

SPECIFICATIONS FOR NEW CONSTRUCTION/RENOVATION OF HOUSES

HOUSE TYPES 650 Sft. and 450 Sft. (Earlier 600 sft , 440 sft, 350 Sft)

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
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| 1. | FLOORING, DADO-SKIRTING | a) Rooms, Lobby, Store, Balcony, Verandah | Terrazzo flooring Silver grey colour. | i) New Constn.:- Marble Stone. ii) Renovation:- Ceramic tiles 16"x16". |
| | | b) Kitchen | (i) Non Skid Ceramic tiles flooring. (ii) Ceramic tiles dado upto 6'-9". (iii) Working top shall be finished in Baroda Green marble. | (i) Renovation:- Non Skid Ceramic tiles in Flooring. New Constn.:- Marble Stone. (ii) Worktops to be finished with Baroda Green marble. (iii) Ceramic rectified tiles 8"x12" in dado upto 6'-9" (iv) Cabinets overhead with 20mm Block Board ISI Marked with Lamination. Laminated shutters with Pressed steel chowkhats under worktop. (v) Stainless steel sink. |
| | | c) Toilets | (i) Non Skid Ceramic Tiles flooring. (ii) Glazed tiles dado upto 6'-9" height. | (i) Provision for Installation of washing machine shall be made in toilet/rear courtyard. (ii) Dado- Ceramic rectified tiles upto7'-0" with border with size 8"x 12" or above. (ii) Flooring-New Constn.-Marble Stone. Renovation-Non skid Ceramic tiles. |
| | | d) Staircase | - | Kotak stone & Marble Stone combination. |
| | | e) Driveway | - | Cement Concrete Flooring. |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS. | a) Frames. | Pressed steel frames for all doors, windows ventilators, openable and fixed with glazing. | Pressed steel frames for all doors, windows ventilators, openable and fixed with glazing. |
| | | b) Door shutters. | The shutters for doors, windows, ventilators, shall be of hard wood. Doors shall have lush shutters. | Flush Shutter ISI Marked. Windows, Ventilators shall be Hard wood except teak with Pressed steel chowkhats. |
| | | c) Wood to be used. | Wood to be used shall be kiln seasoned hard wood as per ISI specifications except teak. | Wood to be used shall be kiln seasoned hard wood as per I.S.I. specification. |
| | | d) Cupboards | (i) Ferro cement / RCC 25mm thick shelves in cupboards. (ii) Pressed steel chowkhats & shutters of hard wood frame with 4 mm thick commercial Ply face on both side. ISI marked. | (i) 25 mm thick Block board ISI Marked shelves. (ii) Flush Shutters 25mm thick ISI marked. |
| | | e) Door fittings | Anodized aluminium fittings shall be used. ISI marked. | Anodized Aluminium fittings ISI marked. |

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| | | f) Toilets | Bath & Toilets shall have Pressed steel chowkhats with paneled shutters of hard wood (Hollock)/PVC/Cement bonded particle board panel inserts shall be used. | Bath and Toilets shall have Pressed steel Chowkhats and Laminated Flush shutters ISI Marked. |
| | | g) Wire gauge shutters. | Fly mesh shutters to all the outer doors and windows shall be provide. | Fly mesh Shutters to all outer doors / windows to be provided. |
| 3. | INTERNAL AND EXTERNAL FINISHES | a) Internal walls and Ceiling | All internal walls shall have OBD & Ceiling to be white washed. | Oil Bond Distemper. |
| | | b) Joinery paint. | Joinery to be painted with synthetic enamel paint as per colour scheme. | Joinery shall be painted with synthetic enamel paint. |
| | | c) External walls / surfaces. | i) Exposed brick surfaces shall be finished with deep struck pointing with matching pigment and with cement based paint. (ii) All RCC works shall be plastered unless otherwise specified. (iii) Plastered surfaces shall have cement based paint. | (i) Plastered / Painted with appropriate external paint as per colour scheme. (ii) All RCC work shall be plastered unless otherwise specified. |
| 4. | SOIL WASTE & RAIN WATER PIPES. | a) Rain water pipes | (i) All R.W.Ps to be laid in approachable and openable ducts. (ii) C.I rain water pipes shall be preferred. | (i) All R.W.P.s to be laid in approachable and openable ducts. (ii) PVC pipes ISI Marked. |
| 5. | ELECTRIC WIRING | a) Wires | Copper wiring in concealed conduits be used. | Copper wiring in concealed conduits be provided. |
| | | b) Switches / MCB's | Switches / MCB's be of empanelled Cos. | Modular Switches, MCBs ISI marked. |
| | | c) Communication system to be adopted. | Telephone / TV conduits be also provided. | Telephone / Internet / TV conduits and wiring. |
| | GRILLS | a) Grills. | Steel Grills to outer windows / Ventilators to be provided. | Steel Grills to outer windows / Ventilators to be provided on all floors. |
| 6. | COMPOUND WALLS AND GATES | a) Compound walls. | Standard compound walls shall be provided. The outer faces of walls shall have exposed brick face and the inner faces shall be plastered. | Standard Compound walls shall be provided. The outer faces of walls shall have plastered. |
| | | b) Gates. | Standard provision shall be made. | Standard Gates shall be provided. |
| 7. | PROVISION OF SOLAR WATER HEATING SYSTEM | - | As per Hr. Govt. Notification. | As per Hr. Govt. Notification. |
| 8. | RAIN WATER HEATING SYSTEM. | - | As per HAREDA Guidelines. | As per HAREDA Guidelines. |

- Note: 1. Hon'ble PWM has ordered for change of Norms for Renovation but existing norms are applicable for New Constn. & Renovation. Accordingly, Proposed Norms are also for New Constn. /Renovation.**
- 2. Marble has been taken in the proposed specification for New Constn. only and Tiles for Renovation. P/f Marble Flooring in Renovation will be quite cumbersome and time thus not proposed. P/F tile is quicker & feasible.**

SPECIFICATIONS FOR NEW CONSTRUCTION/RENOVATION OF HOUSES

HOUSE TYPES 950 sft., 800 Sft. (Earlier 770 sft)

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
|---------|--------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | FLOORING, DADO-SKIRTING | a) Rooms, Lobby, Store, Balcony, Verandah | Terrazzo flooring Silver grey colour. | iii) New Constn.:- Marble stone. iv) Renovation:- Vitrified Double Charged-2'x2'. |
| | | b) Kitchen | (i) Non Skid Ceramic tiles flooring. (ii) Ceramic tiles dado upto 6'-9". (iii) Working top shall be finished in Baroda Green marble. | (iii) Renovation:- Non Skid Ceramic tiles in flooring. New Constn.:- Marble. (ii) Worktops to be finished with Baroda Green marble. (iii) Ceramic rectified tiles 8"x12" in dado upto 6'-9" (iv) Cabinets overhead with 20mm Block Board ISI Marked with Lamination. Laminated shutters with Pressed steel chowkhats under worktop. (v) Stainless steel sink. |
| | | c) Toilets | (i) Non Skid Ceramic Tiles flooring. (ii) Glazed tiles dado upto 6'-9" height. | (i) Provision for Installation of washing machine shall be made in toilet/rear courtyard. (ii) Dado- Ceramic rectified tiles upto7'-0" with border with size 8"x 12" or above. |
| | | d) Staircase | - | Baroda Green/White Marble. |
| | | e) Driveway | - | Cement Concrete flooring. |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS. | a) Frames. | Pressed steel frames for all doors, windows ventilators, openable and fixed with glazing. | Pressed steel frames for all doors, windows ventilators, openable and fixed with glazing. |
| | | b) Door shutters. | The shutters for doors, windows, ventilators, shall be of hard wood. Doors shall have lush shutters. | Flush shutter ISI Marked. Windows, ventilators shall be Hard wood except teak with Pressed steel chowkhats. |
| | | c) Wood to be used. | Wood to be used shall be kiln seasoned hard wood as per ISI specifications except teak. | Wood to be used shall be kiln seasoned hard wood as per I.S.I. specification. |
| | | d) Cupboards | (i) Ferro cement / RCC 25mm thick shelves in cupboards. (ii) Pressed steel chowkhats & shutters of hard wood frame with 4 mm thick commercial Ply face on both side. ISI marked. | (i) 25 mm thick Block board ISI Marked shelves. (ii) Flush shutters 25mm thick ISI marked. |
| | | e) Door fittings | Anodized aluminium fittings shall be used. ISI marked. | Anodized Aluminium fittings ISI marked. |
| | | f) Toilets | Bath & Toilets shall have Pressed steel chowkhats with paneled shutters of hard wood (Hollock)/PVC/Cement bonded particle board panel inserts shall be used. | Bath and toilets shall have Pressed steel chowkhats and Laminated Flush shutters ISI Marked. |

