

# ACCESS AUDIT REPORT



**VIKAS KHAND, BHITARGAON  
KANPUR, UTTAR PRADESH**

: Prepared By:



**Association for Disabled People**  
(New Delhi)

**Pradeep Raj**  
(Gen. Secretary)  
Mob: +91-9350164514.  
E-mail: disabledpower@yahoo.in

## INTRODUCTION

This refers to Accessible India Campaign (Sugamya Bharat Abhiyan) launched by the Department of Empowerment of Persons with Disabilities (DEPwD), Ministry of Social Justice & Empowerment (MSJE), as a nationwide campaign for achieving accessibility for persons with disability based on Universal Design principles.

We are doing access audit for accessibility for persons with disabilities at Kanpur (UP).

### **Audit Team :**

S.No.	Name	As
1.	Manoj	Architect (Wheelchair user)
2.	Ashish Gupta	Architect
3.	Gyanshu Gautam	Access Auditor
4.	Sanjeev Kumar	Access Auditor
5.	Vijay Singh	Volunteer

# INDEX

CONTENT	PAGE NO:
OBJECTIVE	4
PRINCIPLES OF AUDIT	4
INTRODUCTION OF BUILDING	5
ACCESS AUDIT (OBSERVATION AND RECOMMENDATIONS)	6-16
SUMMARY	17-20
RATING RECOMMENDATIONS	21-22
VENDOR LIST	23-24

## **Objective :**

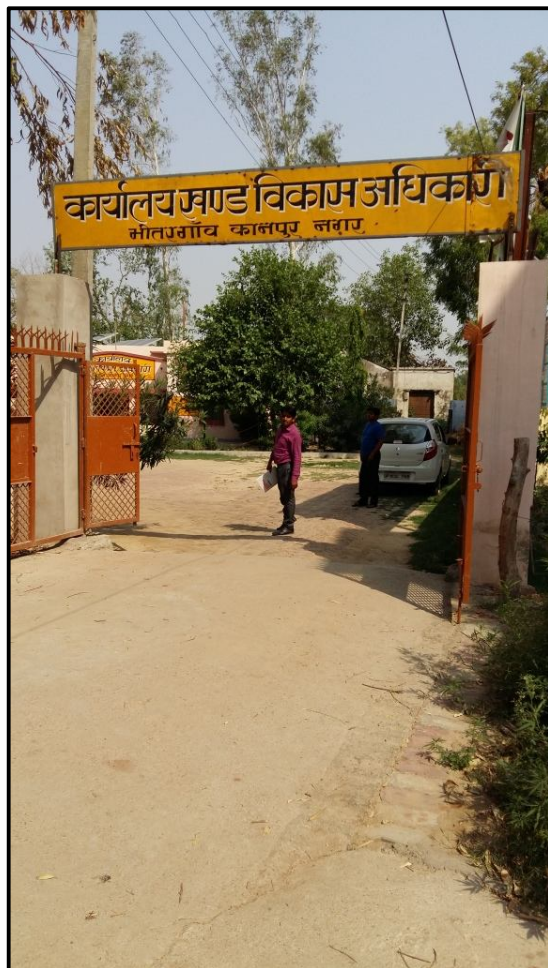
The objective of the campaign is to create mass awareness for accessibility, which will enable persons with disabilities to live independently and participate fully in all aspects of life. The buildings being audited shall be judged for the accessibility based on standards and the identified barriers will be looked into to enhance accessibility.

## **PRINCIPLES OF THE AUDIT**

The Access Audit has been undertaken to appraise defined areas of the existing buildings/building to access the extent of accessibility to services and facilities and propose the extent of works required to improve the current facilities in accordance with the definitions of the Disability Discrimination Act 1995. The audit takes into account the needs of people with mobility impairments (including wheelchair users) and sensory impairments. The audit will identify physical barriers to access against pre-determined criteria. The audit should be treated as the starting point of an ongoing access plan, constantly updated by the committee. This audit should only be seen as snapshot of the position at the time of the report. Changes made after the site inspection may improve or reduce levels of accessibility. As the DDA evolves, so will buildings, and review of audits already completed should be considered on a periodic basis. The DDA is not compliance-based legislation and relates to discrimination, not directly to buildings and physical standards.

