS MMI Installation
23	Ambient Noise Sensor
24	Digital Call Station
25	Ceiling Speaker Concourse
26	Ceiling Speaker Rooms
27	Projection Speaker Platform
28	Projection Speaker Entry Exit
29	Projection Speaker Concourse Rooms
30	Double Side LED With Clock
31	Double Side LED Without Clock
32	TFT
33	Analog Phone
34	Digital Phone
35	Direct Line Telephone-20 Line
36	Direct Line Telephone-10 Line
37	DLT Master conference Set
38	9U Rack Installation
39	Power (3 Core x 1.5 sq mm) UnArmored Cable
40	Communication (2 Core x 1.5 sq mm) Un armored PA Cable

41	Communication (6 core x 0.75 sq mm) Cable
42	Communication (8 core x 0.75 sq mm) Cable
43	CAT 5E (UTP/STP) Cable
44	Unarmored Telephone Cable 2Pair
45	Armored Telephone Cable 2Pair
46	Earthing Cable 1CX16 sqmm
47	Noise Sensor Cable
48	96F OFC Laying
49	MDF Installation
50	IDF Installation
51	GI Flexible/Conduiting
52	Cable Tray Installation

HFCL

MRT LINE 06 SIGNALLING WORKS DONE LIST

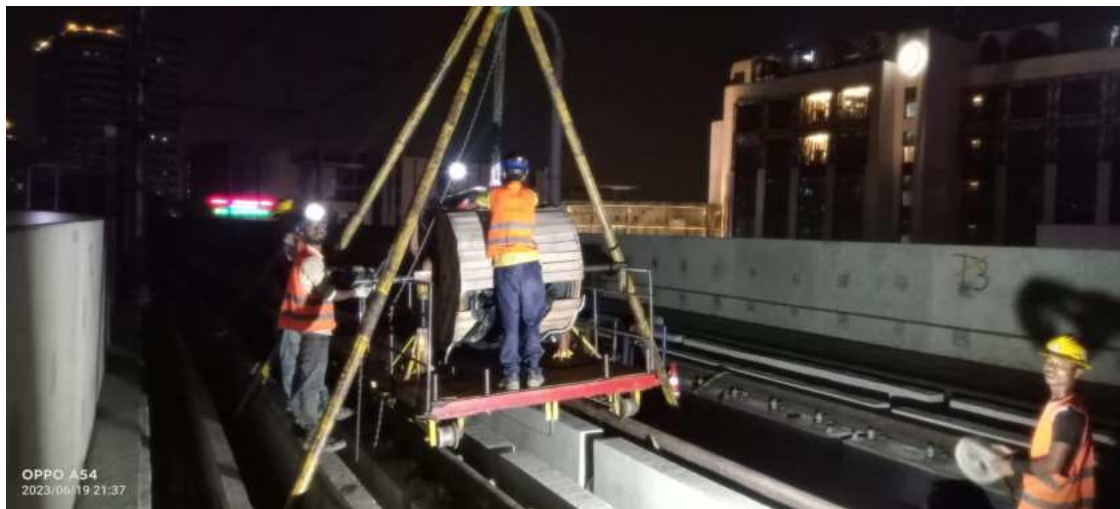
SL	Outdoor Equipment
1	Axle Counter_ Wheel Sensor
2	Axle Counter_ Wheel Sensor Junction Box
3	Point Machine_Mainline
4	Point Machine JB_Mainline
5	Signals_Mainline
6	Signals_Mainline 2 Route Indicator
7	Signals_Mainline JB
8	Repeater Signals
9	Marker Board
10	Balise
11	Balise Encoder
12	WRS/SRS Mast in Mainline
13	WRS/SRS Radio Unit Box
14	WRS/SRS_ SC-IF Box for SRS
15	WRS/SRS_ Fiber Splicing at ODF
16	WRS/SRS_ Antenna& Accessories
17	WRS/SRS_ GPS Antenna
18	WRS/SRS_ Laying of OFC Cable
19	WRS/SRS_ Laying of HDPE Pipe(40mm)
20	Laying of DWC Pipe_ 50mm
21	Laying of PVC flexible Pipe
22	Cable Laying
23	Cable Laying_ Earthing

SL.	Indoor Equipment
1	Object Controller
2	CB Rack
3	MDF Rack
4	ICP
5	Axle Counter Cubicles
6	Axle Counter Relay Racks
7	Axle Counter Reset Pannel
8	Station Computer Cubicles
9	PDC
10	Network SW Rack
11	Work Stations
12	ODF
13	Fibre Splicing(Indoor)
14	Cable Tray supply and installation
15	Indoor Cable Laying
16	Optical Fibre
17	Earthing Met(Supply & Installation)
18	Copper Strip Supply & Installation:Each 5-10m

SL	Fixing Materials Supply
1	OC, CB, MDF, PDC, NSR, ODF Base Frame
2	Marker Board
3	Repeater Signals
4	WRS Box, SCIF, Balise Fixture
5	Signal Pole
6	Cable Tray

NIPPON SIGNAL

OUR COMPLETED PROJECT



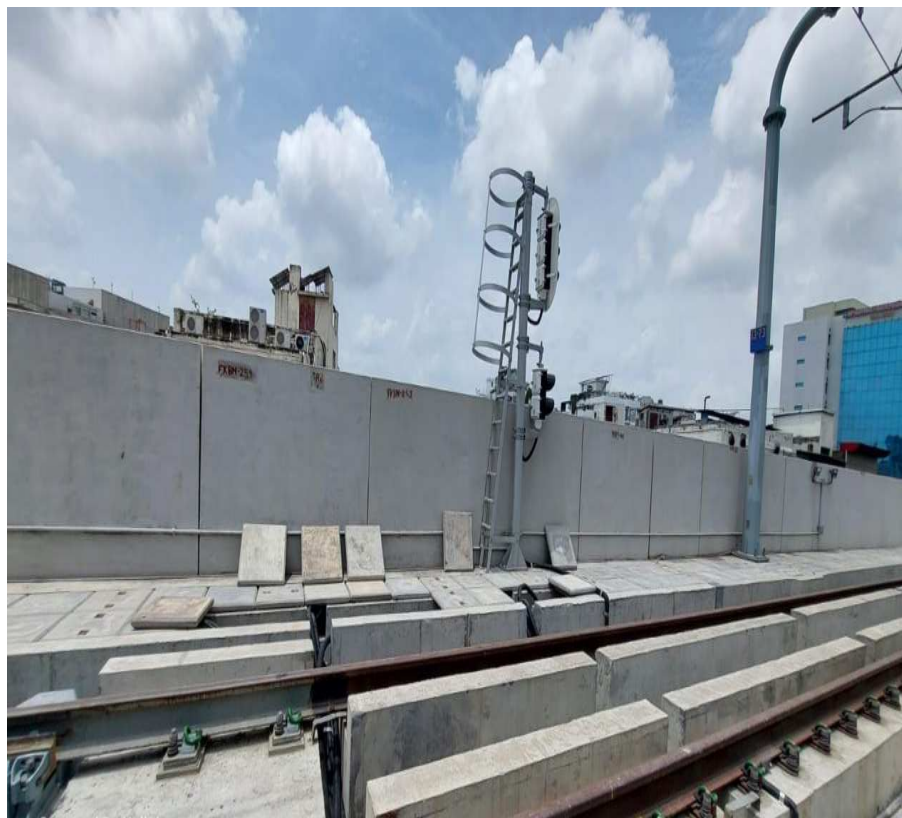
MRT Line-06, (Nippon Signal)



Aug 8, 2023 10:04
Khamar B

Aug 8

OUR COMPLETED PROJECT



MRT Line-06, (Nippon Signal) Signal Pole

OUR COMPLETED PROJECT



MRT Line-06, (Nippon Signal) Cable Laying

OUR COMPLETED PROJECT



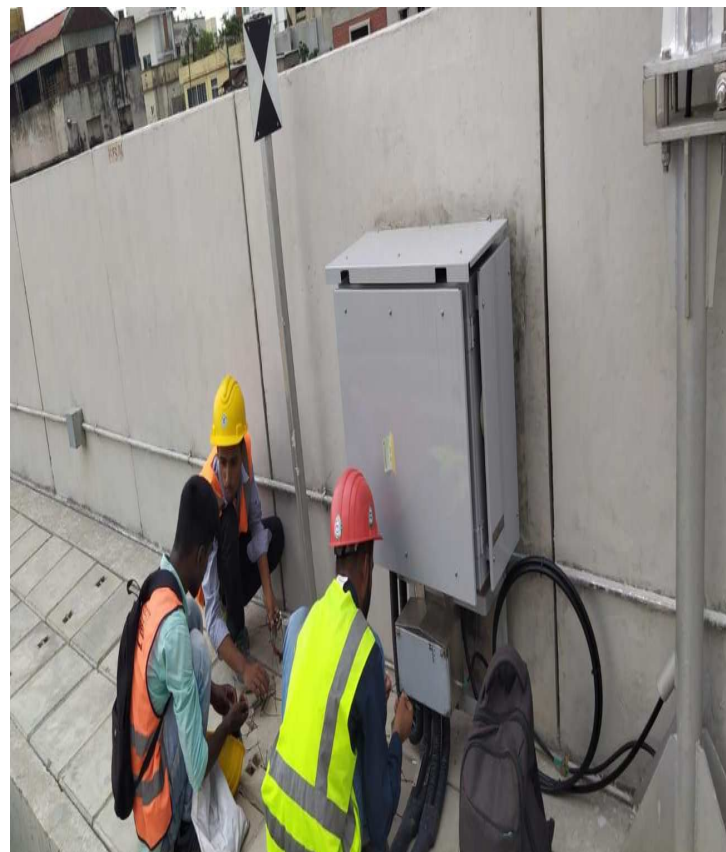
Wednesday, 6 September 2023 2:25 pm

64 Motijheel Road

Motijheel

Dhaka District

Dhaka Division



MRT Line-06, (Nippon Signal) WRS Box installation and Termination

OUR COMPLETED PROJECT



Monday, 21 August 2023 9:42 pm
78 কাজী নজরুল ইসলাম সরণি

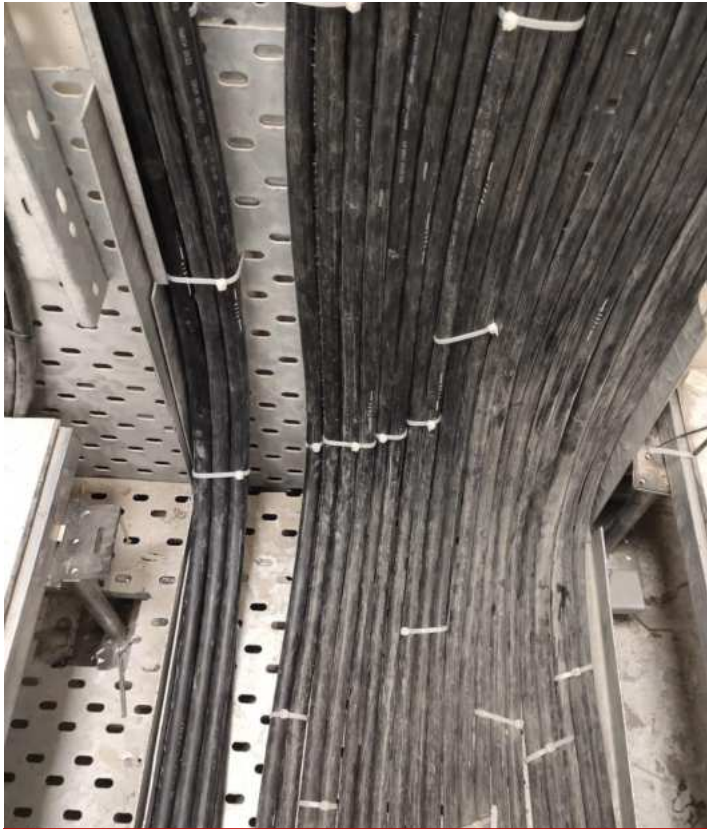
তেজগাঁও

ঢাকা বিভাগ

MRT Line-06, (Nippon Signal) WRS Pole installation and Termination



OUR COMPLETED PROJECT



MRT Line-06, (Nippon Signal) Cable Tray installation and Cable Dressing

OUR COMPLETED PROJECT



MRT Line-06, (Nippon Signal) Rack installation and Termination

OUR COMPLETED PROJECT



MRT Line-06, (Nippon Signal) Base Frame installation

OUR ONGOING PROJECT




Construction of Civil Foundation works for Singer Bangladesh Ltd. (BSEZ) _TOA Corporation

Aug 4, 2023 11:42:08 AM



OUR PURCHASE ORDER

	NIPPON SIGNAL CO., LTD.																									
Page 1 / 4																										
Purchase Order																										
Vendor: BEST DWELL ENGINEERING House:08, Road 31, Sector 7, Uttara, Dhaka Bangladesh. Ph. No. +8801911326464 E-Mail: bestdwelleng@gmail.com	Order Number: 9000754210 Order Date: January 21, 2022.																									
House: 08, Road 31, Sector 7, Uttara, Dhaka Bangladesh. Ph. No.: +8801911326464 E-Mail: bestdwelleng@gmail.com	Order Number: NA Amendment Date: NA Supplier Ref. No.: NA Supplier ref. date: January 5, 2022.																									
Invoice Address/Billing Address: 1-5-1, Marunouchi, Chiyoda-ku, Tokyo, 100-6513 JAPAN - 1006513 TEL: +81-3-3217-7377 FAX: +81-3-3217-7334	Terms of Payment: As per the Attached Appendix-1 Delivery terms: As per the attached Appendix-1 Despatch through: By Road Destination: Dhaka																									
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Nippon Signal Co.,Ltd																										



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Note: You shall guarantee that the requirement for functional specification is fulfilled. In case that you have not fulfilled the requirement on the quality, we may issue a written notice to you, and you shall resolve the problem within 10 days from receipt of such notice at your cost.	
Contact details: Nippon Signal Dhaka Office Hanish Chand Tel: +880-1303700845 Email: Hanish_ch@ns-dhaka.com	
You are requested to kindly acknowledge for this Purchase Order.	
Signature: _____	
Nippon Signal Co., Ltd.  Kaori Noto Manager Material Procurement Dept Kuki Plant	
APPENDIX-1: TERMS AND CONDITIONS	
1. PRICES: Prices are to be understood on accepted offer basis in Bangladeshi Taka (BDT). 2. The prices are total price in BDT, which is inclusive loading at factory, Insurance, logistics and handling charges, delivery, unloading at Nippon Signal site warehouse at Dhaka.	
Nippon Signal Co.,Ltd	

	NIPPON SIGNAL CO., LTD.
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Purchase Order	
3. WARRANTY: The warranty will be applicable pursuant to guideline of buyer requirements, specification & acceptance of project. For any manufacturing defects the maximum liability is to replace these materials in case of defects applicable with proven liability (not applicable for non-contractual activities like improper handling, storage, improper installation, mis-use). The guidance on handling, storing and installation of materials should comply as per the document provided by the manufacturer or supplier.	
4. DELIVERY & INSTALLATION: Delivery & installation of these materials starts within 1-2 weeks and completes within as per accepted quotation guideline or date of technical acceptance /approval of data sheet by customer / issue of Purchase order whichever is agreed by both parties.	
5. Partial supplies are not allowed.	
6. Liquidated damages if there is delay in delivering beyond 2 weeks or accepted quotation T&C, it will be calculated at the rate of 0.1% on the value of goods not delivered subject to the maximum of 10% of the value of delayed batch of goods	
7. It will be supplier responsibility to deliver these materials at price given within the PO delivery timelines EXCEPT that of unforeseen Force Majeure situation. If the performance of a contractual obligation is prevented, restricted or delayed by a case of force majeure, the party on whom the obligation is incumbent shall, be exempted from any liability resulting from this prevention, restriction or delay concerned and the deadlines it shall have been given for the performance shall be extended accordingly. The party that is a victim of an event of force majeure shall so inform the other party in writing within fifteen (10) working days from the occurrence of the event that constitutes force majeure and shall take every reasonable step to minimize the consequences of such a situation, especially to avoid or limit a possible delay in delivering the Goods and/or performing the Services.	
8. Products weight & quantity: It shall be supplied in standard packages & weight of unit. Variance will be between BOQ quality and Ordered Quantity. Any excess delivery of material above the ordered quality will not be claimed. BOQ has the variance positive 2%.	
9. Delivery challan has to be submitted with invoice or bill.	
10. Total Payment due 30 days after completion of work or supply.	
11. Mode of Payment bank transfer. Payment will be transferred from NS Bank to vendor bank account.	
Nippon Signal Co.,Ltd	


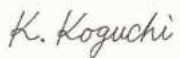
OUR CONTRACT PAPER


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Purchase Order	
<p>12. PAYMENT TERMS:</p> <ul style="list-style-type: none"> 100% will be provide after delivered of products & acknowledged by customer. <p>13. Taxes and Duties: TDS, VDS or other duties will be deducted as per government rules.</p> <p>14. Products shall be manufactured or supplied based on NS approved technical data sheets.</p> <p>15. Products manufacturing, certifications, Acknowledged of Report or Rejection as per T&C given in quotation and any means of communication recognised by the both parties shall be followed.</p> <p>16. Any contract entered based on this offer shall be governed by laws of Bangladesh and it will be subject to the exclusive jurisdiction.</p>	
END	
	Nippon Signal Co.,Ltd

	NIPPON SIGNAL CO., LTD.																																																								
Page 1 / 5																																																									
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Nippon Signal Co., Ltd																																																									

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Nippon Signal Co., Ltd															


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Kazuhiro Koguchi General Manager Material Procurement Dept Kuki Plant	
APPENDIX-1: TERMS AND CONDITIONS	
<ol style="list-style-type: none">1. PRICES: Prices are to be understood on accepted offer basis in Bangladeshi Taka (BDT).2. The prices are total price in BDT, which is inclusive loading at factory, Insurance, logistics and handling charges, delivery & unloading at Nippon Signal site warehouse at Dhaka.3. WARRANTY: The warranty will be applicable pursuant to guideline of buyer requirements, specification & acceptance of projects. For any manufacturing defects the maximum liability is to replace these materials in case of defects applicable with proven liability (not applicable for non-contractual activities like improper handling, storage, improper installation, mis-use). The guidance on handling, storing and installation of materials should comply as per the document provided by the manufacturer or supplier.4. DELIVERY: Delivery of these materials starts within 4-5 weeks and completes within as per accepted quotation guideline or date of technical acceptance /approval of data sheet by customer / issue of Purchase order whichever is agreed by both parties.5. Partial supplies are allowed.6. Liquidated damages if there is delay in delivering beyond 2 weeks or accepted quotation T&C, it will be calculated at the rate of 0.1% on the value of goods not delivered subject to the maximum of 10% of the value of delayed batch of goods	
Nippon Signal Co., Ltd	

	NIPPON SIGNAL CO., LTD.
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Nippon Signal Co., Ltd	

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<ol style="list-style-type: none">18. Any contract entered based on this offer shall be governed by laws of Bangladesh and it will be subject to the exclusive jurisdiction.	
END	
Nippon Signal Co., Ltd	

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Vendor: BEST DWELL ENGINEERING	Order Number: 9000775298	Order Date: September 5, 2022
House: 08, Road 31, Sector 7, Uttara, Dhaka: 1230 Bangladesh. Ph. No. +8801911326464 E-Mail: bestdwelleng@gmail.com	Order Number:	Amendment Date:
	Supplier Ref. No.: 1) 52, 38/1, 44 & 046 2) 06, 30, 37, 39, 41, 38/2, 47 & 49	Supplier ref. date: 1) August 29, 2022 2) August 23, 2022
	Terms of Payment: As per the Attached Appendix-1	Delivery terms: As per the attached Appendix-1
Invoice Address/Billing Address: 1-5-1, Marunouchi, Chiyoda-ku, Tokyo, 100-6513 JAPAN - 1006513 TEL: +81-3-3217-7377 FAX: +81-3-3217-7334	Despatch through: By Road	Destination: Dhaka
	Delivery address Nippon Signal Dhaka Office c/o Marubeni L&T JV CP-7 Project office Block I, Sector 16, Road: Sonargaon Janapath, Diabari, Uttara, Dhaka-1230, Bangladesh	


Dear Sir/Madam
We are pleased to confirm an order on you for the supply and installation of the following, as per the specification, terms and conditions furnished below:

No	Item	Total Qty	UOM	Unit Rate (USD)	Total (in USD)
1	Towards Supply of Cable tray, RCC JB Box, Cable Stand, LVS Base Frame, G.I Pipe, Base & Sub Base, Packing Sleeve, Approach Alarm & WRS Fixture & DW/C Fixer Clamp	1	Job	27,144.87	27,144.87
2	Installation of Lifting & Shifting of point machine foundation including PCC casting, Steps Crossing, Pulpit, Core Cutting, WRS Foundation Dismantle, Cable Stand Installation, Base & sub base works, G.I pipe lowering, trench & installation of G.I Pipe on the floor.	1	Job	20,206.53	20,206.53
Sub-Total Amount					47,351.40



Nippon Signal Co., Ltd

K. Koguchi

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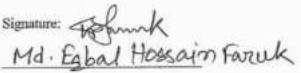
Amount in Words: USD Forty-Seven Thousand Three Hundred Fifty-One and Forty cent only.		Grand Total (USD)		47,351.40
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Order Details:					
Location/ Equipment	Payment Schedule	Milestone No		Order Number	Payment USD
Supply & Installations works	Claim 100% against delivery of the materials at project warehouse with acknowledgement.	100%	A1	DM6-NS-SIG-SC-PO-2200067	27,144.87
	After completion of 100% of Installations works	90%	A2		18,185.88
	Retention (To be paid after 6 month of handover)	10%	A3		2,020.65

Note: You shall guarantee that the requirement for functional specification is fulfilled. In case that you have not fulfilled the requirement on the quality, we may issue a written notice to you, and you shall resolve the problem within 10 days from receipt of such notice at your cost.

Contact details: Nippon Signal Dhaka Office
Mahargha Ghosh
Tel: +880-1324731359
Email: m.ghosh@ns-dhaka.com


You are requested to kindly acknowledge for this Purchase Order.

Signature: 
Md. Egbal Hossain Faruk




Nippon Signal Co., Ltd

K. Koguchi

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Nippon Signal Co., Ltd.



Kazuhiro Koguchi
General Manager
Material Procurement Dept
Kuki Plant

APPENDIX-1: TERMS AND CONDITIONS


- PRICES:** Prices are to be understood on accepted offer basis in Dollar (USD).
- The prices are total price in USD as per approved quotations which is inclusive loading at factory, Insurance, logistics and handling charges, delivery & unloading at Nippon Signal site warehouse at Dhaka and dispatch materials from warehouse, installations work as per site requirements.
- WARRANTY:** The warranty will be applicable pursuant to guideline of buyer requirements, specification & acceptance of projects. For any manufacturing defects the maximum liability is to replace these materials in case of defects applicable with proven liability (not applicable for non-contractual activities like improper handling, storage, improper installation, mis-use). The guidance on handling, storing and installation of materials should comply as per the document provided by the manufacturer or supplier.
- DELIVERY & INSTALLATION:** Delivery of these materials starts within 4-5 weeks and completes within as per accepted quotation guideline or date of technical acceptance /approval of data sheet by customer / issue of Purchase order whichever is agreed by both parties. Installation works will be completed as per scheduled and guidelines.
- Liquidated damages if there is delay in delivering beyond 2 weeks or accepted quotation T&C, it will be calculated at the rate of 0.1% on the value of goods not delivered subject to the maximum of 10% of the value of delayed batch of goods



Nippon Signal Co., Ltd

K. Koguchi

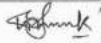
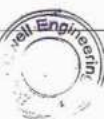
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- It will be supplier responsibility to deliver these materials at price given within the PO delivery timelines EXCEPT that of unforeseen Force Majeure situation. If the performance of a contractual obligation is prevented, restricted or delayed by a case of force majeure, the party on whom the obligation is incumbent shall, be exempted from any liability resulting from this prevention, restriction or delay concerned and the deadlines it shall have been given for the performance shall be extended accordingly. The party that is a victim of an event of force majeure shall so inform the other party in writing within fifteen (15) working days from the occurrence of the event that constitutes force majeure and shall take every reasonable step to minimize the consequences of such a situation, especially to avoid or limit a possible delay in delivering the Goods and/or performing the Services.
- Products weight & quantity: It shall be supplied in standard packages & weight of unit. Variance will be between BOQ quality and Ordered Quantity. Any excess delivery of material above the ordered quantity will not be claimed. BOQ has the variance positive 2%.
- Delivery challan, evidence of works or acknowledge letter has to be submitted with invoice or bill.
- Payment due 30 days after submission of invoice or supply or installation reports
- Mode of Payment bank transfer. Payment will be transferred from NS Bank to vendor bank account.
- PAYMENT TERMS:**
 - As per above payment milestone
- Taxes and Duties: As per rules.
- INSPECTION:** Not Required
- Products shall be manufactured or supplied based on NS approved technical data sheets.
- Internal Factory Acceptance Test (FAT) procedure formats and Quality Assurance Plan (QAP) documents, Method of works shall be confirmed by contractor within 10 days from the clear Purchase Order.
- Products manufacturing, certifications, Acknowledged of Report, works or Rejection as per T&C given in quotations and any means of communication recognised by the both parties shall be followed.
- Any contract entered based on this offer shall be governed by laws of Bangladesh and it will be subject to the exclusive jurisdiction.

END

Nippon Signal Co., Ltd

K. Koguchi

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Purchase Order

Vendor: BEST DWELL ENGINEERING House-08, Road 31, Sector 7, Uttara, Dhaka: 1230 Bangladesh. Ph. No. +8801911326464 E-Mail: bestdwelleng@gmail.com	Order Number: 9000777332	Order Date: September 27, 2022
	Order Number:	Amendment Date:
	Supplier Ref. No.: BDE/SUP/50	Supplier ref. date: 26th September, 2022
	Terms of Payment: As per the Attached Appendix-1	Delivery terms: As per the attached Appendix-1
Invoice Address/Billing Address: 1-5-1, Marunouchi, Chiyoda-ku, Tokyo, 100-6513 JAPAN – 1006513 TEL: +81-3-3217-7377 FAX: +81-3-3217-7334	Despatch through: By Road	Destination: Dhaka
	Delivery address: Nippon Signal Dhaka Office c/o Marubeni L&T JV CP-7 Project office Block I, Sector 16, Road: Sonargoon Junapath, Diabari, Uttara, Dhaka-1230, Bangladesh.	

Dear Sir/Madam
We are pleased to confirm an order on you for the supply of the following, as per the specification, terms and conditions furnished below:

No	Item	Total Qty	UOM	Unit Rate (USD)	Total (in USD)
1	Marker Board Fixation Triangle Type (Drawing Number: RZ2116A-001E)	86	Nos	42.57	3,661.02
2	Marker Board Fixation on Balast (Drawing Number: RZ2116B-001E)	88	Set	191.09	16,815.92
3	Marker Board Stand Type (200X250) (Drawing Number: RZ2116C-001E)	140	Nos	105.94	14,831.60
4	Marker Board Stand Type (300X150) (Drawing Number: RZ2116D-001E)	23	Nos	105.94	2,436.62
5	Marker Board Stand Type Inspection Line (200X250) (Drawing Number: RZ2116E-001E)	14	Nos	64.35	900.90
Sub-Total Amount					38,646.06
Amount in Words: USD Thirty- Eight Thousand Six Hundred Forty- Six and Six cent only.					Grand Total (USD) 38,646.06




Nippon Signal Co., Ltd

K. Koguchi

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Order Details:				
Location/ Equipment	Payment Schedule	Order Number		Payment
				USD
Supply of Marker Board Fixtures	Claim 100% against delivery of the materials at project warehouse with acknowledgement.	100%	DM6-NS-SIG-SC-PO-2200069	38,646.06

Note: You shall guarantee that the requirement for functional specification is fulfilled. In case that you have not fulfilled the requirement on the quality, we may issue a written notice to you, and you shall resolve the problem within 10 days from receipt of such notice at your cost.

Contact details: Nippon Signal Dhaka Office
Mahargha Ghosh
Tel: +880-1324731359
Email: m.ghosh@ns-dhaka.com

You are requested to kindly acknowledge for this Purchase Order.


Signature: 




Nippon Signal Co., Ltd

K. Koguchi

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Nippon Signal Co., Ltd.


K. Koguchi

Kazuhiro Koguchi
General Manager
Material Procurement Dept
Kuki Plant

APPENDIX-1: TERMS AND CONDITIONS

1. PRICES: Prices are to be understood on accepted offer basis in Dollar (USD).
2. The prices are total price in USD as per approved quotations which is inclusive loading at factory, Insurance, logistics and handling charges, delivery & unloading at Nippon Signal site warehouse at Dhaka.
3. WARRANTY: The warranty will be applicable pursuant to guideline of buyer requirements, specification & acceptance of projects. For any manufacturing defects the maximum liability is to replace these materials in case of defects applicable with proven liability (not applicable for non-contractual activities like improper handling, storage, improper installation, mis-use). The guidance on handling and storing should comply as per the document provided by the manufacturer or supplier.
4. DELIVERY: Delivery of these materials starts within 3-4 weeks and completes within as per accepted quotation guideline or date of technical acceptance /approval of data sheet by customer / issue of Purchase order whichever is agreed by both parties.
5. Liquidated damages if there is delay in delivering beyond 2 weeks or accepted quotation T&C, it will be calculated at the rate of 0.1% on the value of goods not delivered subject to the maximum of 10% of the value of delayed batch of goods

 Nippon Signal Co., Ltd


	NIPPON SIGNAL CO., LTD.
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Purchase Order

6. It will be supplier responsibility to deliver these materials at price given within the PO delivery timelines EXCEPT that of unforeseen Force Majeure situation. If the performance of a contractual obligation is prevented, restricted or delayed by a case of force majeure, the party on whom the obligation is incumbent shall, be exempted from any liability resulting from this prevention, restriction or delay concerned and the deadlines it shall have been given for the performance shall be extended accordingly. The party that is a victim of an event of force majeure shall so inform the other party in writing within fifteen (15) working days from the occurrence of the event that constitutes force majeure and shall take every reasonable step to minimize the consequences of such a situation, especially to avoid or limit a possible delay in delivering the Goods and/or performing the Services.
7. Products weight & quantity: It shall be supplied in standard packages & weight of unit. Variance will be between BOQ quality and Ordered Quantity. Any excess delivery of material above the ordered quality will not be claimed. BOQ has the variance positive 2%.
8. Delivery challan, evidence of works or acknowledge letter has to be submitted with invoice or bill.
9. Payment due 30 days after submission of invoice or supply reports
10. Mode of Payment bank transfer. Payment will be transferred from NS Bank to vendor bank account.
11. PAYMENT TERMS:
 - As per above payment milestone
12. Taxes and Duties: As per rules.
13. INSPECTION: As per project requirements.
14. Products shall be manufactured or supplied based on NS approved technical data sheets.
15. Internal Factory Acceptance Test (FAT) procedure formats and Quality Assurance Plan (QAP) documents, Method of works shall be confirmed by contractor within 10 days from the clear Purchase Order.
16. Products manufacturing, certifications, Acknowledged of Report, works or Rejection as per T&C given in quotations and any means of communication recognised by the both parties shall be followed.
17. Any contract entered based on this offer shall be governed by laws of Bangladesh and it will be subject to the exclusive jurisdiction.

END

 Nippon Signal Co., Ltd

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Purchase Order

Vendor: BEST DWELL ENGINEERING	Order Number: 9000822251	Order Date: 1/12/2023
House:08, Road 31, Sector 7, Uttara, Dhaka: 1230 Bangladesh.	Order Number: 9000822251-1	Amendment Date: 11/12/2023
Ph. No. +8801911326464	Supplier Ref. No.: BDE/INS/102/A	Supplier ref. date: 23/11/2023
E-Mail: bestdwelleng@gmail.com	Terms of Payment: As per the Attached Appendix-1	Delivery terms: As per the attached Appendix-1
Invoice Address/Billing Address: 1-5-1, Marunouchi, Chiyoda-ku, Tokyo, 100-6513 JAPAN - 1006513 TEL: +81-3-3217-7377 FAX: +81-3-3217-7334	Despatch through: By Road	Destination: Dhaka
Delivery/ Work address Nippon Signal Dhaka Office c/o Marubeni L&T JV CP-7 Project office Block I, Sector 16, Road: Sonargoan Janapath, Diabari, Uttara, Dhaka-1230, Bangladesh		

Dear Sir/Madam


We are pleased to confirm an order on you for the installation of Cable Trench & Pulpits Variation works of the following, as per the specification, terms and conditions furnished below:


No	Item	Total Qty	UOM	Unit Rate (USD)	Total (in USD)
1	Small Trench Modification, T-03	27	RM	253	6,831
2	Big Trench Modification, T-4, T-3, T-2	43	RM	334	14,362
3	Pulpit Modification	24	Nos	545	13,080
4	New Pulpit	7	Nos	721	5,047
Sub-Total Amount					39,320
Amount in Words: USD Thirty-Nine Thousand Three Hundred Twenty only.					Grand Total (USD) 39,320


Nippon Signal Co., Ltd

 *K. Koguchi*


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Order Details:				
Location/ Equipment	Payment Schedule	Milestone no.	Order Number	Payment
				USD
Installation of Cable Trench & Pulpits Variation Works.	100% Payment After Completion of works.	A	DM6-NS-SIG- SC-PO-2300094	39,320


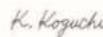
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Purchase Order																									
Vendor: BEST DWELL ENGINEERING House:08, Road 31, Sector 7, Uttara, Dhaka: 1230 Bangladesh. Ph. No. +8801911326464 E-Mail: bestdwelleng@gmail.com	Order Number: 9000786236 Order Date: May 17, 2023																								
House: 08, Road 31, Sector 7, Uttara, Dhaka: 1230 Bangladesh. Ph. No.: +8801911326464 E-Mail: bestdwelleng@gmail.com	Order Number: 89/A Amendment Date: April 12, 2023																								
Invoice Address/Billing Address: 1-5-1, Marunouchi, Chiyoda-ku, Tokyo, 100-6513 JAPAN – 1006513 TEL: +81-3-3217-7377 FAX: +81-3-3217-7334	Supplier Ref. No.: 89/A Supplier ref. date: April 12, 2023																								
Delivery address: Nippon Signal Dhaka Office c/o Marubeni L&T JV CP-7 Project office Block I, Sector 16, Road: Sonargoan Jannapath, Diabari, Uttara, Dhaka-1230, Bangladesh	Terms of Payment: As per the Attached Appendix-I Delivery terms: As per the attached Appendix-I																								
Despatch through: By Road	Destination: Dhaka																								
Dear Sir/Madam We are pleased to confirm an order on your for the supply of the following, as per the specification, terms and conditions furnished below:																									
<table border="1"> <thead> <tr> <th>No</th> <th>Item</th> <th>Total Qty</th> <th>UOM</th> <th>Unit Rate (USD)</th> <th>Total (in USD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Towards Supply of Cable tray, RCC JB Box, Cable Stand</td> <td>1</td> <td>Job</td> <td>49,742.00</td> <td>49,742.00</td> </tr> <tr> <td colspan="5" style="text-align: right;">Sub-Total Amount</td> <td>49,742.00</td> </tr> <tr> <td colspan="5"> Amount in Words: USD Forty-Nine Thousand Seven Hundred Forty-Two only. </td> <td> Grand Total (USD) 49,742.00 </td> </tr> </tbody> </table>	No	Item	Total Qty	UOM	Unit Rate (USD)	Total (in USD)	1	Towards Supply of Cable tray, RCC JB Box, Cable Stand	1	Job	49,742.00	49,742.00	Sub-Total Amount					49,742.00	Amount in Words: USD Forty-Nine Thousand Seven Hundred Forty-Two only.					Grand Total (USD) 49,742.00	
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Nippon Signal Co., Ltd. 																									