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| | | g) Wire gauge shutters. | Fly mesh shutters to all the outer doors and windows shall be provide. | Fly mesh shutters to all outer doors / windows to be provided. |
| 3. | INTERNAL AND EXTERNAL FINISHES | a) Internal walls and Ceiling | All internal walls shall have OBD & Ceiling to be white washed. | Oil Bond Distemper. |
| | | b) Joinery paint. | Joinery to be painted with synthetic enamel paint as per colour scheme. | Joinery shall be painted with synthetic enamel paint. |
| | | c) External walls / surfaces. | i) Exposed brick surfaces shall be finished with deep struck pointing with matching pigment and with cement based paint. (ii) All RCC works shall be plastered unless otherwise specified. (iii) Plastered surfaces shall have cement based paint. | (i) Plastered / Painted with appropriate external paint as per colour scheme. (ii) All RCC work shall be plastered unless otherwise specified. |
| 4. | SOIL WASTE & RAIN WATER PIPES. | a) Rain water pipes | (i) All R.W.Ps to be laid in approachable and openable ducts. (ii) C.I rain water pipes shall be preferred. | (i) All R.W.P.s to be laid in approachable and openable ducts. (ii) PVC pipes ISI Marked. |
| 5. | ELECTRIC WIRING | a) Wires | Copper wiring in concealed conduits be used. | Copper wiring in concealed conduits be provided. |
| | | b) Switches / MCB's | Switches / MCB's be of empanelled Cos. | Modular Switches, MCBs ISI marked. |
| | | c) Communication system to be adopted. | Telephone / TV conduits be also provided. | Telephone / Internet / TV conduits and wiring. |
| | GRILLS | a) Grills. | Steel Grills to outer windows / Ventilators to be provided. | Steel Grills to outer windows / Ventilators to be provided on all floors. |
| 6. | COMPOUND WALLS AND GATES | a) Compound walls. | Standard compound walls shall be provided. The outer faces of walls shall have exposed brick face and the inner faces shall be plastered. | Standard compound walls shall be provided. The outer faces of walls shall have plastered with pattern. |
| | | b) Gates. | Standard provision shall be made. | Standard gates shall be provided. |
| 7. | PROVISION OF SOLAR WATER HEATING SYSTEM | - | As per Hr. Govt. Notification. | As per Hr. Govt. Notification. |
| 8. | RAIN WATER HEATING SYSTEM. | - | As per HAREDA Guidelines. | As per HAREDA Guidelines. |

- Note: 1. Hon'ble PWM has ordered for change of Norms for Renovation but existing norms are applicable for New Constn. & Renovation. Accordingly, Proposed Norms are also for New Constn. /Renovation.**
- 2. Marble has been taken in the proposed specification for New Constn. only and Tiles for Renovation. P/f Marble Flooring in Renovation will be quite cumbersome and time thus not proposed. P/F tile is quicker & feasible.**

SPECIFICATIONS FOR NEW CONSTRUCTION/RENOVATION

HOUSE TYPES 1300 SFT. AREA. (Earlier 1220 Sft.)

| Sr. No. | Items | Sub Items | Present Specifications | Proposed Specifications |
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| 1. | FLOORING, DADO-SKIRTING | a) Drawing Room, Dinning, Bedrooms and Lobby | a) Silver grey Terrazzo / Ceramic tile | i) New Constn. :- Marble Stone ii) Renovation: Vitrified double charged tiles 2;0'' x 2'-0'' |
| | | b) Bed Rooms. | Silver grey Terrazzo. | Vitrified double charged tiles 2'-0'' x 2'-0''. |
| | | c) Staircase. | Kotah Stone. | Baroda Green Marble |
| | | d) Kitchen. | i) Non Skid flooring tiles. (ii) Glazed tiles dado upto 6'-9'' height. (iii) Main work tops – Baroda green finish. | (i) New Constn:- Granite stone in flooring. Renovation:- Non Skid Ceramic tiles in flooring. (ii) Worktops to be finished with Granite stone. (iii) Ceramic rectified tiles 12''-18'' in dado upto 6'-9'' (iv) Cabinets under slab and overhead with 20mm Block Board with Lamination. (v) Stainless steel sink. |
| | | e) Toilets | (i) Non Skid Ceramic tile. (ii) glazed tile dado upto 6'-9'' height. | (i) Flooring- Anti-Non Skid Ceramic Tiles. (ii) Provision for Installation of Washing machine shall be made in toilet/rear courtyard. (iii) Dado- Ceramic rectified tiles upto 7' with size 12''x 18'' or above. |
| | | f) Garages and Stores. | Conglomerate flooring with matching skirting. | Kotah stone |
| | | g) Terrace. | Brick bats Coba Treatment. | Kotah stone with marble/ Anti skid Ceramic tiles. |
| | | h) Driveway | - | Kotah Stone with marble pattern. |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS | a) Frames. | Pressed steel frames for all doors, windows ventilators, openable and fixed with glazing. | Pressed steel frames for all doors, windows ventilators, openable and fixed with glazing. |
| | | b) Shutters. | (i) Flush shutter with hard wood frame 35 mm thick. ISI marked. (ii) Windows, ventilators shall have Hard Wood shutter. (iii) Fly mesh shutters on all outer doors & windows. (iv) Solid flush shutters for cupboards 25mm thick. ISI marked factory manufactured. | (i) Flush shutter ISI Marked. Windows, ventilators shall be hard wood except teak. (ii) Windows, ventilators shall have Hard Wood glazed shutter. (iii) Fly mesh shutters on all outer doors & windows. |
| | | c) Wood to be used. | Any hard wood except teak. | Wood to be used shall be kiln seasoned hard wood as per I.S.I. specification. |

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| | | d) Cupboard. | ¾ thick block board for shelves. | 25 mm thick Block board ISI Marked shelves. (ii) Flush shutters 25mm thick ISI marked teak veneered with sprit polish. |
| | | e) Fittings. | Aluminium fitting. ISI marked. | Anodized Aluminium fitting ISI marked. |
| 3. | INTERNAL AND EXTERNAL FINISHES. | a) Internal Finishes. | All internal walls shall have oil bound distemper in designated area and rest white washed. | Plastic Emulsion. |
| | | b) Joinery Paint. | Joinery to be painted with synthetic enamel 1 st quality paint of approved shade. | Joinery shall be painted with synthetic enamel paint. |
| | | c) External finishes | Deep struck Pointing / Plastered / Grit finished / Brick face to be painted with external paint as per color scheme. | (i) Plastered / Painted with appropriate external paint as per color scheme. (ii) All RCC work shall be plastered unless otherwise specified. |
| 4. | SOIL WASTE & RAIN WATER PIPES. | a) Rain water pipes. | i) All rain water pipes shall be concealed in ducts. | (i) All R.W.P.s be laid in approachable ducts. (ii) PVC pipes ISI Marked. |
| | | b) Soil Waste pipes. | Soil waste pipes shall be concealed in ducts. | C.I. Soil waste pipes shall not exposed. |
| 5. | GRILLS | a) Grills. | On all floors. | On all floors. |
| 6. | ELECTRIC WIRING | a) Wiring | The building shall have concealed copper wiring. | Copper wiring in concealed conduits be provided. |
| | | b) Communication system. | Telephone / TV/ Internet conduits be also provided as per need of the future. | Telephone / Internet / TV conduits and wiring. |
| 7. | COMPOUND WALLS AND GATES | a) Compound walls. | Standard compound walls shall be provided. The outer faces of walls shall have exposed brick face and the inner faces shall be plastered. | Standard compound walls shall be provided. The outer faces of walls shall have plastered with pattern if any. Wooden or Fiber Glass Jafri 2'6" high on front B/wall. |
| | | b) Gates. | Standard gates shall be provided. | Standard gates of 5'-11 ½ high shall be provided. |
| 8. | PROVISION OF RAIN & WATER HARVESTING | - | As per Hr.Govt. Notification. | Mandatory |
| 9. | SOLAR WATER HEATING | - | As per Hr.Govt. Notification. | - |

Note: 1 Hon'ble PWM has ordered for change of Norms for Renovation but existing norms are applicable for New Constn./ & Renovation/ Accordingly Proposed Norms are also for New Cpnstn. /Renovation.

2. Marble has been taken in the proposed specification for New Constn. onyx and Tiles for Renovation. P/F Marble Flooring in Renovation will be quite cumbersome and time thus not proposed. P/F tile is quicker & feasible.

