

**F. No. K-14011/10/2019 -UT-V**  
**Government of India**  
**Ministry of Housing and Urban Affairs**  
**Urban Transport Division**  
**(UT-V Desk)**

**311-B, Nirman Bhawan, New Delhi.**

**Dated: 5<sup>th</sup> May, 2020.**

To,

**MD's of all the Metro Rail Corporations (as per the list attached).**

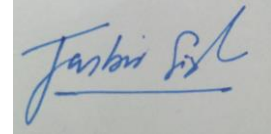
**Subject: Public Procurement (Preference to Make in India) (PPP-MII) Order, 2017 - List of items which are to be procured from indigenous suppliers.**

Sir/Madam,

I am directed to enclose herewith a list of items where there is sufficient local capacity and competition and where public procurement shall be done only from local suppliers in terms of clause 3(a) of PPP-MII, Order 2017 dated 29.05.2019 for Traction & Substations, E&M Works, Signalling and Rolling Stock. The list will be reviewed from time to time by the Ministry. All the Metro Rail/ RRTS Corporations are requested to ensure compliance in the relevant procurements of Metro components made by them.

Encl : As above.

Yours Sincerely,



(Jasbir Singh)

Under Secretary to the Govt. of India

Tel: 011-23062285

**Copy to (for information):**

- i. Secretary, Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce And Industry, Udyog Bhawan, New Delhi <secy-ipp@nic.in>
- ii. US (Public Procurement Section), DPIIT <dvsp.varma@nic.in>

**Annexure-I**

<b>S.No.</b>	<b>Items Description</b>
<b>A.1</b>	<b><u>RSS, AC Traction and DC Traction substations</u></b>
1	EHV, HV, LV and Control Cables
2	EHV, HV, LV Switchgears
3	Vaccum Insulated Switchgear
4	Air Insulated Switchgear
5	Battery Chargers
6	Batteries
7	Transformers
8	Fire protection System
9	Control Relay Panel
10	Conductor wires
<b>A.2</b>	<b>Flexible Overhead Catenary Systems (Viaduct)</b>
11	Catenary, Return conductor, Buried conductor, Overhead Power Conductor
12	Bracket assembly/ OHE Mast/ Insulators for 25 kV Overhead Catenary System (viaduct)

**Annexure-II**

<b>B. <u>E &amp; M Works</u></b>	
<b>S.No.</b>	<b>Items Description</b>
1	Low voltage switchboard panels
2	Distribution Boards
3	MV cabling
4	Busducts
5	Wiring
6	Conduits, Cable Tray and Race ways
7	Lighting
8	Protective Earthing
9	Lightning protection
10	Fans
11	UPS
12	DG set
13	Fire Alarm
14	Fire hydrant system
15	Piping for fire fighting system
	Air Handling Units
	Water Piping system
	Grills/diffusers/nozzles
	Cooling tower
16	Lifts

## Annexure-III

**B1. Signalling**

Item No.	Description
1.	Depot Point Machine with other accessories: High thrust, trailable Point machine
2.	3 aspect, Shunt, Buffer light and route indicator singnals with accessories
3.	Power Distribution Cubicle with accessories for Interlocking stations, Secondary stations(station with object controller)
	Secondary stations (Non Interlocking Station)
4.	Control terminal with VDU display and associated accessories: Interlocking VDU
5.	Junction boxes for Signals and Point Machines
6.	Earthing material per station/depot
7.	Maintenance workstation at OCC, station
<b>Power Supply Arrangement for Main Line &amp; Depot equipment</b>	
1.	All type of UPS
2.	VRLA maintenance free batteries
3	Spare cell charger
4	Indoor & Outdoor DATA and power Signalling Cables

**Annexure-IV**

<b>Rolling Stock</b>	
<b>S. No.</b>	<b>Mandatory Items</b>
1	Pantograph with base insulators and its control panel
2	Vacuum Circuit Breaker
3	HV cable and Surge arrestor
4	Transformer
5	Auxiliary Converter (SIV)
6	Electrical Coupler
7	Heating, Ventilation and Air-Conditioner (HVAC)
8	Driver Desk Panel
9	Ni-Cd Battery
10	Battery Box
11	Headlights
12	Luminaries
13	LED Head Light & Saloon Light
14.	Stainless Steel sheets
15	Axle Brake System
16	Axle Bearing
17	Axle Box with earth return brush
18	Gear Drive
19	Bogie Frame
20	Wheel Flange lubricator
21	Pneumatic Pipings - Stainless Steel
22	Air Reservoir for Secondary Suspension
23	FRP Panels
24	FRP Passenger Seats and Air Duct
25	All types of Glasses (Set of glasses of Door, Window & Windshield glass for 1 trainset)