## **Introduction of Building:**

**VIKAS KHAND, BHITARGAON  
KANPUR, UTTAR PRADESH**



Vikas Khand, Bhitargaon, Kanpur is established in 1999. The building acquires 1.2 acres of land with administrative building. the total strength of staff is 13 with one PWDs staff (OH).

We visited the institution on 6<sup>th</sup> June 2016 for access audit with our team members along with Rakesh Kumar

The B. D. O. is Mr. Ashok Kumar Gupta (09451175038)

**ACCESS AUDIT OBSERVATIONS ANDRECOMMENDATIONS**

## EXTERNAL ENVIRONMENT

### Observations:-

- The building is accessed by one main gates meant for vehicular and pedestrian entry and exit.
- There is no security post at main entrance gate.
- There is no pedestrian walkway in the building that is separated from the vehicular roads
- There is no proper signage's to overall premises of the building such as location map, general signage, building signage, & directional signage anywhere.



**NO SIGNAGES AT ENTRANCE GATE**



- There is no designated parking for staffs & visitors for two wheelers as well as four wheelers they can park anywhere also no reserved car or two wheeler parking for persons with disabilities. This should be allocated as per the accessibility guidelines.
- Distance between the buildings in the premises was very long & the road was rough & damaged.



ROUGH ROAD

- The drinking water facility around the building was not good condition & was unhygienic, there is hand pump, No provision for person with disability as per the accessibility guidelines.
- The stage is in open space and not accessible for PWDs, there is no ramp and railing, three steps are there height is 200mm/300mm



**Hand Pump**



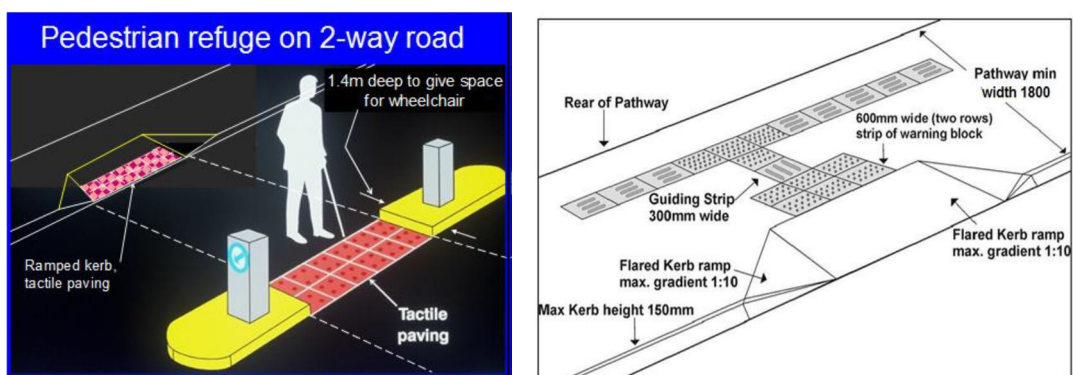


## Recommendation / Priority:

- It's a large scattered building it is recommended to have reserve parking for person with disabilities close to building entrance (30-50 Mtrs.) as per the accessibility guidelines.



- Provision for pedestrian pathway along with the road. There should be tactile strip along with the pedestrian pathway for the visually impaired.



- Provide external signage's near entrance gate, and main G.T. road



**Site Map**



**Direction Identification Information**



- Implementation as part of specific regular maintenance/renewal.
- Install accessible drinking water cooler facility around the building for person with disability as per the accessibility guidelines.

## INTERNAL ENVIRONMENT

### Observations:-

#### **Administrative Block**

- There is no reception counter found, there is no general signage's at the building, guiding the user to various sections/departments. This is crucial for persons with hearing impairment.
- No Braille signage's found in whole building area.
- It was observed that staff was sensitized towards persons with disabilities.
- There is a broken threshold found to the office in this building entrance 70mm.
- Emergency evacuation instrument was not found as per the schedule.
- Emergency evacuation maps and overall scheme for emergency evacuation was not found anywhere in building at all.



