**PROPOSED SELF-SUSTAINED**

**ACCESSIBLE RESIDENTIAL-CUM-EDUCATIONAL-CUM-REHABILITATION CENTRE**

The biggest worry of the parents of children with disabilities is who will look after them after their death. The siblings or the extended family are unlikely to look after them, especially in urban areas where families have mainly become nuclear with no one to fall back upon. Government, with its limited resources, can’t provide sufficient alternative care facilities. We at Brotherhood and Chanderbhan Memorial Charitable (CMC) Trust (Refer organizations) understood the anxiety of the families about the future sustenance of these children, planning to set up a residential-cum-Educational-cum-rehabilitation Centre facility for adults and children with disabilities for short-term/lifelong settlement.

The main objective of the residential Centre will be to provide appropriate residential care and necessary training and support services to persons with disabilities who cannot live independently to improve their quality of life and help them develop independent living skills. In addition, a special day-boarding school will be set up to cater to the short-term/long-term boarding needs of students with disabilities and to facilitate them to receive school education.

The Centre will identify and train the persons with disabilities in various vocations and provide all facilities to set up small business individually and in group of 5 to 10 persons with disabilities.

We strive to achieve the above objective by carrying out the following measures:

1. To provide a wide range of residential services for persons with mild/severe/moderate disabilities aged 18 or above who cannot live independently in the community. Apart from accommodation and meals, daily living skills training and social and recreational activities will be provided to residents
2. To provide nursing services to residents with disabilities in hostels;
3. Apart from accommodation, meals and nursing service, services like intensive personal care, living skills training, physiotherapy, occupational therapy, and social and recreational activities will also be provided to all residents with disabilities
4. To provide guidance and assistance services for residents in performing some domestic tasks and daily activities will be provided to develop their independent living, social and communication skills and enable them to maintain contact with their families and the community;
5. To set up state-of-the art residential units for providing comprehensive lifelong residential care where persons with disabilities from across the country can stay with care, love and dignity.
6. The Centre will provide aids, appliances and assestive devices/Assitive Technologies as per required by each persons with disabilities
7. The Centre will provide Each person with disability Teachinglearning material as per their needs
8. Large airy and natural light lit rooms as per the specifications of the competent authorities
9. The building will be accessible for all
10. Open area for sports and recreation activities
11. To equip 75-85people with special needs and necessary life skills to lead a normal, dignified life in a caring environment and utilize their potential.

Proposed facilities

• A self-contained complex in about 3.5 acres of land in a quiet location

• Well-furnished Centre/ units as living accommodation

• Therapy room

• Dispensary

• Music room

• Recreational room

• Multipurpose hall

• Conference room

• Admin/ office

• Multiple indoor and vast outdoor area for various social and entertainment activities

• Court yard serving as play area

• Gardening and herb culture

• Key Staff Accommodation

• Water conservation through wastewater recycling and rainwater harvesting;

• Electricity requirement met through Solar Power.

**PLANNING OF THE PROJECT**

Both the Organisations will construct a day-care facility, short-term transition facility and long-term residential facilities for persons with disabilities in Bahadurgarh, Haryana. Organizations will set up Income generating programmes. A committee comprising of Society Members including some Governing Body Members will be formed to execute & monitor the entire construction process. The committee will adopt a tendering process for construction & beautification work (inclusive or exclusive of architectural designing component). The architect, planners and developers will be selected on the basis of the expertise and reputation in quality compliance in such kind of specially designed building construction along with their proposed bid value. The committee members will be involved throughout the construction process to monitor the structure's quality, administrative, and financial aspects.

• The project will be energy efficient and have groundwater recharging facilities and address climate change concerns;

• The project will provide a barrier-free environment for all persons with disabilities.

• The project will offer renewable energy solutions for its entire energy needs

Impact on the rehabilitation of persons with disabilities

• The proposed Centre will provide 24x7 support, care and all requied facilities under the supervision of experts.

• The organizations will organize various programs, supervise, and manage proper care to meet the day-to=day requirements

• The organizations will provide all necessary personalized support and facilities including physiotherapy, speech therapy, water therapy, medical facilities

Some essential attributes of an accessible Centre are:

• Easily accessible building entrances and exits

• Doors that individuals who use wheelchairs can use effectively

• Light switches, electrical outlets and thermostats at places that are easily reachable

• Accessible kitchens and bathrooms with low countertops and grab rails

Room-specific accessibility

The main objective of the Rights of Persons with Disability Act 2018 is to provide guidelines to design the most conducive living environments for persons with non-ambulant (chair-bound), semi-ambulant (wheelchair-bound), visual and hearing impairments. Some directions under this Act for room-specific accessibility for kitchens, bathrooms and living areas are:

Kitchen:

1. Floor space should include a minimum width of 1.5 m width to allow easy movement of wheelchairs.

2. Worktops, sinks and cooking countertops should be 780-800 mm off the ground. Adjustable countertops are one of the best solutions for households having members who used wheelchairs.

