TENDER FOR SIGNAGES AND ALLIED WORKS AT BARODA APEX ACADEMY, AHMEDABAD

TECHNICAL SPECIFICATION OF BUILDING SIGNAGES

BANK OF BARODA,

Baroda Apex Academy Building,

Udhyog Bhavan, Sector – 11,

Gandhinagar – 382001, Gujarat

Item No.1

SS powder coated letters with Led lights:

Supply and fixing of 18 gauge Stainless Steel plates with water jet cutting of grade 304 signage of required size and letters duly bordered . painted of as per required colour/ approved colour (powder coated)) of approved brand and filling with required matt/ mirror finish polish on base and border with shining polish of required shade and colour and duly fixed with required nos of rawls plugs stainless steel screw/ double side tape of 3M make/ nut bolt/ spacer required nos of holes, wherever required complete as per direction of Unit In charge.

Material

- SS letters : Stainless Steel (304), SS Company : Jindal or equivalent, Material Thickness: 1 mm, Finish Type: Polished/Brushed, Letter Type: Hollow, Letter Depth: 25 mm , Mounting hardware : Studs, Powder coated letters as per preferred colour.
- LED Module: Osram, LT, GE with an efficiency of 100 lm/w and with Water Proof, IP 65 GRADE, and shall have LM79 and LM80 certification against degradation. Overlap between LEDs must be minimum to prevent dark bands. The lighting should be uniform & even throughout the box. 3 Chip Led Module: 0.7 to 0.72 Watt per module ,6500 kelvin, Operating voltage of 12V DC
- Led driver : OEM make of Led module , Driver Wattage : 30W-300W, Protection class – IP67, Overvoltage protection : Shut down and Auto restart
- Warranty certificate : Converter should submit 5 year Online warranty certificate on Led modules and Driver issued by Principal original Manufacturer
- ISI marked PVC insulated flexible copper wires of Polycab / RR cable 1.5 Sq.mm to be used for connections.

Mode of Measurement:

- The measurement for payment shall be **in Sq. ft**. The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.2

SS powder coated letters without Led lights:

Supply and fixing of 18 gauge Stainless Steel plates with water jet cutting of grade 304 signage of required size and letters duly bordered. painted of as per required colour/ approved colour (powder coated)) of approved brand and filling with required matt/

mirror finish polish on base and border with shining polish of required shade and colour and duly fixed with required nos of rawls plugs stainless steel screw/ double side tape of 3M make/ nut bolt/ spacer required nos of holes, wherever required complete as per direction of Unit In charge.

Material

- SS letters : Stainless Steel (304), SS Company : Jindal or equivalent, Material Thickness: 1 mm, Finish Type: Polished/Brushed, Letter Type: Hollow, Letter Depth: 13 mm , Mounting hardware : Studs, Powder coated letters as per preferred color. (BOB Name with logo in front elevation at 8/9th floor). The rate shall be inclusive of scaffolding /lift/ jhula safety tools etc. (Up to all floor & all level for outer signage).

Mode of Measurement:

- The measurement for payment shall be **in Sq. ft**. The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.3

Supply and fixing of 18 gauge Stainless Steel plates with water jet cutting of grade 304 signage of required size and letters duly bordered . painted of as per required colour/ approved colour (powder coated) of approved brand and filling with required matt/ mirror finish polish on base and border with shining polish of required shade and colour and duly fixed with required nos of rawls plugs stainless steel screw/ double side tape of 3M make/ nut bolt/ spacer required nos of holes, wherever required complete as per direction of Unit In charge.

Material

- SS letters : Stainless Steel (304), SS Company : Jindal or equivalent, Material Thickness: 1 mm, Finish Type: Polished/Brushed, Letter Type: Hollow, Letter Depth: 13 mm , Mounting hardware : Studs, Powder coated letters as per preferred color. (Up to all floor & all level for inner signage)

Mode of Measurement:

- The measurement for payment shall be **in Sq. ft**. The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.4

Supply and fixing of SS- 304 (Jindal make) etching plate of required size complete with message. Matter will be and duly fixed with required nos of rawls plugs stainless steel screw/ double side tape of 3M make/ screw required nos of holes, wherever required complete as per direction of In-charge.