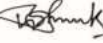
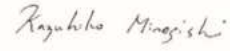

 NIPPON SIGNAL CO., LTD.																		
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Order Details:																		
<table border="1"> <thead> <tr> <th rowspan="2">Location/ Equipment</th> <th rowspan="2">Payment Schedule</th> <th rowspan="2">Milestone No</th> <th rowspan="2">Order Number</th> <th>Payment</th> </tr> <tr> <th>USD</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Supply works</td> <td>Claim 50% against delivery of the materials at project warehouse with acknowledgement.</td> <td>50%</td> <td>A1</td> <td>DM6-NS-SIG-SC-PO-2200077</td> <td>24,871.00</td> </tr> <tr> <td>After two month completion of delivery 50% of Installations works</td> <td>50%</td> <td>A2</td> <td></td> <td>24871.00</td> </tr> </tbody> </table>	Location/ Equipment	Payment Schedule	Milestone No	Order Number	Payment	USD	Supply works	Claim 50% against delivery of the materials at project warehouse with acknowledgement.	50%	A1	DM6-NS-SIG-SC-PO-2200077	24,871.00	After two month completion of delivery 50% of Installations works	50%	A2		24871.00	
Location/ Equipment					Payment Schedule	Milestone No		Order Number	Payment									
	USD																	
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	After two month completion of delivery 50% of Installations works	50%	A2		24871.00													
Note: You shall guarantee that the requirement for functional specification is fulfilled. In case that you have not fulfilled the requirement on the quality, we may issue a written notice to you, and you shall resolve the problem within 10 days from receipt of such notice at your cost.																		
Contact details: Nippon Signal Dhaka Office Mr. Abu Kaosar Tel: +880-1324731331 Email: kaosar@ns-dhaka.com																		
You are requested to kindly acknowledge for this Purchase Order.																		
Signature: _____																		
Nippon Signal Co., Ltd.  Kazuhiro Koguchi General Manager Material Procurement Dept Kuki Plant																		
Nippon Signal Co., Ltd.																		

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1. PRICES: Prices are to be understood on accepted offer basis in Dollar (USD).	
2. The prices are total price in USD as per approved quotations which is inclusive loading at factory, Insurance, logistics and handling charges, delivery & unloading at Nippon Signal site warehouse at Dhaka and dispatch materials from warehouse, installations work as per site requirements.	
3. WARRANTY: The warranty will be applicable pursuant to guideline of buyer requirements, specification & acceptance of projects. For any manufacturing defects the maximum liability is to replace these materials in case of defects applicable with proven liability (not applicable for non-contractual activities like improper handling, storage, improper installation, mis-use). The guidance on handling, storing and installation of materials should comply as per the document provided by the manufacturer or supplier.	
4. DELIVERY : Delivery of these materials starts within 4-5 weeks and completes within as per accepted quotation guideline or date of technical acceptance /approval of data sheet by customer / issue of Purchase order whichever is agreed by both parties.	
5. Liquidated damages if there is delay in delivering beyond 2 weeks or accepted quotation T&C, it will be calculated at the rate of 0.1% on the value of goods not delivered subject to the maximum of 10% of the value of delayed batch of goods	
6. It will be supplier responsibility to deliver these materials at price given within the PO delivery timelines EXCEPT that of unforeseen Force Majeure situation. If the performance of a contractual obligation is prevented, restricted or delayed by a case of force majeure, the party on whom the obligation is incumbent shall, be exempted from any liability resulting from this prevention, restriction or delay concerned and the deadlines it shall have been given for the performance shall be extended accordingly. The party that is a victim of an event of force majeure shall so inform the other party in writing within fifteen (15) working days from the occurrence of the event that constitutes force majeure and shall take every reasonable step to minimize the consequences of such a situation, especially to avoid or limit a possible delay in delivering the Goods and/or performing the Services.	
Nippon Signal Co., Ltd. 	


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<p>7. Products weight & quantity: It shall be supplied in standard packages & weight of unit. Variance will be between BOQ quality and Ordered Quantity. Any excess delivery of material above the ordered quality will not be claimed. BOQ has the variance positive 2%.</p> <p>8. Delivery challan, evidence of works or acknowledge letter has to be submitted with invoice or bill.</p> <p>9. Payment due 30 days after submission of invoice or supply or installation reports</p> <p>10. Mode of Payment bank transfer. Payment will be transferred from NS Bank to vendor bank account.</p> <p>11. PAYMENT TERMS: ➤ As per above payment milestone</p> <p>12. Taxes and Duties: As per rules.</p> <p>13. INSPECTION: Not Required</p> <p>14. Products shall be manufactured or supplied based on NS approved technical data sheets.</p> <p>15. Internal Factory Acceptance Test (FAT) procedure formats and Quality Assurance Plan (QAP) documents, Method of works shall be confirmed by contractor within 10 days from the clear Purchase Order.</p> <p>16. Products manufacturing, certifications, Acknowledged of Report, works or Rejection as per T&C given in quotations and any means of communication recognized by the both parties shall be followed.</p> <p>17. Any contract entered based on this offer shall be governed by laws of Bangladesh and it will be subject to the exclusive jurisdiction.</p>	
END	
Nippon Signal Co., Ltd	
<i>K. Koguchi</i>	


	NIPPON SIGNAL CO., LTD.																																				
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Purchase Order																																					
Vendor: BEST DWELL ENGINEERING House:08, Road 31, Sector 7, Uttara, Dhaka: 1230 Bangladesh. Ph. No. +8801911326464 E-Mail: bestdwelleng@gmail.com	Order Number: 9000810643 Order Date: August 25, 2023 Order Number: Amendment Date: Supplier Ref. No.: BDE/INS/88 Supplier ref. date: August 16, 2023 Terms of Payment: As per the Attached Appendix-1 Delivery terms: As per the attached Appendix-1																																				
Invoice Address/Billing Address: 1-5-1, Marunouchi, Chiyoda-ku, Tokyo, 100-6513 JAPAN – 1006513 TEL: +81-3-3217-7377 FAX: +81-3-3217-7334	Despatch through: By Road Destination: Dhaka Delivery/ Work address Nippon Signal Dhaka Office c/o Marubeni L&T JV CP-7 Project office Block I, Sector 16, Road: Sonargoan Janapath, Diabari, Uttara, Dhaka-1230, Bangladesh																																				
Dear Sir/Madam We are pleased to confirm an order on you for the installation of Depot Lab Installation works of the following, as per the specification, terms and conditions furnished below:																																					
<table border="1"> <thead> <tr> <th>No</th> <th>Item</th> <th>Total Qty</th> <th>UOM</th> <th>Unit Rate (USD)</th> <th>Total (in USD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Installation of works of Indoor BOQ(B32-104) with consumable items.</td> <td>1</td> <td>Lot</td> <td>2,723</td> <td>2,723</td> </tr> <tr> <td>2</td> <td>Installation of works of Indoor BOQ(B33-104) with consumable items.</td> <td>1</td> <td>Lot</td> <td>6,433</td> <td>6,433</td> </tr> <tr> <td>3</td> <td>Installation of works of Indoor BOQ(B32-235) with consumable items.</td> <td>1</td> <td>Lot</td> <td>427</td> <td>427</td> </tr> <tr> <td colspan="5" style="text-align: right;">Sub-Total Amount</td> <td>9,583</td> </tr> <tr> <td colspan="5"> Amount in Words: USD Nine Thousand Five Hundred Eighty-Three only. </td> <td> Grand Total (USD) 9,583 </td> </tr> </tbody> </table>	No	Item	Total Qty	UOM	Unit Rate (USD)	Total (in USD)	1	Installation of works of Indoor BOQ(B32-104) with consumable items.	1	Lot	2,723	2,723	2	Installation of works of Indoor BOQ(B33-104) with consumable items.	1	Lot	6,433	6,433	3	Installation of works of Indoor BOQ(B32-235) with consumable items.	1	Lot	427	427	Sub-Total Amount					9,583	Amount in Words: USD Nine Thousand Five Hundred Eighty-Three only.					Grand Total (USD) 9,583	
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 Nippon Signal Co., Ltd																																					
																																					

	NIPPON SIGNAL CO., LTD.											
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Order Details:												
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Location/ Equipment					Payment Schedule	Milestone no.	Order Number	Payment				
	USD											
Depo-Lab Installation Works	100% Payment After Completion of works.		DM6-NS-SIG-SC-PO-2300090	9,583								
Note: You shall guarantee that the requirement for functional specification is fulfilled. In case that you have not fulfilled the requirement on the quality, we may issue a written notice to you, and you shall resolve the problem within 10 days from receipt of such notice at your cost.												
Contact details: Nippon Signal Dhaka Office Vinodkumar Gupta Tel: +880-1315-388638 Email: vinod.gupta@ns-dhaka.com												
You are requested to kindly acknowledge for this Purchase Order.												
Signature: 												
Nippon Signal Co., Ltd.  Kazuhiko Minegishi General Manager Material Procurement Dept Kuki Plant												
Nippon Signal Co., Ltd												
												


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<p>APPENDIX-1: TERMS AND CONDITIONS</p> <ol style="list-style-type: none"> PRICES: Prices are to be understood on accepted offer basis in Dollar (USD). The prices are total price in USD, which is inclusive installations works at site with consumable items, required materials loading from the warehouse, Insurance, logistics and handling charges, delivery & unloading at Nippon Signal site at Dhaka. Materials carrying from warehouse to site & also installation at site as per requirements of project. WARRANTY: The warranty will be applicable pursuant to guideline of buyer requirements, specification & acceptance (quotations, Contract Agreement or any means of written communication) of projects. For any manufacturing defects of consumable items & improper installation the maximum liability is to replace these materials or works in case of defects applicable with proven liability (not applicable for non-contractual activities like improper handling, storage, improper installation, mis-use). The guidance on handling, storing and installation of materials should comply as per the NS guidelines. It is the contractor responsibility to ensure HSE Managers guidelines during completion of the works. INSTALLATIONS: Installation works of these materials starts within 1-2 weeks and completes within as per accepted quotation, guideline or date of technical acceptance /approval of data sheet by customer / issue of Purchase order whichever is agreed by both parties. Liquidated damages if there is delay in installations works beyond 4 weeks or accepted quotation T&C, it will be calculated at the rate of 0.1% on the value of goods not installed subject to the maximum of 10% of the value of delayed batch of goods or services It will be supplier or contractor or second party responsibility to deliver & install these materials at price given within the PO delivery timelines EXCEPT that of unforeseen Force Majeure situation. If the performance of a contractual obligation is prevented, restricted or delayed by a case of force majeure, the party on whom the obligation is incumbent shall, be exempted from any liability resulting from this prevention, restriction or delay concerned and the deadlines it shall have been given for the performance shall be extended accordingly. The party that is a victim of an event of force majeure shall so inform the other party in writing within fifteen (15) working days from the occurrence of the event that constitutes force majeure and shall take every reasonable step to 	
Nippon Signal Co., Ltd	

Rajubha Mungishi


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<p>minimize the consequences of such a situation, especially to avoid or limit a possible delay in delivering the Goods and/or performing the Services.</p> <ol style="list-style-type: none"> Products or consumable items quality & weight, Installation works & quantity: It shall be supplied in standard packages & weight of unit. For installation works, functional activities should be performed & accepted by client or as per site requirements. Variance will be between BOQ quality and Ordered Quantity. Any excess delivery & installation of material above the ordered quality will not be claimed. BOQ has the variance positive 2%. Delivery challan or acknowledge letter has to be submitted with invoice or bill. For installation works joint measurement sheet or evidence of works acknowledged by installation manager should be submitted with the bill. Total Payment due 30 days after completion of work or supply. Mode of Payment bank transfer. Payment will be transferred from NS Bank to vendor bank account. PAYMENT TERMS: <ul style="list-style-type: none"> As per payment milestone following accepted quotation & acknowledged by customer. Taxes and Duties: TDS, VDS or other duties will be deducted as per government rules. Products shall be manufactured or supplied and installed based on NS approved technical data sheets. Installation works completion, certifications, Acknowledged of Report or Rejection as per T&C given in quotation and any means of communication recognised by the both parties shall be followed. Any contract entered based on this offer shall be governed by laws of work place country/arbitration and it will be subject to the exclusive jurisdiction. 	
END	
Nippon Signal Co., Ltd	


Rajubha Mungishi


	NIPPON SIGNAL CO., LTD.																								
Page 1/4																									
Purchase Order																									
Vendor: BEST DWELL ENGINEERING House:08, Road 31, Sector 7, Uttara, Dhaka: 1230 Bangladesh. Ph. No. +8801911326464 E-Mail: bestdwelleng@gmail.com	Order Number: 9000786232 Order Date: December 21,2022 Order Number: Amendment Date: Supplier Ref. No.: BDE/INS/70 Supplier ref. date: December 15, 2022 Terms of Payment: As per the Attached Appendix-1 Delivery terms: As per the attached Appendix-1																								
Invoice Address/Billing Address: 1-5-1, Marunouchi, Chiyoda-ku, Tokyo, 100-6513 JAPAN – 1006513 TEL: +81-3-3217-7377 FAX: +81-3-3217-7334	Despatch through: By Road Destination: Dhaka Delivery/ Work address Nippon Signal Dhaka Office c/o Marubeni L&T JV CP-7 Project office Block I, Sector 16, Road: Sonargao Janapath, Diabari, Uttara, Dhaka-1230, Bangladesh																								
Dear Sir/Madam We are pleased to confirm an order on you for the installation base frame & cable tray of the following, as per the specification, terms and conditions furnished below:																									
<table border="1"> <thead> <tr> <th>No</th> <th>Item</th> <th>Total Qty</th> <th>UOM</th> <th>Unit Rate (USD)</th> <th>Total (in USD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Installation of Base frame & Cable tray at Station-10 to 16 with consumable items. (Phase-02)</td> <td>1</td> <td>Job</td> <td>13,867.92</td> <td>13,867.92</td> </tr> <tr> <td colspan="5" style="text-align: right;">Sub-Total Amount</td> <td>13,867.92</td> </tr> <tr> <td colspan="5"> Amount in Words: USD Thirteen Thousand Eight Hundred Sixty-Seven and Ninety-Two cent only. </td> <td> Grand Total (USD) 13,867.92 </td> </tr> </tbody> </table>	No	Item	Total Qty	UOM	Unit Rate (USD)	Total (in USD)	1	Installation of Base frame & Cable tray at Station-10 to 16 with consumable items. (Phase-02)	1	Job	13,867.92	13,867.92	Sub-Total Amount					13,867.92	Amount in Words: USD Thirteen Thousand Eight Hundred Sixty-Seven and Ninety-Two cent only.					Grand Total (USD) 13,867.92	
No	Item	Total Qty	UOM	Unit Rate (USD)	Total (in USD)																				
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Nippon Signal Co., Ltd																									

K. Koguchi

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Order Details:				
Location/ Equipment	Payment Schedule	Milestone no.	Order Number	Payment
				USD
Installation of base frame and cable tray.	After completion of 100% of installation.	SI	DM6-NS-SIG-SC-PO-2200072	13,867.92

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Article 5 Performance Bank Guarantee

NOT USED

Article 6 Payment conditions

6.1 Payment to the Second Party shall be made by bank transfer in the denomination of Bangladesh Taka, pursuant to Milestone described in below. The transfer fee shall be borne by the First Party.

MS	Milestone	Percentage of value	Payment amount (BDT)
C1	After Construction of Casting Yard	12%	1,522,478
C2	After completion of 50% trench work	30%	3,806,196
C3	After completion of 100% trench work	30%	3,806,196
C4	After completion of Cable Trench Top Covers work (pre-casting in Casting Yard & installation at site).	15%	19,03,098
C5	Cylinder test and transportation cost	2%	253,746
C6	PCC concreting and dismantling cost	4%	507,493
C7	Dismantling of casting yard	2%	253,746
C8	Retention (To be paid after 2 year of handover)	5%	634,367
	Total		12,687,320

6.2 The First Party shall issue the milestone completion certificate to the Second Party pursuant to achievement of the milestone completion on the condition that the milestone objectively is completed by the Second Party and the First Party can acknowledge and confirm the milestone completion. After the issuance of the milestone completion certificate by the First Party, the Second Party shall issue the invoice pursuant to the milestone completion certificate. In addition, the First party shall notify the Second Party of the concrete usage fee for each milestone.

6.3 For raising invoice against work complete; the Second Party shall submit the following document to the First Party.

- Inspection evidence of Installation manager, PM/ DPM of Nippon Signal
- Inspection evidence of NKDM site engineer (Client Inspection).
- submission of invoice by the vendor

6.4 The First Party shall make payment to the Second Party within 30 days from the date of receiving the invoice.

6.5 The income tax shall be deducted at source from the Contract Price to be paid to the Second Party pursuant to the statutory requirements.

Article 7 Liquidated damage for delay

7.1 If the Second Party is unable to complete task within 150 days from agreement execution date for any reasons attributable to the Second Party, it shall be deemed to be delay.

7.2 In case of delay on the part of the Second Party, the Second Party shall be liable to pay liquidated damages and any other compensation for the damages suffered by First Party as per Clause 7.3. This is without prejudice to the right of First Party to rescind this Agreement.

7.3 Liquidated damage shall be recovered as provided in this Agreement. Such liquidated damage shall be computed by 0.1% of Contract Price per one day delay with an upper limit of 100% of the Contract Price. The First Party may, without prejudice to any other method of recovery, deduct the amount of such damages from any sum due, or to become due, to the Second Party. Deduction of such damages as defined within this Article shall not relieve the Second Party from its obligations to complete Job or from any other duties, obligations or responsibilities under this Agreement.

Article 8 Limitation of liability

8.1 Should the Second Party commit any of the material breaches or failings but is not limited to below, the First Party shall be entitled to pursue for its recovery of any loss incurred. As such, any limit on liability in this Agreement shall not apply to:

- under any other provisions of this Agreement which expressly impose a greater liability;
- in cases of fraud, willful misconduct or illegal or unlawful acts;
- in cases of acts or omissions of the Second Party which are contrary to the elementary rules of diligence which a conscientious entities or persons in similar situation as Second Party would have followed in similar circumstances;
- sickness, or disease, or death of, or injury to any person;
- loss of, or damage to, or destruction of any property (other than Job) including consequential loss of use;

8.2 If any delay or change arises from force majeure situation (floods, war, natural calamity, fire etc.) occur, the First Party and Second Party shall discuss the cost sharing or other necessary matters.

Article 9 Defects liability

9.1 The Second Party shall guarantee that the requirement for functional specification specified in the relevant Job shall be fulfilled, if the deliverables of Job is put into operation under the conditions compliant with the purpose of its design. The above-mentioned warranty includes, but is not limited to the implied warranty of merchantability or fitness for a specific purpose. The Second Party shall not become liable for any failings within its warranted design should it be found that such failing was due to gross negligence or malicious intent of the First Party.

9.2 In case that the Second Party has not fulfilled the conditions of Clause 9.1 on the quality of the performance, the First Party may issue a written notice to the Second Party, and the Second Party shall resolve the problem within 10 days from receipt of such notice. The Second Party shall bear the cost required to rectify the problem.

The Defect Liability Period of the Job shall start from the date in which the Second Party handover the Job of each milestone and shall continue for 24 (Twenty-four) months from the commencement date of the Defect Liability period (the "Defect Liability Period") but the Second Party shall indemnify losses or damages

incurred if the defaults related to the Job are found after Defect Liability Period. During the Defect Liability Period, the Second Party shall provide, at its own cost, competent and skilled personnel and maintain adequate stock of spares so as to promptly fulfill its warranty obligations pursuant to this Agreement. In the case of repairing defects, the Second Party shall be liable for the Defect Liability for another 12 (twelve) months from the date of completion of the repair.

The Second Party shall ensure the supply of all the supply work components for a period of 10 years from the expiry of the Defect Liability Period. If, after the expiration of the Defects Liability Period, additional works are required for reasons not attributable to the Second Party, it might be considered a repair and therefore subject to requirement of the First Party to issue a new Job to the Second Party including payment for Works undertaken.

Article 10 Performance certificate

1 The Second Party shall not be considered to have completed the Job until a performance certificate has been signed by the First Party and delivered to the Second Party at the end of the Defect Liability Period. This shall state the date on which the Second Party completed its obligations related to completion of the Job and rectification of defects during the Defect Liability Period to the First Party's satisfaction. Only the performance certificate shall be deemed to constitute approval of the Job. The First Party shall not reasonably refuse issue of such certificate.

Article 11 Expenses

1 Second Party shall bear the expenses of salaries, cost of material, cleaning expenses, communication expenses, freight expenses, office expenses, travel expenses, visa/ administrative cost in Bangladesh etc. pursuant to this Agreement, for accomplishing Job, and bear all expenses necessary for performing the obligations of the Second Party under this Agreement, as defined within Article 2.

2 In case the additional agreement has been confirmed by Benefactor pursuant to variations based on Master Agreement, the First Party might consider an additional agreement with the Second Party.

Article 12 Site management

1 The Second Party shall take the responsibility of inventory management at its own cost. When loading/unloading & transportation of the goods from First Party's any warehouses to any section to execute the Job.

2 Second Party shall provide the safety, health and environment (SHE) supervisor to execute Job at its own cost and shall take all reasonable precautions to safeguard the safety and health of all persons and the security of Job. In order to meet the requirement of Master Agreement, Second Party shall work under the guidance & instructions of First Party SHE Manager. Second Party shall take the responsibility for provision of security guards and cleaners in a manner that is appropriate and effective as per requirements contained within Article



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Article 13 Insurance

13.1 The Second Party shall at its expense take out and maintain in effect, or cause to be taken out and maintained in effect the insurance below listed which is satisfactory to the First Party, during the performance of this Agreement. The identity of the insurers and the form of the policies shall be subject to the approval of First Party, who should not unreasonably withhold such approval.

(i) Transit Insurance During Transport

Covering loss or damage occurring to equipment while in transit from First Party's warehouse and/or Second Party's warehouse until arrival at the site.

(ii) Automobile Liability Insurance

Covering use of all vehicles used by the Second Party or its Sub-Contractors (whether or not owned by them) in connection with the execution of this Agreement. Automobile liability shall be met with the requirement of Bangladesh Motor Vehicle Act.

(iii) Workers' Compensation and Medical Insurance

The Second Party shall at its expense effect and maintain insurance against losses and claims arising from the death or injury to any person employed by Second Party or any Sub-Contractors (wherever applicable) in such a manner that the First Party is indemnified under the policy of insurance (where such insurable risk shall exist). The insurance shall be maintained in full force and effect during the whole time that these personnel are assisting, conducting or executing the Job(s) and during the term of Defect Liability. Each worker shall be insured for not less than 300,000 Bangladesh Taka but necessary amount shall be insured.

13.2 The Second Party shall deliver to the First Party certificates of insurance (or copies of the insurance policies) as evidence that the required policies are in full force and effect. The certificates shall provide that no less than 21 days' notice shall be given to the First Party by insurers prior to cancellation or material modification of a policy.

13.3 The Second Party shall ensure that, where applicable, its Sub-Contractors shall take out and maintain in effect adequate insurance policies for their personnel and vehicles and for work executed by them under this Agreement, unless such Sub-Contractors are covered by the policies taken out by the Second Party.

13.4 If the Second Party fails to take out and/or maintain in effect the insurances referred to Clause 13.1, the First Party may take out and maintain in effect any such insurances and may deduct from any amount due to the Second Party under this Agreement, from time to time, any premium that the First Party shall have paid to the insurer, or may otherwise recover such amount as a debt due from Second Party. If the Second Party fails to, or is unable to take out and maintain in effect any such insurance, the Second Party shall have full responsibility against the First Party for any and all liabilities of the First Party herein.

13.5 Unless otherwise provided in this Agreement, the Second Party shall prepare and conduct all and any claims made under the policies pursuant to Clause 13, and all money payable by any insurers shall be paid to the Second Party. With respect to insurance claims in which the First Party's interest are involved, the Second Party shall not give any release or make any compromise with the insurer without the prior written consent of First Party. Such agreement shall not reasonably be withheld.

Article 14 Intellectual Property Rights

14.1 Intellectual property rights developed by the Second Party in the course of executing Job shall belong to the First Party. This shall not include pre-existing systems and process developed by the Second Party of which may be of beneficial use on the Job.

14.2 The Second Party shall bear full responsibility pertaining to the third-party intellectual property rights and other rights, which are used by the Second Party for the Job.

14.3 The copyright of documents produced in the performance of the Second Party shall belong to First Party should this be for the purpose only of the Job and not existing or in progress copyright developed by the Second Party for its own process. The Second Party shall ensure that the First Party and Benefactor shall be entitled to use the copyright of documents previously held by the Second Party, and the copyright of documents licensed by the third party free of charge. Such documents may only be used for purpose of the Job and not on an on-going basis.

14.4 As a result of suspected infringement or actual infringement of the intellectual property rights belonging to the third party, which was caused by the Second Party, the Second Party shall bear all responsibility and compensate and indemnify the First Party and Benefactor from and against any loss, damage, costs, expenditure incurred by the First Party and Benefactor in connection with the claim alleged by the third party.

14.5 In case there has been an infringement of intellectual property rights for the performance or part of the performance by the Second Party and the usage has been restricted due to court order, the Second Party shall, in accordance with the sole discretion of the First Party, at its expense, purchase the rights for the First Party and Benefactor, to continue using the affected part, or shall replace the affected part with the non-infringing one so that there is no infringement of rights, or add changes in the affected part so that there is no infringement of rights.

Article 15 Responsibility for executing Job

15.1 Second Party shall, defend, compensate, and indemnify the First Party and/or Benefactor, against all costs, expenditure, loss, damage, and legal liability, arising from a claim or warning of a claim or related to a claim by a third party, on the basis of death, injury or damage to property, caused directly or indirectly, or suspected to be caused by executing Job. Such liability shall not extend to the Second party if it is found this to be due to gross negligence or malicious intent of the First Party and/or Benefactor.

Article 16 Termination of Agreement

16.1 In case Master Agreement is terminated partially or in full at the convenience of Benefactor, the First Party may terminate this Agreement partially or in full. In that case the Second Party may claim to the First Party, if the work executed and the equipment actually loaded are inspected and the completion of such part of work are confirmed by the First Party, the consideration for the volume of work executed until the termination for the equipment for Job actually loaded therein on the date of termination of this Agreement, and the cost of damages incurred due to early termination of this Agreement, and the First Party shall immediately pay the consideration and cost of damages to the Second Party. However, this Clause is not applied when Master Agreement is terminated.

Agreement is terminated due to breach of contract by or negligence or malicious intent of the Second Party.

16.2 In case of default of this Agreement by each of the parties, the other party at its own discretion may instruct the defaulting party through written notification, to fulfill the obligation within a reasonable period of time. If the default is not rectified within the said period, the party giving such notification may request the defaulting party to compensate for damages, and reimburse the costs incurred due to the default, without prejudice to the right of termination and other right under this Agreement or given at law.

16.3 If the First Party determines after consultation with the Second Party that the fulfillment of this Agreement by the Second Party has been improper, the First Party may terminate this Agreement. The First Party's decision to terminate this Agreement shall not prejudice any other rights of the First Party under this Agreement. The Second Party shall not make any claim against the First Party's decision except for its costs incurred to the date of said termination in accordance with Clause 16.1.

Article 17 Subcontract

17.1 The Second Party shall not sub-contract any part of the Job without prior written consent of the First Party. Such written consent shall not be unreasonably refused.

17.2 In case the Second Party wishes to sub-contract a part of Job to a Sub-Contractor, The Second Party shall notify it to the First Party, submit the documentation requested by the First Party and obtain written consent from the First Party in advance.

17.3 Pursuant to the provisions in the preceding paragraph, even if Job is Sub-Contracted by the Second Party to a Sub-Contractor with the consent of the First Party, the Second Party is not discharged from its obligations to the First Party under this Agreement.

17.4 The Second Party shall be responsible for observance by all Sub-Contractors of all the provisions of this Agreement. The Second Party shall be responsible for the acts or defaults of any Sub-Contractor, his representatives, officers or employees, as fully as if they were the acts or defaults of the Second Party, his representatives, officers or employees.

17.5 The Second Party shall ensure that their Sub-Contractors, material/equipment suppliers, consultants and other agencies deployed by them in connection with execution of this Agreement do not make any claim or raise any dispute before the First Party directly. Any such claims shall be submitted to the Second Party for review. Should the Second Party feel the loss incurred and claimed be relevant it shall submit a claim to the First Party for review.

Article 18 Reasonable request acceptance

18.1 Upon the request of the First Party, Second Party shall submit materials and other information supporting the applications to be provided to Benefactor to First Party.

Article 19 Prohibition from manufacture and sale of same / similar products

19.1 Not Used.



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Article 20 Progress report

- 20.1 The Second Party shall follow the schedule of works program which is provided by the First Party in order to meet the requirement of the Benefactor.
- 20.2 For the status of progress, the Second Party shall report in writing, the actual progress of the Job and the schedule, at the interval or date and time separately instructed by the First Party.
- 20.3 In case the Second Party is unable to complete the Job within the key date mentioned in Annex 2, the reason and the completion schedule shall be submitted in writing to the First Party before the key date.
- 20.4 Unless otherwise specified, the Second Party shall provide (but not limited to) the documents, reports and evidences to the First Party within 7 calendar days if the First Party requires them. This clause is applicable to all Articles in this Agreement.

Article 21 Prohibition of direct negotiation

- 21.1 Except otherwise indicated separately by the First Party in writing, the Second Party shall not engage in direct negotiations with the Benefactor or a concerned party of the First Party, with respect to the Job.
- 21.2 The Second Party shall not make any request / bill / claim against the Benefactor or cause any conflict.

Article 22 Repair

- 22.1 If repair or maintenance is required for Job that was executed by the Second Party after the Defect Liability Period, upon the request of the First Party, the Second Party shall collaborate with the First Party to execute Job within a reasonable time frame, and at reasonable cost. The First Party shall issue a new Job Agreement with such costs and time to complete the Works prior to the Second Parties mobilization. If, such repairs are required due to the reasons attributable to the Second Party, the Second Party shall execute Job and repair within a reasonable time frame designated by the First Party and the Second Party shall not be paid for such Job and repair.

Article 23 Language

- 23.1 All transactions between the First Party and the Second Party shall be in English.

Article 24 Governing law

- 24.1 This Agreement shall be governed by the Laws of Singapore.

Article 25 Arbitration

- 25.1 Any dispute, controversy, conflict or difference of opinion between parties of this Agreement, or between the concerned parties, breach of contract that cannot be amicably resolved between the parties within 30 days from the issuance of a written dispute notified by one of the parties, shall be finally resolved by arbitration in Singapore, in accordance with the current rules of Arbitration of the International Chamber of Commerce (ICC). The arbitration shall be conducted in English language.
- The award is final, and shall be binding on the parties involved in the arbitration proceedings.

Article 26 Legal compliance

- 26.1 The Second Party shall observe and comply with all applicable laws in executing Job.
- 26.2 The Second Party shall comply with the laws, regulations and all other matters concerned with welfare programs in Bangladesh, defined in the Master Agreement. On the other hand, in case the First Party is forced to pay a penalty or other sum to the Benefactor as a result of compliance deviations by the Second Party, the Second Party shall compensate for the damages incurred by First Party.
- 26.3 The Second Party, in response to the request of the First Party, shall appropriately submit the necessary documents certifying compliance with laws and regulations.

Article 27 Publicity

- 27.1 The Second Party shall not publish or otherwise circulate alone or in conjunction with any other persons, any articles, photographs or other materials relating to Job except with the permission, in writing, of the First Party. The Second Party shall ensure that its sub-contractors of any tier shall be bound by a like obligation and shall, if so required by the First Party, enforce the same at its own expense. The provisions of this Sub-Clause shall not exempt the First Party from complying with any statutory provision in regard to the taking and publication of photographs.

Article 28 Complete contract

- 28.1 This Agreement constitutes an entire agreement between the parties, and unless otherwise explicitly specified, this Agreement shall have precedence over all official or unofficial negotiations, agreements, matters of affirmation in verbal or signed in writing on this matter except confidential agreement between the First Party and the Second Party.

Article 29 Suspension of service

- 29.1 The Second Party has no right to suspend the Services without the written approval of the First Party.
- 29.2 The First Party may by written notice ("Suspension Order") issued to the Second Party suspend the Services under this Agreement at any time at its sole discretion without cause.
- 29.3 Upon the issue of a Suspension Order the Second Party shall forthwith cease performance of Services, comply with the terms of the Suspension Order and vacate the Site.
- 29.4 The Second Party will promptly recommence provision of Services on receipt of a notice to do the same from the First Party following any completion of any Suspension Order.
- 29.5 Any costs of a suspension will be borne by the Second Party.
- 29.6 Following a Suspension Order, the First Party will determine, acting reasonably, whether an extension of the key date is required. Unless otherwise directed by the First Party a Suspension Order will not affect the key date.

Article 30 Non solicitation

- 30.1 During the term of this Agreement, and for a period of twelve months thereafter, either party shall (without the prior written consent) solicit, recruit, call upon, communicate, solicit, or induce, or attempt to

endeavor to recruit, solicit, or induce or entice or offer on your own behalf or on behalf of or in conjunction with any person or legal entity (i.e. either directly or indirectly) to employ, sub-contract, collaborate, form alliance or any other form of arrangement with any officer, employee or the Second Party of the party .

Article 31 Meetings

- 31.1 Meetings shall take place at a venue mutually decided by the parties with participation by the authorized representatives of both parties. The meetings shall be properly recorded and signed by the representatives attending the same. All decisions shall be taken unanimously.

Article 32 Amendments

- 32.1 Any amendments to this agreement shall be in writing and signed by the authorized representatives of the parties.

Article 33 Assignment

- 33.1 Neither Party shall be entitled to assign any of its rights nor do obligations as contained in this agreement, except with the prior written consent of the other Party.

Article 34 Specific Conditions

- 34.1 Ready Mix concrete shall be supplied by the First Party thru L&T. The concrete cost shall be deducted by the First Party at actuals as per mutually agreed rates as per Annexure - 2.
- 34.2 All concrete trench shall be closed on both sides using a shutter provided with a hole of 170 dia.
- 34.3 All payments shall be made only after the Request for Inspection (hereinafter referred to as "RFI") is closed by the First Party and client's engineer. The Second Party shall complete the work in all aspects before the RFI. However, if any comments raised by the First Party and/or client's engineer after the RFI, the Second Party shall repair the pointed out part within the period specified by the First Party or the client's engineer.
- 34.4 Minimum 3 No's of Cylinder Sample (7 days(1No's) & 28 days(2No's)) shall be taken during cable trough concreting for Compressive Strength Test. Test shall be done in batching plan of concrete provider either CP-02 / CP-03. 7 days and 28 days Compressive Strength Test report to be submitted to the First Party within 30 days from Concreting.
- 34.5 Complete casting & installation schedule shall be submitted to the First Party for mutual agreement.
- 34.6 A detailed installation method statement along with inspection checklist shall be submitted to the First Party for client approval.
- 34.7 All loading & unloading of material (cable troughs top cover) from casting yard/sub-con warehouse to Depot (site area) shall be in the scope of sub-con only including transportation & manpower.
- 34.8 A complete Project File Along with all Design & Diagram will be submitted at the time of Hand-over the project by the Second Party



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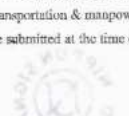


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Article 35 Notices

35.1 All notices and communications shall be sent to the following addresses of the parties:

First Party: Nippon Signal Co., Ltd.

Billing Address

1-5-1, Marunouchi, Chiyoda-Ku, Tokyo 100-6513, Japan
Shin-Marunouchi Building 13th floor.

Delivery Address

WAKUTSU Takuya

NIPPON SIGNAL CO., LTD., DHAKA OFFICE CP-7 Project Office
Block I, Sector 16, Road: Sonargaon Janapath, Dhabari, Uttara, Dhaka-1230, Bangladesh.

Second Party:

Eqbal Hossain Faruk

House no - 08, Road no - 31,

Sector No-07,

Uttara, Dhaka - 1230

All notices shall be deemed to have been validly given on (i) the business date immediately after the date of transmission with confirmed answer back, if transmitted by facsimile/electronic transmission, or (ii) the business date of receipt, if transmitted by courier or registered post.

Any Party may, from time to time, change its address or representative for receipt of notices provided for in this Agreement by giving to the other Party not less than 10 (ten) days prior written notice.

IN WITNESS WHEREOF, the parties hereto shall agree to this Agreement as of the day and year first above written.

First party:
Nippon Signal Co. Ltd.