SPECIFICATIONS FOR NEW CONSTRUCTION/RENOVATION

HOUSE TYPES 2800 Sft., 2200 Sft. and 1900 Sft. AREAS.(Earlier 1882, 2775 sft.)

| Sr. No | Items | Sub Items | Present Specifications | Proposed Specifications |
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| 1. | FLOORING, DADO-SKIRTING | a) i. Drawing Room, Dinning, Lobby, Entrance Hall. ii) Bed Room, Study room, Office room, | i. Vitrified tiles minimum size 2'-0" x 2'-0" ii. Ceramic tile Non Skid. | i) New Constn.:- Marble Stone. ii) Renovation:- Vitrified double charged tiles 2'-0" x 2'-0" or above. |
| | | b) Staircase. | Kotah Stone. | Baroda Green/White Marble. |
| | | c) Kitchen | (i) Non Skid Ceramic tiles flooring. (ii) Worktops to be finished with Granite. (iii) Glazed tiles dado upto 6'-9" | c) (i) New Constn.:- Granite stone in flooring. Renovation:- Anti-Skid Ceramic tiles in flooring. (ii) Worktops to be finished with Granite stone. (iii) Ceramic rectified tiles 12"-18" or above in dado upto 6'-9" (iv) Modular Kitchen Cabinets under worktop and overhead with 20mm Block Board with Lamination. (v) Stainless steel sink. |
| | | d) Verandah, Balcony | Kotah stone. | Baroda Green marble with marble pattern/ Anti skid Vitrified double charged tiles of any size. |
| | | e) Toilets. | (i) Flooring- Non Skid Ceramic Tiles. (ii) Provision for Installation of washing machine shall be made. (iii) Dado - Ceramic tiles upto 7'-0" with border, minimum size 8"x12". | (i) Flooring- Granite stone tiles. (ii) Provision for Installation of washing machine shall be made separately by pvdg. Washing area. (iii) Dado- Ceramic rectified tiles upto 7' with border with size 12"x 18" or above. (iv) Undercounter Wash basin with Granite top. (v) Wall hung type WC. |
| | | f) Garage, Servant room, Security guard room, Store Room. | Conglomerate flooring with skirting of relevant type. | Kotah stone |
| | | g) Servant Toilet. | Ceramic tile Flooring. Ceramic tiles 8"x12" size upto 4'6" on Dado. | Ceramic rectified tile flooring with Dado- 8"x12" size upto 7'. |
| | | h) Sleeping Terrance. | Coba Treatment. | Rustic tiles with pattern/Kotah stone, Marble. |
| | | e) Driveway | - | Kotah Stone with marble pattern. |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS. | a) Frames | Hardwood frames for all doors, windows, ventilators, openable & fixed with glazing. | Hardwood frames for all doors, windows, ventilators, openable & fixed with glazing. |
| | | b) Shutters. | The shutters for doors, windows, ventilators shall | Flush shutter 30mm thick ISI marked with 3mm thick |

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| | | | be hard wood except teak. | Veneer on both sides ISI Marked. Windows, ventilators shall be hard wood except teak. Wooden chowkhats. |
| | | c) Wood to be used. | Wood to be used shall be kiln seasoned hard wood as per I.S.I. specification. | Wood to be used shall be kiln seasoned hard wood as per I.S.I. specification. |
| | | d) Cupboards. | (i) ¾ thick Block board shelves. (ii) Flush shutters 25mm thick ISI marked. | (i) 20 mm thick Block board ISI Marked Box type cupboards. (ii) Flush shutters 25mm thick ISI marked with 3mm thick Teak veneered on one side. |
| | | e) Toilets. | Bath and toilets shall have Hard wood chowkhats and paneled shutters with cement bonded particle board panel inserts. | Bath and toilets shall have Hard wood chowkhats Flush shutters ISI Marked with one side Lamination and one side 3mm thick veneer. |
| | | f) Wires gauge shutters. | Fly mesh shutters to all outer doors / windows to be provided. | Fly mesh shutters to all outer doors / windows to be provided. |
| | | g) Door Fittings. | Aluminium fitting to be used, ISI marked. | Stainless Steel Grade 304 fittings ISI Marked. |
| 3. | INTERNAL AND EXTERNAL FINISHES | a) Internal walls & Ceiling | Oil bound Distemper, Ceiling to be white washed with non sticking material. | Plastic Emulsion. |
| | | b) Joinery painting. | Joinery shall be painted with synthetic enamel paint. | Joinery shall be painted with Sprit polishing. |
| | | c) External finish | (i) Painting / Plastered / Grit finished / Brick facing / Painted with appropriate external paint as per color scheme. (ii) All RCC work shall be plastered unless otherwise specified. | (i) Plastered/Painted with appropriate external paint as per color scheme with combination of tiles. (ii) All RCC work shall be plastered unless otherwise specified. |
| 4. | SOIL WASTE & RAIN WATER PIPES. | a) Rain water pipes. | (i) All R.W.P.s be laid in approachable shall be concealed in ducts. (ii) PVC pipes shall be used. (iii) RWP's need not be embedded in brick walls in general. | (i) All R.W.P.s be laid in approachable ducts. (ii) PVC pipes ISI Marked. (iii) RWP's need not be embedded in brick walls in general. |
| | | b) Soil waste pipes. | All the soil waste pipes shall not be exposed. | All Soil waste pipes shall not exposed. |
| | GRILLS | a) Grills | Steel grills to outer windows to be provided in all the categories of houses to give greater security to the house. | Steel Grills to outer windows / Ventilators to be provided. |
| | ELECTRIC WIRING | a) Wires. | Copper wiring in concealed conduits be provided. | Copper wiring in concealed conduits be provided. |
| | | b) Switches, MCBs | Switches / MCBs of sturdy material of standard quality, ISI marked. | Modular Switches, MCBs ISI marked. |
| 5. | COMPOUND WALLS AND GATES. | a) Compound walls. | Standard compound walls shall be provided. The outer faces of walls shall have exposed brick face and the inner faces shall be plastered. | Standard compound walls shall be provided. The outer faces of walls shall have plastered with pattern if any. Wooden or Fiber Glass Jafri 2;6" high on front B/wall. |
| | | b) Gates. | Standard gates shall be provided. | Standard gates of 5'-11 ½ high shall be provided. |
| 6. | INTERNET & OTHER | a) Communication system | Telephone / Internet / TV conduits should be | Telephone / Internet / TV conduits and wiring. |

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| | COMMUNICATIONS SYSTEMS | | proved for needs for future. | |
| 7. | RAIN WATER HARVESTING | - | As per Hr. Govt. Notifications. | Mandatory. |
| 8. | SOLAR WATER HEATING | - | As per Hr. Govt. Notifications. | - |

Note:- 1. Hon'ble PWM has ordered for change of Norms for Renovation but existing norms are applicable for New Constn. & Renovation. Accordingly Proposed norms are also for New Constn. /Renovation.

2. Marble has been taken in the proposed specification for New Constn. only and Tiles for Renovation. P/f Marble Flooring in Renovation will be quite cumbersome and time thus not proposed. P/F tile is quicker and feasible.