3. A knee room of 700 mm should be provided under the sink.

4. Pull-out vertical units on both sides of the work centre are desirable.

5. There must be multiple access points to the kitchen, each equipped with a multi-pole light switch to allow the disabled person to turn the kitchen lights on and off whenever they enter or leave using any of these points.

6. An electric cooktop fitted with staggered burners, which controls the front, will eliminate the need to reach across hot burners.

7. Appliances with touchpad operation are great for people who have limited finger strength and control.

Bathroom:

1. The basin should be at a low height with appropriate knee and floor clearance for wheelchair users.

2. Shower cubicles should have wide and high enough seats to facilitate easy transfer by wheelchair users as well as grab rails for easy gripping.

3. Call buttons or other signal devices such as phone or alert systems must be installed at a height and position easily reachable in an emergency.

4. Shower doors should preferably be of a sliding type. Locks or latches should be openable from the outside in the case of an emergency.

5. The WC should have upward-folding support bars which are recommended to allow lateral transfer from a wheelchair.

6. A non-slip floor is one of the most important things to address in the shower to prevent falls. A textured tile or a slatted wood tray over a concrete floor can increase the resistance of the floor.

7. Motion detector lights can be used for individuals who have trouble accessing light switches.

Living or dining room:

1. The living room should have significant entrance points and hallways leading to it.

2. The electrical outlets must be placed lower in height but not more than 15 inches off the floor.

3. There should be enough room (1.5 m) for easy movement of wheelchairs around all furniture pieces.

4. A living and dining room combination is desirable with a 750 mm height for the knees at the table.

Bedroom:

1. The bed should not be positioned in a corner where two walls meet. Instead, a minimum of 900 mm space should be left for the wheelchair user to transfer to the bed themselves or with assistance from a helper.

2. A wheelchair docking station next to the bed can help keep it steady as the user transfers to the bed.

3. Ceiling lifts attached to a track system that slides horizontally, should be fitted in the room, starting at the doorway, leading to the bed.

4. The closets and drawers must be designed keeping in mind the requirements of the disabled, with D-ring pull handles and lightweight drawers.

**LUBRARY**

A state of the art library with computers and other required audio-visual equipment will be available. All the content of the library will be accessbile for all persons with disabilities.

 **CLASSROOMS**

The class rooms will be built as per the specifications of Rehabilitation Council of India, Minstery of Social Justice and Empowerment, Government of India.

**DAY-BOARDING SCHOOL**

A inclusive Day-boarding school will be built with all accessible features to meet the requirements of teaching and learning for the students with and without disabilities from the nearby villages. The school will have pne IT Room, and Multi-Purpose Hall and office of Principal and other staff, washrooms, etc. as per the specifications of the competent authorities.

**THERAPY CENTRE**

A state-of-the-art therapy centre with all therapies will be available within the above mentioned proposed centre for the persons/employees with and without disabilities

Later on, the therapy centre will be made available to the persons/children with disabilities in the nearby vicinity

The proposed centre will make available doctor(s), para-medical staff whole and part-time. The centre will make all arrangements with the nearby hospitals in case of emergency. Regular visit of the doctors will also be arranged regularly

The centre will provide facilities of all kinds of therapists to meet the need of persons with disabilities. Wherever required one to one therapist will be made available

**INCOME GENERATING PROGRAMMES**

Various income generating programmes will be undertaken by the centre to meet the day-to-day expenses of the proposed centre.

TRAINING COM PRODUCTION CENTRE

* The proposed centre will start a food processing unit or any small scale unit depending upon the requirement of the areas where land will be available and will employ the selected and required number of adults with and without disabilities from the area where centre will be located.
* Training will be provided to the selected required adults with and without disabilities from the Government approved training centres
* The proposed centre will finalize the product(s) to be produced in collaboration with the prospective manufacturing unit/organization and MSME
* The proposed centre will install similar machinery as per specifications provided by the manufacturing unit/organization to maintain similar quality and hygiene of the product
* The centre will be equipped with modern assistive technology, ICTs and accessible workstations

VOCATIONAL COURSE-CUM PRODUCTION UNIT OF ASSISTIVE TECHNOLOGY LIKE WHEEL CHAIRS, CRUTCHES ETC. will be built to provide training and employment to the persons with disabilities staying at the centre and/or from the nearby villages.

The crnter will also undertake study to identify other vocational opportunities with consultation with the Panchayat and other government officials and persons with disabilities. Training will be provided to all concerned persons with disabilities based on the training module approved by the Government of India.

The centre will also built CONFERENCE-CUM, CONFERENCE ROOMS, OFFICE AND ALLIED SERVICES to meet the organization of National and International residential conferences, workshop and any other event in the interest of the community.

**RESIDENTIAL UNIT**

The residential unit for 25 adults with disabilities will be constructed initially for a long and permanent stay. In futute we will increase the units upto 75.