Hiroyuki Mikuni
Chief General Manager
Kuki Plant



Second party:
Best Dwell Engineering

Eqbal Hossain Faruk
CEO
Best Dwell Engineering



Concrete Rates

SN	Supplying Agency	Concrete Grade	Concrete Rate per Cubic Meter (BD Taka)	Additional expenses such as transportation/handling etc per cubic meter (BD Taka)	Testing Expenses per day (BD Taka)	Remarks
1	CP02 (Depct Interface Civil Contractor)	M30	17622			M30 is Take 17522 per cum
2	CP03/04 (Stations Interface Civil Contractor)	M35	16500	2000	7800	M35 is Take 16500 per cum (at batching plant), and another Taka 2000 per cum (approx for delivery to site etc. which is presently managed directly by LTJV Team) .The testing charges is Taka 7800 per day for 7 day and 28 day sample .

Notes

- Concrete shall be purchased from above contractors only.
- AAI shall pay to above contractor directly as per above rates.
- AAI shall interface with above contractor for concrete requirement, timing and loding/unloading as per schedule.



OUR CONTRACT PAPER

Annex1
BOQ

Sl No	Item	Size / Specs	Length (in mtr)	UOM	Unit Rate	Total
1	Cable trough Small	300*200*500 mm	1239	meter	7,863	97,42,257
2	Cable Trough Big	400*300*500 mm	52	meter	8,265	4,29,780
3	Cable Trough JB - Small	300*200*1000 mm	0.5	meter	9,057	4,529
4	Cable Trough JB - Big	430*250*1000 mm	1	meter	9,414	9,414
					Part - A	1,01,85,979
	Fencing Works, Site office Casting Yard Making					
5	Cost				14,68,647	14,68,647
6	Dismantling & Removing Casting Yard				3,05,968	3,05,968
					Part - B	17,74,615
7	Cylinder Test Cost	150*300 mm	50	set	4,774	2,38,700
8	Transportation Cost	150*300 mm	100	Trips	306	30,600
					Part - C	2,69,300
9	PCC works including labor, Shutter & Concrete		125	meter	2,079	2,59,875
10	Trench Base works including labor, shutter, rebar & Concrete		20	meter	5,288	1,05,760
11	PCC & Trough base Dismantling & Removing Cost		1	LS	91,791	91,791
					Part - D	4,57,426
						1,26,87,320



OUR CONTRACT PAPER

Contract offer for Installation of Phase-02 with consumable items, Signaling Sub-contract Package for Dhaka Metro Project. SAP Registration No. 9000800486

This Agreement is executed on the 12th day of May 2023, between:

Nippon Signal Co. Ltd. (hereinafter referred to as "the First Party"), formally established on business organized and existing under the Laws of Japan, with its registered office located at 1-5-1 Marunouchi, Chiyoda-ku, Tokyo 100-6513, and its Dhaka office in Bangladesh with Registered address: C/O Sharif Associate, 24-25 Dilkusha C/A (9th floor), Dhaka Bangladesh represented by WAKUTSU Takuya.

Best Dwell Engineering. (Hereinafter called "the Second Party"), formally established on business organized and existing under the Laws of the People Republic of Bangladesh, with its registered office located at Plot-105, SR Tower, House: 08, Sector -7, Uttara, Dhaka-1230, Bangladesh.

On the date of November 16, 2018, the First Party and Larsen & Toubro Limited Railway Business Group(L&T), incorporated under the laws of India and with its business headquarters located at Vatika Mindscape Building, Tower -A, 8th Floor, 12/3 Delhi Mathura Road, Near Sarai Khawaja Metro Station, Faridabad-121003, Haryana, India for "Design, Manufacture, Supply, Installation, Testing and Commissioning of Signaling and Train Control Systems for Dhaka Metro Line 6 " from Dhaka Mass Transit Company Limited (DMTCL). The First Party, as set herein Article 1 of this Agreement, desires the Second Party to be responsible for part of the work in the Master Agreement (hereinafter called "Job").

Now, it is hereby agreed as follows.

Article 1 Constituting documents

- 1.1 The documents below constitute this 'Agreement Document', and the related documents are interpreted to be mutually explanatory of one another; unless any of the documents which are signed after the date of this Agreement are explicitly contrary, or if there is any conflict between terms, they shall be read and applied in accordance with the following order of precedence:
- (i) Master Agreement (This Agreement)
 - (ii) Scope of Work & BOQ (Annex 1)
 - (iii) Payment Milestone (Annex 2)
- 1.2 When applying the preceding Section 1.1, the provisions of Master Agreement shall then be applicable to both the First Party and the Second Party respectively. In applying the provisions of the Master Agreement, the position of the First Party in said Master Agreement shall be deemed to be replaced by the Second Party. And, similarly, even for changes that had occurred (that will occur) after signing of this Agreement and additional items, all terms in the outcome of the discussion between the First Party and the Benefactor shall be applicable to the Second Party. Subject to prior consultation with the Second Party.



[Signature]

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M. H.

- 1.3 In addition, any inconsistency, error or omission in the above documents, and which cannot be resolved by applying Clause 1.1 mentioned above shall be resolved pursuant to Article 25.

Article 2 Scope of work

- 2.1 The Second party's scope of work shall be in accordance with Annex 1. In order to execute the Job, the Second Party shall arrange all necessary facilities near to site of work to communicate with the First Party until the completion of said Job, including establishment of office (if required) in Dhaka, Bangladesh at its own cost and obtain the necessary tax numbers and registrations.

Article 3 Contract price

- 3.1 Pursuant to this Agreement, the Second Party is considered to be in charge of the Job, and the First Party shall pay a total amount of

USD 155,446.00 (One hundred Fifty-Five Thousand Four Hundred Forty-Six Dollar only) for installation of Phase 2 works.

Including taxes (hereinafter, called "the Contract Price") to the Second Party. This Contract shall be awarded on a fixed price lump sum basis as defined in this Clause. The Contract Price shall be fixed throughout the performance of the contract and not subject to variation on any account except as explicitly provided in this Agreement, and where applicable the Master Agreement. The variation claim towards delayed site access shall be forwarded back-to-back to second party from first party in case of variation proposal accepted by DMTCL

- 3.2 Contractual amount will be paid in United State Dollar (\$). Second party shall bear exchange rate related expense. USD rate is fixed for the contract as 1USD= BDT 101.

Article 4 Effective date

- 4.1 This Agreement shall be effective from the date of signing (hereinafter called Effective Date), and shall remain to be valid until the completion of all Jobs pursuant to the terms set forth in this Agreement, unless terminated earlier in accordance with the terms of this Agreement. However, Articles 14, 15, 19, 21, 23, 24, 25 and 28 of this Agreement shall continue to be valid after the termination of this Agreement and completion of all Jobs. Compliance with the Articles 15, 21 and 28 shall be valid up to end of installation warranty date in which 24 months from the date of successful revenue operation started throughout all station or from Termination of this Agreement as specified in Article 16.

Article 5 Performance Bank Guarantee

NOT USED



[Signature]

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M. H.

Article 6 Payment conditions

- 6.1 Payment to the Second Party shall be made by bank transfer in the denomination of Bangladeshi Taka, pursuant to Milestone described in Annex 2. The transfer fee shall be borne by the Second Party.
- 6.2 The First Party shall issue the milestone completion certificate to the Second Party pursuant to achievement of the milestone completion. The Second Party shall issue the invoice pursuant to the milestone completion certificate.
- 6.3 For raising invoice against work complete, second party shall submit the following document to first party.
- Inspection evidence of Installation manager, PM/ DPM of Nippon Signal
 - Inspection evidence of NKDM site Engineer (NS will seek Client approval)
 - Submission of invoice by the second party
- 6.4 The First Party shall make payment to the Second Party within 30 days from the date of receiving the invoice along with all reference approval.
- 6.5 The tax shall be deducted at source from the Contract Price to be paid to the Second Party pursuant to the statutory requirements and at the rate notified at that time. Should such statutory rates change which the Second Party could not reasonably foresee, the First Party shall compensate the Second Party for any such increase(s).

Article 7 Liquidated damage for delay

- 7.1 If the Second Party is unable to complete Milestones as set forth in Annex 2 by the key date mentioned in the same, for any reasons attributable to the Second Party, it shall be deemed to be delay.
- 7.2 In case of delay on the part of the Second Party, the Second Party shall be liable to pay liquidated damages and any other compensation for the damages suffered by First Party as per Clause 7.3. This is without prejudice to the right of First Party to rescind this Agreement.
- 7.3 Liquidated damage shall be recovered as provided in this Agreement. Such liquidated damage shall be computed by 0.1% of Contract Price per one day delay with an upper limit of 100% of the Contract Price. The First Party may, without prejudice to any other method of recovery, deduct the amount of such damages from any sum due, or to become due, to the Second Party. Deduction of such damages as defined within this Article shall not relieve the Second Party from its obligations to complete Job or from any other duties, obligations or responsibilities under this Agreement.

Article 8 Limitation of liability

- 8.1 Should the Second Party commit any of the material breaches or failings but is not limited to below, the First Party shall be entitled to pursue for its recovery of any loss incurred. As such, any limit on liability in this Agreement shall not apply to:
- (i) under any other provisions of this Agreement which expressly impose a greater liability.
 - (ii) in cases of fraud, willful misconduct or illegal or unlawful acts.
 - (iii) in cases of acts or omissions of the Second Party which are contrary to the most elementary rules



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of diligence which a conscientious entities or persons in similar situation as Second Party would have followed in similar circumstances.

- (iv) sickness, or disease, or death of, or injury to any person.
- (v) loss of, or damage to, or destruction of any property (other than Job) including consequential loss of use;
- (vi) loss, damage or costs arising from the carriage of Materials and/or ownership or chartering of marine vessels by Second Party, or any sub-contractor of any tier.

Article 9 Installation and Testing & Commissioning Warranty

- 9.1 The Second Party shall guarantee that the requirement for functional specification specified in the relevant Job shall be fulfilled, if the deliverable of Job is put into operation under the conditions compliant with the purpose of its design. The above-mentioned warranty includes but is not limited to the implied warranty of merchantability or fitness for a specific purpose. The Second Party shall not become liable for any failings within its warranted design should it be found that such failing was due to gross negligence or malicious intent of the First Party.
- 9.2 In case that the Second Party has not fulfilled the conditions of Clause 9.1 on the quality of the performance, the First Party may issue a written notice to the Second Party, and the Second Party shall resolve the problem within 10 days from receipt of such notice. The Second Party shall bear the cost required to rectify the problem.
- 9.3 The Defect Notification period (DNP) of the Job shall start from the date in which the Second Party achieves its installation milestone and shall continue for 24 (Twenty-four) months from the commencement date of defect liability period (the "Defect Liability Period") but the Second Party shall indemnify losses or damages incurred if the serious defaults related to the Job are found after Defect Liability Period. During the Defect Liability Period, the Second Party shall provide, at its own cost, competent and skilled personnel and maintain adequate stock of spares so as to promptly fulfil its warranty obligations pursuant to this Agreement.
- 9.4 The Second Party shall ensure the supply of all the supply work components for a period of 10 years from the expiry of the Defect Notification Period. Should additional works be required after expiry of the Defects period it might be considered a repair and therefore subject to requirement of the First Party to issue a new Job to the Second Party including payment for Works undertaken.

Article 10 Performance certificate

- 10.1 The Second Party shall not be considered to have completed the Job until a performance certificate has

been signed by the First Party and delivered to the Second Party at the end of the Defect Liability Period. This shall state the date on which the Second Party completed its obligations related to completion of the Job and rectification of defects during the Defect Liability Period to the First Party's satisfaction. Only the performance certificate shall be deemed to constitute approval of the Job. The First Party shall not reasonably refuse issue of such certificate.

Article 11 Expenses

- 11.1 Second Party shall bear the expenses of salaries, cost of material, cleaning expenses, communication expenses, freight expenses, office expenses, travel expenses, visa/ administrative cost in Bangladesh etc. pursuant to this Agreement, for accomplishing Job, and bear all expenses necessary for performing the obligations of the Second Party under this Agreement, as defined within Article 2.
- 11.2 In case the additional agreement has been confirmed by Benefactor pursuant to variations based on Master Agreement, the First Party might consider an additional agreement with the Second Party.

Article 12 Site management

- 12.1 The Second Party shall take the responsibility of inventory management at its own cost. When loading/unloading & transportation of the goods from First Party's any warehouses to any section to execute the Job.
- 12.2 Second Party shall provide the Safety, Health and Environment (SHE) supervisor to execute Job at its own cost and shall take all reasonable precautions to safeguard the safety and health of all persons and the security of Job. In order to meet the requirement of Master Agreement, Second Party shall work under the guidance & instructions of First Party SHE Manager. Second Party shall take the responsibility for provision of security guards and cleaners in a manner that is appropriate and effective as per the requirements contained within Article.
- 12.3 The second party shall follow & ensure the Safety, Health & Environments guidance on strict manner. In case of SHE rules violation, for first and second same kind of safety violation warning letter will be issued & imposed on following sequence.
- Penalty for 3rd violation BDT 10000.00
 - Penalty for 4th violation BDT 20000.00
 - Penalty for 5th violation 1% shall be deducted from contract amount & the first party have right to terminate or breach the contract on this ground.
- 12.4 The second party shall provide administrative information except confidential which is related with the execution of the works to first party for ensuring proper compliance.

Article 13 Insurance

- 13.1 The Second Party shall at its expense take out and maintain in effect, or cause to be taken out and maintained in effect the insurance below listed which is satisfactory to the First Party, during the performance of this Agreement. The identity of the insurers and the form of the policies shall be subject to the approval of First Party, who should not unreasonably withhold such approval.

- (i) Transit Insurance During Transport
Covering loss or damage occurring to equipment while in transit from First Party's warehouse and/or Second Party's warehouse until arrival at the site.
- (ii) Automobile Liability Insurance
Covering use of all vehicles used by the Second Party or its Sub-Contractors (whether or not owned by them) in connection with the execution of this Agreement. Automobile liability shall be met with the requirement of Bangladesh government rules.
- (iii) Workers' Compensation and Medical Insurance
The Second Party shall at its expense effect and maintain insurance against losses and claims arising from the death or injury to any person employed by Second Party or any Sub-Contractors (wherever applicable) in such a manner that the First Party is indemnified under the policy of insurance (where such insurable risk shall exist). The insurance shall be maintained in full force and effect during the whole time that these personnel are assisting, conducting or executing the Job(s). Each worker shall be insured for not less than 100,000 Bangladesh Taka but necessary amount shall be insured.
- 13.2 The Second Party shall deliver to the First Party certificates of insurance (or copies of the insurance policies) as evidence that the required policies are in full force and effect. The certificates shall provide that no less than 21 days' notice shall be given to the First Party by insurers prior to cancellation or material modification of a policy.
- 13.3 The Second Party shall ensure that, where applicable, its Sub-Contractors shall take out and maintain in effect adequate insurance policies for their personnel and vehicles and for work executed by them under this Agreement, unless such Sub-Contractors are covered by the policies taken out by the Second Party.
- 13.4 If the Second Party fails to take out and/or maintain in effect the insurances referred to Clause 13.1, the First Party may take out and maintain in effect any such insurances and may deduct from any amount due to the Second Party under this Agreement, from time to time, any premium that the First Party shall have paid to the insurer or may otherwise recover such amount as a debt due from Second Party. If the Second Party fails to or is unable to take out and maintain in effect any such insurance, the Second Party shall have full responsibility against the First Party for any and all liabilities of the First Party herein.
- 13.5 Unless otherwise provided in this Agreement, the Second Party shall prepare and conduct all and any claims made under the policies pursuant to Clause 13, and all monies payable by any insurers shall be paid to the Second Party. With respect to insurance claims in which the First Party's interest are involved, the Second Party shall not give any release or make any compromise with the insurer without the prior written consent of First Party. Such agreement shall not reasonably be withheld.

Article 14 Intellectual Property Rights

- 14.1 Intellectual property rights developed by the Second Party in the course of executing Job shall belong to the First Party. This shall not include pre-existing systems and process' developed independently by



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- the Second Party of which may be of beneficial use on the Job.
- 14.2 The Second Party shall bear full responsibility pertaining to the third-party intellectual property rights and other rights, which are used by the Second Party for the Job.
- 14.3 The copyright of documents produced in the performance of the Second Party shall belong to First Party should this be for the purpose only of the Job and not existing or in progress copyright developed by the Second Party for its own process. The Second Party shall ensure that the First Party and Benefactor shall be entitled to use the copyright of documents previously held by the Second Party, and the copyright of documents licensed by the third party free of charge. Such documents may only be used for purpose of the Job and not on an on-going basis.
- 14.4 As a result of suspected infringement or actual infringement of the intellectual property rights belonging to the third party, which was caused by the Second Party, the Second Party shall bear all responsibility and compensate and indemnify the First Party and Benefactor from and against any loss, damage, costs, expenditure incurred by the First Party and Benefactor in connection with the claim alleged by the third party.
- 14.5 In case there has been an infringement of intellectual property rights for the performance or part of the performance by the Second Party and the usage has been restricted due to court order, the Second Party shall, in accordance with the sole discretion of the First Party, at its expense, purchase the rights for the First Party and Benefactor, to continue using the affected part, or shall replace the affected part with the non-infringing one so that there is no infringement of rights, or add changes in the affected part so that there is no infringement of rights.

Article 15 Responsibility for executing Job

- 15.1 Second Party shall, defend, compensate, and indemnify the First Party and/or Benefactor, against all costs, expenditure, loss, damage, and legal liability, arising from a claim or warning of a claim or related to a claim by a third party, on the basis of death, injury or damage to property, caused directly or indirectly, or suspected to be caused by executing Job. Such liability shall not extend to the Second Party if it is found this to be due to gross negligence or malicious intent of the First Party and/or Benefactor.

Article 16 Termination of Agreement

- 16.1 In case Master Agreement is terminated partially or in full at the convenience of Benefactor, the First Party may terminate this Agreement partially or in full. In that case the Second Party may claim to the First Party, the consideration for the volume of work executed until then, and for the equipment for Job actually loaded therein on the date of termination of this Agreement, and the cost of damages incurred due to early termination of this Agreement, and the First Party shall immediately pay the consideration and cost of damages to the Second Party. However, this Clause is not applied when Master Agreement is terminated due to breach of contract by or gross negligence or malicious intent of the Second Party.
- 16.2 In case of default of this Agreement by each of the parties, the other party at its own discretion may instruct the defaulting party through written notification, to fulfill the obligation within a reasonable period of time. If the default is not rectified within the said period, the party giving such notification may

request the defaulting party to compensate for damages, and reimburse the costs incurred due to the default, without prejudice to the right of termination and other right under this Agreement or given at law.

16.3 If the First Party determines after consultation with the Second Party that the fulfillment of this Agreement by the Second Party has been improper, the First Party may terminate this Agreement. The First Party's decision to terminate this Agreement shall not prejudice any other rights of the First Party under this Agreement. The Second Party shall not make any claim against the First Party's decision except for its costs incurred to the date of said termination in accordance with Clause 16.1.

Article 17 Subcontract

- 17.1 The Second Party shall not sub-contract any part of the Job without prior written consent of the First Party. Such written consent shall not be unreasonably refused.
- 17.2 In case the Second Party wishes to sub-contract a part of Job to a Sub-Contractor, The Second Party shall notify it to the First Party, submit the documentation requested by the First Party and obtain written consent from the First Party in advance.
- 17.3 Pursuant to the provisions in the preceding paragraph, even if Job is Sub-Contracted by the Second Party to a Sub-Contractor with the consent of the First Party, the Second Party is not discharged from its obligations to the First Party under this Agreement.
- 17.4 The Second Party shall be responsible for observance by all Sub-Contractors of all the provisions of this Agreement. The Second Party shall be responsible for the acts or defaults of any Sub-Contractor, his representatives, officers or employees, as fully as if they were the acts or defaults of the Second Party, his representatives, officers or employees.
- 17.5 The Second Party shall ensure that their Sub-Contractors, material/equipment suppliers, consultants and other agencies deployed by them in connection with execution of this Agreement do not make any claim or raise any dispute before the First Party directly. Any such claims shall be submitted to the Second Party for review. Should the Second Party feel the loss incurred and claimed be relevant it shall submit a claim to the First Party for review.

Article 18 Reasonable request acceptance

- 18.1 Upon the request of the First Party, Second Party shall submit materials and other information supporting the applications to be provided to Benefactor to First Party.

Article 19 Prohibition from manufacture and sale of same / similar products

- 19.1 If the Second Party does not obtain the written consent from First Party in advance, Second Party shall not engage in the manufacture and sale of similar products for a third party, using the specification, drawing and any similar documents of First Party.

Article 20 Progress report

- 20.1 The Second Party shall follow the schedule of works program which is provided by the First Party in order to meet the requirement of the Benefactor.

- 20.2 For the status of progress, the Second Party shall report in writing, the actual progress of the Job and the schedule, at the interval or date and time separately instructed by the First Party.
- 20.3 In case the Second Party is unable to complete the Job within the designated timeline mutually agreed by both parties; the reason and the completion schedule shall be submitted in writing to the First Party two weeks before the designated time.
- 20.4 Unless otherwise specified, the Second Party shall provide (but not limited to) the documents, reports and evidences to the First Party within 7 calendar days if the First Party requires them. This clause is applicable to all Articles in this Agreement.

Article 21 Prohibition of direct negotiation

- 21.1 Except otherwise indicated separately by the First Party in writing, the Second Party shall not engage in direct negotiations with the Benefactor or a concerned party of the First Party, with respect to the Job.
- 21.2 The Second Party shall not make any request / bill / claim against the Benefactor or cause any conflict.

Article 22 Repair

- 22.1 If repair or maintenance is required for Job that was executed by the Second Party after the Installation and Testing & Commissioning warranty Period, upon the request of the First Party, the Second Party shall collaborate with the First Party to execute Job within mutually agreed time frame, and at mutually agreed cost. The First Party shall issue a new Job Agreement with such costs and time to complete the Works prior to the Second Parties mobilization.

Article 23 Language

- 23.1 All transactions between the First Party and the Second Party shall be in English.

Article 24 Governing law

- 24.1 This Agreement shall be governed by the Laws of Bangladesh.

Article 25 Arbitration

- 25.1 Any dispute, controversy, conflict or difference of opinion between parties of this Agreement, or between the concerned parties, breach of contract that cannot be amicably resolved between the parties within 30 days from the issuance of a written dispute notified by one of the parties, shall be finally resolved by arbitration under the Singapore International Arbitration Centre (SIAC) rules, by a sole arbitrator to be appointed by SIAC. The arbitration shall be conducted in English language.
- 25.2 The award is final and shall be binding on the parties involved in the arbitration proceedings.

Article 26 Legal compliance

- 26.1 The Second Party shall observe and comply with all applicable laws of Bangladesh in executing Job.
- 26.2 The Second Party shall comply with the laws, regulations and all other matters concerned with welfare programs in Bangladesh, defined in the Master Agreement. On the other hand, in case the First Party is forced to pay a penalty or other sum to the Benefactor as a result of compliance deviations by the Second



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- Party, the Second Party shall compensate for the damages incurred by First Party.
- 26.3 The Second Party, in response to the request of the First Party, shall appropriately submit the necessary documents certifying compliance with laws and regulations.

Article 27 Publicity

- 27.1 The Second Party shall not publish or otherwise circulate alone or in conjunction with any other persons, any articles, photographs or other materials relating to Job except with the permission, in writing, of the First Party. The Second Party shall ensure that its sub-contractors of any tier shall be bound by a like obligation and shall, if so required by the First Party, enforce the same at its own expense. The provisions of this Sub-Clause shall not exempt the First Party from complying with any statutory provision in regard to the taking and publication of photographs.

Article 28 Complete contract

- 28.1 This Agreement constitutes an entire agreement between the parties, and unless otherwise explicitly specified, this Agreement shall have precedence over all official or unofficial negotiations, agreements, matters of affirmation in verbal or signed in writing on this matter except confidential agreement between the First Party and the Second Party.

Article 29 Suspension of service

- 29.1 The Second Party has no right to suspend the Services without the written approval of the First Party.
- 29.2 The First Party may by written notice ("Suspension Order") issued to the Second Party suspend the Services under this Agreement at any time at its sole discretion without cause. (Contractor request to define the cause)
- 29.3 Upon the issue of a Suspension Order the Second Party shall forthwith cease performance of Services, comply with the terms of the Suspension Order and vacate the Site.
- 29.4 The Second Party will promptly recommence provision of Services on receipt of a notice to do the same from the First Party following any completion of any Suspension Order.
- 29.5 Any costs of a suspension will be borne by the Second Party. In case the suspension caused by Second Party.
- 29.6 Following a Suspension Order, the First Party will determine, acting reasonably, whether an extension of the key date is required. Unless otherwise directed by the First Party a Suspension Order will not affect the key date.

Article 30 Non solicitation

- 30.1 During the term of this Agreement, and for a period of twelve months thereafter, either party shall not (without the prior written consent) solicit, recruit, call upon, communicate, solicit, or induce, or attempt or endeavor to recruit, solicit, or induce or entice or offer on your own behalf or on behalf of or in conjunction with any person or legal entity (i.e. either directly or indirectly) to employ, sub-contract,

collaborate, form alliance or any other form of arrangement with any officer, employee or the Second Party of the party.

Article 31 Meetings

- 31.1 Meetings shall take place at a venue mutually decided by the parties with participation by the authorized representatives of both parties. The meetings shall be properly recorded and signed by the representatives attending the same. All decisions shall be taken unanimously.

Article 32 Amendments

- 32.1 Any amendments to this agreement shall be in writing and signed by the authorized representatives of the parties.

Article 33 Assignment

- 33.1 Neither Party shall be entitled to assign any of its rights nor do obligations as contained in this agreement, except with the prior written consent of the other Party.

Article 34 Notices

- 34.1 All notices and communications shall be sent to the following addresses of the parties.

First Party: Nippon Signal Co., Ltd.

Billing Address

1-5-1, Marunouchi, Chiyoda-Ku, Tokyo 100-6513, Japan
Shin-Marunouchi Building nth floor.

A copy of billing address shall be sent to delivery address for approval.

Delivery Address

WAKUTSU Takuya

NIPPON SIGNAL CO., LTD., DHAKA OFFICE CP-7 Project Office
Block I, Sector 16, Road: Sonargoan Janapath, Diabari, Uttara, Dhaka-1230, Bangladesh.

Second Party:

Best Dwell Engineering

House:08, Road:31, Sector -7, Uttara,
Dhaka-1230, Bangladesh.

Correspondence Address:

Md. Eqbal Hossain Faruk (CEO)

Best Dwell Engineering

Mob: +880-1745-530957

E-mail: bestdwelleng@gmail.com

E-mail: faruk@bestdwelleng.com

All notices shall be deemed to have been validly given on (i) the business date immediately after the date of transmission with confirmed answer back, if transmitted by facsimile/electronic transmission, or (ii) the business date of receipt, if transmitted by courier or registered post.

Any Party may, from time to time, change its address or representative for receipt of notices provided for in this Agreement by giving to the other Party not less than 10 (ten) days prior written notice.

IN WITNESS WHEREOF, the parties hereto shall agree to this Agreement as of the day and year first above written.

First party:
Nippon Signal Co. Ltd.

Masayuki Hiramoto
Masayuki Hiramoto
Chief General Manager
Kuki Plant

Second party:
Best Dwell Engineering

Md. Eqbal Hossain Faruk
Md. Eqbal Hossain Faruk
CEO,



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Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTFA, DHAKA 1230.
REGISTERED ADDRESS: 19 BOUTHERN, G.A. DHAKA, BANGLADESH.
TEL: 0191 1336464, 01745530957
bestdwell@gmail.com, bestdwelleng.com

To,
Nippon Signal
Dhaka Branch Office, Bangladesh
Attn: Mr. Abu Kaosar
Assistant Manager
Nippon Signal Co. Ltd.

Date: 03/17/2022
Proposal Ref No: D18

Proposal for Supply of Base Frame

Sl	Item	Size	No of Base Frame	UOM	Rate Per Nos (BDT)	Total Amount Including AIT (BDT)
1	Base Frame & Isolation Plate for OC Rack	600X760X450	1	Set	34,500	34,500
2	Base Frame & Isolation Plate for CBR Rack	600X570X450	1	Set	32,500	32,500
3	Base Frame & Isolation Plate for MDF Rack	950X600X450	1	Set	37,762	37,762
Total					104,762	
AIT 5%					5,238	
Grand Total with AIT					110,000	

In words: BDT One lac ten thousand Only.

SCOPE OF WORKS:

Supply of base frame & isolation plate with galvanization as per drawing (Type-OC, CBR & MDF),
Transportation, Loading & Unloading.

Note:

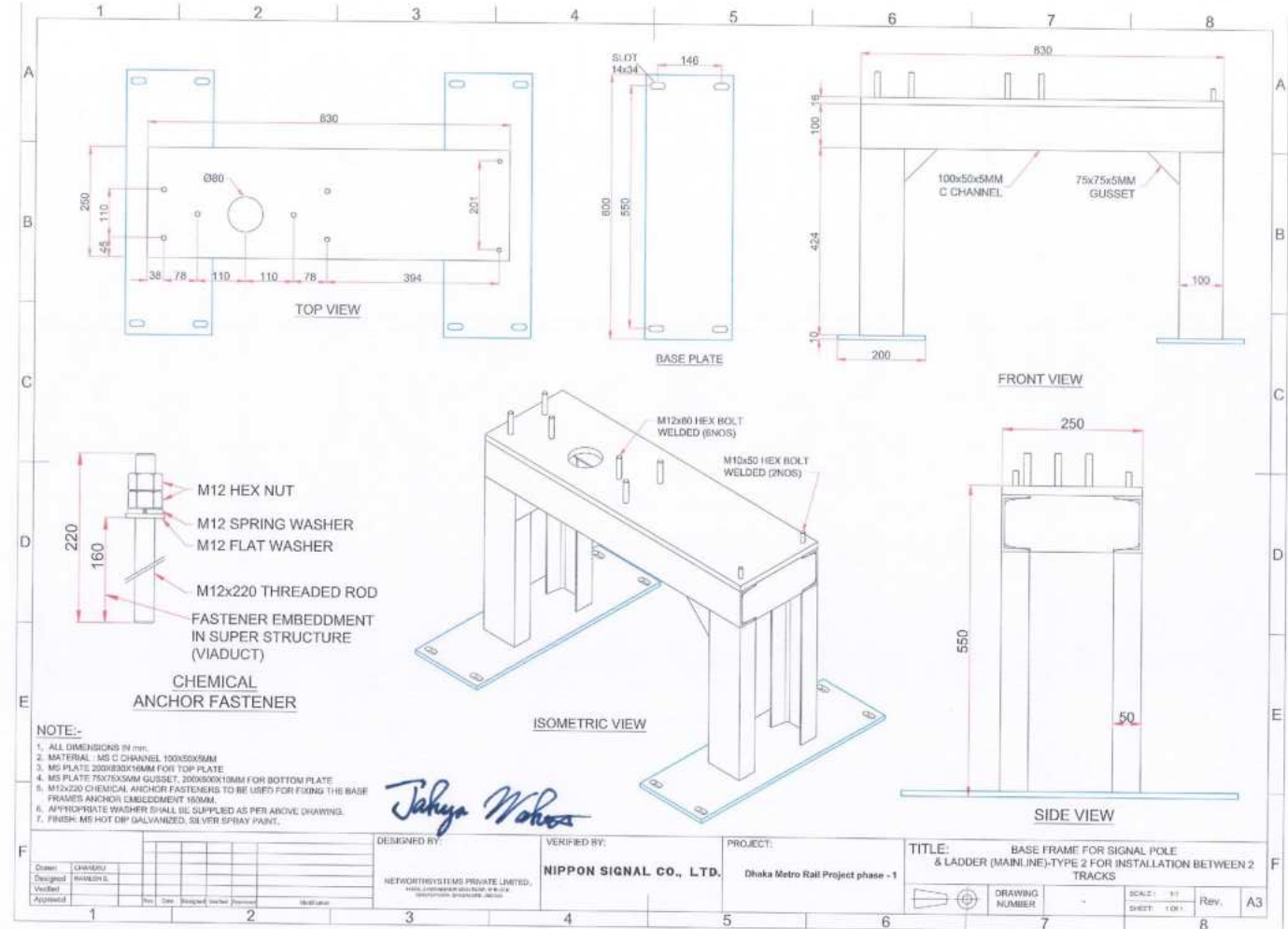
1. We offer including AIT but excluding VAT
2. 12 days lead time required for the supply of base frame.
3. Our quotation is valid for 12 days for your acceptance from date of offer and charges remain firm till that time.

Thanking you,
For and on behalf of Best Dwell Engineering

(For) *Hajun*

Md. Egbal Hossain Faruk
CEO, Best Dwell Engineering

Takuya Watanabe



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S.No.	Equipment	Scope	Quoted Unit	Phase 2 C/Ps	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Tools	Installation scope of supply of
1	Object Controller	Installation of Object Controller at Interlocking and Non-interlocking station	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fanning and Marking of cables and wires. (with approved marking materials) - Installation of internal modules equipments (if modification / installation is required) - Installation of ACI FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HBS/Canon Make) - Stainless bolts and nuts (HBS/Canon Make) - Drill bits - markers/hammers/plates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - bag of appropriate size (approval shall be taken from NS)
2	CB Rack	Installation of CB Rack at Interlocking and Non-interlocking station	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fanning and Marking of cables and wires. (with approved marking materials) - Installation of internal modules equipments (if modification / installation is required) - Installation of ACI FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HBS/Canon Make) - Stainless bolts and nuts (HBS/Canon Make) - Drill bits - markers/hammers/plates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - bag of appropriate size (approval shall be taken from NS)
3	MDF Rack	Installation of MDF Rack at Interlocking and Non-interlocking station	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fanning and Marking of cables and wires. (with approved marking materials) - Installation of internal modules equipments (if modification / installation is required) - Installation of ACI FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HBS/Canon Make) - Stainless bolts and nuts (HBS/Canon Make) - Drill bits - markers/hammers/plates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - bag of appropriate size (approval shall be taken from NS)

Indoor BOQ (S10)



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S.No.	Equipment	Scope	Quoted Unit	Phase 2 C/Ps	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Tools	Installation scope of supply of
4	Simulator Rack/Box	Installation, removal of Simulator Rack/Box at Interlocking and Non-interlocking station	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site and From Work Site to NS Stores back after Commissioning. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fanning and Marking of cables and wires. (with approved marking materials) - Installation of internal modules equipments (if modification / installation is required) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools 	<ul style="list-style-type: none"> - markers/hammers/plates - cable tie - Heat Shrink tube - bag of appropriate size (approval shall be taken from NS)
1	Axle counter cubicles	Installation of Axle counter Cubicles	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fanning and Marking of cables and wires. (with approved marking materials) - Installation of internal modules equipments (if modification / installation is required) - Installation of ACI FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HBS/Canon Make) - Stainless bolts and nuts (HBS/Canon Make) - Drill bits - markers/hammers/plates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - bag of appropriate size (approval shall be taken from NS)
2	Axle counter reset Panel	Installation of Axle counter Reset Panel	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fanning and Marking of cables and wires. (with approved marking materials) - Installation of internal modules equipments (if modification / installation is required) - Installation of ACI FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HBS/Canon Make) - Stainless bolts and nuts (HBS/Canon Make) - Drill bits - markers/hammers/plates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - bag of appropriate size (approval shall be taken from NS)

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S.No.	Equipment	Scope	Quoted Unit	Phase 1 CP06	Installation contractor Scope of Work	Testing and Commissioning Support by Installation Contractor	Tools	Installation scope of supply of
1	PDC	Installation of Power Distribution Cubicles (PDC)	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Ferruling and Marking of cables and wires. (with approved marking materials) - Installation of internal modules equipments(if modification / installation is required) - Installation of ACI FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wiresman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> -Anchor bolts (Hilti/Canon Make) - Stainless bolts and nuts (Hilti/Canon Make) - Drill bits -marking/Nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)
1	Indoor Cable	Laying of power cables , Earthing Cables and Ethernet cables	Meters	800	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cable Drums/Cables (as identified) from NS/Customer Stores to Work Site. - Install/Laying of cables. - Scope of cable laying shall have cable cutting, laying point to point, glanding, Ferruling, marking, sleeving & termination, dressing, cable being etc. - Testing (Continuity and meggering) - Ferruling and Marking of cables and wires. (with approved marking materials) - Cable Meggering report before and after laying - Cable laying between SCR & SST For AKRP and Network Switch 	Wiresman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Megger and hand tools - Scaffolding, Ladder (as and when applicable) 	<ul style="list-style-type: none"> - Heat Shrinkable Tube Glued type - SS (grade 304 or higher) Name Plate for the cable marking - Anchor Bolts, bolts and nuts - Putty for the cable entrance if required - Silicon sealant / outdoor tape to seal the cabinet if there are some remaining holes. - UV Cable Ties - CU Lugs.
2	Optical Fibre	Laying of OFC inside Station equipment Room (OC, Aule counter, Station Computer and MTD)	Meters	80	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cable Drums/Cables (as identified) from NS/Customer Stores to Work Site. - Install/Laying of F/O. - Blewing of Fiber - Scope of cable laying shall have cable cutting, laying point to point, glanding , Ferruling, marking, sleeving & termination, dressing, cable being etc. - Cable clamping wherever required. - Optical Loss test report after laying the cable 	Wiresman and fitter shall be Provided during Post Installation check out Report	Hand Tools	<ul style="list-style-type: none"> - Putty for the cable entrance if required - Silicon sealant / outdoor tape to seal the cabinet if there are some remaining holes. - UV Cable Ties - Flexible pipe (FRLS type)

* Including transportation from Mogen warehouse to the site (including loading and unloading).
Supply of consumables is under Sub-Con scope.

