

**NAME OF WORK:-Providing Facilities For Disable Persons at Kumar Chhatralay Radhanpur**  
**Ta: Radhanpur Dist: Patan.**

## **BILL OF QUANTITY**

It No.	Quantities estimated but may be more or less	Item of Work	Estimate Rate		Unit	Total amount according to estimated qty
			Rs. In Figures.	In Words		
1	2	3	4	5	6	7
1	89.00	Providing and fixing coloured self adhesive PU-Tactile tile, ground surface indicators (made of Polyurethane) of size 300mmx300mm for guiding/direction/warning to the visually impaired visitors in the centre/side of the pedstrain/approach pathway as per design/specification and guidelines complete in all respect to the entire satisfaction of Engineer-in-charge (NS)	4219.78	<i>Rupees Four Thousand Two Hundred Nineteen And Paise Seventy Eight Only</i>	Sqm	375560.42
2	20.00	Providing and fixing acrylic multilingual Braille (raised dots) DIRECTIONAL SIGNBOARDS of size 6" x 9" designed as per accessibility standards and having 4mm thick acrylic base plate with Upper Case San Serif words made of white acrylic non glare cut out letters of height 15mm raised not less than 0.8mm above base plate and the equivalent word written in Hindi with Devanagari non glare acrylic letters of height 15mm raised not less than 0.8mm above base plate and having a non-glare acrylic cut arrow pointing in the required direction. Each signboard to be fixed as per manufacturers specifications on the wall at the approved location and at a height of 1200mm from FFL complete as per design/specificaitons and guidelines as per the entire satisfaction of the the Engineer-in-charge (NS)	1639.23	<i>Rupees One Thousand Six Hundred Thirty Nine And Paise Twenty Three Only</i>	No	32784.60

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1	2	3	4	5	6	7
3	25.00	Providing and fixing acrylic multilingual Braille (raised dots) signboards (DOOR SIGNBOARDS) of size 6"x 9" for room titles, designed as per the drawings issued and having 4mm thick blue acrylic base plate with Upper Case San Serif words made of white acrylic non glare cut out letters of height 15mm raised not less than 0.8mm above base plate and the equivalent word/s written in Hindi with Devanagari non glare acrylic letters of height 15mm raised not less than 0.8mm above base plate. Grade 2/ Grade 1 Braille to be integral with the sign face and be raised 0.5mm above base plate. Each signboard to be fixed as per manufacturers specifications on the wall adjoining the respective room door at a height of 1200mm from FFL complete as per design/specifications and guidelines as per the entire satisfaction of the the	1639.23	<i>Rupees One Thousand Six Hundred Thirty Nine And Paise Twenty Three Only</i>	No	40980.75
4	1.00	Providing & Fixing of Pictorial layout plan of size 900mmx600mm as approved design, made of 3mm thick acrylic non glare base plate and non glare cut out symbols with grade One Braille on which individual facility points, like inquiry, reception, restrooms, medical room/ first aid, cafeteria or breakout area, lounge, meeting room, conference room etc. present the respective floors with pictograph wherever needed all in tactile raised by minimum of 1to2 mm in various colours to make it legible for seniors, partial vision impaired etc. All the facility names should be in Braille, along with English or Hindi. The entire block of tactile signs should be mounted on wall or on a slant/ inclined frame for easy reading. The map to be installed at specified locations and installed at a height of 800mm from ground level complete in all respect as per Harmonized guideline & satisfaction of Engineer-in-charges. (	33027.00	<i>Rupees Thirty Three Thousand Twenty Seven Only</i>	No	33027.00
5	4.00	Providing and Fixing Ramp Railing Braille Signage of Size 200x50mm Made From 0.5mm SS 304 Grade Matt Finish Braille dots of 1.5mm braille dots are embossed precisely and are uniform in Size and spacing of Required location with required texts as per Instruction of Engineer in Charge.	678.72	<i>Rupees Six Hundred Seventy Eight And Paise Seventy Two Only</i>	No	2714.88

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1	2	3	4	5	6	7
6	100.00	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beds as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide liminance coefficient on cement road shall be min 130 mcd/m <sup>2</sup> /lux and Asphalt road shall be min 100 mcd/m <sup>2</sup> /lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years.	367.72	Rupees Three Hundred Sixty Seven And Paise Seventy Two Only	Sqm	36772.00
7	1.00	Providing and Fixing CRUSE SET of CERA for handicap Toilet Including all Necessary Parts like One Piece EWS S Trap 300 mm with Soft Close Seat Cover, CRANE Wall Hung Washbasin 665 X 545 X 190 mm With Single Lever Clinical Faucet also Including Two Piece Wall Mounted Grab bar 600 mm Long ,Wall Mounted Hinged Hand Rail 750 x 100 with all Material and Fixing Charge as per instruction of Engineer In Charge	55438.90	Rupees Fifty Five Thousand Four Hundred Thirty Eight And Paise Ninety Only	No	55438.90
8	122.00	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1:1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick	1019.39	Rupees One Thousand Nineteen And Paise Thirty Nine Only	Sqm	124365.58
9	1.00	Providing and fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws.(B) 600mm x 20mm size.	616.42	Rupees Six Hundred Sixteen And Paise Forty Two Only	No.	616.42
10	1.00	Providing and fixing 600mm x 120mm glass shelf with C.P. brass bracket and guard rail complete mixed to wooden plug with C.P. brass screws.	570.45	Rupees Five Hundred Seventy And Paise Forty Five Only	No.	570.45