**No signage in everywhere**



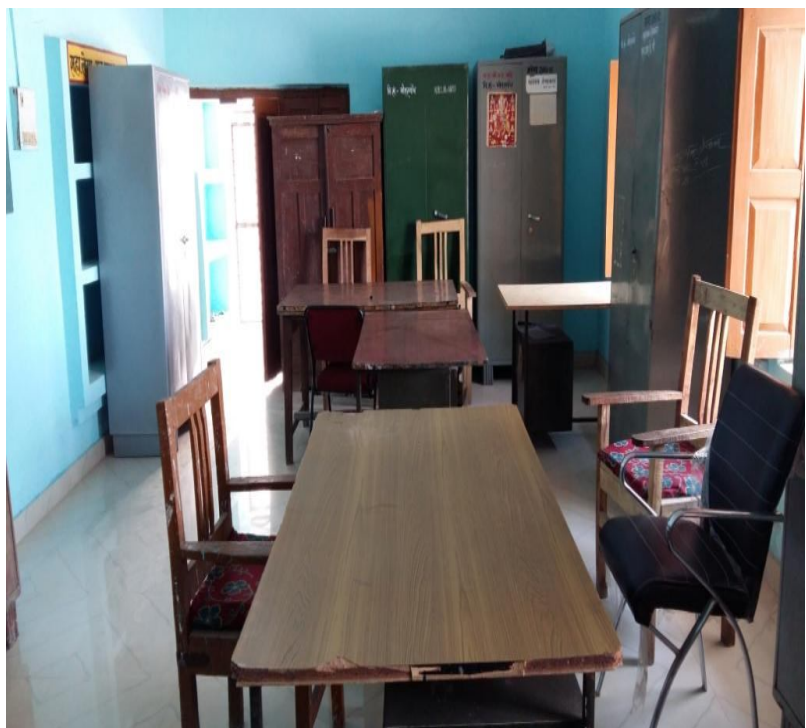
➤ There is no signage's for horizontal circulations such as corridor, lobby & for vertical circulations sanitary facility such as toilets, wash room shower area with no signage.

➤ There were no handrails found in the whole building, particularly the corridors and lux level is very low (60). These are useful for persons with vision impairment.

➤ In whole office furniture was not as per the guideline, table height 760mm, and no toe and knee space,

➤ Electrical controls (switch boards) is high level height is 1650mm.

➤ In office room no space for circulation for PWDs. circulation space is 580mm, door handle height 850mm.



**Inaccessible Office furniture, heightened switches board, low lux level, etc.**



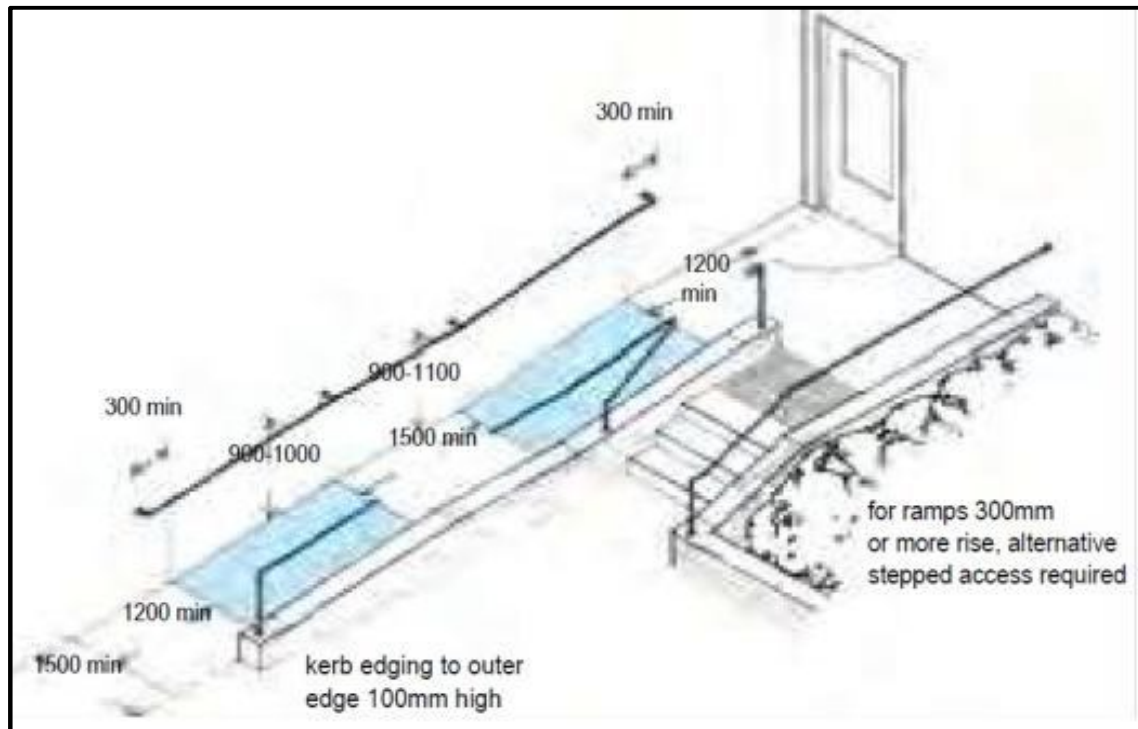
- No accessible toilet for PWDs in the Building. Toilets in office block were in very Bad condition & not maintained at all. Door width is 400mm it is required minimum 900mm, no circulation space in toilet.
- There is a ramp leading to the corridor which was not as per the accessibility guidelines i.e. 1:12 / 15 gradients. Present ramp is at 1:7 with no handrails on both sides & tactile marking. No railings on both sides, no tactile strips.