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Dhaka Metro Line-06								
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CP06	Installation contractor Scope of Work	Testing and Commissioning Support by Installation Contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables
1	Object Controller	Installation of Object Controller at interlocking and Non-interlocking station	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Ferruling and Marking of cables and wires. (with approved marking materials) - Installation of internal modules equipments(if modification / installation is required) - Installation of ACI FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wiresman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> -Anchor bolts (Hilti/Canon Make) - Stainless bolts and nuts (Hilti/Canon Make) - Drill bits -marking/Nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)
2	CB Rack	Installation of CB Rack at interlocking and Non-interlocking station	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Ferruling and Marking of cables and wires. (with approved marking materials) - Installation of internal modules equipments(if modification / installation is required) - Installation of ACI FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wiresman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> -Anchor bolts (Hilti/Canon Make) - Stainless bolts and nuts (Hilti/Canon Make) - Drill bits -marking/Nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)

Indoor BOQ (S11)

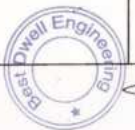
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S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPDS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables
3	MDF Rack	Installation of MDF Rack at Interlocking and Non-interlocking station	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires. (with approved marking materials) - Installation of internal modules/equipments (if modification / installation is required) - Installation of ACI FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HSS/Canon Make) - Stainless bolts and nuts (HSS/Canon Make) - Drill bits - markers/namesplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)
4	Simulator Rack/Box	Installation, removal of Simulator Rack/Box at Interlocking and Non-interlocking station	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site and From Work Site to NS Stores back after Commissioning. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires. (with approved marking materials) - Installation of internal modules/equipments (if modification / installation is required) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools 	<ul style="list-style-type: none"> - markers/namesplates - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)
1	Axe counter cubicles	Installation of Axe counter Cubicles	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires. (with approved marking materials) - Installation of internal modules/equipments (if modification / installation is required) - Installation of ACI FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HSS/Canon Make) - Stainless bolts and nuts (HSS/Canon Make) - Drill bits - markers/namesplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)

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S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPDS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables
2	Axe counter reset Panel	Installation of Axe counter Reset Panel	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires. (with approved marking materials) - Installation of internal modules/equipments (if modification / installation is required) - Installation of ACI FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HSS/Canon Make) - Stainless bolts and nuts (HSS/Canon Make) - Drill bits - markers/namesplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)

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S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables
1	PDC	Installation of Power Distribution Cubicles (PDC)	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules /equipments(if modification / installation is required) - Installation of ACI FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HSS/Carbon Make) - Stainless bolts and nuts (HSS/Carbon Make) - Drill bits - markers/nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - kg of appropriate size (approval shall be taken from NS)
1	ODF Rack	Installation of ODF Rack (12 U) for SRS connectivity.	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules /equipments(if modification / installation is required) - Installation of ACI FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HSS/Carbon Make) - Stainless bolts and nuts (HSS/Carbon Make) - Drill bits - markers/nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - kg of appropriate size (approval shall be taken from NS)
1	Indoor Cable	Laying of power cables , Earthing Cables and Ethernet cables	Meters	950	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cable Drums/cables (as identified) from NS/Customer Stores to Work Site. - Install/Laying of cables. - Scope of cable laying shall have cable cutting, laying point to point, glanding, Fencing, marking, sleeving & termination, dressing, cable tying etc. - Testing (Continuity and meggering) - Fencing and Marking of cables and wires, (with approved marking materials) - Cable Meggering report before and after laying - Cable laying between SCR & S&T For ADSP and Network Switch 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Megger and hand tools - Scaffolding, Ladder (as and when applicable) 	<ul style="list-style-type: none"> - Heat Shrinkable Tube Gland type - SS (grade 304 or higher) Name Plate for the cable marking - Anchor bolts, bolts and nuts - Putty for the cable entrance if required - Silicon sealant / rubber tape to seal the cabinet if there are some remaining holes. - UV Cable Ties - CU Lug.

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S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables
2	Optical Fibre	Laying of OFC inside Station equipment Room (OC, Aisle counter, Station Computer and Telecom/Interface System rack as per network diagram)	Meters	240	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cable Drums/cables (as identified) from NS/Customer Stores to Work Site. - Install/Laying of FIO. - Blowing of Fiber - Scope of cable laying shall have cable cutting, laying point to point, glanding, Fencing, marking, sleeving & termination, dressing, cable tying etc. - Cable clamping wherever required. - Optical Loss test report after laying the cable 	Wireman and fitter shall be Provided during Post Installation check out Report	Hand Tools	<ul style="list-style-type: none"> - Putty for the cable entrance if required - Silicon sealant / rubber tape to seal the cabinet if there are some remaining holes. - UV Cable Ties - flexible pipe (FRLS type)

* Including transportation from Hipoon warehouse to the site (Including Loading and Un-Loading).
Supply of consumables is under Sub-Con scope.

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Dhaka Metro Line-06							
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CP06	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Installation scope of supply of
1	Object Controller	Installation of Object Controller at Interlocking and Non-interlocking station	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires. (with approved marking materials) - Installation of internal modules/equipments (if modification / installation is required) - Installation of AC/ FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> -Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed)
2	CB Rack	Installation of CB Rack at Interlocking and Non-interlocking station	Nos	2	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires. (with approved marking materials) - Installation of internal modules/equipments (if modification / installation is required) - Installation of AC/ FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> -Anchor bolts (H8/Canon Make) - Stainless bolts and nuts (H8/Canon Make) - Drill bits - markers/Nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)



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S.No.	Equipment	Scope	Quoted Unit	Phase 2 CP06	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Tools	Installation scope of supply of
3	MDF Rack	Installation of MDF Rack at Interlocking and Non-interlocking station	Nos	2	<ul style="list-style-type: none">- Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site.- Erection and mounting of Cubicles- Internal Wiring/Termination of wires and Cabling of the cabinet- Fencing and Marking of cables and wires. (with approved marking materials)- Installation of internal modules/equipments (if modification / installation is required)- Installation of AC/ FAN if required for the cabinet. (if any)- Mounting of Modules/Modification (if required)- Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">-Drilling machine- Spanners- Torque wrench (Calibrated)- Multimeter- Megger meter- Wiring Tools- Temporary Power Arrangement (DG)- Temporary Lighting arrangement- Hand Trolley- Ladder (if needed)	<ul style="list-style-type: none">-Anchor bolts (HMS/Carcon Make)- Stainless bolts and nuts (HMS/Carcon Make)- Drill bits- markers/nameplates- PVC Cable Glands if applicable- cable tie- Heat Shrink tube- Lug of appropriate size (approval shall be taken from NS)
4	ICP	Installation of Interlocking control panel in SCR	Nos	1	<ul style="list-style-type: none">- Shipment to site (includes loading and unloading).- Installation of workstation and Monitor- Termination of ethernet cables and related computer cables.- Provision of power supply for ICP	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">-Drilling machine/ with drill bits- RJ 45 crimping tool and RJ 45 Connectors	<ul style="list-style-type: none">- Wall gang power socket- LAN type gang box- supply of main power sockets
5	Simulator Rack/ Box	Installation, removal of Simulator Rack/Box at Interlocking and Non-interlocking station	Nos	1	<ul style="list-style-type: none">- Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site and From Work Site to NS Stores back after Commissioning- Erection and mounting of Cubicles- Internal Wiring/Termination of wires and Cabling of the cabinet- Fencing and Marking of cables and wires. (with approved marking materials)- Installation of internal modules/equipments (if modification / installation is required)- Mounting of Modules/Modification (if required)- Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">-wrench (Calibrated)- Multimeter- Megger meter- Wiring Tools	<ul style="list-style-type: none">- markers/nameplates- cable tie- Heat Shrink tube- Lug of appropriate size (approval shall be taken from NS)



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S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Tools	Installation scope of supply of
1	Axe counter cubicles	Installation of Axe counter Cubicles	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules equipments(if modification / installation is required) - Installation of ACI FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> -Anchor bolts (HRB/Canon Make) - Stainless bolts and nuts (HRB/Canon Make) - Drill bits - markers/Nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)
2	Axe counter Relay Racks	Installation of Axe Counter Relay Racks	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules equipments(if modification / installation is required) - Installation of ACI FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> -Anchor bolts (HRB/Canon Make) - Stainless bolts and nuts (HRB/Canon Make) - Drill bits - markers/Nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)
3	Axe counter reset Panel	Installation of Axe counter Reset Panel	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules equipments(if modification / installation is required) - Installation of ACI FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> -Anchor bolts (HRB/Canon Make) - Stainless bolts and nuts (HRB/Canon Make) - Drill bits - markers/Nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)

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S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Tools	Installation scope of supply of
1	Station Computer cubicles	Installation of Station Computer Cubicles	Nos	2	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules equipments(if modification / installation is required) - Installation of ACI FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> -Anchor bolts (HRB/Canon Make) - Stainless bolts and nuts (HRB/Canon Make) - Drill bits - markers/Nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)
1	PDC	Installation of Power Distribution Cubicles (PDC)	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules equipments(if modification / installation is required) - Installation of ACI FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> -Anchor bolts (HRB/Canon Make) - Stainless bolts and nuts (HRB/Canon Make) - Drill bits - markers/Nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)
1	Network SW Rack	Installation of Network Switch Racks	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules equipments(if modification / installation is required) - Installation of ACI FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> -Anchor bolts (HRB/Canon Make) - Stainless bolts and nuts (HRB/Canon Make) - Drill bits - markers/Nameplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - lug of appropriate size (approval shall be taken from NS)

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S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Tools	Installation scope of supply of
1	ODF Rack	Installation of ODF Rack (12 U) for SCR connectivity.	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires. (with approved marking materials) - Installation of internal modules/equipment (if modification/Installation is required) - Installation of AC/FAN if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench/Calibrated - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HRB/Canon Make) - Stainless bolts and nuts (HRB/Canon Make) - Drill bits - Markers/Nameplates - PVC Cable Glands if applicable - Cable tie - Heat Shrink tube (approval shall be taken from NS)
2	ODF	Installation of ODF (12 core/24 core) for S&T to SCR connectivity and SRS connectivity.	Nos	2	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of ODF Box from NS/Customer Stores to Work Site. - Installation of the ODF Box - Grounding Termination from equipment MEB. 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench/Calibrated - Wiring Tools - Temporary Power Arrangement (DG) 	<ul style="list-style-type: none"> - Drill bits - Markers/Nameplates - PVC Cable Glands if applicable - Cable tie - Heat Shrink tube - Tag of appropriate size (approval shall be taken from NS)
3	Fibre Splicing (Indoor)	Installation of ODF (12 core/24 core) for S&T to SCR connectivity and SRS connectivity.	Nos	12	<ul style="list-style-type: none"> - Fibre Splicing inside the ODF box. - Termination and cable dressing - Marking as per drawings - Splicing report generation as per recommendation - OTDR tests with NS and Customer as per requirement 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Splicing Machine and hand tools 	<ul style="list-style-type: none"> - Cleaning Kit - consumable sleeves etc. - Zero loss Splicing Jigs - Pigtail SC and LC type

Indoor BOQ (S12)

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S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Tools	Installation scope of supply of
1	Indoor Cable	Laying of power cables, Earthing Cables and Ethernet cables	Meters	1500	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cable Drums/cables (as identified) from NS/Customer Stores to Work Site. - Install/Laying of cables. - Scope of cable laying shall have cable cutting, laying point to point, glanding, Fencing, marking, sleeving & termination, dressing, cable tying etc. - Testing (Continuity and meggering) - Fencing and Marking of cables and wires. (with approved marking materials) - Cable Meggering report before and after laying - Cable laying between SCR & S&T For AKRP and Network Switch 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Megger and hand tools - Scaffolding, Ladder (as and when applicable) 	<ul style="list-style-type: none"> - Heat Shrinkable Tube - Glued type - SS (grade 304 or higher) Name Plate for the cable marking - Anchor Bolts, bolts and nuts - Putty for the cable entrance if required - Silicon sealant / rubber tape to seal the cabinet if there are some remaining holes. - UV Cable Tie - CU Lugs.
2	Optical Fibre	Laying of OFC inside Station equipment Room (OC, Aisle counter, Station Computer and MTD)	Meters	500	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cable Drums/cables (as identified) from NS/Customer Stores to Work Site. - Install/Laying of FIO. - Bleeding of Fibre - Scope of cable laying shall have cable cutting, laying point to point, glanding, Fencing, marking, sleeving & termination, dressing, cable tying etc. - Cable clamping wherever required. - Optical Loss test report after laying the cable - Cable laying between SCR & S&T Network Switch 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Megger and hand tools - Scaffolding, Ladder (as and when applicable) 	<ul style="list-style-type: none"> - Putty for the cable entrance if required - Silicon sealant / rubber tape to seal the cabinet if there are some remaining holes. - UV Cable Tie - flexible pipe (FRLS type)

Indoor BOQ (S12)

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Dhaka Metro Line-06							
S.No.	Equipment	Scope	Unit	Phase 2 CPSE	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools by Installation Contractor
1	Aide Counter - Wheel Sensor	Installation of Aide counter wheel sensor	Nos	10	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment Installation location. Installation of the wheel sensor units with Rails through Clamp. Internal Wiring/termination of wires. Installation of pre-fabricated sensor cable line wheel sensor & JIS. Routing and Marking of cables and wires, (with approved marking materials). Track crossing will be done by HDPE pipes shall be fixed with ground. Installation Records to be Provided. Red Correction drawings to be Provided as per released drawings/signaling Plan. 	<p>Wiresman and fitter shall be Provided during Post Installation check out Report</p>	<ul style="list-style-type: none"> Tools: WAGO Crimping Tool, WAGO Screw Driver, Basic Electrician tools, Spanner, Torque Wrench Approved by NS
2	Aide Counter - Wheel Sensor Junction Box	Installation of Aide counter wheel sensor junction box	Nos	10	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment Installation location. Installation of the junction box with HBB Anchors. Internal Wiring/termination of wires. Routing and Marking of cables and wires, (with approved marking materials). Track crossing will be done by HDPE pipes shall be fixed with ground. Installation Records to be Provided. Red Correction drawings to be Provided as per released drawings/signaling Plan. 	<p>Wiresman and fitter shall be Provided during Post Installation check out Report</p>	<ul style="list-style-type: none"> Tools: WAGO Crimping Tool, WAGO Screw Driver, Basic Electrician tools, Spanner, Torque Wrench Approved by NS
3	Signals	Installation of Signals at Mainline	Nos	8	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment Installation location. Installation Mounting of Signal pole. Cable cutting in SAT Trench cover (GCC concrete per requirement) for cable connection/termination of signal lights with accessories. Installation of Signal Ladder. Internal Wiring/termination of wires. Routing and Marking of cables and wires, (with approved marking materials). Mounting of Module/Notification (if required). Track crossing will be done by HDPE pipes and pipes shall be fixed with SS clamp with ground. Installation Records to be Provided. Red Correction drawings to be Provided as per released drawings/signaling Plan. 	<p>Wiresman and fitter shall be Provided during Post Installation check out Report</p>	<ul style="list-style-type: none"> Tools: Spanners, Basic Electrician Tools, Ladder, Pencil Gun, DIB Machine, DG, Basic Fitting Tools



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S.No.	Equipment	Scope	Unit	Phase 2 CPSE	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools by Installation Contractor
4	Signals	Installation of Signals at Mainline (with Two Roads)	Nos	2	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment Installation location. Installation Mounting of Signal pole. Cable cutting in SAT Trench cover (GCC concrete per requirement) for cable connection/termination of signal lights with accessories. Installation of Signal Ladder. Internal Wiring/termination of wires. Routing and Marking of cables and wires, (with approved marking materials). Mounting of Module/Notification (if required). Track crossing will be done by HDPE pipes and pipes shall be fixed with SS clamp with ground. Installation Records to be Provided. Red Correction drawings to be Provided as per released drawings/signaling Plan. 	<p>Wiresman and fitter shall be Provided during Post Installation check out Report</p>	<ul style="list-style-type: none"> Tools: Spanners, Basic Electrician Tools, Ladder, Pencil Gun, DIB Machine, DG, Basic Fitting Tools
5	Repeater Signals	Installation of Signals at Mainline (Repeater Signals)	Nos	14	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment Installation location. Installation Mounting of metal frame/support from platform roof ceiling. Installation of Repeater Signals (as per requirement). Internal Wiring/termination of wires. Routing and Marking of cables and wires, (with approved marking materials). Mounting of Module/Notification (if required). Ad cables through PSL Box from platform cable tray to Repeater Signal Support including cable routing & being support (if required). Installation Records to be Provided. Red Correction drawings to be Provided as per released drawings/signaling Plan. 	<p>Wiresman and fitter shall be Provided during Post Installation check out Report</p>	<ul style="list-style-type: none"> Tools: Spanners, Basic Electrician Tools, Ladder, Scaffolding Bar, Basic Fitting Tools
6	Marker Board	Installation of Marker Boards	Nos	33	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment Installation location. Marking and Verification for the exact location of the Marker Boards based on the signaling plan. Installation of Marker Board Fixture. Installation of Marker Boards. Installation Records to be Provided. Red Correction drawings to be Provided as per released drawings/signaling Plan. 		<ul style="list-style-type: none"> Tools: Basic Electrician tools, Spanner, Drilling Machine



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S.No.	Equipment	Scope	Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools by Installation Contractor	Installation Contractor scope of supply of Consumable Items
5	WRS Radio Unit Box	Installation of WRS Radio Unit Box and power box at Main Site including all accessories	No.	27	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Installation of the box with H&E Anchors. Internal Wiring/termination of wires. Routing and Marking of cables and wires, (with approved marking materials). Work crossing will be done by HCPE pipes shall be fixed with ground. Installation Records to be Provided Final Correction drawings to be Provided as per released drawings/signaling Plan) 	Wireman and Fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Trench WAGO Clamping Tool WAGO Screw Driver Basic Electrician Tools Spanner Generator Roll Trolley 	<ul style="list-style-type: none"> Ferrules Tag Insulation tape/insulating tape/insulating tape as per requirement Slit to seal the entry from the junction box. SS Anchor bolsters (400 mm) SS marking tin for alignment as per requirement Substrate gland (installation-mate) shall be provided as per NS approved mate Unseal gland covers (installation-mate) shall be provided as per NS approved mate
6	SCF Box (for SRS)	Installation of SRS SCF Box (for OFC termination) at Main Site and Depot including all accessories	No.	2	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Installation of the junction box with H&E Anchors. Internal Wiring/termination of wires. Routing and Marking of cables and wires, (with approved marking materials). Work crossing will be done by HCPE pipes shall be fixed with ground. Installation Records to be Provided Final Correction drawings to be Provided as per released drawings/signaling Plan) 	Wireman and Fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Trench WAGO Clamping Tool WAGO Screw Driver Basic Electrician Tools Spanner Generator 	<ul style="list-style-type: none"> Ferrules Tag Insulation tape/insulating tape/insulating tape as per requirement Slit to seal the entry from the junction box. SS Anchor bolsters (400 mm) SS marking tin for alignment as per requirement Substrate gland (installation-mate) shall be provided as per NS approved mate Unseal gland covers (installation-mate) shall be provided as per NS approved mate
7	WRS/SRS Antenna & Accessories	Installation of SRS and WRS Antennas including accessories	No.	28	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Verification for site clearance after Mast installation work. Installation Mounting of Base Frame of the WRS and SRS Antenna. Installation of WRS and SRS Antenna. Installation of WRS & SRS marking/trace plates, marker board). Connection of Co-axial cables. Termination, weatherproofing of power cables. Drawing of all the cables. Installation Records to be Provided Final Correction drawings to be Provided as per released drawings/signaling Plan) 	Wireman and Fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Spanner Basic Electrician Tools Basic Fitting Tools Ladder 	<ul style="list-style-type: none"> Ferrules Tag Insulation tape/insulating tape/insulating tape as per requirement Slit to seal the entry from the junction box. Substrate gland (installation-mate) shall be provided as per NS approved mate Unseal gland covers (installation-mate) shall be provided as per NS approved mate



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S.No.	Equipment	Scope	Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools by Installation Contractor	Installation Contractor scope of supply of Consumable Items
8	GPS Antenna	Installation of GPS Antenna	No.	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. GPS Antenna and being accessories installation Verification for the location of the GPS Antenna based on the signaling plan. Installation of GPS Antenna Connection of cables Termination of cables if any 	Wireman and Fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Spanners Basic Electrician Tools Ladder 	<ul style="list-style-type: none"> Insulation tape, cable tie
9	Splicing	Fiber Splicing at COF (in SCF Box)	No.	12	<ul style="list-style-type: none"> Fiber Splicing inside the SCF box. Termination and cable dressing Marking as per drawings Splicing report generation as per recommendation OTDR tests with NS and Customer as per requirement 	Wireman and Fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Splicing Machine and Hand tools 	<ul style="list-style-type: none"> Cleaning kit consumable sleeves etc. Zero loss Splicing Kit Pigtail SC and LC type
10	OFC Cable	Laying of OFC Cable	Meters	400	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of cable (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Unseal laying of P.O. Shoring or manual laying of Fiber as per suitable location. Scope of cable laying shall have cable cutting, laying point to point, splicing, - Routing, marking, dressing & termination, dressing, cable being laid. Cable clamping wherever required. Optical Loss test report after laying the cable 	Wireman and Fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Basic wiring and fitting tools etc. Cable tray for laying Pulley system 	<ul style="list-style-type: none"> UV Protected Cable box, Supply and laying of Double Jacketing (D) spiral for Cable laying (inside unseal/conditioners etc) wherever required. Cable Labels (single 304 or higher) Cable Connectors for Splicing cable termination, Cable clamps.
11	Laying of HCPE Pipe (Hole Size)	Laying of HCPE Pipe	Meters	300	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of HCPE (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Being of coupler for joining HCPE pipes. Laying of HCPE Pipe in Vertical S&T Trench. Forming HCPE Pipe by cable to / clamping 	Wireman and Fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Spanner Basic Electrician Tools 	<ul style="list-style-type: none"> SS steel linked fasteners. UV Cable Box HCPE Couplers shall be provided at specified interval by Installation contractor



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S.No.	Equipment	Scope	Unit	Phase 1 CPIS	Installation contractor Scope of Work	Tooling and Consumables Support by Installation contractor	Tools by Installation Contractor	Installation Contractor scope of supply of Consumables/ Items
12	Splicing	Fibre Splicing at ODF Rack (in SAT Room)	No	12	<ul style="list-style-type: none"> Fibre Splicing inside the ODF box. Termination and cable dressing. Marking as per drawings. Splicing report generation as per recommendation. OTDR tests with NSI and Customer as per requirement. 	Wiresman and fiber shall be Provided during Post Installation check out Report	Splicing Machine and Hand tools	<ul style="list-style-type: none"> Cleaning Kit consumable gloves etc. Zero loss Splicing Kits Pigtail SC and LC type
1	Cable laying (underlay)	Cable laying	Meters	35000	<ul style="list-style-type: none"> Shipment of all type of cables from Warehouse to Site (Includes loading and unloading). Installation of power, signal, earthing, LAN cable and FIO. Scope of cable laying shall have cable cutting, laying point to point, bundling, marking, dressing & termination, dressing, cable laying etc. Testing (Continuity and meggering) Formulating and Marking of cables and wires, (with approved marking materials) Cable clamping wherever required. Cable meggering report before and after cable laying cable trench/guideway cover installation and removal as per requirement to be carried out by Installation contractor 	Wiresman and fiber shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Insulation tester Basic wiring and R/W tools etc. Roll Trolley for cable laying Pulley system 	<ul style="list-style-type: none"> UV Protected Cable ties (Black and White as per requirement) Cable Labels (grade 304 or higher) SS Cable clamps
2	Laying of DMC Pipe (400mm Dia)	Laying of DMC Pipe	Meters	1400	<ul style="list-style-type: none"> Shipment DMC pipe and accessories (Bore) (Includes loading and unloading). Laying of DMC Pipe in Vertical S&T Trench Insertion DMC Pipe by cable tie / clamp core out as requires and joint as per suitable coupler/length status. 	Wiresman and fiber shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Spigot Basic Electrical Tools Drill Machine OD 	<ul style="list-style-type: none"> UV Cable tie SS Clamps/Accessories Heat Shrink of suitable diameter
3	Cable laying (Earthing)	Cable laying	Meters	380	<ul style="list-style-type: none"> Shipment of all Earthing cables from Warehouse to Site (Includes loading and unloading). Installation of earthing. Scope of cable laying shall have cable cutting, laying point to point, bundling, marking, dressing & termination, dressing, cable laying etc. Testing (Continuity and meggering) Formulating and Marking of cables and wires, (with approved marking materials) Cable clamping wherever required. Cable meggering report before and after cable laying 	Wiresman and fiber shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Insulation tester Basic wiring and R/W tools etc. Cable trolley for laying Pulley system 	<ul style="list-style-type: none"> UV Protected Cable ties Cable Labels (grade 304 or higher) Cable Connections for Earthing Cable termination Cable clamps Lugs
1	Cable Cutting	Cable cutting (100mm & 150mm dia) in RCC structure (Trench/guideway) in Dugout & Substation	No	5	Cable cutting as per requirement.			

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S.No.	Equipment	Scope	Unit	Phase 1 CPIS	Installation contractor Scope of Work	Tooling and Consumables Support by Installation contractor	Tools by Installation Contractor	Installation Contractor scope of supply of Consumables/ Items
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Notes:

- All consumables are under Sub-Contract scope.
- Shipment means (Logistics, storage management, loading/unloading) of cable (as identified) from NSI/Customer Stores to Work Site/Equipment Installation location.
- It is sub-con responsibility to keep the issued material safety, keep records, consumption records and to do reconciliation. NSI may do Audit at any point of time.

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Dhaka Metro Line-06							
S.No.	Equipment	Scope	Unit	Phase 2 CPIS	Installation contractor Scope of Work	Tooling and Consumables Support by Installation contractor	Installation Contractor scope of supply of Consumables Item
1	Axle Counter - Wheel Sensor	Installation of Axle counter wheel sensor	Nos	19	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Installation of the wheel sensor units with Rails through Clamp. Internal Wiring/termination of wires. Installation of pre-fabricated sensor cable for wheel sensor & SS. Routing and Marking of cables and wires, (with approved marking materials). Track crossting will be done by HDPE pipes shall be fixed with ground. Installation Records to be Provided Red Correction drawings to be Provided as per released drawings/signalling Plan) 	<ul style="list-style-type: none"> Wiresman and Riser shall be Provided during Post Installation check out Report 	<ul style="list-style-type: none"> Female Tag Isolation tape/insulating tape/thermo-shrinkable tape as per requirement WAGO Clamping Tool Basic Electrician tools, Spanner Channel Cutter / Cable Guard Silicon to seal the entry from the junction box. Approved by NS
2	Axle Counter - Wheel Sensor Junction Box	Installation of Axle counter wheel sensor junction box	Nos	19	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Installation of the junction box with HBI Anchors. Internal Wiring/termination of wires. Routing and Marking of cables and wires, (with approved marking materials). Track crossting will be done by HDPE pipes shall be fixed with ground. Installation Records to be Provided Red Correction drawings to be Provided as per released drawings/signalling Plan) 	<ul style="list-style-type: none"> Wiresman and Riser shall be Provided during Post Installation check out Report 	<ul style="list-style-type: none"> Female Tag Isolation tape/insulating tape/thermo-shrinkable tape as per requirement Silicon to seal the entry from the junction box. SS Anchor fasteners (Ø80 mm). SS packing rim for alignment as per requirement Substrate gland (installation-mat) shall be provided as per NS approved make Unsealed gland covers (installation-mat) shall be provided as per NS approved make
4	Signal	Installation of Signals at Mainline/Two Route Indicator	Nos	4	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Installation of Signal pole. Cable cutting in DUT Trench cover (PVC) covers (as per requirement) for cable connection/Installation of signal lights with accessories. Installation of Signal Ladder. Internal Wiring/termination of wires. Routing and Marking of cables and wires, (with approved marking materials). Mounting of Module/Modification (if required) Track crossting will be done by DMC pipe and pipes shall be fixed with SS Clamp with ground. Installation Records to be Provided Red Correction drawings to be Provided as per released drawings/signalling Plan) 	<ul style="list-style-type: none"> Wiresman and Riser shall be Provided during Post Installation check out Report 	<ul style="list-style-type: none"> Female Tag Isolation tape/insulating tape/thermo-shrinkable tape as per requirement SS 304 Threaded rod for signal pole Anchor bolts (Ø80mm) for signal ladder Substrate Chemical Grouting material approved by NS SS packing rim for alignment as per requirement

S.No.	Equipment	Scope	Unit	Phase 2 CPIS	Installation contractor Scope of Work	Tooling and Consumables Support by Installation contractor	Tools by Installation Contractor	Installation Contractor scope of supply of Consumables Item
5	Repeater Signal	Installation of Signals at Mainline (Repeater Signal)	Nos	20	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Installation of Repeater Signal Unit on metal support/structure. Internal Wiring/termination of wires. Routing and Marking of cables and wires, (with approved marking materials). Mounting of Module/Modification (if required) All cables through FRSL bundle from platform cable tray to Repeater Signal Support including cable routing & fixing support (if required) Installation Records to be Provided Red Correction drawings to be Provided as per released drawings/signalling Plan) 	<ul style="list-style-type: none"> Wiresman and Riser shall be Provided during Post Installation check out Report 	<ul style="list-style-type: none"> Spanner Basic Electrician Tool Ladder Scaffolding Dole Basic Filling Tools 	<ul style="list-style-type: none"> Female Tag Isolation tape/insulating tape/thermo-shrinkable tape as per requirement Flexible pipe
6	Marker Board	Installation of Marker Boards	Nos	73	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Marking and Verification for the exact location of the Marker boards based on the signalling plan. Installation of Marker board Fixture Installation of Marker boards Installation Records to be Provided Red Correction drawings to be Provided as per released drawings/signalling Plan) 		<ul style="list-style-type: none"> Appl Electrician tools, Spanner Cutting Machine 	
7	Point Machine	Point Machine - Mainline	Nos	4	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. VOC plate and point machine base grouting Installation of Point Machine Installation of External Locking Arrangement Installation of drive and detection rods Installation of Support Brackets Cable laying & connection between track side point machine box to point machine Modification/Signalling, if required. Installation Records to be Provided Red Correction drawings to be Provided as per released drawings/signalling Plan) 	<ul style="list-style-type: none"> Wiresman and Riser shall be Provided during Post Installation check out Report 	<ul style="list-style-type: none"> CR Machine Cutting Machine Grader Chain Basic Filling tools Oil, No-go tester File Oil/Grease as per the specification provided by Nippon Chemical Grouting material approved by NS Rail Trolley 	<ul style="list-style-type: none"> Female Tag Isolation tape/insulating tape/thermo-shrinkable tape as per requirement PVC pipe Substrate Chemical Grouting material approved by NS

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S.No.	Equipment	Scope	Unit	Phase 2 CPB	Installation contractor Scope of Work	Tooling and Consumables Support by Installation contractor	Tools by Installation Contractor	Installation Contractor scope of supply of Consumables/ Items
8	Paint Machine JS	Installation of Junction Boxes for Machine Paint machine	Nos	4	<ul style="list-style-type: none"> Shipment (Logistics, storage management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Installation of the junction box with HBI Anchors. Internal Wiring/termination of wires. Routing and Marking of cables and wires, (with approved marking materials) Track crisscross will be done by HDPE pipes shall be fixed with ground. Installation Records to be Provided Red Correction drawings to be Provided as per released drawings/signalling Plan 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Torch WAGO Clamping Tool WAGO Screw Driver Basic Electrician tools Spanner Generator 	<ul style="list-style-type: none"> Females Tags Insulation tape/insulating tape/insulating tape as per requirement SS 304 Threaded rod for signal pole SS to seal the entry from the junction box SS Anchor fasteners (HBI make) SS packing pins for alignment as per requirement Substrate gland (installation-metal) shall be provided as per NS approved make Unwired gland covers (installation-metal) shall be provided as per NS approved make
1	Balbe	Installation of Balbe	Nos	51	<ul style="list-style-type: none"> Shipment (Logistics, storage management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Marking and Verification for the exact location of the balbe based on the signalling plan. Installation of Balbe Frames or Threaded Rod FRP Sheet/Pipe Arrangement for balbe. Installation of balbe. Installation of balbe marking/signage plates in the balbe. Installation Records to be Provided Red Correction drawings to be Provided as per released drawings/signalling Plan Tooling of the balbe with the proper tooling records 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Spanners Basic Electrician Tools Friction Gun Drill Machine DD Basic Filling Tools Grinding Machine 	<ul style="list-style-type: none"> Insulation tape/insulating tape/insulating tape as per requirement SS 304 Threaded rod for signal pole SS Anchor fasteners (HBI/Carver) for signal balbe Substrate Chemical Grouting material approved by NS SS packing pins for alignment as per requirement Clamping, if required
2	Balbe Encoder	Installation of Balbe Encoder and Box	Nos	10	<ul style="list-style-type: none"> Shipment (Logistics, storage management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location. Installation of the junction box with HBI Anchors. Internal Wiring/termination of wires. Routing and Marking of cables and wires, (with approved marking materials) Track crisscross will be done by HDPE pipes shall be fixed with ground. Installation Records to be Provided Red Correction drawings to be Provided as per released drawings/signalling Plan 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Torch Basic Electrician tools Spanner Generator Basic Filling Tools 	<ul style="list-style-type: none"> Females Tags Insulation tape/insulating tape/insulating tape as per requirement SS 304 Threaded rod for signal pole SS to seal the entry from the junction box SS Anchor fasteners (HBI make) SS packing pins for alignment as per requirement Substrate gland (installation-metal) shall be provided as per NS approved make Unwired gland covers (installation-metal) shall be provided as per NS approved make