REVISION OF SPECIFICATIONS BY ECONOMY COMMITTEE

100 BEDS HOSPITAL (STANDARD DESIGN) & ABOVE

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
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| 1. | FLOORING, DADO-SKIRTING | a) Rooms & Wards | a) Grey Terrazzo flooring with 4' 6" high dado of same specification. | Private Rooms with vitrified tiles 2'x2' Wards kotah stone & marble flooring in 80:20 ratio. Dado upto 4'-6" high glazed ceramic tiles. |
| | | b) Corridor / Entrance hall, Waiting Rooms. | b) Kotah stone flooring with 4'6" high dado | Kotah stone & Marble flooring 80:20 ratio with 4'-6" high dado of glazed tiles for corridor. Entrance hall shall have granite flooring. |
| | | c) Toilets & Kitchens. | c) Kotah stone flooring with 6'9" high dado of white glazed tiles. | Granite stone flooring with 6'-9" high dado of white glazed tiles. Kitchen – Granite Top. |
| | | d) Operation Theatre. | d) Non static flooring. | Vitrified tiles flooring not less than (2'-0" x 2'-0") with ceramic tiles bigger size / stainless steel dado upto ceiling. |
| | | e) Enquiry countries and face walls of lifts. | e) Granite | Granite finish. |
| | | f) Ramps. | f) Red Stone Flooring. | Red Stone flooring / Chequered Tiles. |
| | | g) Machine Rooms. | g) Coglemerate flooring. | Conglomerate flooring as per structural requirement . |
| | | h) Entrance Columns. | h) Kotah Stone | Granite finish. |
| | | i) Laboratories | i) Acid proof tiles of large size on floors and table tops dado upto 4' 6" height. | Acid proof tiles of large size on floors and table tops Ceramic tiles dado upto 4'-6" height. |
| | | j) X-Ray, MRI, Ultra Sound ECG, CT Scan etc. | | 2'x2' Vitrified tiles flooring with ceramic tiles dado upto 4'-6" in ECG, CT Scan, X-ray, Mri, Ultra Sound rooms shall have Non Skid tiles / Kotah stone flooring and Dado upto 4'-6" upto of ceramic tiles. |
| | | h) Emergency | | Dado upto 6'9" ceramic tiles kotah stone flooring. |
| 2. | JOINERY WORK FOR DOORS WINDOWS AND VENTILATORS | a) Frames | i) Pressed steel frames for all doors, windows, ventilators, open able & fixed with glazing and upboards except for operations theatre where Aluminium sections as per Arch. Drgs. And for windows / ventilators ISI standard steel sections with glazing shall be used. | Pressed steel frames on openable and fixed glazing, cupboards window / ventilators ISI standard steel section. For operation theatre aluminium sections as per Arch. Drgs., Almn. Joinery in O.T. Zone. |
| | | b) Shutters. | i) Factory manufactured solid flush shutter of hard wood such as hillock shall be used for doors and cup boards. | i) Shutters for all doors and cupboard factory manufactured solid flush shutters of hard wood such as hillock (35" thick and 25mm thick respectively). ISI marked. |

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| | | | <p>ii) All external openings shall be provided with wire mesh shutters of hard wood, Panelled door shutter of hardwood shall be used in toilets.</p> <p>iii) Aluminium door / glazing in entrance halls with floor springs (ISI Marked)</p> | <p>ii) All external opening shall have Fly Mesh shutters. Toilets shall have aluminiums chowkhats with aluminium / PVC shutters.</p> <p>iii) Aluminium door cum glazing in entrance hall with floor springs (ISI Marked) as per Drgs.</p> |
| | | c) fittings | i) Aluminium fittings. | Aluminium fittings. ISI Marked. |
| | | d) Operation Theatre | Not specified | Aluminium frames with standard aluminium sections as per detailed drawings. |
| 3. | INTERNAL AND EXTERNAL FINISHES | a) Internal walls / ceiling of rooms ECG, X-Ray etc. | i) All internal walls to be cement plastered and white washed | All internal surfaces to be cemented plastered and finished with Oil Bound Distemper every two years. |
| | | b) Operation Theatre. | i) White synthetic anti fungal paint shall be done. | In operation theatre, all the walls & ceiling junctions shall be rounded off. The ceiling shall be cement plastered & shall be painted with synthetic enamel or epoxy paint. |
| | | c) Toilets | i) White washed | White wash. |
| | | d) Corridors | i) White washed | Oil bound of approved shade on walls above dado and for ceiling in corridors. Once in two year. |
| 4. | SOIL WASTE & RAIN WATER PIPES, GRILLS, ELECTRIC WIRING, GAS PIPE LINE | a) Rain water pipes. | i) All rain water pipes shall be concealed inducts | i) All bound distemper of approved shade on walls above dado and for ceilings n corridors. Once in two year. |
| | | b) Soil Waste pipes. | i) All soil waste pipe shall be concealed in ducts. | All the soil waste pipes shall be concealed in ducts. |
| | | c) Grills. | | i) Grills shall be provided in the windows and ventilators for security. |
| | | d) Wires. | i) All the wires of electricity, Telephone etc. shall be in conduit pipe and shall pass through independent ducts. | i) All wires of electricity telephone etc. shall be in conduit pipes and shall pass through independent ducts. |
| | | e) Glow Sign | Not specified | Provision for glow sign be made. |
| | | f) Pipe line | Not specified | Gas pipe line should be provide in the operation theatre. |
| 5. | SOLAR WATER HEATING SYSTEM. | - | - | As per HAREDA guidelines. |
| 6. | RAIN WATER HARVESTING SYSTEM. | - | - | As per Hr. Govt. Notification. |

REVISION OF SPECIFICATIONS BY ECONOMY COMMITTEE

HOUSE TYPES WITH 440SFT. 600 SFT. & 770 SFT. AREAS

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
|---------|--------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | FLOORING, DADO-SKIRTING | a) Rooms Stores, Verandah & Passages. | Grey terrazzo flooring with 3” skirting of relevant flooring. | Terrazzo flooring Silver grey colour. |
| | | b) Kitchen | (i) grey Terrazzo flooring (ii) Grey Terrazzo dado upto window sill level | (i) Non Skid Ceramic tiles flooring. (ii) Ceramic tiles dado upto 6’-9”. (iii) working top shall be finished in Baroda Green. |
| | | c) Toilets | (i) Grey terrazzo flooring (ii) Grey terrazzo dado upto 6”9” height | (i) Non Skid Ceramic Tiles flooring. (ii) Glazed tiles dado upto 6’-9” height. |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS. | a) Frames. | Pressed steel frames for all doors, windows, ventilators, openable and fixed with glazing. | Pressed steel frames for all doors, windows ventilators, openable and fixed with glazing. |
| | | b) Door shutters. | The shutters for doors, windows, and ventilators shall be of hard wood. | The shutters for doors, windows, ventilators, shall be of hard wood. Doors shall have lush shutters. |
| | | c) Wood to be used. | Wood to be used shall be kiln seasoned hard wood such as hillock, champ, chikrassy and chaplash | Wood to be used shall be kiln seasoned hard wood as per ISI specifications except teak. |
| | | d) Cupboards | i) Cupboard shall have RCC shelves. (ii) Pressed steel chowkhats & shutters of hard wood with 3mm thick commercial ply faced on one side. | (i) Ferro cement / RCC 25mm thick shelves in cupboards. (ii) Pressed steel chowkhats & shutters of hard wood frame with 4 mm thick commercial ply face on both side. ISI marked. |
| | | e) Door fittings | Anodized / iron fitting shall be used for wood works | Anodized aluminium fittings shall be sued. ISI marked. |
| | | f) Toilets | Bath & toilet shall have pressed steel chokhats with shutters of hard wood. (Hollock) | Bath & Toilets shall have pressed steel chowkhats with paneled shutters of hard wood (Hollock)/PVC/Cement bonded particle board panel inserts shall be used. |
| | | g) Wire gauge shutters. | Fly mesh shutters to all outer doors shall be provided. | Fly mesh shutters to all the outer doors and windows shall be provide. |
| 3. | INTERNAL AND EXTERNAL FINISHES | a) Internal walls and Ceiling | All internal walls & ceiling to be plastered & white washed. | All internal walls shall have OBD & Ceiling to be white washed. |
| | | b) Joinery paint. | Joinery to be painted with synthetic enamel paint of approved shade. | Joinery to be painted with synthetic enamel paint as per colour scheme. |
| | | c) External walls / surfaces. | i) Exposed brick surfaces shall be finished either | i) Exposed brick surfaces shall be finished with deep |

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| | | | with cement pointing with matching pigment or striking of joints with snowcem. ii) All RCC works shall be plastered unless otherwise specified. | struck pointing with matching pigment and with cement based paint. (ii) All RCC works shall be plastered unless otherwise specified. (iii) Plastered surfaces shall have cement based paint. |
| 4. | SOIL WASTE & RAIN WATER PIPES. | a) Rain water pipes | All C.I. rain water pipes shall be embedded in walls | (i) All R.W.Ps be laid in approachable and openable ducts. (ii) CI rain water pipes shall be preferred. |
| 5. | ELECTRIC WIRING | a) Wires | The building shall conduit wiring. | Copper wiring in concealed conduits be used. |
| | | b) Switches / MCB's | No specification Provided | Switches / MCB's be of empanelled Cos. |
| | | c) Communication system to be adopted. | No Specification Provided | Telephone / TV conduits be also provided. |
| | GRILLS | a) Grills. | Steel grills to outer windows / ventilators to be provided | Steel Grills to outer windows / ventilators to be provided. |
| 6. | COMPOUND WALLS AND GATES | a) Compound walls. | Standard compound walls shall be provided. The outer faces of walls shall have exposed brick face and the inner faces shall be plastered. | Standard compound walls shall be provided. The outer faces of walls shall have exposed brick face and the inner faces shall be plastered. |
| | | b) Gates. | Standard provision shall be made. | Standard provision shall be made. |
| 7. | PROVISION OF SOLAR WATER HEATING SYSTEM | - | - | As per Hr. Govt. Notification. |
| 8. | RAIN WATER HEATING SYSTEM. | - | - | As per HAREDA Guidelines. |

REVISION OF SPECIFICATIONS BY ECONOMY COMMITTEE

HOUSE TYPES 1220 SFT. AREA.