## **Recommendations:-**

### **Administrative Block**

- Provide general signage's for PWD's at entrance lobby with reception counter.
- Provide Braille signage's at every entrance block as well as external entrance gates.
- A general sensitization lecture is needed to be conduct with training program towards awareness to PWD's for staff.
- provide ramp at entrance in main building leading to corridor as per the accessibility guidelines.
- Provide directional signage's for Horizontal & vertical circulations.
- Provide handrails & grand bars in corridors, staircase & landings as per the PWDs guidelines.
- Needs to improve maintenance of emergency & evacuation system.



**RAMP DESIGN AS PER GUIDLINE**

- Floor tiles of rooms should be adequately the beveled with corridor.
- No barrier obstruction should be present in the circulation area of the building.
- Entrance thresholds at the ramp of office needs to be repaired and adequately beveled.
- To facilitate the way finding for persons with visual impairment, surfaces and finishes with luminous contrast between the wall and the ceiling, and between the wall and the floor should be adopted. Appropriate lighting design with adequate illumination should also be considered.

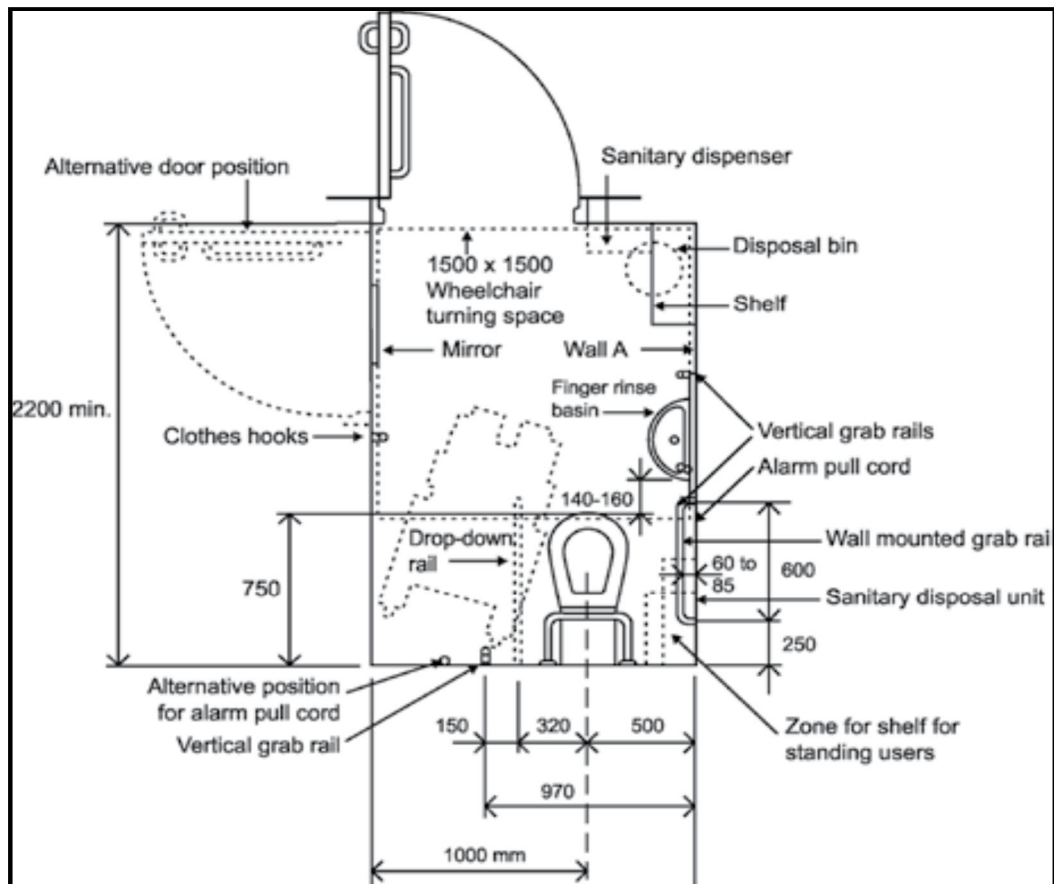
Sufficient level of illumination shall be provided in order to help people to apprehend the physical environment of the space they have entered or to move around safely.