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S.No.	Equipment	Scope	Unit	Phase 2 CPB	Installation contractor Scope of Work	Tooling and Consumables Support by Installation contractor	Tools by Installation Contractor	Installation Contractor scope of supply of Consumables/ Items
3	WRSRS Mast in Mastine	Installation of WRSRS Mast in Mastine	Nos	36	<ul style="list-style-type: none">Shipment (Logistics, storage management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location.Installation (Assembly of WRSRS Mast)Grounding for WRSRS Mast installationCable routing in SST Trench cover (RCC concrete) per requirement for cable connection/termination of signal lights with accessories. Internal Wiring/termination of wires.Routing and Marking of cables and wires, (with approved marking materials)Track crisscross will be done by DMC pipe and pipes shall be fixed with SS Clamp with ground.Installation Records to be ProvidedRed Correction drawings to be Provided as per released drawings/signalling Plan	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">SpannersBasic Electrician ToolsLeadlineOil MachineOGBasic Filling ToolsRad Trolley	<ul style="list-style-type: none">Insulation tape/insulating tape/insulating tape as per requirement- SS 304 Threaded rod for signal poleAnchor bolts (HBI/Carver) for Signal LightSubstrate Chemical Grouting material approved by NSSS packing pins for alignment as per requirement
4	SRG Radio Unit Box	Installation of SRG Radio Unit Box and power box at Mast line and Depot including all accessories	Nos	4	<ul style="list-style-type: none">Shipment (Logistics, storage management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location.Installation of the box with HBI Anchors.Internal Wiring/termination of wires.Routing and Marking of cables and wires, (with approved marking materials)Track crisscross will be done by HDPE pipes shall be fixed with ground.Installation Records to be ProvidedRed Correction drawings to be Provided as per released drawings/signalling Plan	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">TorchWAGO Clamping ToolWAGO Screw DriverBasic Electrician toolsSpannerGeneratorRad Trolley	<ul style="list-style-type: none">FemalesTagsInsulation tape/insulating tape/insulating tape as per requirementSS to seal the entry from the junction boxSS Anchor fasteners (HBI make)SS packing pins for alignment as per requirementSubstrate gland (installation-metal) shall be provided as per NS approved makeUnwired gland covers (installation-metal) shall be provided as per NS approved make
5	WRS Radio Unit Box	Installation of WRS Radio Unit Box and power box at Mast line including all accessories	Nos	32	<ul style="list-style-type: none">Shipment (Logistics, storage management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment installation location.Installation of the box with HBI Anchors.Internal Wiring/termination of wires.Routing and Marking of cables and wires, (with approved marking materials)Track crisscross will be done by HDPE pipes shall be fixed with ground.Installation Records to be ProvidedRed Correction drawings to be Provided as per released drawings/signalling Plan	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">TorchWAGO Clamping ToolWAGO Screw DriverBasic Electrician toolsSpannerGeneratorRad Trolley	<ul style="list-style-type: none">FemalesTagsInsulation tape/insulating tape/insulating tape as per requirementSS to seal the entry from the junction boxSS Anchor fasteners (HBI make)SS packing pins for alignment as per requirementSubstrate gland (installation-metal) shall be provided as per NS approved makeUnwired gland covers (installation-metal) shall be provided as per NS approved make



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S.No.	Equipment	Scope	Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools by Installation Contractor	Installation Contractor scope of supply of Consumables/ Items
6	SC-F Box (for SRS)	Installation of SRS SCF Box (for CPC termination) at Main line and Depot including all accessories	Nos	4	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment Installation location. Installation of the junction box with 180 Anchors. Internal Wiring/Termination of wires. Routing and Marking of cables and wires, (with approved marking materials). Trunk cabling will be done by HDPE pipe shall be fixed with ground. Installation Records to be Provided. Red Correction drawings to be Provided as per relevant drawings/signalling Point. 	Wireman and Biter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Trench WAGO Clamping Tool WAGO Screw Driver Basic Electrician Tools Spanner Generator 	<ul style="list-style-type: none"> Fanclips Tags Insulation tape/insulating tape as per requirement Shim to seal the entry from the junction box SS Anchor fasteners (if/ as stated) SS padding arm for alignment as per requirement Substrate gland (installation-mate) shall be provided as per NS approved mate Unseal gland covers (installation-mate) shall be provided as per NS approved mate
7	WHS/SRS Antenna & accessories	Installation of SRS and WHS Antennae including accessories	Nos	36	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of equipment (as identified) from NS/Customer Stores to Work Site/Equipment Installation location. Verification for site clearance after start installation work. Installation Mounting of Base Frames of the WHS and SRS Antennae. Installation of WHS and SRS Antennae. Installation of WHS & SRS marking/trace plates, marker board). Connection of Co-axial cables. Termination, weatherproofing of power cables. Crossing of all the cables. Installation Records to be Provided. Red Correction drawings to be Provided as per relevant drawings/signalling Point. 	Wireman and Biter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Spanners Basic Electrician Tools Basic fitting tools Ladder 	<ul style="list-style-type: none"> Fanclips Tags Insulation tape/insulating tape as per requirement Shim to seal the entry from the junction box Substrate gland (installation-mate) shall be provided as per NS approved mate Unseal gland covers (installation-mate) shall be provided as per NS approved mate
8	GPS Antenna	Installation of GPS Antenna	Nos	2	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Equipment (as identified) from NS/Customer stores to Work Site/Equipment Installation location. GPS Antenna and fitting accessories installation. Verification for the location of the GPS Antenna based on the signalling plan. Installation of GPS Antenna Connection of cables Termination of cables if any 	Wireman and Biter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Spanners Basic Electrician Tools Ladder 	<ul style="list-style-type: none"> Insulation tape, cable tie
9	Splicing	Fibre Splicing at ODF (in SCF Box)	Nos	24	<ul style="list-style-type: none"> Fibre Splicing inside the SCF Box. Termination and cable dressing. Marking as per drawings Splicing report generation as per recommendation OTDR tests with NS and Customer as per requirement 	Wireman and Biter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Splicing Machine and hand tools 	<ul style="list-style-type: none"> Cleaning Kit consumable sleeves etc. Zero loss Splicing Kits Pigtail SC and LC type

CPIS - Outlier BOG



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S.No.	Equipment	Scope	Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools by Installation Contractor	Installation Contractor scope of supply of Consumables/ Items
		Laying of CPC Cable	Meters	800	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of cable (as identified) from NS/Customer Stores to Work Site/Equipment Installation location. Internal Laying of FIC Shelling or manual laying of Fiber as per suitable location. Scope of cable laying shall have cable cutting, laying point to point, bundling, Fanning, marking, sheathing & termination, dressing, cable tying etc. Cable clamping wherever required. Optical Loss test report after laying the cable 	Wireman and Biter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Basic wiring and fitting tools etc. Cable trolley for laying Pulley system 	<ul style="list-style-type: none"> UV Protected Cable ties. Supply and laying of Double bundling GI spiral for Cable tying (inside undergrounds etc. and wherever required). Cable Labels (Grade 304 or higher) Cable Connections for Earthing cable termination. Cable clamps.
		Laying of HDPE Pipe	Meters	700	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of HDPE (as identified) from NS/Customer Stores to Work Site/Equipment Installation location. Being of couplers for joining HDPE pipes. Laying of HDPE Pipe in Vacuum SAT Trench. Fasten HDPE Pipe by cable tie / clamp 	Wireman and Biter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Spanners Basic Electrician Tools 	<ul style="list-style-type: none"> SS steel bed fasteners UV Cable tie. HDPE Couplers shall be provided as specified internal by installation contractor
		Fibre Splicing at ODF Rack (in SAT Room)	Nos	24	<ul style="list-style-type: none"> Fibre Splicing inside the ODF Box. Termination and cable dressing. Marking as per drawings Splicing report generation as per recommendation OTDR tests with NS and Customer as per requirement 	Wireman and Biter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Splicing Machine and hand tools 	<ul style="list-style-type: none"> Cleaning Kit consumable sleeves etc. Zero loss Splicing Kits Pigtail SC and LC type
4. Cable Services Outlier								
		Cable Laying	Meters	32000	<ul style="list-style-type: none"> Shipment of all type of cables from Warehouse to Site (Includes loading and unloading) Internal Laying of power, signal, working, LAN cable and FIC. Scope of cable laying shall have cable cutting, laying point to point, bundling, Fanning, marking, sheathing & termination, dressing, cable tying etc. Testing (Continuity and impedance). Routing and Marking of cables and wires, (with approved marking materials) Cable clamping wherever required. Cable tagging/report before and after cable laying Cable trench/gateway cover installation and removal as per requirement to be carried out by installation contractor 	Wireman and Biter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Insulation tester Basic wiring and fitting tools etc. Roll Trolley for cable laying Pulley system 	<ul style="list-style-type: none"> UV Protected Cable ties (Black and White as per requirement) Cable Labels (Grade 304 or higher) SS Cable clamps.
		Laying of DMC Pipe	Meters	1800	<ul style="list-style-type: none"> Shipment DMC pipe and accessories (Basic) (Includes loading and unloading) Laying of DMC Pipe in Vacuum SAT Trench Fasten DMC Pipe by cable tie / clamp/ cut out as requires and joint as per suitable underground covers 	Wireman and Biter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Spanners Basic Electrician Tools Oil Machine OG 	<ul style="list-style-type: none"> UV Cable tie. SS Clamps/Accessories Heat Shrink of suitable diameter



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Dhaka Metro Line-06 Indoor Scope of Work and Supplies -B32 R104							
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Remarks
A Computer Based Interlocking (CIL)							
1	Wall Controller	Installation of Wall Controller	Nos	1	- Shipment to site (includes loading and unloading) - Installation of workstation and Monitor - Termination of ethernet cables and related computer cables. - Provision of power supply for workstation.	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine with drill bits - RJ 45 crimping tool and RJ 45 Connectors - Wall gang power socket - LAN type gang box supply of main power sockets.
2	ATS Server	Installation of ATS Server	Nos	1	- Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Bundling and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required) - Installation of AC FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) - Anchor bolts (HBB/Canon Make) - Stainless bolts and nuts (HBB/Canon Make) - DIN rails - earthen/terminals - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - kg of appropriate size (approval shall be taken from NS)
3	POC (Wall Mounted)	Installation of POC	Nos	1	- Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Bundling and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required) - Installation of AC FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) - Anchor bolts (HBB/Canon Make) - Stainless bolts and nuts (HBB/Canon Make) - DIN rails - earthen/terminals - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - kg of appropriate size (approval shall be taken from NS)
4	OCSC SIMULATOR	Installation of OCSC SIMULATOR	Nos	1	- Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Bundling and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required) - Installation of AC FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) - Anchor bolts (HBB/Canon Make) - Stainless bolts and nuts (HBB/Canon Make) - DIN rails - earthen/terminals - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - kg of appropriate size (approval shall be taken from NS)

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Indoor Scope of Work and Supplies -B32 R104							
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Remarks
5	Operation Control Console Workstation For Trainer	Installation of ATS Server Operation Control Console Workstation For Trainer	Nos	1	- Shipment to site (includes loading and unloading) - Installation of workstation and Monitor - Termination of ethernet cables and related computer cables. - Provision of power supply for workstation.	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine with drill bits - RJ 45 crimping tool and RJ 45 Connectors - Wall gang power socket - LAN type gang box supply of main power sockets.
6	Operation Control Console Workstation For Trainer	Installation of ATS Server Operation Control Console Workstation For Trainer	Nos	1	- Shipment to site (includes loading and unloading) - Installation of workstation and Monitor - Termination of ethernet cables and related computer cables. - Provision of power supply for workstation.	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine with drill bits - RJ 45 crimping tool and RJ 45 Connectors - Wall gang power socket - LAN type gang box supply of main power sockets.
7	Printer	Installation of Printer	Nos	1	- Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Bundling and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required) - Installation of AC FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) - Anchor bolts (HBB/Canon Make) - Stainless bolts and nuts (HBB/Canon Make) - DIN rails - earthen/terminals - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - kg of appropriate size (approval shall be taken from NS)
8	Large LCD Panel	Installation of Large LCD Panel	Nos	1	- Shipment to site (includes loading and unloading) - Installation of workstation and Monitor - Termination of ethernet cables and related computer cables. - Provision of power supply for ICP	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine with drill bits - RJ 45 crimping tool and RJ 45 Connectors - Wall gang power socket - LAN type gang box supply of main power sockets.
C Power Distribution Cubicles (POC)							
1	POC	Installation of Power Distribution Cubicles (POC)	Nos	1	- Shipment (Logistics, stores management, loading unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/Termination of wires and Cabling of the cabinet - Bundling and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required) - Installation of AC FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) - Anchor bolts (HBB/Canon Make) - Stainless bolts and nuts (HBB/Canon Make) - DIN rails - earthen/terminals - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - kg of appropriate size (approval shall be taken from NS)

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Indoor Scope of Work and Supplies -B32 R104								
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Tools	Remarks
D Cable Laying								
1	Indoor Cable	Laying of power cables	Meters	140	- Shipment (Logistics, stores management, loading/unloading) of Cable Drum/Cables (as identified) from NS/Customer Stores to Work Site. - Install Laying of cables. - Scope of cable laying shall have cable cutting, laying point to point, bending, Fanning, marking, sleeving & termination, dressing, cable tying etc. - Testing (Continuity and meggering) - Fanning and Marking of cables and wires, (with approved marking materials) - Cable Meggering report before and after laying - Cable laying between SCR & SAT For AXRP and Harbeck Switch	Wireman and fitter shall be Provided during Post Installation check out Report	- Heat Shrinkable Tube (Skard type) - SI (grade 304 or higher) Metal Plate for the cable marking - Anchor Bolts, Nuts and bolts - Putty for the cable entrance if required - Silicon sealant / rubber tape to seal the cabinet (if there are some remaining holes) - LV Cable Ties - CU Lugs	HDM cables (33meter) included in power cables
GRAND TOTAL								B01

* Including transportation from Nippon warehouse to the site (including Loading and Un-Loading).
Supply of consumables is under Sub-Contract scope.

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Dhaka Metro Line-06 Indoor Scope of Work and Supplies-B33 R104								
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Remarks
A Computer Based Interlocking (CBI)								
1	Object Controller	Installation of Object Controller	Nos	1	- Shipment (Logistics, stores management, loading/unloading) of Cables from NS/Customer Stores to Work Site. - Erection and mounting of Cabinets - Internal Wiring/Termination of wires and Cabling of the cabinet - Fanning and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required - Installation of ACI FAI if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed)	- Anchor bolts (HBB/Canon Make) - Stainless bolts and nuts (HBB/Canon Make) - DIB bits - marking/terminates - PVC Cable Glends if applicable - cable tie - Heat Shrink tube (approval shall be taken from NS)
2	CB Rack	Installation of CB Rack	Nos	1	- Shipment (Logistics, stores management, loading/unloading) of Cables from NS/Customer Stores to Work Site. - Erection and mounting of Cabinets - Internal Wiring/Termination of wires and Cabling of the cabinet - Fanning and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required - Installation of ACI FAI if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed)	- Anchor bolts (HBB/Canon Make) - Stainless bolts and nuts (HBB/Canon Make) - DIB bits - marking/terminates - PVC Cable Glends if applicable - cable tie - Heat Shrink tube (approval shall be taken from NS)
3	MDF Rack	Installation of MDF Rack	Nos	1	- Shipment (Logistics, stores management, loading/unloading) of Cables from NS/Customer Stores to Work Site. - Erection and mounting of Cabinets - Internal Wiring/Termination of wires and Cabling of the cabinet - Fanning and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required - Installation of ACI FAI if required for the cabinet. (if any) - Mounting of Modules/Modification (if required) - Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	- Drilling machine - Spanners - Torque wrench (Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed)	- Anchor bolts (HBB/Canon Make) - Stainless bolts and nuts (HBB/Canon Make) - DIB bits - marking/terminates - PVC Cable Glends if applicable - cable tie - Heat Shrink tube (approval shall be taken from NS)

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Indoor Scope of Work and Supplies-B33 R104									
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPQS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables	Remarks
4	VOCB Rack	Installation of VOCB Rack	Nos	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Erection and mounting of Cubicles Internal Wiring/Termination of wires and Cabling of the cabinet Forming and Marking of cables and wires, (with approved marking materials) Installation of internal modules (equipment)/ modification / installation is required) Installation of AC FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine Spanners Torque wrench/Calibrated) Multimeter Megger meter Wiring Tools Temporary Power Arrangement (DG) Temporary Lighting arrangement Hand Trolley Ladder (if needed) 	<ul style="list-style-type: none"> Anchor bolts (HBB/Canon Make) Stainless bolts and nuts (HBB/Canon Make) Drill bits Markers/templates PVC Cable Clamps if applicable Cable tie Heat Shrink tube Tag of appropriate size approval shall be taken from NS) 	
5	SC Rack	Installation of SC Rack	Nos	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Erection and mounting of Cubicles Internal Wiring/Termination of wires and Cabling of the cabinet Forming and Marking of cables and wires, (with approved marking materials) Installation of internal modules (equipment)/ modification / installation is required) Installation of AC FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine Spanners Torque wrench/Calibrated) Multimeter Megger meter Wiring Tools Temporary Power Arrangement (DG) Temporary Lighting arrangement Hand Trolley Ladder (if needed) 	<ul style="list-style-type: none"> Anchor bolts (HBB/Canon Make) Stainless bolts and nuts (HBB/Canon Make) Drill bits Markers/templates PVC Cable Clamps if applicable Cable tie Heat Shrink tube Tag of appropriate size approval shall be taken from NS) 	
6	Divider with FRP Box (Wall Mount)	Installation of Divider with FRP Box	Nos	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Installation for fixures support Internal Wiring/Termination of wires and Cabling of the cabinet Forming and Marking of cables and wires, (with approved marking materials) Installation of internal modules (equipment)/ modification / installation is required) Installation of AC FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine Spanners Torque wrench/Calibrated) Multimeter Megger meter Wiring Tools Temporary Power Arrangement (DG) Temporary Lighting arrangement Hand Trolley Ladder (if needed) 	<ul style="list-style-type: none"> Anchor bolts (HBB/Canon Make) Stainless bolts and nuts (HBB/Canon Make) Drill bits Markers/templates PVC Cable Clamps if applicable Cable tie Heat Shrink tube Tag of appropriate size approval shall be taken from NS) 	

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Indoor Scope of Work and Supplies-B33 R104									
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPQS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables	Remarks
7	WRS Box	Installation of WRS Box	Nos	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Erection and mounting of Cubicles Internal Wiring/Termination of wires and Cabling of the cabinet Forming and Marking of cables and wires, (with approved marking materials) Installation of internal modules (equipment)/ modification / installation is required) Installation of AC FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine Spanners Torque wrench/Calibrated) Multimeter Megger meter Wiring Tools Temporary Power Arrangement (DG) Temporary Lighting arrangement Hand Trolley Ladder (if needed) 	<ul style="list-style-type: none"> Anchor bolts (HBB/Canon Make) Stainless bolts and nuts (HBB/Canon Make) Drill bits Markers/templates PVC Cable Clamps if applicable Cable tie Heat Shrink tube Tag of appropriate size approval shall be taken from NS) 	
8	SC-IT	Installation of SC-IT	Nos	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Erection and mounting of Cubicles Internal Wiring/Termination of wires and Cabling of the cabinet Forming and Marking of cables and wires, (with approved marking materials) Installation of internal modules (equipment)/ modification / installation is required) Installation of AC FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine Spanners Torque wrench/Calibrated) Multimeter Megger meter Wiring Tools Temporary Power Arrangement (DG) Temporary Lighting arrangement Hand Trolley Ladder (if needed) 	<ul style="list-style-type: none"> Anchor bolts (HBB/Canon Make) Stainless bolts and nuts (HBB/Canon Make) Drill bits Markers/templates PVC Cable Clamps if applicable Cable tie Heat Shrink tube Tag of appropriate size approval shall be taken from NS) 	
9	ICP Workstation	Installation of ICP	Nos	1	<ul style="list-style-type: none"> Shipment to site (includes loading and unloading). Installation of workstation and Monitor Termination of ethernet cables and related computer cables. Provision of power supply for workstation. Installation of UPS for ICP 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine with drill bits RJ 45 crimping tool and RJ 45 Connectors 	<ul style="list-style-type: none"> Wall gang power socket LAN type gang box supply of main power sockets. 	
10	DMR	Installation of DMR	Nos	1	<ul style="list-style-type: none"> Shipment to site (includes loading and unloading). Installation of DMR module and its fixures. Termination of ethernet cables and related computer cables. Provision of power supply for workstation. Laying of prefabricated cable and connection 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine with drill bits RJ 45 crimping tool and RJ 45 Connectors 	<ul style="list-style-type: none"> Wall gang power socket LAN type gang box supply of main power sockets. 	
11	SW Box Workstation	Installation of SW Box	Nos	1	<ul style="list-style-type: none"> Shipment to site (includes loading and unloading). Installation of DMR module and its fixures. Termination of ethernet cables and related computer cables. Provision of power supply for workstation. Laying of prefabricated cable and connection 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine with drill bits RJ 45 crimping tool and RJ 45 Connectors 	<ul style="list-style-type: none"> Wall gang power socket LAN type gang box supply of main power sockets. 	

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Indoor Scope of Work and Supplies-B33 R104									
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPES	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables	Remarks
12	Rail with wheel sensor	Installation of Rail with wheel sensor	Yes	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Erection and mounting of Rail Wheel Sensor Internal Wiring/Termination of wires and Cabling of the cabinet Fanning and Marking of cables and wires, (with approved marking materials) Installation of internal modules (equipment) if modification / Installation is required Installation of AC FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine Spanners Torque wrench/Calibrated Multimeter Megger meter Wiring Tools Temporary Power Arrangement (DG) Temporary Lighting arrangement Hand Trolley Ladder (if needed) 	<ul style="list-style-type: none"> Anchor bolts (HBB/Canon Make) Stainless bolts and nuts (HBB/Canon Make) Drill bits markings/temperatures PVC Cable Glands if applicable Cable tie Heat Shrink tube bag of appropriate size (approval shall be taken from NS) 	
13	Simulator Rack/Box	Installation of Simulator Rack/Box	Yes	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site and from Work Site to NS Stores back after Commissioning. Erection and mounting of Cubicles Internal Wiring/Termination of wires and Cabling of the cabinet Fanning and Marking of cables and wires, (with approved marking materials) Installation of internal modules (equipment) if modification / Installation is required Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> wrench/Calibrated Multimeter Megger meter Wiring Tools 	<ul style="list-style-type: none"> markings/temperatures Cable tie Heat Shrink tube bag of appropriate size (approval shall be taken from NS) 	
B Balise									
1	PO Balise	Installation of PO Balise	Yes	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Erection and mounting of Balise and its fixture Internal Wiring/Termination of wires and Cabling of the cabinet Fanning and Marking of cables and wires, (with approved marking materials) Installation of internal modules (equipment) if modification / Installation is required Installation of AC FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine Spanners Torque wrench/Calibrated Multimeter Megger meter Wiring Tools Temporary Power Arrangement (DG) Temporary Lighting arrangement Hand Trolley Ladder (if needed) 	<ul style="list-style-type: none"> Anchor bolts (HBB/Canon Make) Stainless bolts and nuts (HBB/Canon Make) Drill bits markings/temperatures PVC Cable Glands if applicable Cable tie Heat Shrink tube bag of appropriate size (approval shall be taken from NS) 	

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Indoor Scope of Work and Supplies-B33 R104									
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPES	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables	Remarks
2	PO Balise Encoder	Installation of PO Balise	Yes	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Erection and mounting of Cubicles Internal Wiring/Termination of wires and Cabling of the cabinet Fanning and Marking of cables and wires, (with approved marking materials) Installation of internal modules (equipment) if modification / Installation is required Installation of AC FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine Spanners Torque wrench/Calibrated Multimeter Megger meter Wiring Tools Temporary Power Arrangement (DG) Temporary Lighting arrangement Hand Trolley Ladder (if needed) 	<ul style="list-style-type: none"> Anchor bolts (HBB/Canon Make) Stainless bolts and nuts (HBB/Canon Make) Drill bits markings/temperatures PVC Cable Glands if applicable Cable tie Heat Shrink tube bag of appropriate size (approval shall be taken from NS) 	
3	Balise Antenna	Installation of Balise Antenna	Yes	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Erection and mounting of Balise Antenna and its fixture Internal Wiring/Termination of wires and Cabling of the cabinet Fanning and Marking of cables and wires, (with approved marking materials) Installation of internal modules (equipment) if modification / Installation is required Installation of AC FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine Spanners Torque wrench/Calibrated Multimeter Megger meter Wiring Tools Temporary Power Arrangement (DG) Temporary Lighting arrangement Hand Trolley Ladder (if needed) 	<ul style="list-style-type: none"> Anchor bolts (HBB/Canon Make) Stainless bolts and nuts (HBB/Canon Make) Drill bits markings/temperatures PVC Cable Glands if applicable Cable tie Heat Shrink tube bag of appropriate size (approval shall be taken from NS) 	
C Point Machine									
1	Rail Simulator for PM training (Member)	Installation of Rail Simulator for PM training	Yes	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Erection and mounting of Equipment Internal Wiring/Termination of wires and Cabling of the cabinet Fanning and Marking of cables and wires, (with approved marking materials) Installation of internal modules (equipment) if modification / Installation is required Installation of AC FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> Drilling machine Spanners Torque wrench/Calibrated Multimeter Megger meter Wiring Tools Temporary Power Arrangement (DG) Temporary Lighting arrangement Hand Trolley Ladder (if needed) 	<ul style="list-style-type: none"> Anchor bolts (HBB/Canon Make) Stainless bolts and nuts (HBB/Canon Make) Drill bits markings/temperatures PVC Cable Glands if applicable Cable tie Heat Shrink tube bag of appropriate size (approval shall be taken from NS) 	

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Indoor Scope of Work and Supplies-B33 R104									
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables	Remarks
2	Rail Simulator for PM training (Depot)	Installation of Rail Simulator for PM training	N/A	1	<ul style="list-style-type: none">- Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site.- Erection and mounting of Equipment- Internal Wiring/Termination of wires and Cabling of the cabinet- Fanning and Marking of cables and wires, (with approved marking materials)- Installation of internal modules (equipment) modification / installation is required)- Installation of AC/FAN (if required for the cabinet, (if any)- Mounting of Modules/Modification (if required)- Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">- Drilling machine- Spanners- Torque wrench(Calibrated)- Multimeter- Megger meter- Wiring Tools- Temporary Power Arrangement (DG)- Temporary Lighting arrangement- Hand Trolley- Ladder (if needed)	<ul style="list-style-type: none">-Anchor bolts (H&B/Canon Make)- Stainless bolts and nuts (H&B/Canon Make)- Drill bits-markers/manipulators- PVC Cable Glends if applicable- cable tie- Heat Shrink tube- Tag of appropriate size (approval shall be taken from NS)	
3	Point Machine -JB (Mainline)	Installation of Point Machine -JB	N/A	1	<ul style="list-style-type: none">- Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site.- Erection and mounting of Cubicles- Internal Wiring/Termination of wires and Cabling of the cabinet- Fanning and Marking of cables and wires, (with approved marking materials)- Installation of internal modules (equipment) modification / installation is required)- Installation of AC/FAN (if required for the cabinet, (if any)- Mounting of Modules/Modification (if required)- Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">- Drilling machine- Spanners- Torque wrench(Calibrated)- Multimeter- Megger meter- Wiring Tools- Temporary Power Arrangement (DG)- Temporary Lighting arrangement- Hand Trolley- Ladder (if needed)	<ul style="list-style-type: none">-Anchor bolts (H&B/Canon Make)- Stainless bolts and nuts (H&B/Canon Make)- Drill bits-markers/manipulators- PVC Cable Glends if applicable- cable tie- Heat Shrink tube- Tag of appropriate size (approval shall be taken from NS)	
4	Point Machine -JB (Depot)	Installation of Point Machine -JB	N/A	1	<ul style="list-style-type: none">- Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site.- Erection and mounting of Cubicles- Internal Wiring/Termination of wires and Cabling of the cabinet- Fanning and Marking of cables and wires, (with approved marking materials)- Installation of internal modules (equipment) modification / installation is required)- Installation of AC/FAN (if required for the cabinet, (if any)- Mounting of Modules/Modification (if required)- Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">- Drilling machine- Spanners- Torque wrench(Calibrated)- Multimeter- Megger meter- Wiring Tools- Temporary Power Arrangement (DG)- Temporary Lighting arrangement- Hand Trolley- Ladder (if needed)	<ul style="list-style-type: none">-Anchor bolts (H&B/Canon Make)- Stainless bolts and nuts (H&B/Canon Make)- Drill bits-markers/manipulators- PVC Cable Glends if applicable- cable tie- Heat Shrink tube- Tag of appropriate size (approval shall be taken from NS)	

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Indoor Scope of Work and Supplies-B33 R104									
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables	Remarks
5	Simulator Rack/ Box	Installation, removal of Simulator Rack/Box	N/A	1	<ul style="list-style-type: none">- Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site and From Work Site to NS Stores back after Commissioning.- Erection and mounting of JB.- Internal Wiring/Termination of wires and Cabling of the cabinet- Fanning and Marking of cables and wires, (with approved marking materials)- Installation of internal modules (equipment) modification / installation is required)- Mounting of Modules/Modification (if required)- Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">-wrench(Calibrated)- Multimeter- Megger meter- Wiring Tools	<ul style="list-style-type: none">-markers/manipulators- cable tie- Heat Shrink tube- tag of appropriate size (approval shall be taken from NS)	
D									
Asle counter									
1	Asle counter cubicles	Installation of Asle counter Cubicles	N/A	1	<ul style="list-style-type: none">- Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site.- Erection and mounting of Cubicles- Internal Wiring/Termination of wires and Cabling of the cabinet- Fanning and Marking of cables and wires, (with approved marking materials)- Installation of internal modules (equipment) modification / installation is required)- Installation of AC/FAN (if required for the cabinet, (if any)- Mounting of Modules/Modification (if required)- Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">- Drilling machine- Spanners- Torque wrench(Calibrated)- Multimeter- Megger meter- Wiring Tools- Temporary Power Arrangement (DG)- Temporary Lighting arrangement- Hand Trolley- Ladder (if needed)	<ul style="list-style-type: none">-Anchor bolts (H&B/Canon Make)- Stainless bolts and nuts (H&B/Canon Make)- Drill bits-markers/manipulators- PVC Cable Glends if applicable- cable tie- Heat Shrink tube- tag of appropriate size (approval shall be taken from NS)	
2	Asle counter Reset Panel	Installation of Asle counter Reset Panel	N/A	1	<ul style="list-style-type: none">- Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site.- Erection and mounting of Cubicles- Internal Wiring/Termination of wires and Cabling of the cabinet- Fanning and Marking of cables and wires, (with approved marking materials)- Installation of internal modules (equipment) modification / installation is required)- Installation of AC/FAN (if required for the cabinet, (if any)- Mounting of Modules/Modification (if required)- Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">- Drilling machine- Spanners- Torque wrench(Calibrated)- Multimeter- Megger meter- Wiring Tools- Temporary Power Arrangement (DG)- Temporary Lighting arrangement- Hand Trolley- Ladder (if needed)	<ul style="list-style-type: none">-Anchor bolts (H&B/Canon Make)- Stainless bolts and nuts (H&B/Canon Make)- Drill bits-markers/manipulators- PVC Cable Glends if applicable- cable tie- Heat Shrink tube- Tag of appropriate size (approval shall be taken from NS)	

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Indoor Scope of Work and Supplies-B33 R104									
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPSS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables	Remarks
E Signal									
1	Way-side signal with 2 route indicator	Installation of Way-side signal with 2 route indicator	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required) - Installation of AC/FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and Riser shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HBB/Carbon Make) - Stainless bolts and nuts (HBB/Carbon Make) - Drill bits - markers/nanoplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - tag of appropriate size (approval shall be taken from NS) 	
2	Shunt Signal with Multi-route indicator (Signal 1dgt)	Installation of Shunt Signal with Multi-route indicator (Signal 1dgt)	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required) - Installation of AC/FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and Riser shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HBB/Carbon Make) - Stainless bolts and nuts (HBB/Carbon Make) - Drill bits - markers/nanoplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - tag of appropriate size (approval shall be taken from NS) 	
F Power Distribution Cubicles (PDC)									
1	PDC	Installation of Power Distribution Cubicles (PDC)	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required) - Installation of AC/FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and Riser shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HBB/Carbon Make) - Stainless bolts and nuts (HBB/Carbon Make) - Drill bits - markers/nanoplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - tag of appropriate size (approval shall be taken from NS) 	

Indoor Scope of Work and Supplies-B33 R104									
S.No.	Equipment	Scope	Quoted Unit	Phase 2 CPSS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Tools to be managed by Installation Contractor	Installation scope of supply of Consumables	Remarks
G MTD									
1	MTD	Installation of MTD	Nos	1	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Equipment - Internal Wiring/termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required) - Installation of AC/FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and Riser shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HBB/Carbon Make) - Stainless bolts and nuts (HBB/Carbon Make) - Drill bits - markers/nanoplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - tag of appropriate size (approval shall be taken from NS) 	
2	MT Box	Installation of MT Box	Nos	4	<ul style="list-style-type: none"> - Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. - Erection and mounting of Cubicles - Internal Wiring/termination of wires and Cabling of the cabinet - Fencing and Marking of cables and wires, (with approved marking materials) - Installation of internal modules (equipment) if modification / installation is required) - Installation of AC/FAN if required for the cabinet, (if any) - Mounting of Modules/Modification (if required) - Termination of wires 	Wireman and Riser shall be Provided during Post Installation check out Report	<ul style="list-style-type: none"> - Drilling machine - Spanners - Torque wrench(Calibrated) - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed) 	<ul style="list-style-type: none"> - Anchor bolts (HBB/Carbon Make) - Stainless bolts and nuts (HBB/Carbon Make) - Drill bits - markers/nanoplates - PVC Cable Glands if applicable - cable tie - Heat Shrink tube - tag of appropriate size (approval shall be taken from NS) 	

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Dhaka Metro Line-06 Indoor Scope of Work and Supplies -B32 R235							
S.No.	Equipment	Scope	Quoted Unit	Phase-I	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Remarks
A Automatic Train supervision (ATS)							
1	Network SW Rack	Installation of Network Switch Racks	No	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Erection and mounting of Cubicles Internal Wiring/termination of wires and Cabling of the cabinet Furling and Marking of cables and wires, (with approved marking materials) Installation of external modules/equipment(s) if modification / installation is required Installation of A/C FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	Drilling machine - Spanners - Torque wrench/Calibrated - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed)
2	Timetable Management (OFFLINE) Workstation	Installation of Timetable Management (OFFLINE) Workstation	No	1	<ul style="list-style-type: none"> Shipment to site (includes loading and unloading). Installation of workstation and Monitor Termination of ethernet cables and related computer cables. Provision of power supply for workstation. 	Wireman and fitter shall be Provided during Post Installation check out Report	Drilling machine with drill bits - RJ 45 crimping tool and RJ 45 Connectors
B Printer							
1	Printer Plotter (Large)	Installation of Printer Plotter (Large)	No	1	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cubicle from NS/Customer Stores to Work Site. Erection and mounting of Cubicles Internal Wiring/termination of wires and Cabling of the cabinet Furling and Marking of cables and wires, (with approved marking materials) Installation of external modules/equipment(s) if modification / installation is required Installation of A/C FAN if required for the cabinet, (if any) Mounting of Modules/Modification (if required) Termination of wires 	Wireman and fitter shall be Provided during Post Installation check out Report	Drilling machine - Spanners - Torque wrench/Calibrated - Multimeter - Megger meter - Wiring Tools - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Hand Trolley - Ladder (if needed)

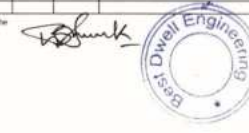
Rajshika Mingshi



Rajshika Mingshi

Indoor Scope of Work and Supplies-B33 R104							
S.No.	Equipment	Scope	Quoted Unit	Phase I CPIS	Installation contractor Scope of Work	Testing and Commissioning Support by Installation contractor	Remarks
H Cable Laying							
1	Cable tray Underfloor	Installation and Laying of cables trays	Meters	43	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cable Drums/Cables (as identified) from NS/Customer Stores to Work Site. Install/Laying of cables as per layout and standard. 	Wireman and fitter shall be Provided during Post Installation check out Report	Drilling machine - Spanners - Torque wrench/Calibrated - Temporary Power Arrangement (DG) - Temporary Lighting arrangement - Ladder (if needed)
2	Indoor Cable	Laying of power cables	Meters	115	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cable Drums/Cables (as identified) from NS/Customer Stores to Work Site. Install/Laying of cables. Scope of cable laying shall have cable cutting, laying point to point, glinding, furling, marking, sleeving & termination, dressing, cable being etc. Testing (Continuity and meggering) Furling and Marking of cables and wires, (with approved marking materials) Cable Meggering report before and after laying Cable laying between SCR & SAT For AGRP and Network Switch 	Wireman and fitter shall be Provided during Post Installation check out Report	Megger and hand tools Scaffolding, Ladder (as and when applicable)
		Laying of Ethernet cables	Meters	35	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cable Drums/Cables (as identified) from NS/Customer Stores to Work Site. Install/Laying of F/G. Scope of cable laying shall have cable cutting, laying point to point, glinding, furling, marking, sleeving & termination, dressing, cable being etc. Cable clamping whenever required. Optical Link test report after laying the cable Cable laying between SCR & SAT Network Switch 	Wireman and fitter shall be Provided during Post Installation check out Report	Megger and hand tools Scaffolding, Ladder (as and when applicable)
3	Optical Fibre	Laying of OFC inside Station equipment Room (OC, Aisle counter, Station Computer and MTD)	Meters	18	<ul style="list-style-type: none"> Shipment (Logistics, stores management, loading/unloading) of Cable Drums/Cables (as identified) from NS/Customer Stores to Work Site. Install/Laying of F/G. Scope of cable laying shall have cable cutting, laying point to point, glinding, furling, marking, sleeving & termination, dressing, cable being etc. Cable clamping whenever required. Optical Link test report after laying the cable Cable laying between SCR & SAT Network Switch 	Wireman and fitter shall be Provided during Post Installation check out Report	Megger and hand tools Scaffolding, Ladder (as and when applicable)
GRAND TOTAL							801

* Including transportation from Nippon warehouse to the site (Including Loading and Un-Loading).
Supply of consumables is under Sub-Contract scope.