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
|----------------|-------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 1. | FLOORING, DADO-SKIRTING | a) Drawing Room, Dining and Lobby | a) Grey terrazzo flooring. | i) Silver grey Terrazzo / Ceramic tile |
| | | b) Bed Rooms. | (i) Grey terrazzo flooring | i) Silver grey Terrazzo. |
| | | c) Staircase. | (i) Grey terrazzo. | Kotah Stone. |
| | | d) Kitchen. | i) Kotah stone. ii) Glazed tiles dado upto 4'6" height or upto windowsill level or upto first projecting shelf. | i) Non Skid flooring tiles. (ii) Glazed tiles dado upto 6'-9" height. (iii) Main work tops – Baroda green finish. |
| | | e) Toilets | (i) Kotah stone flooring. (ii) Glazed tile dado upto 6'-9" height. | (i) Non Skid Ceramic tile. (ii) glazed tile dado upto 6'-9" height. |
| | | f) Garages and Stores. | (i) conglomerate flooring with skirting of relevant | i) Conglomerate flooring with matching skirting. |

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| | | | floor. | |
| | | g) Terrace. | (i) Sleeping terrace on first floor shall be finished with brick tiles with cement pointing. Terrace on ground floor shall be finished with concrete tiles or cast in situ conglomerate floor of panels not exceeding 4 sft. Area. | i) Brick bats Coba Treatment. |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS | a) Frames. | i) Pressed steel frames for all doors, windows, ventilators, openable and fixed with glazing. | Pressed steel. |
| | | b) Shutters. | i) – ii) The shutters for doors, windows, ventilators shall be of hard wood. iii) Fly mesh shutters to all outer doors shall be provided. | (i) Flush shutter with hard wood frame 35 mm thick. ISI marked. (ii) Windows, ventilators shall have Hard Wood shutter. (iii) Fly mesh shutters on all outer doors & windows. (iv) solid flush shutters for cupboards 25mm thick. ISI marked factory manufactured. |
| | | c) Wood to be used. | (i) Wood shall be kiln seasoned hard wood such as hillock, champ, chikarssy or chaplash. | Any hard wood except teak. |
| | | d) Cupboard. | (i) R.C.C. shelves 1” thick shall be provided in the cupboards and flush shutters of commercial ply with hard wood (Hollock) frames | (i) ¾ thick block board for shelves. |
| | | e) Fittings. | (i) Aluminium fitting. | Aluminium fitting. ISI marked. |
| 3. | INTERNAL AND EXTERNAL FINISHES. | a) internal Finishes. | i) all the internal walls of drawing Room, Dining room, bedrooms and lobbies shall be distempered as per color scheme and rest of the internal walls including ceiling shall be white washed. | All internal walls shall have oil bound distemper in designated area and rest white washed. |
| | | b) Joinery Paint. | (i) Joinery shall be painted with synthetic enamel paint of approved shade of first quality. | Joinery to be painted with synthetic enamel 1 st quality paint of approved shade. |
| | | c) External finishes | (i) The brick surgaces shall be finished with cement pointing with matching pigment or striking of joints, painted with snowcem. All R.C.C. work shall be plastered unless otherwise specified. | Deep struck Pointing / Plastered / Grit finished / Brick face to be painted with external paint as per color scheme. |
| 4. | SOIL WASTE & RAIN WATER PIPES. | a) Rain water pipes. | (i) All rain water pipes shall be embedded in walls. | i) All rain water pipes shall be concealed in ducts. |
| | | b) Soil Waste pipes. | (i) All rain water pipes shall be concealed in ducts. | All the soil waste pipes shall be concealed in ducts. |
| 5. | GRILLS | a) Grills. | (i) Steel grills shall be provide to outer windows. | On all floors. |
| 6. | ELECTRIC WIRING | a) Wiring | (i) the building shall have conduit wiring. | The building shall have concealed copper wiring. |
| | | b) Communication system. | Not provided | Telephone / TV/ Internet conduits be also provided as per need of the future. |
| 7. | COMPOUND WALLS AND GATES | a) Compound walls. | (i) Standard compound walls shall be provided. | Standard compound walls shall be provided. |

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| | | | (ii) The outer faces of walls shall have brick face and the inner face shall be plastered. | The outer faces of walls shall have exposed brick face and the inner faces shall be plastered. |
| | | b) Gates. | i) Standard gates shall be provided. | Standard gates shall be provided. |
| 8. | PROVISION OF RAIN & WATER HARVESTING | - | - | As per Hr.Govt. Notification. |

REVISION OF SPECIFICATIONS BY IRONITE FLOORING COMMITTEE

MAIN BUS STAND AND WORKSHOPS .

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
|---------|--------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | FLOORING, DADO-SKIRTING | a) Circulation Area / Stain Case. | Kotah stone flooring shall be provided with matching skirting in circulation area / stair. | Kotah stone with border design of Marble 15%. |
| | | b) Rooms. | Grey Terrazzo flooring with matching skirting. | Kotah / Terrazzo Silver grey. |
| | | c) Toilets | All toilets shall have kotah stone flooring with glazed tiles dado upto 6'-9" height. | (i) On floors – Granite / Kotah stone of minimum size 2'x2' On walls, granite stone / granite tiles / ceramic tiles. (ii) Urinals pots – stall type urinals. (iii) Wash basin with counter top be provided. |
| | | d) Workshop Yards. | - | Ironite flooring. |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS. | a) Frames. | Pressed steel frames for all doors, windows, ventilators, open able & fixed with glazing. | Standard steel section in toilets / ducts. Pressed Steel frames / standard steel section for all other places. |
| | | b) Door Shutters. | The shutters for doors, windows, ventilations, shall be of hard wood, factory manufactured solid flush doors shutters. | Shutters hall be factory manufactured solid flush shutters. |
| | | c) Toilets. | In toilets where water proof board shutters hall be used. | Doors to open out side, 3" above floors, steel/ aluminium frames & shutters. |
| | | d) Cupboards. | Cup board shutters of hard wood such as hillock, champ, chikrassy, chaplash etc. With commercial ply wood faced on both side. | (i) Cup Board Shutters – 25mm thick solid flush. ISI marked. (ii) Ferro cement 25mm thick / Stone slabs shelves. |
| 3. | INTERNAL AND EXTERNAL FINISHES | a) Internal Walls & Ceiling | i) All internal surfaces be finished with 3 coats of white washing ii) Steel shuttering pattern has to be provided on exposed R.C.C. work. | i) In designated area, oil bound distemper after every two years. All ceiling to be white washed. (ii) In circulation & Corridors – upto 4'-0" height ceramic tiles matching with floors or cement based white proof paint above 4'-0". For workshop Dado 6'9" |
| | | b) Joinery to be painted | Joinery shall be painted with synthetic enamel paint. | Joinery to be painted with synthetic enamel paint. |

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| | | c) External Area. | Red Sand stone / Agra Stone facing on the wall. | Plastered / Grit Finish / Concrete Finish / Stone cladding. Appropriate External painting could be used. |
| 4. | SOIL WASTE & RAIN WATER PIPES. | a) Rain water pipes. | All CI water pipes shall be embedded in walls. | (i) All RWP's be laid in approachable and openable ducts. (ii) PVC is preferred over C.I. (iii) RWP's need not to be embedded in brick walls in general. |
| | | b) Soil Waste pipes. | All the soil waste pipe shall be embedded in walls. | All the soil waste pipes shall not be exposed. |
| 5. | ELECTRIC WIRING | a) Wires | The buildings shall have conduit wiring. | Copper wiring in concealed conduits be used. |
| | | b) Lights. | No provisions. | High mask lights & glow signs be provided as per the requirement of the department. |
| 6. | PLATFORMS. | a) Workshops. | Brick work & Concrete flooring | For platforms areas for workshop, steel structure with fiber roofing be also used. |
| 7. | ROOFING | a) Roofs. | Roofs shall be of steel trusses for workshops buildings. | Flat Roofs of RCC |
| 8. | SIGNAGES / DIRECTION SIGN | - | - | Should be provide in HINDI & ENGLISH |
| 9. | RAIN WATER HAVESTING SYSTEM | - | - | As per Hr. Govt. Notification. |

REVISION OF SPECIFICATION BY ECONOMY COMMITTEE

PHC/CHC (STANDARD DESIGN)