Provide adequate required amount of luminance as per the guidelines in workshop so that jobs can be done easily. Working areas of a building should have an illumination level of not less than 120 lux measured at the finished floor level.

- There should be some such arrangement in office for some adjustable furniture for the PWDs which can be easily accessible to them.
- Provide ramp gradient as per following table.

Level difference	Minimum gradient of Ramp	Ramp Width	Handrail on both sides	Comments
≥ 150 mm ≤ 300 mm	1:12	1200 mm	√	
≥ 300 mm ≤ 750 mm	1:12	1500 mm	√	Landings every 5 meters of ramp run.
≥ 750 mm ≤ 3000mm	1:15	1800 mm	√	Landings every 9 meters of ramp run.
≥ 3000 mm	1:20	1800 mm	√	Landings every 9 meters of ramp run.

1. Provide at least one separate toilet in each floor & Geyser at higher level so that it would not harm anyone or PWDs.



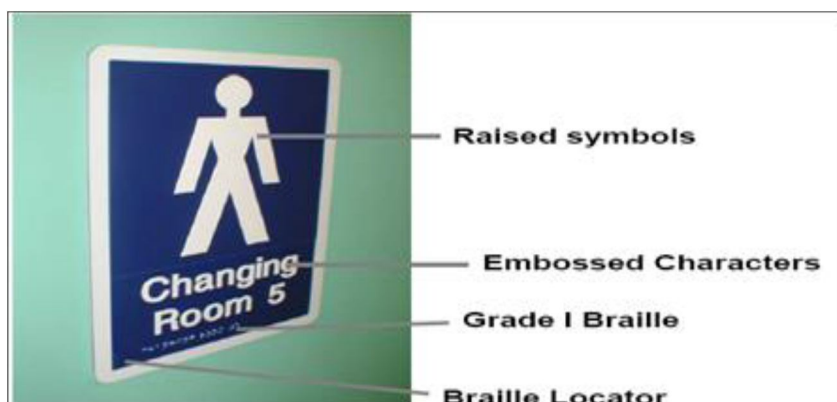


## SUMMARY

---

1. Provide proper signage for ramp in all internal building.
2. Provide reception counter with sign language interpreter in the entrance foyer.
3. Implement immediately to eliminate a serious barrier or hazard to access and use of the internal premises of all buildings.
4. Implement as soon as possible to improve access.
5. Plan adaptation work to be implemented to suit identified building users requiring adaptations to be made.
6. Implementation as part of specific regular maintenance/renewal.
7. Provide directional signage's for activities Horizontal & vertical circulations.
8. Provide handrails & grand bars in corridors, staircase & landings as per the PWDs guidelines.
9. Needs to improve maintenance of emergency & evacuation system.
10. Provide beveling to cater to level differences at each doors& Remove Channel gate barriers at floor level.
11. Vision glass of door panel should be at accessible level for the wheel chair users.
12. No hurdle / obstruction should be there in foyer & corridors such as air cooler, window panels, potted plants, electrical wires & pipes.
13. Handrails & grab bar should be as per the standards.
14. Provide elevators for free accessibility of PWDs at every staircase locations.
15. Provide accessible website proving information about the building/service complies with web accessibility standards.
16. Provide all information detailing the accessible facilities in the building with photographs.