Mode of Measurement:

- The measurement for payment shall be **in Sq. inch**. The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.5

Supply and fixing of SS- 304 (Jindal make color Vinyl (3M India Ltd./ Avery Denison Make) plotter cut of required size complete with message. Matter will be and duly fixed with required nos of rawls plugs stainless steel screw/ double side tape of 3M make/ screw required nos of holes, wherever required complete as per direction of In-charge.

Mode of Measurement:

- The measurement for payment shall be **in Sq. inch**. The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.6

Supply and fixing of SS- 304 SS Golden- brush / matt finish (Jindal make) etching plate of required size complete with message. Matter will be and duly fixed with required nos of rawls plugs stainless steel screw/ double side tape of 3M make/ screw required nos of holes, wherever required complete as per direction of In-charge.

Mode of Measurement:

- The measurement for payment shall be **in Sq. inch**. The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.7

Supply and fixing of SS- 304 SS Golden- brush / matt finish (Jindal make color Vinyl (3M India Ltd./ Avery Denison Make) plotter cut of required size complete with message. Matter will be and duly fixed with required nos of rawls plugs stainless steel screw/ double side tape of 3M make/ screw required nos of holes, wherever required complete as per direction of In-charge.

Mode of Measurement:

- The measurement for payment shall be **in Sq. inch**. The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.8

Supply and fixing of 3mm thickness Acrylic (Astari/UB) plate for Base with 5mm thick acrylic laser cut letters pasted above it and with backside 3M double side tap/ mirror screw for installation. Acrylic color code as per Banks approved color code. Fixed with required nos of rawls plugs stainless steel screw/ double side tape of 3M make/ screw required nos of holes, wherever required complete as per direction of In-charge.

Mode of Measurement:

- The measurement for payment shall be **in Sq. ft**. The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.9

Supply and fixing of Name Plate : Aluminum wall mounted profile plates with double sided endcaps (Company : Cosign make) with 3M vinyl cut paste above it. Fixed with required nos of rawls plugs stainless steel screw/ double side tape of 3M make/ screw required nos of holes, wherever required complete as per direction of In-charge.

Mode of Measurement:

- The measurement for payment shall be **in Sq. inch**. The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.10

Providing & fixing of emergency sign boards single side of required size made of Photo luminescent film having glow power of 4 hours with message and graphics to be screen printing / vinyl cut film of 3M / Avery Denison / LG / Oracle or equivalent make to be pasted on 3mm thick Sun Board sheet all complete and duly fixed with required numbers of rawls plugs stainless steel screw/ double side tape of 3M make required nos of holes, wherever required complete as per direction of Unit In charge.

Mode of Measurement:

- The measurement for payment shall be **in Sq. inch**. The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.11

Providing and Fixing 10mm Aluminum Profile with 15 micron silver anodize Aluminum 1.50mm wall thick, 3mm Groove for Acrylic (for sign matter) 4 corner with S. S. Screw.

Mode of Measurement:

- The measurement for payment shall be **in Sq. inch**. The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.12

Providing and fixing 4 inch Emboss LED letters - Aluminum channel 1.2mm to 1.1 mm thickness, side wall PU paint with Back side ACP tray 0.18 micron and side wall 0.70 micron. Front side Acrylic Sheet 2.75 mm Back side ACP Tray on LED (Front Glow LED Emboss Letters), Letter Height 48 inch.