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
|----------------|-------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | FLOORING, DADO-SKIRTING | a) Rooms | (i) all floors shall be silver grey terrazzo with matching skirting 4" high | All floors shall have silver grey terrazzo flooring with 4" matching skirting. |
| | | b) Circulation Area and Stairs. | (i) All circulation areas and stair cases shall have Kotah stone flooring dado of ceramic tiles of 12"x12" minimum size upto 5'-0" height shall be provided | All circulation areas and stairs cases shall have Kotah stone flooring, Ceramic tiles Dado 912"x12" minimum size) upto 4'-6" height shall be provided. |
| | | c) Toilet | (i) All toilets shall be provided with Kotah stone flooring and shall have dado of glazed tiles of 8"4" or larger size up to 6'-9" height. | All toilets shall be provided with Kotah stone flooring (22"x22") size and shall have dado glazed tiles upto 6'-9" height. |
| | | d) Operation Theatre | (i) All operation theatres shall be provided with marble flooring not smaller than 2'x2' size slabs. | Shall be provided Vitrified tiles flooring (2'x2' minimum size) with Ceramic tiles bigger size / Stainless steel Dado upto ceiling. |
| | | e) Ramps. | (i) Floors of ramps shall be provided with chequered tiles. Side walls shall be painted with | i) Chequered tiles / Red sand stone flooring. |

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| | | | synthetic enamel paint up to 5'-3" height (Dado) | (ii) Side walls shall have synthetic enamel paint dado upto 4'-6" height. |
| | | f) Laboratories | (i) In the Labs in the ceiling shall be painted with snowcem of approved shade. All walls shall be provided with ceramic tiles dado up to 5'-3" height. The workshops shall be finished with acid proof tiles. | i) All walls of Laboratories shall be provided with ceramic with ceramic tiles 8"x12" minimum size dado upto 5'-3" height. (ii) Ceiling of laboratories shall be painted with oil bound distemper of approved shade. (iii) The worktops shall be finished with acide proof tiles. (iv) Flooring 2'-0" x 2'-0" minimum size vitrified tiles. |
| | | g) Enquiries / Registration counters. | i) All enquiries / registration counters shall have marbles tops. | Shali have granite stone. |
| 2. | JOINERY WORK FOR DOORS, WINDOW AND VENTILATORS | a) Frames | i) All door and window shall have pressed steel frames with standard steel sections as per detailed drawings. | All door and window shall have pressed steel frames with standard steel sections as per detailed drawings. |
| | | b) Shutters. | i) All Shutters except for toilets shall be 35mm thick flush shutters ISI marked. Shutters for cupboard 25mm thick ISI marked flush shutters. | i) Shutters for all doors be 35mm thick flush shutters ISI marked. Shutters for cupboard shall be 25mm thick ISI Marked flush shutters. |
| | | c) Fittings. | i) All doors, windows, ventilators and cupboards shall have anodized aluminum fittings. | Heavy duty anodized aluminum fittings. ISI marked. |
| | | d) Operations Theatre | Not specified | Aluminum frames with standard sections as per detailed drawings. |
| 3. | INTERNAL AND EXTERNAL FINISHES. | a) Internal walls / ceiling etc. | i) All others internals walls and ceilings shall be provided with plaster and shall be white washed unless otherwise specified. | Plastered and Oil Bound Distemper. Once in two year. |
| | | b) Operation Theatres. | i) in operation theatre, all the walls and ceiling junctions shall be rounded off and the walls shall be provided with marble dados of 5'-0" x 2'-0" slabs upto the ceiling height. The ceiling shall be provided with cement plaster and shall be painted with synthetic enamel or epoxy paint. | In operation theatre, all the walls & ceiling junctions shall be rounded off. The ceiling shall be provided with cement plastered & shall be painted with synthetic enamel or epoxy paint. |
| | | c) External Surface. | i) An exposed concrete surface shall be without suffering pattern but finished smooth. All exposed bricks work wherever provided shall be provided with V-shape cement pointing. No lime surkhi pointing shall be provided. Grit finish (Dana Plaster) shall be of small granule size. | Brick / exposed concrete / plastering Grit finish / Stone cladding. |
| | | d) Joinery etc. | | All doors and cupboard shutters, Wood work, joinery sections, railing etc. shall be finished with first quality synthetic enamel paint as per colour scheme. |

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| | | e) Soil waste pipes. | i) All the soil waste and C.I. rain water pipes shall be concealed in ducts. | All the soil waste pipes shall be conducted in ducts. ISI marked if available. |
| 4. | SOLAR WATER HEATING SYSTEM | | | As per HAREDA guidelines. |
| 5. | GRILLS | a) Grills | i) Grills shall be provided to the windows and ventilators for security. | i) Grills shall be provided to the windows and ventilators for security at G.F. Only. |
| 6. | ELECTRIC WIRING | a) Wires. | i) All wires of electricity, telephone etc. shall be in conduit pipes and shall pass through independent ducts. | i) All wires of electricity telephone, copper wires, Internet conduit etc. shall be of copper & put in conduit pipes and shall pass through independent ducts. |
| | | b) Glow sign. | Not specified | Provision for glow sign be made. |
| 7. | GAS PIPE LINE | Pipe Line. | Not specified | Gas pipe line shall be provided in the operation theatre. |
| 8. | RAIN WATER HARVESTING SYSTEM. | | | As per Hr. Govt. Notifications'. |

REVISION OF SPECIFICATIONS BY ECONOMY COMMITTEE

CIRCUIT HOUSE AND REST HOUSE

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
|---------|-------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 1. | FLOORING, DADO-SKIRTING | a) Suites / Rooms. | i) All suites / rooms shall have silver grey terrazzo floors with 4" matching skirting. | Vitrified tiles flooring. Laminated flooring selected rooms. |
| | | b) Toilets | IO All the toilets shall have marble flooring with glazed tiles as dado upto 6'-9" height, where shown by the Architect. | VIP Suites shall have granite/ marble flooring and rest shall have non skid tiles and ceramic tiles dado upto 6'-9" |
| | | c) Kitchen. | i) Kitchen and pantry shall have kotah stone flooring and dado of glazed tiles upto 4'-9" height. Worktop shall be Baroda green stone. | Kitchen & Pantry shall have Kotah stone flooring and dado of glazed tiles upto 6'-9" height. Worktop shall be granite stone. |
| | | d) Drawing Room / Dinning Room. | i) Drawing rooms and dinning rooms shall have kotah stone flooring and 4" high matching skirting. | Drawing rooms and dinning rooms shall have vitrified tiles flooring with 4" matching skirting. |
| | | e) Entrance Hall, Lunges etc. | Entrance halls, lounges, staircases and verandahs shall have kotah stone flooring and 4" high matching skirting. | Entrance Hall, Lounge, staircase and verandahs shall have granite / vitrified tiles flooring with 4" high matching skirting. |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS | a) Frames | i) Pressed steel frames for all doors, windows, ventilators, openable and fixed with glazing. | Teak wood Powder coated aluminium frames for all doors, windows, ventilators for both openable and fixed glazing with polish finish. |
| | | b) Shutters | i) The shutters for doors, windows, ventilators shall be of hard wood. | The shutters for doors, windows, ventilators, shall be of hard wood with, teak Veenered polish. Doors shall |

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| | | | | have flush shutters. |
| | | c) Wood to be used. | i) Wood to be used shall be kiln seasoned hard wood such as hillock, champ chikrassy and chaplash. | Wood to be used shall be kiln seasoned hard wood as per ISI specifications. |
| | | d) Cupboards. | i) The cup boards shutters shall be factory manufactured solid flush, shutters with black board as per ISI specification No.1659-1669 and decorative veneering with vertical grains. ii) Built in dressing tables shall be of teak wood with spirit polish on exterior and white superior paint in the interior. iii) RCC shelves shall be provided in cupboards. iv) Pressed steel chowkhats shall also be provided for cupboards | i) The cupboards shutters shall be factory manufactured solid flush shutters 25mm thick with decorative. Teak vennering with vertical grains. ii) Built in dressing tables shall be of teak wood with spirit polish on exterior and white first quality enamel paint in the interior. iii) ¾ thick Block Board shall be used for shelves etc. iv) Wooden, chowkhats shall be provided for cupboards. |
| | | e) Fittings | i) Aluminium fittings to be used. | i) Aluminium fittings to be used. ISI marked. |
| 3. | INTERNAL AND EXTERNAL FINISHES | a) Internal finishing. | i) Drawing rooms, lounge, dinning rooms and suits including circulation spaces as well as VIP rooms shall have plastic emulsion paint. ii) Joinery to be painted / polished with first quality paint / polish. | i) Drawing rooms, lounge, dinning rooms and suits including circulation spaces as well as VIP rooms shall have plastic emulsion paint of approved colour. ii) Joinery to be painted / polish with first quality paint / polish. |
| | | b) External Finishes | i) The exposed brick surfaces to be finished either with cement pointing with matching pigment or striking of joints with snowcem. | i) Exposed brick surfaces to be finished with Plastered / Grit finish / Stone cladding and exterior paint as per colour scheme. |
| 4. | SOIL WASTE & RAIN WATER PIPES | a) Soil waste pipes & rain water pipes | i) All soil waste and C.I. rain water pipes shall be embedded in walls. | i) All the soil waste pipes & C.I. / PVC rain water pipes shall be concealed in ducts. |
| 5. | GRILLS | a) Grills | i) Grills shall be provided shall have conduit wiring. | i) Grills shall be provided in the windows and ventilators for security. |
| 6. | ELECTRIC WIRING | a) Wires | i) The buildings shall have conduit wiring. | Copper wiring in concealed conduits. |
| 7. | FIRE LIGHTING DEVICES. | | Not Provided | AS per Haryana Govt. Notification |
| 8. | RAIN WATER HARVESTING | | Not Provided | As per Hr. govt. Notification. |
| 9. | SOLAR WATER HEATING SYSTEM. | | - | As per HAREDA Guidelines. |