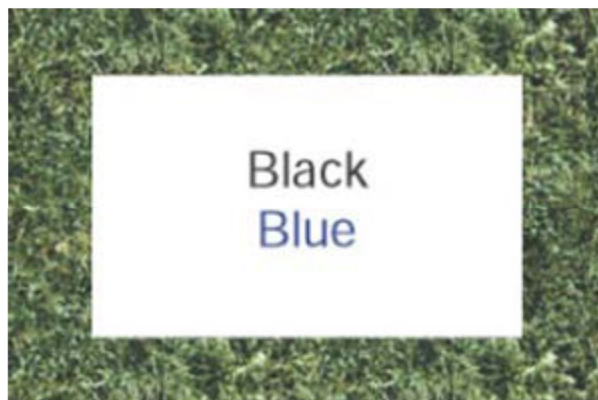
17. Provide all publications/brochures in alternate accessible formats such as:
- Braille
  - Large Print
  - Audio
  - Pictorial (wherever possible)
  - Easy-to-read
  - Plain language
  - Available in Hindi& English
  - Accessible Electronic formats that can be shared over email or mobile.
18. Provide printed service related documents such as forms, menu cards, etc. are in accessible formats.
19. Need to train the staff members in basic Indian sign language. Sign language interpreters should be available on call.
20. Need to train the staff to assist persons with disabilities, including persons with learning disabilities.
21. Need to train the staff disability sensitization sessions are part of the staff induction programme.
22. Common alternative formats can be used to assist people with visual impairments who are best able to interpret information through hearing or touch, embossed letters with Braille (Audio/ Visual information, Maps and models).



23. Information from signs can be conveyed by the colour of lettering and brightness differentials between the letter and background colours. Safety signs use primarily red, yellow and green as information colours. For other signs it is preferable to use Blue and White Colours.

24. Basic principles for Colour Contrast:

- ☐ Text should contrast with sign background
- ☐ Sign should contrast with environment
- ☐ Light levels (measured in Lux)
- ☐ 70% contrast between wall and sign panel
- ☐ Avoid shades of colours
- ☐ Avoid using same colours as safety signs
- ☐ Non-reflective surface



25. Provide tactile marking in the campus including pathways ,entrance corridors, ramps, staircase & internal corridor.



**Tactile path at pathways**



**Tactile tiles at corridors & Rooms**








26. Provide Evac chair at each floor in case any type of emergency for the PWDs.









**Evac chair for Emergency**



## Rating of Recommendations:

Recommendations	Priority Symbol
Provide proper signage for ramp in all internal building.	
Implement immediately to eliminate a serious barrier or hazard to access and use of the internal premises of all buildings.	
Implement as soon as possible to improve access	
Implementation as part of specific regular maintenance/renewal	
Provide directional signage's for activities Horizontal & vertical circulations	
Provide handrails & grand bars in corridors, staircase & landings as per the PWDs guidelines	
Provide beveling to cater to level differences at each door & Remove Channel gate barriers at floor level.	

No hurdle / obstruction should be there in foyer & corridors such as air cooler, window panels, potted plants, electrical wires & pipes.	
Handrails & grab bar should be as per the standards.	
Provide elevators for free accessibility of PWDs at every staircase locations.	
Provide tactile marking in ramps staircase & corridor	
Implement immediately to eliminate a serious barrier or hazard (Air cooler, Potted plants, storage cupboards, unused furniture, dogs incirculation corridors) to improve access and use of the building.	
Provide one unisex toilet in building premises	

\*\*\*\*\*

## RECOMMENDED VENDORS FOR ACCESSIBILITY PRODUCTS

### Tactile Paver Blocks –

S. No.	Name of the Vendor	Contact
1	<b>Ability Creation</b>	A-89, Street 8, Jagat Puri, Krishna Nagar, Delhi-110051, Mob: 8447486858 Email: abilitycreationindia@gmail.com
2	<b>Vyara Tiles Pvt. Ltd.</b>	Head Office, S -1, Shankheshwar Complex, +91-261-3017000 +91-261-2471595, +91-261-2472444 +91-261-2478878 E-Mail info@vyaratiles.in
3	<b>Shree Jee Tiles</b>	Nitin Sharma (CEO) VPO Siddipurlova, Tehsil Bahadurghar, District Jhajhar Bahadurgarh - 124507, Haryana, India, Call Us: 08377805491, Mobile: +(91)-9729351013, +(91)-8053980488 <a href="http://www.shreejeetiles.in/tactile-tiles.html">http://www.shreejeetiles.in/tactile-tiles.html</a>