Rajshika Mingshi

OUR CONTRACT PAPER

Indoor Scope of Work and Supplies -B32 R235									
S.No.	Equipment	Scope	Quoted Unit	Phase-II	Installation contractor Scope of Work	Testing and Commissioning Support by Installation	Tools	Installation scope of supply of	Remarks
2	Printer Plotter (Small)	Installation of Printer Plotter (Small)	No	1	<ul style="list-style-type: none">- Shipment (Logistics, stores management, loading/unloading) of Cables from NS/Customer Stores to Work Site.- Erection and mounting of Cables- Internal Wiring/Termination of wires and Cabling of the cabinet- Fanning and Marking of cables and wires. (with approved marking materials)- Installation of internal modules/equipment(s) if modification / Installation is required)- Installation of A/C FAN if required for the cabinet. (if any)- Mounting of Modules/Modification (if required)- Termination of wires	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">- Drilling machine- Spanners- Torque wrench(Calibrated)- Multimeter- Megger meter- Wiring Tools- Temporary Power Arrangement (DG)- Temporary Lighting arrangement- Hand Trolley- Ladder (if needed)	<ul style="list-style-type: none">- Anchor bolts (HBB/Canon Make)- Stainless bolts and nuts (HBB/Canon Make)- Drill bits- marker/pen/pencils- PVC Cable Glands if applicable- cable tie- Heat Shrink tube (approval shall be taken from NS)	
C Cable Laying									
1	Indoor Cable	Laying of power cables	Meters	25	<ul style="list-style-type: none">- Shipment (Logistics, stores management, loading/unloading) of Cable Drums/cables (as identified) from NS/Customer Stores to Work Site.- Install/Laying of cables.- Scope of cable laying shall have cable cutting, laying point to point, bending, fanning, marking, sleeving & termination, dressing, cable tying etc.- Testing (Continuity and meggering)- Fanning and Marking of cables and wires. (with approved marking materials)- Cable Meggering report before and after laying- Cable laying between SCR & SAT For AXRP and Network Switch	Wireman and fitter shall be Provided during Post Installation check out Report	<ul style="list-style-type: none">- Megger and hand tools- Scaffolding, Ladder (as and when applicable)	<ul style="list-style-type: none">- Heat Shrinkable Tube (Oiled type)- SS (grade 304 or higher) Name Plate for the cable marking- Anchor bolts, bolts and nuts- Putty for the cable entrance if required- Silicon sealed / rubber tape to seal the cabinet if there are some remaining holes.- UV Cable Ties- CU Lugs.	
		Laying of Ethernet cables	Meters	25					
GRAND TOTAL									BDT

* Including transportation from Nippon warehouse to the site (Including Loading and Un-Loading).
Supply of consumables is under Sub-Contract scope.



Rajeshwar Mungish

OUR CONTRACT PAPER



Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTTAR, DHAKA 1230.
REGISTERED ADDRESS: 99 MOTILHEE, C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745530957
bestdwelleng@gmail.com, bestdwelleng.com

Proposal Ref.: BDE/SUP/2022/16

TECHNICAL-COMMERCIAL PROPOSAL

FOR
SUPPLY OF CABLE TRAY.
AT
NIPPON SIGNAL

Address: Dhaka, Bangladesh.

Attention:
Mr. Abu Kaosar.
Assistant Manager
Dhaka MRT Line 6 CP-07 Project Office, Block I, Sector 16,
Sonargaon Janapath, Diabari, Uttara, Dhaka-1230
Nippon Signal

13th March, 2022

Handwritten signature and initials.



Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTTAR, DHAKA 1230.
REGISTERED ADDRESS: 99 MOTILHEE, C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745530957
bestdwelleng@gmail.com, bestdwelleng.com

To,
Nippon Signal
Dhaka Branch Office, Bangladesh
Attn: Mr. Abu Kaosar
Assistant Manager
Nippon Signal Co. Ltd.

Date: 26/04/2022
Proposal Ref No: 01

Proposal for Supply of GPS Antenna Fixer

SL	Item	Qty	UoM	Unit Price(BDT)	Total Amount(BDT)
1	GPS Antenna Fixer	1	Pcs	12305	12,305.00
	Total amount including AIT				12,305.00
	VAT 7.5%				922.875
	Grand Total with AIT & VAT				13,227.88

In Word: Thirteen Thousand & Two Hundred & Twenty Seven Taka Eighty Eight paisa Only.

Thanking you,
For and on behalf of Best Dwell Engineering

(For)

Handwritten signature.

Md. Eqbal Hossain Faruk
CEO, Best Dwell Engineering



Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTTAR, DHAKA 1230.
REGISTERED ADDRESS: 99 MOTILHEE, C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745530957
bestdwelleng@gmail.com, bestdwelleng.com

❖ BASIS OF OFFER:

- Additional Charges will be applied to client for additional works proportionately, if client make any changes after the agreement.

❖ VALIDITY:

Our quotation is valid for 12 days for your acceptance from date of issue and charges remain firm till that time.

❖ PROPOSAL SUBMISSION:

We trust our offer meets your requirements. We shall be pleased to furnish any looking forward to hearing from you,

Yours Truly,

For Best Dwell Engineering

Handwritten signature.

Hasan 
Consultant, Business Development
+8801911326464 (WhatsApp)

Handwritten signature and initials.

OUR CONTRACT PAPER



Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTTAR, DHAKA 1230.
REGISTERED ADDRESS: 99 MOTILHEEL, C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745530957
bestdwelleng@gmail.com, bestdwelleng.com

WORKS DETAILS:

- Supply of cable tray as per approved design.
- Delivery time required at least 12 days after confirmation.
- MS Sheet, Galvanizing

SCOPE OF WORKS:

- Materials, making, transportation, loading, unloading work of Cable Tray with 3 set supports.

LIMITATION:

Our scope of work does not include the following:

- Our works does not include any other works.

FINANCIAL PROPOSAL:

We propose the following charges for this Project:

Cable Tray

Sl.	Description	Size(mm)	Length Per Each(M)	Total Length(M)	Rate Per Meter	Total Amount (BDT)
1	Perforated Cable Tray	300X80X2	2.5	2.5	3200.00	8,000.00
2	Perforated Cable Tray	200X80X2	2.5	25	2650.00	66,250.00
3	Cable tray Support	N/A	N/A	3	1200.00	3,600.00
Total						77,850.00

Note: We've quoted including AIT & excluding VAT. We can include additionally as per your scheduled rate.

MODE OF PAYMENT:

- All payments will be done by cash cheque/crossed cheque, in favour of "Best Dwell Engineering"
- Bill will be made as per NS Policy.

中山利宏
BDE



Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTTAR, DHAKA 1230.
REGISTERED ADDRESS: 99 MOTILHEEL, C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745530957
bestdwelleng@gmail.com, bestdwelleng.com

To,
Nippon Signal
Dhaka Branch Office, Bangladesh
Attn: Mr. Abu Kaosar
Assistant Manager
Nippon Signal Co. Ltd.

Date: 10/05/2022
Proposal Ref No: 09

Proposal for Supply of Cable Lugs

SL	CABLE DESCRIPTION	MAKE	TYPE	QTY	Rate	Amount
1	2C X 100 SQMM	ALUMINIUM	PIN OR U	10	153.00	1,530.00
2	2C X 60 SQMM	ALUMINIUM	PIN OR U	25	102.00	2,550.00
3	2C X 38 SQMM	ALUMINIUM	PIN OR U	15	68.00	1,020.00
4	4C X 25 SQMM	ALUMINIUM	FLAT PIN	80	51.00	4,080.00
5	3C X 2.5 SQMM	ALUMINIUM	FLAT PIN WITH END SLEEVE	116	15.00	1,740.00
Total Amount Including AIT						10,920.00
VAT 7.5%						819.00
Total Amount						11,739.00

In Word: Eleven Thousand & Seven Hundred & Thirty Nine Taka Only.

Thanking you,
For and on behalf of Best Dwell Engineering

(For)

Md. Eqbal Hossain Faruk
CEO, Best Dwell Engineering

中山利宏



Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTTAR, DHAKA 1230.
REGISTERED ADDRESS: 99 MOTILHEEL, C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745530957
bestdwelleng@gmail.com, bestdwelleng.com

To,
Nippon Signal
Dhaka Branch Office, Bangladesh
Attn: Mr. Abu Kaosar
Assistant Manager
Nippon Signal Co. Ltd.

Date: 12/5/2022
Proposal No: 04

Proposal for Cable Box

SL	Item	Qty	UoM	Unit Price(BDT)	Total Amount(BDT)
1	Make-up Cable Box	24000	Pcs	24000	24,000.00
Total amount including AIT					24,000.00
VAT 7.5%					1,800.00
Grand Total with AIT & VAT					25,800.00

In Word: Twenty Five Thousand & Eight Hundred Taka Only.

Thanking you,

For and on behalf of Best Dwell Engineering

(For)

Md. Eqbal Hossain Faruk
CEO, Best Dwell Engineering

Note

changes suggested during make-up shall be done by BDE (including GI) free of cost till acceptance.



OUR CONTRACT PAPER



Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTTAR, DHAKA 1230.
REGISTERED ADDRESS: 99 MOTILAL, C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745530957
bestdwelleng@gmail.com, bestdwelleng.com

To,
Nippon Signal
Dhaka Branch Office, Bangladesh
Attn: Mr. Abu Kaosar
Assistant Manager
Nippon Signal Co. Ltd.

Date: 12/5/2022
Proposal No: 02

Proposal for C-Clump

SL	Item	Thickness	Size	Qty	UoM	Unit Price(BDT)	Total Amount(BDT)
1	C-Clump	5.0 mm	150 mm	400	Pcs	420	168,000.00
2	C-Clump	5.0 mm	50 mm	30	Pcs	350	10,500.00
Total amount including AIT							178,500.00
VAT 7.5%							13,387.50
Grand Total with AIT & VAT							191,887.50

In Word: One Lac Ninty One Thousand Eight Hundred Eighty Seven Taka Fifty Paise Only.

Thanking you,
For and on behalf of Best Dwell Engineering

(For)

Md. Eqbal Hossain Faruk
CEO, Best Dwell Engineering



Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTTAR, DHAKA 1230.
REGISTERED ADDRESS: 99 MOTILAL, C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745530957
bestdwelleng@gmail.com, bestdwelleng.com

To,
Nippon Signal
Dhaka Branch Office, Bangladesh
Attn: Mr. Abu Kaosar
Assistant Manager
Nippon Signal Co. Ltd.

Date: 17/05/2022
Proposal No: 02

Proposal for Supply of GI Pipe

	Item	Thickness	Length	Qty	UoM	Unit Price(BDT)	Total Amount(BDT)
✓1	GI Pipe	4.0 mm	6m	✓5	Pcs	4900	24,500.00
✓2	GI Coupler			✓8	Pcs	95	760.00
Total amount including AIT							25,260.00
VAT 7.5%							1,894.500
Grand Total with AIT & VAT							27,154.50

In Word: Twenty Seven Thousand One Hundred Fifty Four Taka & Fifty Paise Only.

Thanking you,

For and on behalf of Best Dwell Engineering

(For)

Md. Eqbal Hossain Faruk
CEO, Best Dwell Engineering



* Colour coat to be repeated again at 50g.
* Support for coupler is required.



Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTTAR, DHAKA 1230.
REGISTERED ADDRESS: 99 MOTILAL, C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745530957
bestdwelleng@gmail.com, bestdwelleng.com

To,
Nippon Signal
Dhaka Branch Office, Bangladesh
Attn: Mr. Abu Kaosar
Assistant Manager
Nippon Signal Co. Ltd.

Date: 10/05/2022
Proposal Ref No: 02

Proposal for Supply of Key & Claim Box

	Item	Qty	UoM	Unit Price(BDT)	Total Amount(BDT)
✓ 1	Key Box	1 ✓	Pcs	5000	5,000.00
✓ 2	Claim Box	1 ✓	Pcs	2500	2,500.00
	Total amount including AIT				7,500.00
	VAT 7.5%				562.500
	Grand Total with AIT & VAT				8,062.50

In Word: Eight Thousand Sixty Two Taka & Fifty Paise Only.

Thanking you,

For and on behalf of Best Dwell Engineering

(For)

Md. Eqbal Hossain Faruk
CEO, Best Dwell Engineering



Received on 05/05/2022

OUR CONTRACT PAPER



Best Dwell Engineering

OFFICE: HOUSE B, ROAD 31, SECTOR 7, UTTAR, DHAKA 1230.
REGISTERED ADDRESS: 99 AGTUPHILL, C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745510957
bestdwelleng@gmail.com, bestdwelleng.com

To,
Nippon Signal
Dhaka Branch Office, Bangladesh
Attn: Mr. Abu Kaosar
Assistant Manager
Nippon Signal Co. Ltd.

Date: 10/05/2022
Proposal Ref No: 02

Proposal for Supply of WRS Divider Fixer

Item	Thickness	Size	Qty	UoM	Unit Price(BDT)	Total Amount(BDT)
1 WRS Divider Fixer	3.0 mm	210X160mm	5	Pcs	1000	5,000.00
Total amount including AIT						5,000.00
VAT 7.5%						375.000
Grand Total with AIT & VAT						5,375.00

In Word: Five Thousand Three Hundred Seventy Five Taka Only.

Thanking you,

For and on behalf of Best Dwell Engineering

(For)

Md. Eqbal Hossain Faruk
CEO, Best Dwell Engineering

Received on 18/05/2022



Best Dwell Engineering

OFFICE: HOUSE B, ROAD 31, SECTOR 7, UTTAR, DHAKA 1230.
REGISTERED ADDRESS: 99 AGTUPHILL, C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745510957
bestdwelleng@gmail.com, bestdwelleng.com

To,
Nippon Signal
Dhaka Branch Office, Bangladesh
Attn: Mr. Abu Kaosar
Assistant Manager
Nippon Signal Co. Ltd.

Date: 17/05/2022
Proposal Ref No: 10

Proposal for Supply of WRS Divider Fixer

Item	Thickness	Size	Qty	UoM	Unit Price(BDT)	Total Amount(BDT)
1 WRS Divider Fixer	3.0 mm	310X210mm	7	Pcs	4530	4,530.00
Total amount including AIT						4,530.00
VAT 7.5%						339.750
Grand Total with AIT & VAT						4,869.75

In Word: Four Thousand Eight Hundred Sixty Nine Taka & Seventy Five palsa Only.

Thanking you,

For and on behalf of Best Dwell Engineering

(For)

Md. Eqbal Hossain Faruk
CEO, Best Dwell Engineering

Received on 20/05/2022



OUR CONTRACT PAPER



Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTTARA, DHAKA 1230.
REGISTERED ADDRESS: 99 ROTUNDELL C/A, DHAKA, BANGLADESH.
Tel: 01911326464, 01745530957
bestdwelleng@gmail.com, bestdwelleng.com

To,
Nippon Signal Company Ltd.
Dhaka Branch Office, Savar, Dhaka-1340

Date: 05.01.2022

From,
Best Dwell Engineering
House-08, Road-31, Sector-07, Uttara, Dhaka-1230.
email: bestdwelleng@gmail.com

FINANCIAL PROPOSAL:

We propose the following charges for this Project:

Base Frame						
Sl	Item	Size	No. Of Base Frame	UOM	Rate Per Nos (BDT)	Total Amount Including AIT (BDT)
1	Metal Base Frame	830(L)X250(W)X50(H) mm	3	Nos	32000	96000
2					Total	96000

In word: Ninety six thousand hundred only.

Delivery Time: Ten days required from the date of PO date.

Yours Truly,
For Best Dwell Engineering

Tareq Hasan Khan
Manager, Business Development

Contract paper for Installation Sub Contract Package for Dhaka Metro Project. SAP Registration No. 9000735394.

This Agreement is executed on the day of 8th July, 2021, between:

Nippon Signal Co. Ltd. (hereinafter referred to as "the First Party"), formally established on business organized and existing under the Laws of Japan, with its registered office located at 1-5-1 Marunouchi, Chiyoda-ku, Tokyo 100-6513, and its Dhaka office in Bangladesh with Registered address: C/O Sharif Associate, 24-25 Dilkusha C/A (9th floor), Dhaka Bangladesh represented by WAKUTSU Takuya.

BEST DWELL ENGINEERING (hereinafter called "the Second Party"), formally established on business organized and existing under the Laws of Bangladesh, with its registered office located at House 8, Road 31, Sector 7, Uttara, Dhaka 1230, Bangladesh.

On the date of November 16, 2018, the First Party and Larsen & Toubro Limited Railway Business Group (L&T), incorporated under the laws of India and with its business headquarters located at Vatika Mindscape Building, Tower-A, 8th Floor, 12/3 Delhi Mathura Road, Near Sarai Khawaja Metro Station, Faridabad-121003, Haryana, India for "Design, Manufacture, Supply, Installation, Testing and Commissioning of Signalling and Train Control Systems for Dhaka Metro Line 6" from Dhaka Mass Transit Company Limited (DMTCL). The First Party, as set herein Article 1 of this Agreement, desires the Second Party to be responsible for part of the work in the Master Agreement (hereinafter called "Job").

Now, it is hereby agreed as follows.

Article 1 Constituting documents

- The documents below constitute this 'Agreement Document', and the related documents are interpreted to be mutually explanatory of one another; unless any of the documents which are signed after the date of this Agreement are explicitly contrary, or if there is any conflict between terms, they shall be read and applied in accordance with the following order of precedence:
 - Master Agreement (This Agreement)
 - BOQ /SOW (Annexure 1)
 - Cable Trench Route Depot except test track (Annexure 2)
- When applying the preceding Section 1.1, the provisions of Master Agreement shall then be applicable to both the First Party and the Second Party respectively. In applying the provisions of the Master Agreement, the position of the First Party in said Master Agreement shall be deemed to be replaced by the Second Party. And, similarly, even for changes that had occurred (that will occur) after signing of this Agreement and additional items, all terms in the outcome of the discussion between the First Party and the Benefactor shall be applicable to the Second Party, Subject to prior consultation with the Second Party.
- In addition, any inconsistency, error or omission in the above documents, and which cannot be resolved

- 1 -



W.M



W.M

by applying Clause 1.1 mentioned above shall be resolved pursuant to Article 25.

Article 2 Scope of work

- The Second party's scope of work shall be in accordance with Annex 1. In order to execute the Job, the Second Party shall arrange all necessary facilities near to site of work to communicate with the First Party until the completion of said Job, including establishment of a registered office in Dhaka, Bangladesh at its own cost and obtain the necessary tax numbers and registrations.

Article 3 Contract price

- Pursuant to this Agreement, the Second Party is considered to be in charge of the Job, and the First Party shall pay a total amount of BDT 10,312,680 (Ten Million Three Hundred Twelve Thousand Six hundred Eighty Bangladesh Taka Only) excluding VAT and Including Income tax (hereinafter, called "the Contract Price") to the Second Party. This Contract shall be awarded on a fixed price lump sum basis as defined in this Clause. The Contract Price shall be fixed throughout the performance of the contract and not subject to variation on any account except as explicitly provided in this Agreement, and where applicable the Master Agreement. The variation claim towards delayed site access shall be forwarded back to back to second party from first party in case of variation proposal accepted by DMTCL.
- Ready-mix concrete shall be provided by Nippon Signal to BDE.
- Any change required by client at the time of execution to facilitate the work without changing the basic layout, will be informed to the first party and second party will provide new proposal for client's approval without any charge.
- Any change required by the client or third party at the time of execution will be done upon agreement between second party and first party. Cost and responsibility enhancement for the changes shall be borne by the first party after client approval.
- Regarding Non-scheduled items work, Second party bill will submit bill to first party as per present market rate with prior approval.

Article 4 Effective date

- This Agreement shall be effective from the date of signing (hereinafter called Effective Date), and shall remain to be valid until the completion of all Jobs pursuant to the terms set forth in this Agreement, unless terminated earlier in accordance with the terms of this Agreement. However, Articles 14, 15, 19, 21, 23, 24, 25 and 28 of this Agreement shall continue to be valid after the termination of this Agreement and completion of all Jobs. Compliance with the Articles 15, 21 and 28 shall be valid for a period of 3 (three) calendar year following completion of each applicable Job(s) or from Termination of this Agreement as specified in Article 16.
- Duration of work shall be at least 150 days. Contact validity will be 1 year. Till 1 year contractor won't ask extra cost from effective date

- 2 -

OUR CONTRACT PAPER

Article 5 Performance Bank Guarantee NOT USED

Article 6 Payment conditions

6.1 Payment to the Second Party shall be made by bank transfer in the denomination of Bangladesh Taka, pursuant to Milestone described in below. The transfer fee shall be borne by the First Party.

MS	Milestone	Percentage of value	Payment amount (BDT)	Payment amount including VAT (BDT)
D1	After completion of 50% of small trench work	15%	1,546,902	1,662,920
D2	After completion of 100% of small trench work	15%	1,546,902	1,662,920
D3	After completion of 50% of big trench work	15%	1,546,902	1,662,920
D4	After completion of 100% of big trench work	15%	1,546,902	1,662,920
D5	After completion of 100% top cover casting work	10%	1,031,268	1,108,613
D6	After completion of 100% top cover work	5%	515,634	554,307
D7	After completion of test track pulpit works	5%	515,634	554,307
D8	After construction of other depot area pulpit works	10%	1,031,268	1,108,613
D9	Retention (to be paid 2years of handover)	10%	1,031,268	1,108,611
	Total		10,312,680	11,086,131

6.2 The First Party shall issue the milestone completion certificate to the Second Party pursuant to achievement of the milestone completion. The Second Party shall issue the invoice pursuant to the milestone completion certificate.

6.3 For raising invoice against work complete; second party shall submit the following document to first party.

- Inspection evidence of Installation manager, PM/ DPM of Nippon Signal
- Inspection evidence of NKDM site engineer (Client Inspection).
- Submission of invoice by the vendor



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6.4 The First Party shall make payment to the Second Party within 30 days from the date of receiving the invoice.

6.5 The income tax shall be deducted at source from the Contract Price to be paid to the Second Party pursuant to the statutory requirements.

Article 7 Liquidated damage for delay

7.1 If the Second Party is unable to complete task by mentioned time, for any reasons attributable to the Second Party, it shall be deemed to be delay.

7.2 In case of delay on the part of the Second Party, the Second Party shall be liable to pay liquidated damages and any other compensation for the damages suffered by First Party as per Clause 7.3. This is without prejudice to the right of First Party to rescind this Agreement.

7.3 Liquidated damage shall be recovered as provided in this Agreement. Such liquidated damage shall be computed by 0.1% of Contract Price per one day delay with an upper limit of 100% of the Contract Price. The First Party may, without prejudice to any other method of recovery, deduct the amount of such damages from any sum due, or to become due, to the Second Party. Deduction of such damages as defined within this Article shall not relieve the Second Party from its obligations to complete Job or from any other duties, obligations or responsibilities under this Agreement.

Article 8 Limitation of liability

8.1 Should the Second Party commit any of the material breaches or failings but is not limited to below, the First Party shall be entitled to pursue for its recovery of any loss incurred. As such, any limit on liability in this Agreement shall not apply to:

- under any other provisions of this Agreement which expressly impose a greater liability;
- in cases of fraud, willful misconduct or illegal or unlawful acts;
- in cases of acts or omissions of the Second Party which are contrary to the most elementary rules of diligence which a conscientious entities or persons in similar situation as Second Party would have followed in similar circumstances;
- sickness, or disease, or death of, or injury to any person;
- loss of, or damage to, or destruction of any property (other than Job) including consequential loss of use;
- loss, damage or costs arising from the carriage of Materials and/or ownership or chartering of marine vessels by Second Party, or any sub-contractor of any tier.

8.2 Any delay or change arises from force majeure situation (floods, war, natural calamity, fire.) will not be the responsibility of second party.

Article 9 Defects liability

9.1 The Second Party shall guarantee that the requirement for functional specification specified in the relevant Job shall be fulfilled, if the deliverables of Job is put into operation under the conditions

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compliant with the purpose of its design. The above-mentioned warranty includes, but is not limited to the implied warranty of merchantability or fitness for a specific purpose. The Second Party shall not become liable for any failings within its warranted design should it be found that such failing was due to gross negligence or malicious intent of the First Party.

9.2 In case that the Second Party has not fulfilled the conditions of Clause 9.1 on the quality of the performance, the First Party may issue a written notice to the Second Party, and the Second Party shall resolve the problem within 10 days from receipt of such notice. The Second Party shall bear the cost required to rectify the problem.

9.3 The Defect liability period of the Job shall start from the date in which the Second Party achieves its installation milestone and shall continue for 24 (Twenty-four) months from the commencement date of defect liability period (the "Defect Liability Period") but the Second Party shall indemnify losses or damages incurred if the serious defaults related to the Job are found after Defect Liability Period. During the Defect Liability Period, the Second Party shall provide, at its own cost, competent and skilled personnel and maintain adequate stock of spares so as to promptly fulfil its warranty obligations pursuant to this Agreement.

9.4 The Second Party shall ensure the supply of all the supply work components for a period of 10 years from the expiry of the Defect Liability Period. Should additional works be required after expiry of the Defects period it might be considered a repair and therefore subject to requirement of the First Party to issue a new Job to the Second Party including payment for Works undertaken.

Article 10 Performance certificate

10.1 The Second Party shall not be considered to have completed the Job until a performance certificate has been signed by the First Party and delivered to the Second Party at the end of the Defect Liability Period. This shall state the date on which the Second Party completed its obligations related to completion of the Job and rectification of defects during the Defect Liability Period to the First Party's satisfaction. Only the performance certificate shall be deemed to constitute approval of the Job. The First Party shall not reasonably refuse issue of such certificate.

Article 11 Expenses

11.1 Second Party shall bear the expenses of salaries, cost of material, cleaning expenses, communication expenses, freight expenses, office expenses, travel expenses, visa/ administrative cost in Bangladesh etc. pursuant to this Agreement, for accomplishing Job, and bear all expenses necessary for performing the obligations of the Second Party under this Agreement, as defined within Article 2.

11.2 In case the additional agreement has been confirmed by Benefactor pursuant to variations based on Master Agreement, the First Party might consider an additional agreement with the Second Party.

Article 12 Site management

12.1 The Second Party shall take the responsibility of inventory management at its own cost. When loading/unloading & transportation of the goods from First Party's any warehouses to any section to

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execute the Job.

- 12.2 Second Party shall provide the safety, health and environment (SHE) supervisor to execute Job at its own cost and shall take all reasonable precautions to safeguard the safety and health of all persons and the security of Job. In order to meet the requirement of Master Agreement, Second Party shall work under the guidance & instructions of First Party SHE Manager. Second Party shall take the responsibility for provision of security guards and cleaners in a manner that is appropriate and effective as per the requirements contained within Article

Article 13 Insurance

- 13.1 The Second Party shall at its expense take out and maintain in effect, or cause to be taken out and maintained in effect the insurance below listed which is satisfactory to the First Party, during the performance of this Agreement. The identity of the insurers and the form of the policies shall be subject to the approval of First Party, who should not unreasonably withhold such approval.
- (i) Transit Insurance During Transport
Covering loss or damage occurring to equipment while in transit from First Party's warehouse and/or Second Party's warehouse until arrival at the site.
- (ii) Automobile Liability Insurance
Covering use of all vehicles used by the Second Party or its Sub-Contractors (whether or not owned by them) in connection with the execution of this Agreement. Automobile liability shall be met with the requirement of Bangladesh Motor Vehicle Act.
- (iii) Workers' Compensation and Medical Insurance
The Second Party shall at its expense effect and maintain insurance against losses and claims arising from the death or injury to any person employed by Second Party or any Sub-Contractors (wherever applicable) in such a manner that the First Party is indemnified under the policy of insurance (where such insurable risk shall exist). The insurance shall be maintained in full force and effect during the whole time that these personnel are assisting, conducting or executing the Job(s). Each worker shall be insured for not less than 300,000 Bangladesh Taka but necessary amount shall be insured.
- 13.2 The Second Party shall deliver to the First Party certificates of insurance (or copies of the insurance policies) as evidence that the required policies are in full force and effect. The certificates shall provide that no less than 21 days' notice shall be given to the First Party by insurers prior to cancellation or material modification of a policy.
- 13.3 The Second Party shall ensure that, where applicable, its Sub-Contractors shall take out and maintain in effect adequate insurance policies for their personnel and vehicles and for work executed by them under this Agreement, unless such Sub-Contractors are covered by the policies taken out by the Second Party.
- 13.4 If the Second Party fails to take out and/or maintain in effect the insurances referred to Clause 13.1, the First Party may take out and maintain in effect any such insurances and may deduct from any amount due to the Second Party under this Agreement, from time to time, any premium that the First Party shall have paid to the insurer, or may otherwise recover such amount as a debt due from Second Party. If the

Second Party fails to, or is unable to take out and maintain in effect any such insurance, the Second Party shall have full responsibility against the First Party for any and all liabilities of the First Party herein.

- 13.5 Unless otherwise provided in this Agreement, the Second Party shall prepare and conduct all and any claims made under the policies pursuant to Clause 13, and all money payable by any insurers shall be paid to the Second Party. With respect to insurance claims in which the First Party's interest are involved, the Second Party shall not give any release or make any compromise with the insurer without the prior written consent of First Party. Such agreement shall not reasonably be withheld.

Article 14 Intellectual Property Rights

- 14.1 Intellectual property rights developed by the Second Party in the course of executing Job shall belong to the First Party. This shall not include pre-existing systems and process' developed by the Second Party of which may be of beneficial use on the Job.
- 14.2 The Second Party shall bear full responsibility pertaining to the third-party intellectual property rights and other rights, which are used by the Second Party for the Job.
- 14.3 The copyright of documents produced in the performance of the Second Party shall belong to First Party should this be for the purpose only of the Job and not existing or in progress copyright developed by the Second Party for its own process. The Second Party shall ensure that the First Party and Benefactor shall be entitled to use the copyright of documents previously held by the Second Party, and the copyright of documents licensed by the third party free of charge. Such documents may only be used for purpose of the Job and not on an on-going basis.
- 14.4 As a result of suspected infringement or actual infringement of the intellectual property rights belonging to the third party, which was caused by the Second Party, the Second Party shall bear all responsibility and compensate and indemnify the First Party and Benefactor from and against any loss, damage, costs, expenditure incurred by the First Party and Benefactor in connection with the claim alleged by the third party.
- 14.5 In case there has been an infringement of intellectual property rights for the performance or part of the performance by the Second Party and the usage has been restricted due to court order, the Second Party shall, in accordance with the sole discretion of the First Party, at its expense, purchase the rights for the First Party and Benefactor, to continue using the affected part, or shall replace the affected part with the non-infringing one so that there is no infringement of rights, or add changes in the affected part so that there is no infringement of rights.

Article 15 Responsibility for executing Job

- 15.1 Second Party shall, defend, compensate, and indemnify the First Party and/or Benefactor, against all costs, expenditure, loss, damage, and legal liability, arising from a claim or warning of a claim or related to a claim by a third party, on the basis of death, injury or damage to property, caused directly or indirectly, or suspected to be caused by executing Job. Such liability shall not extend to the Second Party if it is found this to be due to gross negligence or malicious intent of the First Party and/or Benefactor.

Article 16 Termination of Agreement

- 16.1 In case Master Agreement is terminated partially or in full at the convenience of Benefactor, the First Party may terminate this Agreement partially or in full. In that case the Second Party may claim to the First Party, the consideration for the volume of work executed until then, and for the equipment for Job actually loaded therein on the date of termination of this Agreement, and the cost of damages incurred due to early termination of this Agreement, and the First Party shall immediately pay the consideration and cost of damages to the Second Party. However, this Clause is not applied when Master Agreement is terminated due to breach of contract by or gross negligence or malicious intent of the Second Party.
- 16.2 In case of default of this Agreement by each of the parties, the other party at its own discretion may instruct the defaulting party through written notification, to fulfill the obligation within a reasonable period of time. If the default is not rectified within the said period, the party giving such notification may request the defaulting party to compensate for damages, and reimburse the costs incurred due to the default, without prejudice to the right of termination and other right under this Agreement or given at law.
- 16.3 If the First Party determines after consultation with the Second Party that the fulfillment of this Agreement by the Second Party has been improper, the First Party may terminate this Agreement. The First Party's decision to terminate this Agreement shall not prejudice any other rights of the First Party under this Agreement. The Second Party shall not make any claim against the First Party's decision except for its costs incurred to the date of said termination in accordance with Clause 16.1.

Article 17 Subcontract

- 17.1 The Second Party shall not sub-contract any part of the Job without prior written consent of the First Party. Such written consent shall not be unreasonably refused.
- 17.2 In case the Second Party wishes to sub-contract a part of Job to a Sub-Contractor, The Second Party shall notify it to the First Party, submit the documentation requested by the First Party and obtain written consent from the First Party in advance.
- 17.3 Pursuant to the provisions in the preceding paragraph, even if Job is Sub-Contracted by the Second Party to a Sub-Contractor with the consent of the First Party, the Second Party is not discharged from its obligations to the First Party under this Agreement.
- 17.4 The Second Party shall be responsible for observance by all Sub-Contractors of all the provisions of this Agreement. The Second Party shall be responsible for the acts or defaults of any Sub-Contractor, his representatives, officers or employees, as fully as if they were the acts or defaults of the Second Party, his representatives, officers or employees.
- 17.5 The Second Party shall ensure that their Sub-Contractors, material/equipment suppliers, consultants and other agencies deployed by them in connection with execution of this Agreement do not make any claim or raise any dispute before the First Party directly. Any such claims shall be submitted to the Second Party for review. Should the Second Party feel the loss incurred and claimed be relevant it shall submit a claim to the First Party for review.

Article 18 Reasonable request acceptance

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18.1 Upon the request of the First Party, Second Party shall submit materials and other information supporting the applications to be provided to Benefactor to First Party.

Article 19 Prohibition from manufacture and sale of same / similar products

19.1 If the Second Party does not obtain the written consent from First Party in advance, Second Party shall not engage in the manufacture and sale of similar products for a third party, using the specification, drawing and any similar documents of First Party.

Article 20 Progress report

- 20.1 The Second Party shall follow the schedule of works program which is provided by the First Party in order to meet the requirement of the Benefactor.
- 20.2 For the status of progress, the Second Party shall report in writing, the actual progress of the Job and the schedule, at the interval or date and time separately instructed by the First Party.
- 20.3 In case the Second Party is unable to complete the Job within the key date mentioned in Annex 2, the reason and the completion schedule shall be submitted in writing to the First Party before the key date.
- 20.4 Unless otherwise specified, the Second Party shall provide (but not limited to) the documents, reports and evidences to the First Party within 7 calendar days if the First Party requires them. This clause is applicable to all Articles in this Agreement.

Article 21 Prohibition of direct negotiation

- 21.1 Except otherwise indicated separately by the First Party in writing, the Second Party shall not engage in direct negotiations with the Benefactor or a concerned party of the First Party, with respect to the Job.
- 21.2 The Second Party shall not make any request / bill / claim against the Benefactor or cause any conflict.

Article 22 Repair

- 22.1 If repair or maintenance is required for Job that was executed by the Second Party after the Defect Liability Period, upon the request of the First Party, the Second Party shall collaborate with the First Party to execute Job within a reasonable time frame, and at reasonable cost. The First Party shall issue a new Job Agreement with such costs and time to complete the Works prior to the Second Parties mobilization.