REVISION OF SPECIFICATIONS BY ECONOMY COMMITTEE

HIGHER EDUCATION (COLLEGES)

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
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| 1. | FLOORING, DADO-SKIRTING | a) Class Rooms/Office Rooms & stores. | Plain Cement concert flooring. | Floor in all class / Office rooms & Store shall be of terrazzo of silver Grey. |
| | | b) Corridors, Verandah, Entrance Hall circulation space and staircases. | Grey terrazzo flooring | Kotah stone flooring with Marble Pattern 15% |
| | | c) Canteen. | - | Kotah Stone. |
| | | d) Library | - | Kotah stone. |
| | | e) Principal Room / Computer Room/ Teacher's Common Room | Plain Cement concert flooring | Vitrified Tiles in principal's room. |
| | | f) Toilets. | Plain Cement concert flooring | Granite flooring with ceramic glazed tiles dado upto 5' |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS. | a) Frames. | Pressed steel frames for all doors, windows ventilators, open able and fixed with glazing. | Pressed steel frames for all doors, windows ventilators, openable and fixed with glazing. |
| | | b) Door Shutters. | i) Paneled door shutters of hardwood shall be provided | (i) Well seasoned ISi marked commercial hardwood flush shutters for doors and paneled shutters for bath, toilets (with cement bonded partical board). |
| | | c) Door Fittings. | All fittings of aluminium shell be provided. | All fitting of aluminium ISI marked. |
| | | d) Grills | No provision | Grills at ground floor only. At upper floor wherever required. |
| | | e) Cupboard | RCC shelves shall be provided | (i) Ferro cement RCC (Minimum thickness shelves shall be provided solid flush shutters 25mm thick phenol bonded. |
| 3. | INTERNAL AND EXTERNAL FINISHES. | a) Internal Walls & Ceiling | i) Principal room / Library / Computer room, teachers common room shall be white washed. ii) Corridors / Classrooms and ceiling shall be white washed. | (i) Principal's Room / Library / Computer Room, Teacher's Room shall be finished with oil bound distemper every two years. (ii) Corridors / classrooms O.B.D. (iii) ceilings to be White washed. |
| | | b) External Walls. | i) The exposed brick surface to be finished either with cement pointing with matching pigment or sticking of joints with snowcem. | Plastered / Bricks facing / Stone cladding external paints can be used of multiple colours. |
| 4. | SOIL WASTE & RAIN WATER PIPES. | a) Rain water pipes. | All RWPS may be exposed. | i) All rain water pipes be laid in approachable and openable ducts. |
| | | b) Soil waste pipes. | All the soil waste pipes may be exposed | (i) PVC is preferred over C.I. (ii) RWP's need not be embedded in brick walls in general. |

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| 5. | ELECTRIC WIRING | a) Wiring | The building shall have conduct wiring. | i) copper wiring in concealed conduits be used. ii) Internet ducts, telephones / TV conduits be provided as per need of the future. |
| 6. | HOUSES FOR EDUCATION WORKS. | a) Residential Buildings. | - | All residential buildings in the college schemes shall be of the same standard as for other residences in the state. |
| 7. | INTERNET & OTHER COMMUNICATION SYSTEM | a) Communication system to be adopted. | Not Provided | Telephone / Internet / TV conduits shall be provided for need future. |
| 8. | SOLAR WATER HEATING SYSTEM FOR HOSTELS. | - | - | As per HAREDA Guidelines. |
| 9. | RAIN WATER HARVESTING | - | - | As per Hr. Govt. Notification. |

REVISION OF SPECIFICATIONS BY ECONOMY COMMITTEE

I.T.I. / POLYTECHNIC BUILDINGS (STANDARD DESIGN).

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
|----------------|--------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | FLOORING, DADO-SKIRTING | a) Class Rooms/Office Rooms & stores. | Terrazzo floors in all class rooms and office rooms. | Floor in all class / Office rooms & Store shall be of terrazzo of silver Grey / Kotah stone. |
| | | b) Corridors, Verandah, Entrance Hall circulation space and staircases. | Kotah Stone flooring with 3" high matching skirting | Kotah stone flooring with Marble Pattern 80:20 ratio. |
| | | c) Canteen. | - | Kotah Stone flooring with Marble Pattern. |
| | | d) Library | Terrazzo floors in all class rooms and office rooms. | Kotah. |
| | | e) Principal Room / Computer Room/ Teacher's Common Room | - | Mat Finish vitrified tiles. |
| | | f) Workshop | - | Ironite flooring. |
| | | g) Toilets. | Kotah stone flooring with white glazed tiles dado upto 6'9" height. | Ceramic glazed tiles on walls upto a height of 6'-9", Granite flooring. |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS. | a) Frames. | Pressed steel frames for all doors, windows ventilators, open able and fixed with glazing. | Pressed steel frames for all doors, windows ventilators, openable and fixed with glazing. |
| | | b) Door Shutters. | Factory manufactured paneled and glazed door shutters of hard wood such as hillock, champs, chikrassy and chaplash etc. | (i) Well seasoned ISI marked commercial hardwood flush shutters for doors and paneled /glazed shutters for bath, toilets (cement bonded partical board Panel Inserts). |
| | | c) Door Fittings. | Aluminium fittings to be used. | All fitting of aluminium ISI marked. |
| | | d) Grills | No provision | Grills at ground floor only. At upper floor wherever |

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| | | e) Cupboard | RCC shelves shall be provided in the cupboards. Shutters shall be well seasoned hard wood with 3mm commercial ply facing on one side. | required. (i) Ferro cement RCC (Minimum thickness shelves shall be provided 25mm thick. |
| 3. | INTERNAL AND EXTERNAL FINISHES. | a) Internal Walls & Ceiling | Internal surface shall be finished with 3 coats of white washing. | (i) Principal's Room / Library / Computer Room, Teacher's Common Room shall be finished with oil bound distemper every two years. (ii) Corridors / classrooms O.B.D. (iii) White washed. |
| | | b) External Walls. | Exposed brick surface to be finished either with cement pointing with matching pigment or striking of joints with snowcem. | Plastered / Bricks facing / Grit / Exposed concrete with external paints can be used of multiple colours. |
| 4. | SOIL WASTE & RAIN WATER PIPES. | a) Rain water pipes. | C.I. rain water pipes shall be concealed in ducts. | i) All rain water pipes be laid in approachable and openable ducts. |
| | | b) Soil waste pipes. | All the soil waste pipes shall be concealed in ducts. | (i) PVC is preferred over C.I. (ii) RWP's need not be embedded in brick walls in general. |
| 5. | ELECTRIC WIRING | a) Wiring | All the wires of electricity, telephone etc. shall be in conduit pipes and shall pass through independent ducts. | i) Copper wiring in concealed conduits be used. ii) Internet ducts, telephones / TV conduits be provided as per need of the future. |
| 6. | HOUSES FOR EDUCATION WORKS. | a) Residential Buildings. | - | All residential buildings in the college schemes shall be of the same standard as for other residences in the state. |
| 7. | INTERNET & OTHER COMMUNICATION SYSTEM | a) Communication system to be adopted. | No Specifications Provided | Telephone / Internet / TV conduits shall be provided for future need also. |
| 8. | RAIN WATER HARVESTING | - | - | As per Hr. Govt. Notification. |
| 9. | SOLAR WATER HEATING SYSTEM FOR HOSTELS. | - | - | As per HAREDA Guidelines. |