### Tactile Strips –

S. No.	Name of the Vendor	Contact
1	<b>Ability Creation</b>	A-89, Street 8, Jagat Puri, Krishna Nagar, Delhi-110051, Mob: 8447486858 Email: abilitycreationindia@gmail.com
2	<b>Tarkett Flooring India Pvt Ltd</b>	460 Krishna Temple Road, Off CMH Road, Indira nagar, Bangalore 560038 Phone: +91 80 4130 3793, E-mail: saleswestasia@tarkett.com

### Grab Bars –

S. No.	Name of the Vendor	Contact
1	<b>Ability Creation</b>	A-89, Street 8, Jagat Puri, Krishna Nagar, Delhi-110051, Mob: 8447486858 Email: abilitycreationindia@gmail.com
2	<b>Euronics</b>	<b>Corporate Office:</b> Euronics Industries Pvt. Ltd. 567, Udyog Vihar, Phase - 5, Gurgaon - 122016, Haryana <b>Email:</b> in@euronics.co.in, Call: 08010930930 (All India) Email: service@euronics.co.in, Call: 8010900300, Toll Free: 1800 102 7731, Sales/Operations: vik@euronics.co.in,
3	<b>Pedder Johnson (can be considered for medical room examination beds too)</b>	Parvez Shaikh (Manager) 318, Swastik Chambers, Sion Trombay Road, Mumbai – 400071, Maharashtra, India Telephone: +(91)-(22)-25228857, +(91)-(22)-25228858 Mobile : 08376807872, +(91)-8879179696

### Accessibility Lifts –

S. No.	Name of the Vendor	Contact
1	<b>Mass Lift, P. Padmanabhan (CEO) Hydraulic lift India</b>	New No. 1, Old No. 19A, Sathyamoorthy Street, Devaraj Nagar, Near Sankara Narayana Temple, Saligramam, Chennai - 600093, Tamil Nadu, India Call Us: 08588837814, Mobile: +(91)-9884970377 +(91)-9176148407, Telephone: +(91)-(44)-23765988

### Evacuation Chair –

S. No.	Name of the Vendor	Contact
1	<b>MerquiriMedica</b>	Head Quarters: Plot No. 8, 1st Floor, Jupiter Colony, Sikh Road, Secunderabad, Telangana, India - 500 009, Email: sales@merquirimedica.com Phone: 040-2772-2772, 073822-05500, 076809-95500
2	<b>Globex Europe Limited</b>	Unit C5 Atria Court, Sterling Way Papworth Everard, Cambs , CB23 3GY, United Kingdom T: + 44 (0) 1480 839988, F: + 44 (0) 1480 830033, <b>Spain:</b> T: + 34 96 575 6216 W: <a href="http://www.globexchairs.com">www.globexchairs.com</a> , W: <a href="http://www.globexeurope.co.uk">www.globexeurope.co.uk</a> E : sales@globexchairs.com , Skype: globex.chairs

### Braille Signage –

S. No.	Name of the Vendor	Contact
1	<b>Braille Signs India</b>	FF 3 GARMENT COMPLEX RAJAJINAGAR INDUSTRIAL ESTATE, BANGALORE , KARNATAKA 560010 ph: 9341804448, alt: 9986634448, Email: ggk48@hotmail.com

### Pull Bar Handle for unisex accessible toilets –

S. No.	Name of the Vendor	Contact
1	<b>Ability Creation</b>	A-89, Street 8, Jagat Puri, Krishna Nagar, Delhi-110051, Mob: 8447486858 Email: abilitycreationindia@gmail.com
2	<b>Doorwin</b>	Head Office, Preety Jha ( Manager Sales ) 11/74 3rd Floor SubhashNagar ,New Delhi 110027 India. Phone : +91-11-25490368,Mob 09910444554
3	<b>GEZE India Private Ltd.</b>	MF2 & MF3, Guindy Industrial Estate, Ekkathuthangal, Chennai 600 097, Tamilnadu, India Phone: +91 44 40616900, Fax: +91 44 40616901 Email: office-india@geze.com