Article 23 Language

- 23.1 All transactions between the First Party and the Second Party shall be in English.

Article 24 Governing law

- 24.1 This Agreement shall be governed by the Laws of Singapore.

Article 25 Arbitration

- 25.1 Any dispute, controversy, conflict or difference of opinion between parties of this Agreement, or between the concerned parties, breach of contract that cannot be amicably resolved between the parties within 30

days from the issuance of a written dispute notified by one of the parties, shall be finally resolved by arbitration in Singapore, in accordance with the current rules of Arbitration of the International Chamber of Commerce (ICC).

25.2 The arbitration shall be conducted in English language.

25.3 The award is final, and shall be binding on the parties involved in the arbitration proceedings.

Article 26 Legal compliance

- 26.1 The Second Party shall observe and comply with all applicable laws in executing Job.
- 26.2 The Second Party shall comply with the laws, regulations and all other matters concerned with welfare programs in Bangladesh, defined in the Master Agreement. On the other hand, in case the First Party is forced to pay a penalty or other sum to the Benefactor as a result of compliance deviations by the Second Party, the Second Party shall compensate for the damages incurred by First Party.
- 26.3 The Second Party, in response to the request of the First Party, shall appropriately submit the necessary documents certifying compliance with laws and regulations.

Article 27 Publicity

- 27.1 The Second Party shall not publish or otherwise circulate alone or in conjunction with any other persons, any articles, photographs or other materials relating to Job except with the permission, in writing, of the First Party. The Second Party shall ensure that its sub-contractors of any tier shall be bound by a like obligation and shall, if so required by the First Party, enforce the same at its own expense. The provisions of this Sub-Clause shall not exempt the First Party from complying with any statutory provision in regard to the taking and publication of photographs.

Article 28 Complete contract

- 28.1 This Agreement constitutes an entire agreement between the parties, and unless otherwise explicitly specified, this Agreement shall have precedence over all official or unofficial negotiations, agreements, matters of affirmation in verbal or signed in writing on this matter except confidential agreement between the First Party and the Second Party.

Article 29 Suspension of service

- 29.1 The Second Party has no right to suspend the Services without the written approval of the First Party.
- 29.2 The First Party may by written notice ("Suspension Order") issued to the Second Party suspend the Services under this Agreement at any time at its sole discretion without cause.
- 29.3 Upon the issue of a Suspension Order the Second Party shall forthwith cease performance of Services, comply with the terms of the Suspension Order and vacate the Site.
- 29.4 The Second Party will promptly recommence provision of Services on receipt of a notice to do the same from the First Party following any completion of any Suspension Order.
- 29.5 Any costs of a suspension will be borne by the Second Party.
- 29.6 Following a Suspension Order, the First Party will determine, acting reasonably, whether an extension of the key date is required. Unless otherwise directed by the First Party a Suspension Order will not affect the

key date.

Article 30 Non solicitation

- 30.1 During the term of this Agreement, and for a period of twelve months thereafter, either party shall not (without the prior written consent) solicit, recruit, call upon, communicate, solicit, or induce, or attempt or endeavor to recruit, solicit, or induce or entice or offer on your own behalf or on behalf of or in conjunction with any person or legal entity (i.e. either directly or indirectly) to employ, sub-contract, collaborate, form alliance or any other form of arrangement with any officer, employee or the Second Party of the party.

Article 31 Meetings

- 31.1 Meetings shall take place at a venue mutually decided by the parties with participation by the authorized representatives of both parties. The meetings shall be properly recorded and signed by the representatives attending the same. All decisions shall be taken unanimously.

Article 32 Amendments

- 32.1 Any amendments to this agreement shall be in writing and signed by the authorized representatives of the parties.

Article 33 Assignment

- 33.1 Neither Party shall be entitled to assign any of its rights nor do obligations as contained in this agreement, except with the prior written consent of the other Party.

Article 34 Specific Conditions

- 34.1 All approved drawings shall be shared by first party. The second party shall work as per the approved drawings. Any change or deviation in the drawing shall be notified to the second party by the first party.
- 34.2 Ready Mix concrete shall be arranged by First Party (herein NS). The Second party is not allowed to use any other Ready-Mix concrete without First Party approval.
- 34.3 All concrete trench shall be closed on both sides using a shutter provided with a hole of 170 dia or as specified by First Party (NS)
- 34.4 All payments shall be made only after the "Request for Inspection" (hereinafter referred as "RFI") is closed by First Party and Client's Engineer (hereinafter referred as "NKDM"). The Second Party shall complete the work in all aspects before the RFI. However, if any comments raised by First Party or Client's Engineer (NKDM) has to be addressed by Second Party within 7 days or timeline specified by the First Party/Client's Engineer during RFI.
- 34.5 Minimum 3 No's of Cylinder Sample (7 days(1No's) & 28 days(2No's)) shall be taken during cable trench and Trench Top Covers concreting for Compressive Strength Test. Test shall be done in batching plant of concrete provider either CP-02 / CP-03. 7 days and 28 days Compressive Strength Test report to be submitted to First Party within 30 days from Concreting.
- 34.6 Complete casting & installation schedule shall be submitted to First Party for mutual agreement.



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Eshwar Rao

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Eshwar Rao

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Annexure 1

Signalling Cable trench BOQ for Dhaka Metro line - 6				
S.No.	Type	Size (mm)	Uom	Quantities
1	Signalling Cable Trench - Small (with PCC)	650*430*315mm	Mtr	1088
2	Signalling Cable Trench - Big (with PCC)	780*475*365mm	Mtr	600
3	Pulpit for Depot - Big	1200*1000*1000mm	No's	13
4	Pulpit for Depot - Small	1000*1000*800mm	No's	51
5	Casting of concrete blocks for DWC pipes at track crossings	300*300*100	No's	100
6	Pulpit for Test track	800 x 800mm	No's	12

- 34.7 A detailed installation method statement along with inspection checklist shall be submitted to First Party by the Second Party for client approval. Any comments received from Client's Engineer on method statement document has to be addressed by the Second Party within 7 days.
- 34.8 All loading & unloading of material (cable trench & pulpit top cover) from casting yard/sub-con warehouse to Depot (site area) shall be in the scope of Second Party only including Lifting machine/Crane, Fork-Lift, transportation & manpower.
- 34.9 A complete Project File Along with all Design & Diagram will be submitted at the time of Hand-Over of the project by Second party.
- 34.10 After completion of work the second party shall submit all As - built drawings to the first party before handover of the work.

Article 35 Notices

35.1 All notices and communications shall be sent to the following addresses of the parties.

First Party: Nippon Signal Co., Ltd.

Billing Address

1-5-1, Marunouchi, Chiyoda-Ku, Tokyo 100-6513, Japan
Shin-Marunouchi Building 13th floor.

Delivery Address

WAKUTSU Takuya

NIPPON SIGNAL CO., LTD., DHAKA OFFICE CP-7 Project Office

Block I, Sector 16, Road: Sonargoan Janapath, Diabari, Uttara, Dhaka-1230, Bangladesh.

Second Party:

Eqbal Hossain Faruk

House no - 08, Road no - 31,
Sector No-07,
Uttara, Dhaka - 1230

All notices shall be deemed to have been validly given on (i) the business date immediately after the date of transmission with confirmed answer back, if transmitted by facsimile/electronic transmission, or (ii) the business date of receipt, if transmitted by courier or registered post.

Any Party may, from time to time, change its address or representative for receipt of notices provided for in this Agreement by giving to the other Party not less than 10 (ten) days prior written notice.

IN WITNESS WHEREOF, the parties hereto shall agree to this Agreement as of the day and year first above written.

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Eqbal Hossain Faruk

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Eqbal Hossain Faruk

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Eshwar Rask

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Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 31, SECTOR 7, UTTARA, DHAKA 1230.
REGISTERED ADDRESS: 99 HETULBEE, C/A, DHAKA, BANGLADESH.
Tel: 01911336464, 01745530957
bestdwell@gmail.com, bestdwelleng.com

To,
Nippon Signal
Dhaka Branch Office, Bangladesh
Attn: Mr. Abu Kaosar
Assistant Manager
Nippon Signal Co. Ltd.

Date: 12/5/2022
Invoice No: 04

Invoice for C-Clump

SL	Item	Thickness	Size	Qty	UoM	Unit Price(BDT)	Total Amount(BDT)
1	C-Clump	5.0 mm	150 mm	400	Pcs	420	168,000.00
2	C-Clump	5.0 mm	50 mm	30	Pcs	350	10,500.00
Total amount including AIT							178,500.00
VAT 7.5%							13,387.500
Grand Total with AIT & VAT							191,887.50

In Word: One Lac Ninety One Thousand Eight Hundred Eighty Seven Taka Fifty Paise Only.

Thanking you,
For and on behalf of Best Dwell Engineering

(For)

Md. Ebal Hossain Faruk
CEO, Best Dwell Engineering



Contract paper for Installation Sub Contract Package for Dhaka Metro Project. SAP Registration No. 9000721107.

This Agreement is executed on the day of February 18, 2021, between:

Nippon Signal Co. Ltd. (hereinafter referred to as "the First Party"), formally established on business organized and existing under the Laws of Japan, with its registered office located at 1-5-1 Marunouchi, Chiyoda-ku, Tokyo 100-6513, and its Dhaka office in Bangladesh with Registered address: C/O Sharif Associate, 24-25 Dilkusha C/A (9th floor), Dhaka Bangladesh represented by WAKUTSU Takuya.

BEST DWELL ENGINEERING (hereinafter called "the Second Party"), formally established on business organized and existing under the Laws of Bangladesh, with its registered office located at plot 105, S.R Tower, Sector 7, Uttara, Dhaka 1230.

On the date of November 16, 2018, the First Party and Larsen & Toubro Limited Railway Business Group (L&T), incorporated under the laws of India and with its business headquarters located at Vatika Mindscape Building, Tower -A, 8th Floor, 12/3 Delhi Mathura Road, Near Sarai Khawaja Metro Station, Faridabad-121003, Haryana, India for "Design, Manufacture, Supply, Installation, Testing and Commissioning of Signalling and Train Control Systems for Dhaka Metro Line 6" from Dhaka Mass Transit Company Limited (DMTCL). The First Party, as set herein Article 1 of this Agreement, desires the Second Party to be responsible for part of the work in the Master Agreement (Title :Master Agreement) (hereinafter called "Job").

Now, it is hereby agreed as follows.

Article 1 Constituting documents

- The documents below constitute this 'Agreement Document', and the related documents are interpreted to be mutually explanatory of one another; unless any of the documents which are signed after the date of this Agreement are explicitly contrary, or if there is any conflict between terms, they shall be read and applied in accordance with the following order of precedence:
 - Master Agreement (This Agreement)
 - BOQ /SOW(Annex 1)
- When applying the preceding Section 1.1 the provisions of Master Agreement shall then be applicable to both the First Party and the Second Party respectively. In applying the provisions of the Master Agreement, the position of the First Party in said Master Agreement shall be deemed to be replaced by the Second Party. And, similarly, even for changes that had occurred (that will occur) after signing of this Agreement and additional items, all terms in the outcome of the discussion between the First Party and the client shall be applicable to the Second Party. Subject to prior consultation with the Second Party.
- In addition, any inconsistency, error or omission in the above documents, and which cannot be resolved by applying Clause 1.1 mentioned above shall be resolved pursuant to Article 25.



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Article 2 Scope of work

- The Second party's scope of work shall be in accordance with Annex 1. In order to execute the Job, the Second Party shall arrange all necessary facilities near to site of work to communicate with the First Party until the completion of said Job, including establishment of a registered office in Dhaka, Bangladesh at its own cost and obtain the necessary tax numbers and registrations.

Article 3 Contract price

- Pursuant to this Agreement, the Second Party is considered to be in charge of the Job, and the First Party shall pay a total amount of BDT 12,687,320 (Twelve Million Six Hundred Eighty seven Thousand Three hundred Twenty Bangladesh Taka Only) excluding VAT and Including Income tax (hereinafter, called "the Contract Price") to the Second Party. This Contract shall be awarded on a fixed price lump sum basis as defined in this Clause. The Contract Price shall be fixed throughout the performance of the contract and not subject to variation on any account except as explicitly provided in this Agreement, and where applicable the Master Agreement. The variation claim towards delayed site access shall be forwarded back to back to the Second Party from the First Party in case of variation proposal accepted by DMTCL.
- Ready-mix concrete supply charges by other civil contractor (herein managed by L&T) shall be debited from the Second Party Invoices. Price shall include transportation and handling. Charges are given in Annex 2.
- Any change required by client at the time of execution to facilitate the work without changing the basic layout, will be informed to the First Party and the Second Party will provide new proposal for client's approval without any charge.
- Any change proposed by the client or third party at the time of execution will be done upon agreement between the Second Party and the First Party. If the First Party and Second Party agreed on the change proposed by the client, such cost and responsibility enhancement for such changes shall be borne by the First Party after client approval. However, if such change proposed is based on reasons attributable to the Second Party, such costs shall be borne by the Second Party.
- Regarding Non-scheduled items work, the Second party will submit a bill to the First party as per present market rate with prior approval.

Article 4 Effective date

- This Agreement shall be effective from the date of signing (hereinafter called Effective Date), and shall remain to be valid until the completion of all Jobs pursuant to the terms set forth in this Agreement, unless terminated earlier in accordance with the terms of this Agreement. However, Articles 14, 15, 19, 21, 23, 24, 25 and 28 of this Agreement shall continue to be valid after the termination of this Agreement and completion of all Jobs. Compliance with the Articles 15, 21 and 28 shall be valid for a period of 3 (three) calendar year following completion of each applicable Job(s) or from Termination of this Agreement as specified in Article 16.
- The duration of the Job shall not be less than 150 days.

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Article 5 Performance Bank Guarantee

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Article 6 Payment conditions

6.1 Payment to the Second Party shall be made by bank transfer in the denomination of Bangladesh Taka, pursuant to Milestone described in below. The transfer fee shall be borne by the First Party.

MS	Milestone	Percentage of value	Payment amount (BDT)
C1	After Construction of Casting Yard	12%	1,522,478
C2	After completion of 50% trench work	30%	3,806,196
C3	After completion of 100% trench work	30%	3,806,196
C4	After completion of Cable Trench Top Covers work (pre-casting in Casting Yard & Installation at site).	15%	19,03,098
C5	Cylinder test and transportation cost	2%	253,746
C6	PCC concreting and dismantling cost	4%	507,493
C7	Dismantling of casting yard	2%	253,746
C8	Retention (To be paid after 2 year of handover)	5%	634,367
	Total		12,687,320

6.2 The First Party shall issue the milestone completion certificate to the Second Party pursuant to achievement of the milestone completion on the condition that the milestone objectively is completed by the Second Party and the First Party can acknowledge and confirm the milestone completion. After the issuance of the milestone completion certificate by the First Party, the Second Party shall issue the invoice pursuant to the milestone completion certificate. In addition, the First party shall notify the Second Party of the concrete usage fee for each milestone.

6.3 For raising invoice against work complete; the Second Party shall submit the following document to the First Party.

- Inspection evidence of Installation manager, PM/ DPM of Nippon Signal
- Inspection evidence of NKDM site engineer (Client Inspection).
- submission of invoice by the vendor

6.4 The First Party shall make payment to the Second Party within 30 days from the date of receiving the invoice.

6.5 The income tax shall be deducted at source from the Contract Price to be paid to the Second Party pursuant to the statutory requirements.

Article 7 Liquidated damage for delay

7.1 If the Second Party is unable to complete task within 150 days from agreement execution date for any reasons attributable to the Second Party, it shall be deemed to be delay.

7.2 In case of delay on the part of the Second Party, the Second Party shall be liable to pay liquidated damages and any other compensation for the damages suffered by First Party as per Clause 7.3. This is without prejudice to the right of First Party to rescind this Agreement.

7.3 Liquidated damage shall be recovered as provided in this Agreement. Such liquidated damage shall be computed by 0.1% of Contract Price per one day delay with an upper limit of 100% of the Contract Price. The First Party may, without prejudice to any other method of recovery, deduct the amount of such damages from any sum due, or to become due, to the Second Party. Deduction of such damages as defined within this Article shall not relieve the Second Party from its obligations to complete Job or from any other duties, obligations or responsibilities under this Agreement.

Article 8 Limitation of liability

8.1 Should the Second Party commit any of the material breaches or failings but is not limited to below, the First Party shall be entitled to pursue for its recovery of any loss incurred. As such, any limit on liability in this Agreement shall not apply to:

- (i) under any other provisions of this Agreement which expressly impose a greater liability;
- (ii) in cases of fraud, willful misconduct or illegal or unlawful acts;
- (iii) in cases of acts or omissions of the Second Party which are contrary to the elementary rules of diligence which a conscientious entities or persons in similar situation as Second Party would have followed in similar circumstances;
- (iv) sickness, or disease, or death of, or injury to any person;
- (v) loss of, or damage to, or destruction of any property (other than Job) including consequential loss of use;

8.2 If any delay or change arises from force majeure situation (floods, war, natural calamity, fire etc.) occur, the First Party and Second Party shall discuss the cost sharing or other necessary matters.

Article 9 Defects liability

9.1 The Second Party shall guarantee that the requirement for functional specification specified in the relevant Job shall be fulfilled, if the deliverables of Job is put into operation under the conditions compliant with the purpose of its design. The above-mentioned warranty includes, but is not limited to the implied warranty of merchantability or fitness for a specific purpose. The Second Party shall not become liable for any failings within its warranted design should it be found that such failing was due to gross negligence or malicious intent of the First Party.

9.2 In case that the Second Party has not fulfilled the conditions of Clause 9.1 on the quality of the performance, the First Party may issue a written notice to the Second Party, and the Second Party shall resolve the problem within 10 days from receipt of such notice. The Second Party shall bear the cost required to rectify the problem.

The Defect Liability Period of the Job shall start from the date in which the Second Party handover the Job of each milestone and shall continue for 24 (Twenty-four) months from the commencement date of a liability period (the "Defect Liability Period") but the Second Party shall indemnify losses or damages

incurred if the defaults related to the Job are found after Defect Liability Period. During the Defect Liability Period, the Second Party shall provide, at its own cost, competent and skilled personnel and maintain adequate stock of spares so as to promptly fulfil its warranty obligations pursuant to this Agreement. In the case of repairing defects, the Second Party shall be liable for the Defect Liability for another 12 (twelve) months from the date of completion of the repair.

9.4 The Second Party shall ensure the supply of all the supply work components for a period of 10 years from the expiry of the Defect Liability Period. If, after the expiration of the Defects Liability Period, additional works are required for reasons not attributable to the Second Party, it might be considered a repair and therefore subject to requirement of the First Party to issue a new Job to the Second Party including payment for Works undertaken.

Article 10 Performance certificate

10.1 The Second Party shall not be considered to have completed the Job until a performance certificate has been signed by the First Party and delivered to the Second Party at the end of the Defect Liability Period. This shall state the date on which the Second Party completed its obligations related to completion of the Job and rectification of defects during the Defect Liability Period to the First Party's satisfaction. Only the performance certificate shall be deemed to constitute approval of the Job. The First Party shall not reasonably refuse issue of such certificate.

Article 11 Expenses

11.1 Second Party shall bear the expenses of salaries, cost of material, cleaning expenses, communication expenses, freight expenses, office expenses, travel expenses, visa/ administrative cost in Bangladesh etc. pursuant to this Agreement, for accomplishing Job, and bear all expenses necessary for performing the obligations of the Second Party under this Agreement, as defined within Article 2.

11.2 In case the additional agreement has been confirmed by Benefactor pursuant to variations based on Master Agreement, the First Party might consider an additional agreement with the Second Party.

Article 12 Site management

12.1 The Second Party shall take the responsibility of inventory management at its own cost. When loading/unloading & transportation of the goods from First Party's any warehouses to any section to execute the Job.

12.2 Second Party shall provide the safety, health and environment (SHE) supervisor to execute Job at its own cost and shall take all reasonable precautions to safeguard the safety and health of all persons and the security of Job. In order to meet the requirement of Master Agreement, Second Party shall work under the guidance & instructions of First Party SHE Manager. Second Party shall take the responsibility for provision of security guards and cleaners in a manner that is appropriate and effective as per the requirements contained within Article



- 3 -



N.M



N.M

- 4 -



- 5 -



N.M

OUR CONTRACT PAPER

Article 13 Insurance

13.1 The Second Party shall at its expense take out and maintain in effect, or cause to be taken out and maintained in effect the insurance below listed which is satisfactory to the First Party, during the performance of this Agreement. The identity of the insurers and the form of the policies shall be subject to the approval of First Party, who should not unreasonably withhold such approval.

(i) Transit Insurance During Transport

Covering loss or damage occurring to equipment while in transit from First Party's warehouse and/or Second Party's warehouse until arrival at the site.

(ii) Automobile Liability Insurance

Covering use of all vehicles used by the Second Party or its Sub-Contractors (whether or not owned by them) in connection with the execution of this Agreement. Automobile liability shall be met with the requirement of Bangladesh Motor Vehicle Act.

(iii) Workers' Compensation and Medical Insurance

The Second Party shall at its expense effect and maintain insurance against losses and claims arising from the death or injury to any person employed by Second Party or any Sub-Contractors (wherever applicable) in such a manner that the First Party is indemnified under the policy of insurance (where such insurable risk shall exist). The insurance shall be maintained in full force and effect during the whole time that these personnel are assisting, conducting or executing the Job(s) and during the term of Defect Liability. Each worker shall be insured for not less than 300,000 Bangladesh Taka but necessary amount shall be insured.

13.2 The Second Party shall deliver to the First Party certificates of insurance (or copies of the insurance policies) as evidence that the required policies are in full force and effect. The certificates shall provide that no less than 21 days' notice shall be given to the First Party by insurers prior to cancellation or material modification of a policy.

13.3 The Second Party shall ensure that, where applicable, its Sub-Contractors shall take out and maintain in effect adequate insurance policies for their personnel and vehicles and for work executed by them under this Agreement, unless such Sub-Contractors are covered by the policies taken out by the Second Party.

13.4 If the Second Party fails to take out and/or maintain in effect the insurances referred to Clause 13.1, the First Party may take out and maintain in effect any such insurances and may deduct from any amount due to the Second Party under this Agreement, from time to time, any premium that the First Party shall have paid to the insurer, or may otherwise recover such amount as a debt due from Second Party. If the Second Party fails to, or is unable to take out and maintain in effect any such insurance, the Second Party shall have full responsibility against the First Party for any and all liabilities of the First Party herein.

13.5 Unless otherwise provided in this Agreement, the Second Party shall prepare and conduct all and any claims made under the policies pursuant to Clause 13, and all money payable by any insurers shall be paid to the Second Party. With respect to insurance claims in which the First Party's interest are involved, the Second Party shall not give any release or make any compromise with the insurer without the prior written consent of First Party. Such agreement shall not reasonably be withheld.

Article 14 Intellectual Property Rights

14.1 Intellectual property rights developed by the Second Party in the course of executing Job shall belong to the First Party. This shall not include pre-existing systems and process developed by the Second Party of which may be of beneficial use on the Job.

14.2 The Second Party shall bear full responsibility pertaining to the third-party intellectual property rights and other rights, which are used by the Second Party for the Job.

14.3 The copyright of documents produced in the performance of the Second Party shall belong to First Party should this be for the purpose only of the Job and not existing or in progress copyright developed by the Second Party for its own process. The Second Party shall ensure that the First Party and Benefactor shall be entitled to use the copyright of documents previously held by the Second Party, and the copyright of documents licensed by the third party free of charge. Such documents may only be used for purpose of the Job and not on an on-going basis.

14.4 As a result of suspected infringement or actual infringement of the intellectual property rights belonging to the third party, which was caused by the Second Party, the Second Party shall bear all responsibility and compensate and indemnify the First Party and Benefactor from and against any loss, damage, costs, expenditure incurred by the First Party and Benefactor in connection with the claim alleged by the third party.

14.5 In case there has been an infringement of intellectual property rights for the performance or part of the performance by the Second Party and the usage has been restricted due to court order, the Second Party shall, in accordance with the sole discretion of the First Party, at its expense, purchase the rights for the First Party and Benefactor, to continue using the affected part, or shall replace the affected part with the non-infringing one so that there is no infringement of rights, or add changes in the affected part so that there is no infringement of rights.

Article 15 Responsibility for executing Job

15.1 Second Party shall, defend, compensate, and indemnify the First Party and/or Benefactor, against all costs, expenditure, loss, damage, and legal liability, arising from a claim or warning of a claim or related to a claim by a third party, on the basis of death, injury or damage to property, caused directly or indirectly, or suspected to be caused by executing Job. Such liability shall not extend to the Second party if it is found this to be due to gross negligence or malicious intent of the First Party and/or Benefactor.

Article 16 Termination of Agreement

16.1 In case Master Agreement is terminated partially or in full at the convenience of Benefactor, the First Party may terminate this Agreement partially or in full. In that case the Second Party may claim to the First Party, if the work executed and the equipment actually loaded are inspected and the completion of such part of work are confirmed by the First Party, the consideration for the volume of work executed until the termination for the equipment for Job actually loaded therein on the date of termination of this Agreement, and the cost of damages incurred due to early termination of this Agreement, and the First Party shall immediately pay the consideration and cost of damages to the Second Party. However, this Clause is not applied when Master Agreement is terminated due to breach of contract by or negligence or malicious intent of the Second Party.

Agreement is terminated due to breach of contract by or negligence or malicious intent of the Second Party.

16.2 In case of default of this Agreement by each of the parties, the other party at its own discretion may instruct the defaulting party through written notification, to fulfill the obligation within a reasonable period of time. If the default is not rectified within the said period, the party giving such notification may request the defaulting party to compensate for damages, and reimburse the costs incurred due to the default, without prejudice to the right of termination and other right under this Agreement or given at law.

16.3 If the First Party determines after consultation with the Second Party that the fulfillment of this Agreement by the Second Party has been improper, the First Party may terminate this Agreement. The First Party's decision to terminate this Agreement shall not prejudice any other rights of the First Party under this Agreement. The Second Party shall not make any claim against the First Party's decision except for its costs incurred to the date of said termination in accordance with Clause 16.1.

Article 17 Subcontract

17.1 The Second Party shall not sub-contract any part of the Job without prior written consent of the First Party. Such written consent shall not be unreasonably refused.

17.2 In case the Second Party wishes to sub-contract a part of Job to a Sub-Contractor, The Second Party shall notify it to the First Party, submit the documentation requested by the First Party and obtain written consent from the First Party in advance.

17.3 Pursuant to the provisions in the preceding paragraph, even if Job is Sub-Contracted by the Second Party to a Sub-Contractor with the consent of the First Party, the Second Party is not discharged from its obligations to the First Party under this Agreement.

17.4 The Second Party shall be responsible for observance by all Sub-Contractors of all the provisions of this Agreement. The Second Party shall be responsible for the acts or defaults of any Sub-Contractor, his representatives, officers or employees, as fully as if they were the acts or defaults of the Second Party, his representatives, officers or employees.

17.5 The Second Party shall ensure that their Sub-Contractors, material/equipment suppliers, consultants and other agencies deployed by them in connection with execution of this Agreement do not make any claim or raise any dispute before the First Party directly. Any such claims shall be submitted to the Second Party for review. Should the Second Party feel the loss incurred and claimed be relevant it shall submit a claim to the First Party for review.

Article 18 Reasonable request acceptance

18.1 Upon the request of the First Party, Second Party shall submit materials and other information supporting the applications to be provided to Benefactor to First Party.

Article 19 Prohibition from manufacture and sale of same / similar products

19.1 The Second Party shall not use the equipment, materials, or any other information supplied by the First Party for the purpose of manufacturing or selling any product or service which is similar to the product or service supplied by the First Party.

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Article 20 Progress report

- 20.1 The Second Party shall follow the schedule of works program which is provided by the First Party in order to meet the requirement of the Benefactor.
- 20.2 For the status of progress, the Second Party shall report in writing, the actual progress of the Job and the schedule, at the interval or date and time separately instructed by the First Party.
- 20.3 In case the Second Party is unable to complete the Job within the key date mentioned in Annex 2, the reason and the completion schedule shall be submitted in writing to the First Party before the key date.
- 20.4 Unless otherwise specified, the Second Party shall provide (but not limited to) the documents, reports and evidences to the First Party within 7 calendar days if the First Party requires them. This clause is applicable to all Articles in this Agreement.

Article 21 Prohibition of direct negotiation

- 21.1 Except otherwise indicated separately by the First Party in writing, the Second Party shall not engage in direct negotiations with the Benefactor or a concerned party of the First Party, with respect to the Job.
- 21.2 The Second Party shall not make any request / bill / claim against the Benefactor or cause any conflict.

Article 22 Repair

- 22.1 If repair or maintenance is required for Job that was executed by the Second Party after the Defect Liability Period, upon the request of the First Party, the Second Party shall collaborate with the First Party to execute Job within a reasonable time frame, and at reasonable cost. The First Party shall issue a new Job Agreement with such costs and time to complete the Works prior to the Second Parties mobilization. If, such repairs are required due to the reasons attributable to the Second Party, the Second Party shall execute Job and repair within a reasonable time frame designated by the First Party and the Second Party shall not be paid for such Job and repair.

Article 23 Language

- 23.1 All transactions between the First Party and the Second Party shall be in English.

Article 24 Governing law

- 24.1 This Agreement shall be governed by the Laws of Singapore.

Article 25 Arbitration

- 25.1 Any dispute, controversy, conflict or difference of opinion between parties of this Agreement, or between the concerned parties, breach of contract that cannot be amicably resolved between the parties within 30 days from the issuance of a written dispute notified by one of the parties, shall be finally resolved by arbitration in Singapore, in accordance with the current rules of Arbitration of the International Chamber of Commerce (ICC). The arbitration shall be conducted in English language.
- The award is final, and shall be binding on the parties involved in the arbitration proceedings.

Article 26 Legal compliance

- 26.1 The Second Party shall observe and comply with all applicable laws in executing Job.
- 26.2 The Second Party shall comply with the laws, regulations and all other matters concerned with welfare programs in Bangladesh, defined in the Master Agreement. On the other hand, in case the First Party is forced to pay a penalty or other sum to the Benefactor as a result of compliance deviations by the Second Party, the Second Party shall compensate for the damages incurred by First Party.
- 26.3 The Second Party, in response to the request of the First Party, shall appropriately submit the necessary documents certifying compliance with laws and regulations.

Article 27 Publicity

- 27.1 The Second Party shall not publish or otherwise circulate alone or in conjunction with any other persons, any articles, photographs or other materials relating to Job except with the permission, in writing, of the First Party. The Second Party shall ensure that its sub-contractors of any tier shall be bound by a like obligation and shall, if so required by the First Party, enforce the same at its own expense. The provisions of this Sub-Clause shall not exempt the First Party from complying with any statutory provision in regard to the taking and publication of photographs.

Article 28 Complete contract

- 28.1 This Agreement constitutes an entire agreement between the parties, and unless otherwise explicitly specified, this Agreement shall have precedence over all official or unofficial negotiations, agreements, matters of affirmation in verbal or signed in writing on this matter except confidential agreement between the First Party and the Second Party.

Article 29 Suspension of service

- 29.1 The Second Party has no right to suspend the Services without the written approval of the First Party.
- 29.2 The First Party may by written notice ("Suspension Order") issued to the Second Party suspend the Services under this Agreement at any time at its sole discretion without cause.
- 29.3 Upon the issue of a Suspension Order the Second Party shall forthwith cease performance of Services, comply with the terms of the Suspension Order and vacate the Site.
- 29.4 The Second Party will promptly recommence provision of Services on receipt of a notice to do the same from the First Party following any completion of any Suspension Order.
- 29.5 Any costs of a suspension will be borne by the Second Party.
- 29.6 Following a Suspension Order, the First Party will determine, acting reasonably, whether an extension of the key date is required. Unless otherwise directed by the First Party a Suspension Order will not affect the key date.

Article 30 Non solicitation

- 30.1 During the term of this Agreement, and for a period of twelve months thereafter, either party shall (without the prior written consent) solicit, recruit, call upon, communicate, solicit, or induce, or attempt

endeavor to recruit, solicit, or induce or entice or offer on your own behalf or on behalf of or in conjunction with any person or legal entity (i.e. either directly or indirectly) to employ, sub-contract, collaborate, form alliance or any other form of arrangement with any officer, employee or the Second Party of the party.

Article 31 Meetings

- 31.1 Meetings shall take place at a venue mutually decided by the parties with participation by the authorized representatives of both parties. The meetings shall be properly recorded and signed by the representatives attending the same. All decisions shall be taken unanimously.

Article 32 Amendments

- 32.1 Any amendments to this agreement shall be in writing and signed by the authorized representatives of the parties.

Article 33 Assignment

- 33.1 Neither Party shall be entitled to assign any of its rights nor do obligations as contained in this agreement, except with the prior written consent of the other Party.

Article 34 Specific Conditions

- 34.1 Ready Mix concrete shall be supplied by the First Party thru L&T. The concrete cost shall be deducted by the First Party at actuals as per mutually agreed rates as per Annexure - 2.
- 34.2 All concrete trench shall be closed on both sides using a shutter provided with a hole of 170 dia.
- 34.3 All payments shall be made only after the Request for Inspection (hereinafter referred to as "RFI") is closed by the First Party and client's engineer. The Second Party shall complete the work in all aspects before the RFI. However, if any comments raised by the First Party and/or client's engineer after the RFI, the Second Party shall repair the pointed out part within the period specified by the First Party or the client's engineer.
- 34.4 Minimum 3 No's of Cylinder Sample (7 days(1No's) & 28 days(2No's)) shall be taken during cable trough concreting for Compressive Strength Test. Test shall be done in batching plan of concrete provider either CP-02 / CP-03. 7 days and 28 days Compressive Strength Test report to be submitted to the First Party within 30 days from Concreting.
- 34.5 Complete casting & installation schedule shall be submitted to the First Party for mutual agreement.
- 34.6 A detailed installation method statement along with inspection checklist shall be submitted to the First Party for client approval.
- 34.7 All loading & unloading of material (cable troughs top cover) from casting yard/sub-con warehouse to Depot (site area) shall be in the scope of sub-con only including transportation & manpower.
- 34.8 A complete Project File Along with all Design & Diagram will be submitted at the time of Hand-over of the project by the Second Party

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Article 35 Notices

35.1 All notices and communications shall be sent to the following addresses of the parties;

First Party: **Nippon Signal Co., Ltd.**

Billing Address

1-5-1, Marunouchi, Chiyoda-Ku, Tokyo 100-6513, Japan
Shin-Marunouchi Building 13th floor.

Delivery Address

WAKUTSU Takuya

NIPPON SIGNAL CO., LTD., DHAKA OFFICE CP-7 Project Office

Block 1, Sector 16, Road: Sonargaon Janapath, Dhebari, Uttara, Dhaka-1230, Bangladesh.

Second Party:

Eqbal Hossain Faruk

House no - 08, Road no - 31,

Sector No-07,

Uttara, Dhaka - 1230

All notices shall be deemed to have been validly given on (i) the business date immediately after the date of transmission with confirmed answer back, if transmitted by facsimile/electronic transmission, or (ii) the business date of receipt, if transmitted by courier or registered post.

Any Party may, from time to time, change its address or representative for receipt of notices provided for in this Agreement by giving to the other Party not less than 10 (ten) days prior written notice.

IN WITNESS WHEREOF, the parties hereto shall agree to this Agreement as of the day and year first above written.

First party:

Nippon Signal Co. Ltd.

H. Mikuni
Hiroyuki Mikuni
Chief General Manager
Kuki Plant



Second party:

Best Dwell Engineering

Eqbal Hossain Faruk
Eqbal Hossain Faruk
CEO
Best Dwell Engineering



Concrete Rates

SN	Supplying Agency	Concrete Grade	Concrete Rate per Cubic Meter (BD Taka)	Additional expenses such as transportation/handling etc per cubic meter (BD Taka)	Testing Expenses per day (BD Taka)	Remarks
1	CP02 (Depot Interface Civil Contractor)	M30	17622			M30 is Taka 17622 per cum
2	CP03/04 (Stations Interface Civil Contractor)	M35	16500	2000	7800	M35 is Taka 16500 per cum (at batching plant), and another Taka 2000 per cum (approx for delivery to site etc. which is presently managed directly by LTJV Team). The testing charges is Taka 7800 per day for 7 day and 28 day sample.