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1	2	3	4	5	6	7
11	1.00	Providing and fixing 600 mm x 450 mm beveled edge mirror of superior glass mounted on 6 mm thick A.C sheet or plywood sheet or PVC framing and fixed to wooden plugs with C.P. brass screw and washers.	859.41	Rupees Eight Hundred Fifty Nine And Paise Forty One Only	No.	859.41
12	15.00	Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	148.12	Rupees One Hundred Forty Eight And Paise Twelve Only	Rmt	2221.80
13	15.00	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	91.84	Rupees Ninety One And Paise Eighty Four Only	Rmt	1377.60
14	15.00	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	72.65	Rupees Seventy Two And Paise Sixty Five Only	Rmt	1089.75
15	2.00	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I screed down or hinged grating including the cost of cutting and making good the walls.	601.94	Rupees Six Hundred One And Paise Ninety Four Only	No	1203.88
16	3.00	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.	186.83	Rupees One Hundred Eighty Six And Paise Eighty Three Only	No	560.49
17	2.00	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	263.77	Rupees Two Hundred Sixty Three And Paise Seventy Seven Only	No	527.54

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1	2	3	4	5	6	7
18	10.00	Providing, laying and jointing in true line and level 110 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diameter x 149 mm length x 145 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	918.67	Rupees Nine Hundred Eighteen And Paise Sixty Seven Only	Rmt	9186.70
19	20.00	Providing and laying white glazed tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	1127.48	Rupees One Thousand One Hundred Twenty Seven And Paise Forty Eight Only	Sqm	22549.60
20	4.00	Providing and laying anti skid Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand ) finishing with flush pointing in white cement	1017.30	Rupees One Thousand Seventeen And Paise Thirty Only	Sqm	4069.20
21	4.00	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	51.45	Rupees Fifty One And Paise Forty Five Only	Sqm	205.80
22	2.00	Dismantling sanitary fittings like wash basin . W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	433.96	Rupees Four Hundred Thirty Three And Paise Ninety Six Only	No	867.92
23	1.00	Providing and fixing wash down water closet Wall Hung W.C. Pan with integral P or S trap and Metropole Flush Valve with complete fittings including cutting holes in walls and making good the same connecting the flush bend with cistern and closet etc. complete including plastic seat cover and including jointing trap with Waste pipe overall size as per the selection of the	18330.49	Rupees Eighteen Thousand Three Hundred Thirty And Paise Forty Nine Only	No	18330.49

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1	2	3	4	5	6	7
24	150.00	Providing and fixing 90 cm high Stainless steel railing 304 Grade made from anticorrosive S S pipe of 50 mm dia (16Gauge) as hand rail with S S 32 mm dia (16Gauge) as a vertical support fixed in RCC slab at 1.2m c/c including three horizontal S S pipes of 16 mm dia (16Gauge) at equal distance fixed by 18.75 mm dia (16Gauge) S S pipe including accessories as per detailed drawing as directed etc. complete.	3283.51	<i>Rupees Three Thousand Two Hundred Eighty Three And Paise Fifty One Only</i>	Rmt	492526.50
25	2.00	Excavation for foundation up to 1.5 M. depth incl. sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 Meter. lead in (A) Loose or soft soil	128.79	<i>Rupees One Hundred Twenty Eight And Paise Seventy Nine Only</i>	Cum	257.58
26	1.00	Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6-hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	2985.86	<i>Rupees Two Thousand Nine Hundred Eighty Five And Paise Eighty Six Only</i>	Cum	2985.86
27	1.30	Providing and laying controlled cement concrete M-150 and curing complete including the cost of form work and excluding reinforcement for reinforced concrete work in : (a) Foundations, footings Bases of columns and the like and Mass concrete	4537.93	<i>Rupees Four Thousand Five Hundred Thirty Seven And Paise Ninety Three Only</i>	Cum.	5899.31
28	25.00	Providing corrugated 0.5mm thick double coated Trafford sheet roofing fixed with galvanized iron J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washer filled with white lead complete excluding the cost of purlins, Rafters and Trusses (1) 0.50 mm thick sheet	959.50	<i>Rupees Nine Hundred Fifty Nine And Paise Fifty Only</i>	Sqm.	23987.50
29	7.50	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint & two coat of Oil Paint. (A)In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like	9108.48	<i>Rupees Nine Thousand One Hundred Eight And Paise Forty Eight Only</i>	Qtl.	68313.60
				<b>Total</b>	<b>Rs.</b>	<b>1359851.53</b>

I / We am / are willing to carry out the work at .....% below / above ( Should be written in figure and words ) of the tender rates mentined above Amount of my / our tender works out as under.

Tender amount Rs.....

Tender amount Rs.....

Add.....% above Rs.....

Less.....% below Rs.....

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1	2	3	4	5	6	7
	Net in words	Rs.....		Net in words	Rs.....	

**Signature of Contractors**

Dy.Executive Engineer  
R & B Sub Division  
Radhanpur