Mode of Measurement:

- The measurement for payment shall be in **Numbers** (Each). The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.13

Supply and Installation of SPEED BREAKER PLASTIC (250mm x 50mm x 350mm with 16holes/mtrs. Line Design AntiSkid pattern for Grip with the reflectors on the both sides. Per mtr(2 black and 2 yellow).Fitting with concrete mixture & bolting.

Mode of Measurement:

- The measurement for payment shall be in **Rmt.** The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.14

Supply and Installation of SPEED BREAKER PLASTIC END CAP (250mm x 50mm x 350mm).Fitting with concrete mixture & bolting.

Mode of Measurement:

- The measurement for payment shall be in **Numbers** (Each). The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.15

Supply and Installation of CONVEX MIRROR (ABS Plastic and mirror made of back frame made of unbreakable polycarbondate) - 32" Inch (800mm) Fitting with wall mount kit, Per Kit 4 Holes Bolt Size - 6 x 50 Jarsi Bolt

Mode of Measurement:

- The measurement for payment shall be in **Numbers** (Each). The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.16

Supply and Installation of 3M ROAD STUD/CAT EYE REFLECTOR. Fitting with chemical & bolting, Per Pic 1 Holes & 6mm x 50mm bolt.

Mode of Measurement:

- The measurement for payment shall be in **Numbers** (Each). The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

<u>Item No.17</u>

Supply and Installation of RUBBER CORNER GUARD(90 x 90 x 6 mm) 800 MM hight with yellow reflective strips with rubber materials. Fitting with size 45 x 10 screw with size 35 x 10 Roll Plug, Per Pic 3 Holes.

Mode of Measurement:

- The measurement for payment shall be in **Numbers** (Each). The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

<u>Item No.18</u>

Supply and Installation of YELLOW PAINT Demarcating Patta for Vehicle Parking (Oil Paint with primer) with materials & Labour Cost. Good Company Colour Paint & Primer should be used. Approval for Client is Required on colour paint & primer Make. Width 150mm Standard size, Car Size 15 x 7.5ft, Two wheelar Size 7 x 2.5/3ft. 1Coat Primer , 2 Coat Paint)

Mode of Measurement:

- The measurement for payment shall be in **Rmt.** The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.19

Supply and Installation of YELLOW PAINT Demarcating Patta for Vehicle Parking without Material only Labour Cost. Width 150mm Standard size, Car Size 15 x 7.5ft, Two wheelar Size 7 x 2.5/3ft. 1Coat Primer , 2 Coat Paint)

Mode of Measurement:

- The measurement for payment shall be in **Rmt.** The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.20

Supply and Installation of TRAFFIC CONE (700mm x 365mm x 50mm) with reflective strips & Rubber Base and chain attaching facility on the traffic cone

Mode of Measurement:

- The measurement for payment shall be in **Numbers** (Each). The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.21

Supply and Installation of TRAFFIC CONE CHAIN 'S' Shape Chain - PVC Materials

Mode of Measurement:

- The measurement for payment shall be in **Rmt.** The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.22

Supply and Installation of SPRING POST(Base 75mm x L 750MM) with centre three reflective band(Yellow/ White) Fitting wih Epoxy, Size 12mm x 150L MS bolt with crome, Per Pic 3 Holes.

Mode of Measurement:

- The measurement for payment shall be in **Numbers** (Each). The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.23

Supply and Installation of TREE GUARD WITH PLASTIC REFLECTORS(Round Size 150mm size).Fitting with 38 x 8 Screw with 35 x 10 roll plug, Per Pic 2 Holes

Mode of Measurement:

- The measurement for payment shall be in **Rmt.** The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.

Item No.24

Supply and Installation of CAR STOPPER WITH HOLE TYPE (L)500mm x (H)160mm x (W)150mm Fitting with Epoxy, 12mm X 150L MS Bolt with crome, Per Pic three holes.

Mode of Measurement:

- The measurement for payment shall be in **Rmt.** The unit rate includes all floor and all level, the cost of transportation, material, installation as directed by Engineer-in-charge.