Notes

- Concrete shall be purchased from above contractors only.
- AAL shall pay to above contractor directly as per above rates.
- AAL shall interface with above contractor for concrete requirement, timing and loading/unloading as per schedule.



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Annex1
BOQ

Sl No	Item	Size / Specs	Length (in mtr)	UOM	Unit Rate	Total
1	Cable trough Small	300*200*500 mm	1239	meter	7,863	97,42,257
2	Cable Trough Big	400*300*500 mm	52	meter	8,265	4,29,780
3	Cable Trough JB - Small	300*200*1000 mm	0.5	meter	9,057	4,529
4	Cable Trough JB - Big	430*250*1000 mm	1	meter	9,414	9,414
					Part - A	1,01,85,979
5	Fencing Works, Site office Casting Yard Making Cost				14,68,647	14,68,647
6	Dismantling & Removing Casting Yard				3,05,968	3,05,968
					Part - B	17,74,615
7	Cylinder Test Cost	150*300 mm	50	set	4,774	2,38,700
8	Transportation Cost	150*300 mm	100	Trips	306	30,600
					Part - C	2,69,300
9	PCC works including labor, Shutter & Concrete		125	meter	2,079	2,59,875
10	Trench Base works including labor, shutter, rebar & Concrete		20	meter	5,288	1,05,760
11	PCC & Trough base Dismantling & Removing Cost		1	LS	91,791	91,791
					Part - D	4,57,426
						1,26,87,320



OUR WORK COMPLETION CERTIFICATE



Registered Address: C/O Shorif Associates, 24-25 Dilkusha C/A (9th floor)
Dhaka-1000, Bangladesh
CP-7 project office, Block E, Sector 10,
Road, Sonarganj Intersection, Dhaka, Uttara, Dhaka-1230, Bangladesh
Tel: +81-3-3217-7200



Registered Address: 1 EADN Tower (9th Floor), M-20, Main Road 1, Section 14, Mirpur,
Dhaka-1206, Bangladesh
CP-7 project office, Block E, Sector 10,
Road, Sonarganj Intersection, Dhaka, Uttara, Dhaka-1230, Bangladesh
Tel: +880-1847-198-431



YOUR ONE-STOP KNITWEAR SOLUTION

Work Completion Certificate

This is to certify that Best Dwell Engineering of Plot 105, SR Tower, Sector 7, Uttara, Dhaka 1230 has successfully completed our below mentioned works of DMRTDP, Line 6, CP 7 under Nippon Signal Co., Ltd. They have completed the work as per the milestone of the Contract.

Work Details	Agreement Date	Completion Date	Amount (BDT)
Design & Construction of Signalling Cable Trench for Train Control Systems for Dhaka Metro Line 6.	18 February 2021	28 March 2021	12,687,320
Taka Twelve Million Six Hundred Eighty Seven Thousand Three Hundred Twenty Only.			

We wish them success in there all works ahead.


WAKUTSU Takuya
Country Representative
Nippon Signal Co., Ltd Dhaka Office

TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s Best Dwell Engineering has worked with Nippon Signal Co., Ltd for Dhaka Mass Transit Development Project - MRT Line 6 for Signalling and Platform Screen Door (PSD) between November 2020 to October 2023 for construction, Manufacturing & Supply of Mechanical Items and installation, Testing and Commissioning Support.

The detailed credentials are as follows.

SN	Category	Description of Works	Order Number	Currency	
				BDT	USD
1	Construction	Cable Trench & Pulpit Works	900721107, 9000735394	23,773,451	
2	Construction	Cable Trench Modification & Pulpit Works	9000767446		62,192.69
3	Construction	Road Crossing Works	N/A		15,370
4	Manufacturing & Supply	Supply of Mechanical Items such as Metal Base Frame, Repeater Signal Fixtures, SCIF Box, RCC JB etc	9000754210	5,836,785	
5	Manufacturing & Supply	Supply of cable tray, Marker Boards, Earh Connector, JB, LVS Base frame, Approach alarm & WRS fixer & packing Sleeve	9000775298, 9000777332		85,997.46
6	Installation	PSD System Lab Installation	9000810643		9,583
7	Installation	Signalling Indoor & outdoor installation works(Phase-2)	9000800486,		169,313

We thank Best Dwell Engineering Team their support and contribution in Dhaka Metro Line 6 Project.

We wish them a bright future.


WAKUTSU Takuya
Country Representative
Nippon Signal Co., Ltd.
Dhaka Office

To whom it may concern

This is to certify that Best Dwell Engineering has completed our below buildings of total 2,790 square meter amounting BDT 1.38 Crores. Their scopes of work were Layout, Estimation, Material Sourcing, Labor & Experts Recruiting, Engineering Supervision and Finishing Works.

Preparation Of Detail Engineering Assessment Of Factory Building	Best dwell Engineering team performed full assessment works as per BNBC. Status: Project Completed in 2018.
Pre-Fabricated Steel Building.	Best dwell Engineering team performed full assessment works as well as retrofitting works as per BNBC. Status: Project Completed in 2018.

Certified by


Zoynal Abedin
Managing Director
BG Collection Ltd.

OUR WORK COMPLETION CERTIFICATE



EURO BANGLA ASSOCIATES
Corporate Office: House No.: 18, Road No.: 34, Sector 7, Uttara, Dhaka-1230, Bangladesh
Telephone: +88024891088, Mob: +8801730061688, +8801730061699
E-mail: eba@eurobanglagroup.com, hashemee59@gmail.com


To whom it may concern

This is to certify that Best Dwell Engineering represented by Md. Rabiul Islam (Managing Partner) and Md. Eaqbal Faruk (CEO) is working with us for long time. They are our Engineering Consultant in our ongoing below mentioned Project works of MILITARY ENGINEERING SERVICES (MES).

1	WIDENING OF ROAD INCLUDING ANCILLARY WORKS FROM 1 NO. MP CHECK POST TO INFORT OF 575 FI UNIT UPTO AREA HQ AT CHATTOGRAM CANTT. Job No. 313 / Other Bldg & Structure of 2018-2019.		
2	Construction of 1 X Quarter guard (2 storey with 2 storied fdn) including ancillary works for PGR at Dhaka Cantt (1 st phase) for Tk 23,319,625.64 awarded by DW&CE (Army), Dhaka Cantonment, Dhaka.	2019/ 2020	Design, Estimate, Layout, Manpower & Material Sourcing and overall Management
3	Construction of officer's mess complex (4storey with 4 storied foundation) including ancillary works hall room in 1 st floor, VIP & VVIP room in 2 nd floor, BOQ in 3 rd floor at residential area, BDF Gazipur Cantt: Job No. 478/ BASOKA of 2018-2019 for Tk74,031,942.97 awarded by DW&CE (Army), Dhaka Cantonment, Dhaka.		

We wish their success in all their future works.

With best regards,
For & on behalf of Euro Bangla Associates


Hasnat Ahmed Hashemee
Proprietor



Liaison Office: House - 168 (2nd Floor), Road - 01 (East), DOHS Baridhara, Dhaka-1206, Bangladesh
Mob: +8801730061600, +8801730061680
Registered Office: Saffiyabari, Rajendrapur, Sreepur, Gazipur, Bangladesh
www.eurobanglagroup.com



M/S. ZIHAN ENTERPRISE
House# 65, Road# 6, Block# 8, Monirabad Housing Society, Adabor, Dhaka-1207
Cell : 01823061399, 01713281643, 01534829242, E-mail : zhanup@gmail.com

To whom it may concern

This is to certify that Best Dwell Engineering has successfully completed our mobile tower dismantling works. Their scopes of work were taking NOC from landowner & dismantling works of mobile tower by the strong Engineering Supervision with the skill technical peoples.

Pre-Fabricated Steel Tower Dismantling works, Dhaka.	Best Dwell Engineering has successfully completed the 27 nos mobile tower dismantling works at different district of Bangladesh.
---	--

Certified by

(Md. Rezwanul Karim)

Proprietor



AXIS VILLAGE (BD)

Maena Uttar Para
(Beside Mona Market),
Moena, Sripur, Gazipur.
Telephone : + 88 02 47670845-6
E-mail: info@axisknit.com
www.axisknit.com

To whom it may concern

This is to certify that Best Dwell Engineering has completed our below buildings of total 24,720 square meter amounting BDT 34 Crores. Their scopes of work were Layout, Estimation, Material Sourcing, Labor & Experts Recruiting, Engineering Supervision and Finishing Works.

Construction & Design of 10 Storied RCC Garments building.	Construction & engineering design review of Architectural Service, Structural Design Services, and Firefighting services with per floor area about 2,472 sqm strong supervision of all pattern of construction Status: Construction Works is ongoing
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Certified by

Md. Zakir Hossain
Managing Director
Axis Knitwear Ltd.

OUR WORK COMPLETION CERTIFICATE



M/S. ZIHAN ENTERPRISE
House # 6, Road # 6, Block-B, Monirabad Housing Society, Azampur, Dhaka-1207
Cell : 0182361399, 01712681643, 0153489642, E-mail : zihan.arp@gmail.com

To whom it may concern

This is to certify that Best Dwell Engineering has successfully completed the foundation works of mobile tower at different district of Bangladesh. Their scopes of work were topographical survey, layout, & construction of foundation (pile, mat, pedestal column) works by the strong Engineering Supervision with the skill technical peoples.

Construction of foundation works of mobile tower.	Best Dwell Engineering has successfully completed the 09 nos mobile tower foundation works at different district of Bangladesh.
---	---

Certified by

(Md. Rezwanul Karm)
Proprietor

Genesis Engineering & Solution
(An Engineering Solution Provider)
House # 19, Ground Floor, Lane # 9, Block - B, Section -13, Mirpur, Dhaka - 1216
info@genesistem.com | www.genesistem.com | +8801524804343, +8801819612251

Certificate of Project Completion

To Whom It May Concern

Dated: 19.08.2022

This is to certify that, Best Dwell Engineering has successfully completed the construction & beautification of Cadet College Club Ltd. This work has completed in 14th August, 2022.

Thanking you & your team for your best services always.

Name of the Project: Construction & beautification of Cadet College Club Ltd.

Work Order No: GES/CCCL/PO/2022-035

Duration of the Project: 15-10-2021 to 14-8-2022(10 Months)

Thanking you

On behalf of Genesis Engineering & Solution --

K. M. Nahid Hossain Shaon
Chairman
Cell: 01915482417

Design Consultancy • Building Construction • Building Safety Assessment
Building Retrofitting • Supply & Installation for Electrical and Fire Safety

RiCON
(Consultancy, Construction & Supply)
Head Office : House-120(3rd Floor), Road-01,
Banani, Dhaka-1215, Branch House - 276, East
Majpara, Gopalganj Sadar, Gopalganj.
Contact : rifatsaikat@gmail.com,
+8801717477959.

Certificate of Project Completion

Dated: 04.07.2022

To Whom It May Concern

I am hereby confirmed that, Best Dwell Engineering has successfully completed the construction works of Feed mill in Manikganj, Bangladesh. I am very happy for their quality construction services.

I wish them all the success in their works in future.

Work Order No: RN/FL/PO/021

Duration of the Project: 08-01-2021 to 30-6-2022(1.5 Year)

Project Value: 67 Lac

Thanking you

On behalf of RiCon -

Rifat Tabassum Saikat
Managing Director

04.07.2022

OUR WORK COMPLETION CERTIFICATE



Ref:

Date:

Ref: SKE/EC/2020/05
Date: 01, Jan-2020

TO WHOM IT MAY CONCERN

This is to certify that, Best Dwell Engineering Proprietor- Eng: Md. Rabiul Islam, House# 08, Road# 31, Sector# 07, Uttara, Dhaka-1230 is our valued Supplier & Contractor. They are working with us from March 2019 to till now. They have successfully completed some civil work & maintenance work.

We have founded them well sincere in their service life. Their Service meets our satisfaction level. We wish them every success in their future activities.


Mosthaof Hossain
Proprietor
SK Engineering



Office Address : House # 78, Road # 10, South Baridhara (DIT Project) Dhaka-1212, Bangladesh.
Phone : 01829-743455, 01683-600036, 01814-772492
E-mail : skengineering455@gmail.com, info@skengineering.com.bd



Best Dwell Engineering

OFFICE: HOUSE 8, ROAD 11, SECTOR 7, UTTARA, DHAKA 1230
REGISTERED ADDRESS: 99 MOTIHEEL, C/A, DHAKA, BANGLADESH
MOB: +8801745534957, +8801756183118
bestdwelleng@gmail.com, bestdwelleng.com

WCC No: BDE/08

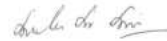
PO: 5500007183 Date: 01-09-2024

To:

Name: HFCL LIMITED, (BANGLADESH BRANCH OFFICE)
Address: House No. 28-29, Navana (Oaid Eternia (Level-14), Kakrai, VP Road, Paltan PS, Dhaka-1000;
Bangladesh

Subject: Work Completion Certificate (WCC)- R55 Motiheel

SL	Work Description	UOM	Quantity	Remarks
1	Installation of Indoor Access Points	Nos	1	Work Done
2	Installation of Digital Clock Indoor	Nos	1	Work Done
3	Fixture for Digital Clock and Digital Clock installing across station building.	Nos	5	Work Done
4	Installation of PTZ Camera	Nos	1	Work Done
5	Installation of Biometric Reader	Nos	1	Work Done
6	Installation of Interface Controller	Nos	1	Work Done
7	Installation of FM Lock-OL	Nos	1	Work Done
8	Installation of Smart Card Reader	Nos	1	Work Done
9	Installation of Break Glass	Nos	1	Work Done
10	Installation of IP Phone	Nos	2	Work Done
11	Installation of 9U Rack	Nos	1	Work Done
12	Installation of L2 Switch	Nos	1	Work Done
13	Laying of GI Flexible 25mm	Rmt	1500	Work Done
14	Laying of GI Flexible 12mm	Rmt	500	Work Done
15	Installation of Nuts & Bolts	Kg	50	Work Done
16	Installation of Nuts & Bolts	Kg	50	Work Done
17	Installation of Nuts & Bolts	Kg	30	Work Done
18	Installation of PVC Cable Tie	Nos	2000	Work Done
19	Installation of Royal Bolt	Nos	50	Work Done
20	Installation of L Lugs	Nos	50	Work Done
21	Installation of O Lugs	Nos	50	Work Done
22	Installation of O Lugs-16mm	Nos	30	Work Done
23	Installation of GP Shade-25mm	Nos	200	Work Done
24	Installation of Cable Tray (GI)	Nos	3	Work Done
25	Installation of Cable Tray	Rmt	3	Work Done
26	Installation of Face Plate with RH45	Nos	5	Work Done
27	Installation of Cable Spiral	Nos	4	Work Done
28	Installation of ODF 12F	Nos	2	Work Done
29	Installation of Patch Cord-5M	Nos	4	Work Done
30	Installation of L Clamp	Nos	2	Work Done
31	Installation of Z Clamp	Nos	2	Work Done
32	Laying of 6 Core Cable-ACS	Mtr	100	Work Done
33	Laying of Power Cable	Mtr	1500	Work Done
34	Laying of UTP Cable	Mtr	2000	Work Done
35	Installation of 12V Battery	Nos	1	Work Done





36	Installation of RJ 45 Connector	Nos	50	Work Done
37	Installation of RJ 45 Connector Cover	Nos	50	Work Done
38	Transportation Cost	Km	1	Work Done
39	Installation of Insulation Tape	Nos	20	Work Done
40	Installation of Pole for Bullet Camera	Nos	2	Work Done
41	Installation of Pole for PTZ Camera	Nos	1	Work Done
42	Installation of Media Converter	Nos	2	Work Done
43	Installation of Gang Box for IP PH	Nos	2	Work Done
44	Installation of SPD Camera	Nos	6	Work Done
45	Hire Water Pumpset	Nos	10	Work Done
46	Casing Cap White Color	Nos	20	Work Done
47	Installation of Spiral	Nos	10	Work Done
48	Labeling & Installation	Nos	50	Work Done
49	Installation of Splicing	Nos	2	Work Done
50	Laying of GI Flexible	Rmt	2000	Work Done
51	Laying of HDPE Pipe	Nos	500	Work Done
52	Installation of Core Cutting 50mm	Nos	4	Work Done


Bulu Prasad Barik
Installation Manager
HFCL, Dhaka




MD Shahjalal
Managing Partner
Best Dwell Engineering

OUR WORK COMPLETION CERTIFICATE



Best Dwell Engineering
OFFICE: HOUSE 8, ROAD 31, SECTION 7, UTTARA, DHAKA 1230
REGISTERED ADDRESS: 99 NOTEDIEL, C/A, DHAKA, BANGLADESH
MOBILE: +8801745350977, +8801756245539
bestdwelleng@gmail.com, bestdwelleng.com

Order Number: 5500006892 Date: 7/11/2023

Invoice No: BDE/HFCL/INST/001
Date: 04.12.2023
Bill To:
Name: HFCL LIMITED, (BANGLADESH BRANCH OFFICE)
Address: House No. 28-29, Navana Obaid Eternia (Level-14), Kakral, VIP Road, Pallan PS, Dhaka-1000, Bangladesh

Subject: Work Completion Certificate(WCC)

Sl.	Items	UOM	PO Quantity	Work Done Quantity	Remarks
1	1.2 Switch	Nos	29.00	29.00	
2	Indoor Access Points	Nos	34.00	34.00	
3	Outdoor Access Point	Nos	24.00	24.00	
4	24/12V/1W GDI Installation	Nos	30.00	30.00	
5	Analog Clock Indoor	Nos	6.00	6.00	
6	Analog Clock Outdoor	Nos	6.00	6.00	
7	Digital Clock Indoor	Nos	24.00	24.00	
8	Digital Clock outdoor	Nos	14.00	14.00	
9	Bullet Camera with Surge Protector Installation	Nos	142.00	142.00	
10	Fixed Box Camera for FRS with Surge Protector Installation	Nos	24.00	24.00	
11	P12 Camera with Surge Protector & DC Adapter	Nos	60.00	60.00	
12	MMIs with 19" LED Monitors & 43" Screens at Stations	Nos	6.00	6.00	
13	Joystick Keyboard	Nos	3.00	3.00	
14	Biometric fingerprint vein identification reader	Nos	16.00	16.00	
15	Main Controller with Enclosure	Nos	4.00	4.00	
16	Interface Controller with Enclosure	Nos	24.00	24.00	
17	Electromagnetic Lock for Single leaf door	Nos	28.00	28.00	
18	Electromagnetic Lock for Double leaf door	Nos	20.00	20.00	
19	Smart Card Reader	Nos	80.00	80.00	
20	Exit Push Button	Nos	8.00	8.00	
21	Emergency Break Glass	Nos	52.00	52.00	
22	5-ACS MMI Installation	Nos	2.00	2.00	
23	Ambient Noise Sensor	Nos	21.00	21.00	
24	Digital Call Station	Nos	3.00	3.00	
25	Ceiling Speaker Concourse	Nos	193.00	193.00	
26	Ceiling Speaker Rooms	Nos	60.00	60.00	
27	Projection Speaker Platform	Nos	140.00	140.00	
28	Projection Speaker Entry Exit	Nos	48.00	48.00	
29	Projection Speaker Concourse Rooms	Nos	18.00	18.00	

Verified by HFCL Limited: 5/12/23

Page 1 of 3



Best Dwell Engineering
OFFICE: HOUSE 8, ROAD 31, SECTION 7, UTTARA, DHAKA 1230
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MOBILE: +8801745350977, +8801756245539
bestdwelleng@gmail.com, bestdwelleng.com

Order Number: 5500006892 Date: 7/11/2023

Invoice No: BDE/HFCL/INST/001
Date: 04.12.2023
Bill To:
Name: HFCL LIMITED, (BANGLADESH BRANCH OFFICE)
Address: House No. 28-29, Navana Obaid Eternia (Level-14), Kakral, VIP Road, Pallan PS, Dhaka-1000, Bangladesh

Subject: Work Completion Certificate(WCC)

Sl.	Items	UOM	PO Quantity	Work Done Quantity	Remarks
30	Double Side LED With Clock	Nos	8.00	8.00	
31	Double Side LED Without Clock	Nos	12.00	12.00	
32	TFT	Nos	16.00	16.00	
33	Analog Phone	Nos	72.00	72.00	
34	Digital Phone	Nos	9.00	9.00	
35	Direct Line Telephone-20 Line	Nos	3.00	3.00	
36	Direct Line Telephone-10 Line	Nos	24.00	24.00	
37	DLT Master conference Set	Nos	4.00	4.00	
38	SU Rack Installation	Nos	29.00	29.00	
39	Power (3 Core x 1.5 sq mm) Unarmored Cable	Mtr	10,000.00	9,868.00	
40	Communication (2 Core x 1.5 sq mm) Un armoured PA Cable	Mtr	6,800.00	6,497.00	
41	Communication (8 core x 0.75 sq mm) Cable	Mtr	4,100.00	4,067.00	
42	Communication (8 core x 0.75 sq mm) Cable	Mtr	4,000.00	3,876.00	
43	CAT SE (UTP/STP) Cable	Mtr	7,500.00	7,295.00	
44	Unarmored Telephone Cable 2Pair	Mtr	6,000.00	5,743.00	
45	Armored Telephone Cable 2Pair	Mtr	200.00	198.00	
46	Earthring Cable 1CK36 sqmm	Mtr	10,500.00	10,246.00	
47	Noise Sensor Cable	Mtr	1,000.00	977.00	
48	360 OFC Laying	Km	0.5	0.48	
49	MDF Installation	Nos	3	3.00	
50	IDF Installation	Nos	3	3.00	
51	GI Flexible/Conduiting	Nos	3320	3,320.00	
52	Cable Tray Installation	Mtr	5	5.00	

Verified by HFCL Limited: 5/12/23

MD Shahjahan
Managing Partner
Best Dwell Engineering

Page 2 of 3



Best Dwell Engineering
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MOBILE: +8801745350977, +8801756245539
bestdwelleng@gmail.com, bestdwelleng.com

Invoice No: BDE/HFCL/SUPPLY/001

Invoice Date: 04.03.2024

PO:4100005790 Date: 27-02-2024

Bill To:
Name: HFCL LIMITED, (BANGLADESH BRANCH OFFICE)
Address: House No. 28-29, Navana Obaid Eternia (Level-14), Kakral, VIP Road, Pallan PS, Dhaka-1000, Bangladesh

Subject: Work Completion Certificate/Delivery Challan(WCC)

PO SL.	Item Description	UoM	Quantity	Remarks
1	9U Rack Fixture-Platform	EA	30.0	Installed
2	PVC Cable Tie 10mm	PAC	220.0	Installed
3	PVC Cable Tie 8mm	PAC	90.0	Installed
4	Cable Lugs I Type-1.5sqmm Copper	Nos	9,300.0	Installed
5	Cable Lugs O Type-1.5 sqmm Copper	Nos	9,700.0	Installed
6	Cable Lugs I Type-6 sqmm Copper	Nos	1,700.0	Installed
7	Cable Lugs O Type-6 sqmm Copper	Nos	6,300.0	Installed
8	Cable Lugs 16sqmm Pin Type Copper	Nos	700.0	Installed
9	Cable Lugs 16sqmm U Type Copper	Nos	500.0	Installed
10	Cable Lugs O Type-16 sqmm Copper	Nos	1,300.0	Installed
11	Cable Lugs I Type-16sqmm Copper	Nos	100.0	Installed
12	Cable Lugs 35sqmm I Type Copper	Nos	200.0	Installed
13	Cable Lugs 35sqmm U Type Copper	Nos	200.0	Installed
14	Cable Lugs O Type-35 sqmm Copper	Nos	350.0	Installed
15	18A 220V C13-C14 Connector Cable 1.5sqmm	Nos	200.0	Installed
16	Heat Shrink Tube-5 Colors-1.5 sqmm	Nos	400.0	Installed
17	Heat Shrink Tube-5 Colors-16 sqmm	Nos	350.0	Installed
18	Heat Shrink Tube-5 Colors-35 sqmm	Nos	350.0	Installed
19	Industrial Socket 32 Amp 3 Pin Portable	Nos	45.0	Installed
20	Industrial Socket 16 Amp 3 Pin Portable	Nos	85.0	Installed
21	Ebonite Sheet 100x100mm	Nos	20.0	Installed
22	25mm GI with black pvc cover(GI Conduit)	M	22,500.0	Installed
23	25mm GI Gland	Nos	20.0	Installed
24	Rawl Bolt Stainless Steel 10mm	Nos	1,500.0	Installed
25	Rawl Bolt Stainless Steel 6mm	Nos	1,500.0	Installed
26	Power Plug 18A 220V-C14	Nos	490.0	Installed
27	Fiber Tube	M	550.0	Installed
28	Nut Bolt 6sqmm with double washer	Nos	2,500.0	Installed
29	25A Junction device for PDU	Nos	99.0	Installed
30	Gland 25 sqmm PVC	Nos	376.0	Installed

MD Shahjahan
Managing Partner
Best Dwell Engineering

OUR WORK COMPLETION CERTIFICATE



31	PVC casing capping 75x75mm	Nos	200.0	Installed
32	GI pipe and GI flexible Jointer 25mm	Nos	800.0	Installed
33	GI JIB (100x100x25x1.2mm)	Nos	400.0	Installed
34	GP Saddle 25mm double layer & base plate	Nos	2,000.0	Installed
35	Fixture For Glass Door UBracket + ZClamp	Nos	15.0	Installed
36	Fixture For Metal Door UBracket + ZClamp	Nos	24.0	Installed
37	GI Clamp For Vidicut HDPE Pipe fixing	Nos	72.0	Installed
38	Boot Cap	Nos	13,500.0	Installed
39	HDMI Cable	EA	3.0	Installed
40	POWER CABLE	LOT	500.0	Installed
41	Multimode Duplex/Optical Patch Cord 1 Mtr	Nos	492.0	Installed
42	Multimode Duplex/Optical Patch Cord 3 Mtr	Nos	155.0	Installed
43	Single Mode Optical Patch Cord 10 Mtr	Nos	180.0	Installed
44	Ethernet Patch Cord (mtr)	EA	270.0	Installed
45	Factroymade Ethernet Patch Cord 3 Mtr	Nos	150.0	Installed
46	Factroymade Ethernet Patch Cord 5 Mtr	Nos	455.0	Installed
47	Factroymade Ethernet Patch Cord 10 Mtr	Nos	92.0	Installed
48	INSULATION TAPE	Nos	560.0	Installed
49	Masking Tape	Nos	50.0	Installed
50	Single Port Face Plate with modular	Nos	340.0	Installed
51	PVC Rawal Plug	Nos	2,200.0	Installed
52	SCREW	Nos	1,900.0	Installed
53	Steel Tie-4ft long 1.2mmthick 22mm width	Nos	200.0	Installed
54	Battery 12 V, 5Ah	Nos	30.0	Installed
55	RJ11 CONNECTORS	Nos	300.0	Installed
56	RJ45 CONNECTORS	EA	21,000.0	Installed
57	PVC casing capping 2 inch	Nos	40.0	Installed
58	12F ODF	EA	46.0	Installed
59	Fiber Cleaning Kit	EA	16.0	Installed
60	EQUIPMENT RACK, 9U (600X600)	Nos	10.0	Installed
61	Lock for 9U Rack	Nos	170.0	Installed
62	Lock for 42U Rack	Nos	160.0	Installed

Rulu Prasad Barik
Installation Manager
HFCL, Dhaka



MD Shahjalal
Managing Partner
Best Dwell Engineering



Best Dwell Engineering
OFFICE: HOUSE 6, ROAD 31, SECTION 7, UTARA DHAKA 1230
REGISTERED ADDRESS: 99 MOTURHEL, C/A, DHAKA, BANGLADESH
MOB: +8801745530957, +880170065530
bestdwelleng@gmail.com, bestdwelleng.com

WCC No :SDI/04

Date: 01-03-2024

PO:5500007183 Date: 23-02-2024

To:

Name: HFCL LIMITED, (BANGLADESH BRANCH OFFICE)

Address: House No. 28-29, Navana Obaid Eternia (Level-14), Kakrai, VIP Road, Paltan PS, Dhaka-1000, Bangladesh

Subject: Work Completion Certificate (WCC)- PH-1 Stations Rectification work

SL	Work Description	UOM	Quantity	Remarks
1	Instt. of Optical Fiber Distribution	Nos	54	Work Done
2	Patch Cord- 1 m	Nos	108	Work Done
3	Patch Cord- 10 m	Nos	132	Work Done
4	Install. of ODF, Splicing & OTDR	Nos	54	Work Done
5	Laying of OFC	Mtr	6000	Work Done

Rulu Prasad Barik
Installation Manager
HFCL, Dhaka



MD Shahjalal
Managing Partner
Best Dwell Engineering



Best Dwell Engineering
OFFICE: HOUSE 6, ROAD 31, SECTION 7, UTARA DHAKA 1230
REGISTERED ADDRESS: 99 MOTURHEL, C/A, DHAKA, BANGLADESH
MOB: +8801745530957, +880170065530
bestdwelleng@gmail.com, bestdwelleng.com

WCC No :SDI/02

Date: 01-03-2024
PO:5500007183 Date: 23-02-2024

To:

Name: HFCL LIMITED, (BANGLADESH BRANCH OFFICE)

Address: House No. 28-29, Navana Obaid Eternia (Level-14), Kakrai, VIP Road, Paltan PS, Dhaka-1000, Bangladesh

Subject: Work Completion Certificate (WCC)- PH-2 Stations

SL	Work Description	UOM	Quantity	Remarks
1	I/O Switch	Nos	22	Work Done
2	Indoor Access Points	Nos	26	Work Done
3	Outdoor Access Point	Nos	16	Work Done
4	24x12x12x12 ODF Installation	Nos	35	Work Done
5	Submaster Clock	Nos	2	Work Done
6	Analog Clock Indoor	Nos	4	Work Done
7	Analog Clock Outdoor	Nos	4	Work Done
8	Digital Clock Indoor	Nos	19	Work Done
9	Digital Clock outdoor	Nos	8	Work Done
10	Installation of Bullet Camera	Nos	92	Work Done
11	Fixed Box Camera for FPS	Nos	16	Work Done
12	PTZ Camera with Surge Protector	Nos	40	Work Done
13	MMIs with 19" LED Monitors	Nos	4	Work Done
14	Joystick Keyboard	Nos	2	Work Done
15	Biometric fingerprint	Nos	8	Work Done
16	Main Controller with Enclosure	Nos	2	Work Done
17	Interface Controller	Nos	17	Work Done
18	Installation of EM Lock-DL	Nos	14	Work Done
19	Installation of EM Lock-SL	Nos	20	Work Done
20	Installation of Smart Card Reader	Nos	56	Work Done
21	Exit Push Button	Nos	3	Work Done
22	Emergency Break Glass	Nos	35	Work Done
23	S-ACS MMI Installation	Nos	2	Work Done
24	Ambient Noise Sensor	Nos	14	Work Done
25	Digital Call station	Nos	2	Work Done
26	Ceiling Speaker Concourse	Nos	134	Work Done
27	Ceiling Speaker Rooms	Nos	40	Work Done
28	Projection Speaker Platform	Nos	88	Work Done
29	Projection Speaker Entry Exit	Nos	41	Work Done
30	Projection Speaker Concourse Rooms	Nos	18	Work Done

Rulu Prasad Barik



OUR WORK COMPLETION CERTIFICATE

31	Double Side LED With Clock	Nos	4	Work Done
32	Double Side LED Without Clock	Nos	8	Work Done
33	TFT	Nos	16	Work Done
34	2C x 35 sq mm Unarmoured cable	Mtr	248	Work Done
35	2CX 25 sq mm armoured cable 4X250Mtr	Mtr	876	Work Done
36	Analog Phone	Nos	46	Work Done
37	Digital Phone	Nos	6	Work Done
38	Direct Line Telephone-10 Line	Nos	12	Work Done
39	DLT Master conference Set	Nos	2	Work Done
40	9U Rack Installation	Nos	20	Work Done
41	Power (3 Core x 1.5 sq mm) UnArmored Cab	Mtr	26955	Work Done
42	2 Core x 1.5 sq mm Un armored PA Cable	Mtr	9784	Work Done
43	6 core x 0.75 sq mm Cable	Mtr	1035	Work Done
44	8 core x 0.75 sq mm Cable	Mtr	3000	Work Done
45	CAT 5E (UTP/STP) Cable	Mtr	27220	Work Done
46	Unarmored Telephone Cable 2Pair	Mtr	4267	Work Done
47	Armored Telephone Cable 2Pair	Mtr	1667	Work Done
48	Earthing Cable 1CX16 sqmm	Mtr	21400	Work Done
49	4C x 16 sq mm Unarmoured Power Cable	Mtr	116	Work Done
50	Noise Sensor Cable	Mtr	2272	Work Done
51	24F/12F/6F OFC Laying	Km	4	Work Done
52	HDPE Laying	Nos	0.1	Work Done
53	G.I Flexible/Conduiting	Rmt	50	Work Done
54	Cable Tray Installation	Nos	3102	Work Done


Bulu Prasad Barik
Installation Manager
HFCL, Dhaka




MD Shahjalal
Managing Partner
Best Dwell Engineering

COMPANY TURNOVER

Dhaka Bank PLC. Statement of Account

SONARGAON JANAPATH BRANCH
HOLDING NO 56, SONARGAON JANAPATH ROAD,, SECTOR NO 09, WARD NO 01,, DHAKA NORTH
CITY CORP, UTTARA, DHAKA,

BEST DWELL ENGINEERING

HOUSE 08, ROAD 31, SECTOR 07, UTTARA, DHAKA, -
1230

Print Date : 02-May-2024
Account No : 1191090001634
Account Type : CURRENT DEPOSIT ACCOUNT (SME)
Currency : BDT
Period : 01-Jul-2022 To 01-May-2024

TXN DATE	VALUE DATE	TXN BRN	DESCRIPTION	DEBIT	CREDIT	BALANCE
30-04-24	30-04-24	119	Cheque Withdrawal ,Instrno: 1138237	200,000.00	0.00	1,429,510.00

Opening Balance : 3,275.00 Dr Count: 224
Total Debit Amount : 65,421,765.00 Cr Count: 43
Total Credit Amount : 66,848,000.00
Closing Balance : 1,429,510.00

PLEASE NOTE: That any discrepancy must be notified to the bank within 15 days from the date of this statement. Otherwise it will be deemed that the customer has found this statement correct.
Dear Customer: For Clearing Cheques of Tk.5 lac and above please send "Positive Payment"

Union Bank PLC
UTTARA BRANCH
House # 37, Sector # 7, Sonarga Jonopoth, Uttara.

Print Date : 02/05/2024

A/C Statement

Customer ID : 203650
A/C No. : 0271010005401
A/C Name : BEST DWELL ENGINEERING
Address : PLOT : 105,
S.R. TOWER,
UTTARA,
UTTARA, DHAKA

Date From : 01/07/2022 To 02/05/2024
Type of Account : AL-WADEAH CURRENT DEPOSITS
Opening Date : 23/09/2018
Last Tr. Date : 02/05/2024
Phone : 01834145995
Mobile No. : 01745530957
Account Status : ACTIVATED

Date	Code	Cheque / Instr.	Particulars	Debit	Credit	Balance
02-05-2024	102	V-	FUND TRANSFER FROM GL 0002650000000 TO A/C 0271010005401 BY NPSD. WEB ON DATE 02-MAY-24 WITH ERN 001894503254	0.00	2,30,000.00	66,35,075.48
02-05-2024	201	0177860	CASH WITHDRAW Mehedi hasan	1,60,000.00	0.00	64,75,075.48
Total :				8,78,57,547.40	9,38,44,056.51	

Authorized Signature

101 : Cash Credit, 102 : Transfer Credit, 103: Clearing Credit, 201 : Cash Debit, 202 : Transfer Debit, 203: Clearing Debit

Prepared by : ABABUL, Developed by : Millennium Information Solution Limited

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THANK YOU



House 08, Road 31, Sector 07, Uttara, Dhaka - 1230
Phone: 01750365538, 01745530957, 01847538604, 01834145995
E-mail: bestdwelleng@gmail.com, faruk@bestdwelleng.com