REVISION OF SPECIFICATION BY ECONOMY COMMITTEE

JAILS

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
|----------------|-------------------------|---------------------------------------------------------|----------------------------------------------|--------------------------------------|
| 1. | FLOORING, DADO-SKIRTING | a) Administrative Building, Corridors Circular area. | Kotah stone with 4" high dado | Kitchen top – Kotah |
| | | b) All Rooms, Hall, Sleeping berth in | Grey Terrazzo flooring with 3" high skirting | Grey terrazzo with 4" high skirting. |

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| | | Barracks. | | |
| | | c) Kitchen / Dinning Hall, Toilets. | Kotah stone flooring with 3”high skirting | Kotah stone flooring with 4” high Dado glazed tiles upto 4” height. |
| 2. | JOINERY WORK FOR DOORS WINDOWS AND VENTILATORS. | a) Admn. Building | Pressed steel chowkhats for all doors window ventilators and shutter of hard wood. | Pressed steel chowkhats for all doors, windows, ventilators and shutters of hard wood, openable and fixed with glazing. |
| | | b) All Other Building | Grilled window ventilator with heavy duty MS flats | |
| 3. | INTERNAL AND EXTERNAL FINISHES | a) Internal finishes | All internal walls and ceiling to be cement plastered and white washed. | All internal walls shall be white washed with non sticking material every year. Ceiling will be white washed every year. |
| | | b) External finishes | The exposed brick surfaces to be finished either with cement pointing with matching pigment or sticking of joints with snowcem. | The exposed brick surface to be finished either with cement pointing with matching pigment or sticking of joints with snowcem. |
| 4. | SOIL WASTE & RAIN WATER PIPES | a) Soil waste pipe and Rain water pipe | All the soil waste and C I rain water pipes to be embedded in walls. | (i) All the soil waste and C.I. Rain water pipes be embedded in walls. (ii) PVC is preferred over C.I. (iii) |
| | | b) W.C. | China Ware Indian Type. | Steel WC Indian Type for barracks, Rest Vitrous China ware (Indian Type). |
| 5. | ELECTRIC WIRING | a) Wires | The building shall have concealed conduit wiring | Copper wiring in concealed conduits be used. |
| 6. | SOLAR WATER HEATING SYSTEM. | - | - | As per HAREDA Guidelines |
| 7. | RAIN WATER HARVESTING SYSTEM | - | - | AS per Hr. Govt. Notification. |

REVISION OF SPECIFICATIONS BY ECONOMY COMMITTEE

MINI SECRETARIATS AND JUDICIALS COMPLEXES

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
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| 1. | FLOORING, DADO-SKIRTING | a) Rooms | Grey terrazzo flooring in all rooms. | (i) Office Rooms Silver Grey terrazzo flooring (any colour). (ii) all designated rooms of class I officers and retiring rooms of Judges – vitrified tile. |
| | | b) corridors, staircases, kitchens and pantry | Kotah stone flooring with 4 high matching skirting | Kotah stone with border design of marble (10% maximum). Main staircase – Granite. |
| | | c) Main Officer Entrance Lobby | Kotah stone flooring with 4 high matching skirting | Granite upto 25% could be used. |

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| | | d) Toilets | Kotah stone flooring with 6'9" high dado of glazed tiles. | (i) Attached Toilets :- 6'9" high glazed tiles on walls. Non skid tiles flooring. (ii) general toilets:- Granite flooring, flooring with 6'-9" high dado of glazed tiles. |
| | | e) All courts, Bar rooms, Litigant Hall | Grey terrazzo flooring | Kotah stone with marble (15% maximum terrazzo. |
| | | f) Bank, Post Office, halls, Libraries | Grey terrazzo flooring | Kotah Stone. |
| | | g) Porch / Driverway /Ramp | Grey terrazzo flooring | Interlocking pavers / Concrete. |
| | | h) Record Rooms. | Grey terrazzo flooring | Ironite flooring. |
| 2. | JOINERY WORK FOR DOORS WINDOWS AND VENTILATORS. | a) Frames. | Pressed Steel frames for all doors, windows, ventilators, open able & fixed with glazing. | All frames of standard steel sections pressed steel sections of standard size. Space for window A.C. / Cooler in designated rooms to be left in glazing. |
| | | b) Door Shutters. | The shutters for doors, windows, ventilators, shall be of the wood. | (i) window with wire gauge shutters. (ii) Flush door shutters. |
| | | c) Wood to be used. | c) Wood to be used shall be kiln seasoned hard wood such as hillock, champ, chikrassy, and chaplash. | Wood to be used should be kiln seasoned hard wood except teak. |
| | | d) Cupboard | RCC shelves will be provided in the cupboards. Shutters shall be well seasoned hard wood with 3mm commercial ply facing on one side. | RCC shelves will be provided in the cupboards, Solid flush shutters 25mm thick. |
| | | e) Door fittings. | Aluminium fittings to be used. | Aluminium fittings to be used. ISI marked. |
| 3. | INTERNAL AND EXTERNAL FINISHES | a) Internal Walls & Ceiling | All internal walls and ceiling to be cement plastered and white washed. | (i) In designated area, oil bound distemper shall be provided. (ii) For all other area – distemper. |
| | | b) Joinery & Other area to be painted | Joinery to be painted with synthetic enamel paint of approved shade. | (i) Joinery to be painted with synthetic enamel paint of approved shade and brand / make. (ii) In circulation & corridors upto 4'-6" height ceramic tiles matching with floors or Mat finish water proof paint of light shade. Above 4'-6" Oil bound distemper of same shade. |
| 4. | EXTERNAL FINISHES | a) External walls | (i) Exposed brick surface shall be finished either with cement pointing with matching pigment or striking of joints with snowcem. (ii) No RCC work is to be plastered only exposed concrete finish will be kept. | (i) Plastered finish / Grit finish / Concrete finish Brick facing. Stone Cladding. Level complexes / Circuit houses. Appropriate external painting can also be used. |
| 5. | SOIL WASTE & RAIN WATER PIPES. | a) Rain water pipes | C.I. rain water pipes shall be concealed in ducts. | (i) All rain water pipes be laid in approachable and openable ducts. PVC should normally preferred over C.I. (ii) RWP's need not be embedded in brick walls in |

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| | | | | general. |
| | | b) Soil waste pipes. | All the soil waste pipes shall be concealed. | All the soil waste pipes shall not be exposed. |
| 6. | GRILLS | a) Grills. | Grills shall be provided to the windows and ventilators for security. | Grills shall be provided at ground floor and at upper floor wherever public interface exists. Record rooms and treasures to be provided with grills. |
| 7. | ELECTRIC WIRING | a) Wires | All the wires of electricity, telephone etc. shall be conduit pipes and shall pass through independent ducts. | Copper wiring in concealed conduits be used. |
| | | b) Communication System to be adopted | - | Internal ducts, Telephones / Conduits be provided as per need of the future. In case of house T.V. conduits be provided |
| 8. | WATER HARVESTING SYSTEM | a) Water Heater | - | Solar Heater to be provided for water heating in major building – Mini Secretariate, Distt. Judicial Complexes and use of Geyser should be minimized. Energy efficient lights be used. |
| 9. | FIRE SAFETY MEASURE | a) Devices. | Not provided. | Fire Safety devices be provided as per provisions made in the National Building Code. |
| 10. | RAIN WATER HARVESTING | a) Provision | Not specified. | To be provided as per notification of Haryana Govt. in this regard. |
| 11. | SOLAR WATER HEATING SYSTEM | - | - | As per HAREDA Guidelines. |
| 12. | RAIN WATER HARVESTING SYSTEM. | - | - | As per Hr. Govt. Notification. |

REVISION OF SPECIFICATIONS BY ECONOMY COMMITTEE

HOUSE FOR MINISTERS .

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
|---------|-------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | FLOORING, DADO-SKIRTING | a) Drawing Room, Dinning Room and Lobby and Bed Rooms. | Silver grey Terrazzo flooring and Marbles flooring | Vitrified Tiles flooring / marble of approved quality. |
| | | b) Satircase. | Marble Flooring | Marble flooring |
| | | c) Kitchen | i) Kotah stone flooring ii) Not specified iii) glazed tiles of 8"x4" size dado iv) Conglomerate flooring in Kitchen courtyards | (i) Marble flooring / Non skid ceramic tiles 18"x18" minimum size. (ii) Main worktaps – finished with Granite (iii) Glazed files dado upto 6'-9". (iv) Kotah Stone flooring in Kitchen courtyard. |

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| | | d) Toilets | i) Glazed tiles of 8"x4" size flooring ii) Glazed tiles dado. | (i) Marble flooring / Ceramic Tiles. (ii) Glazed tiles dado upto 6'-9" |
| | | e) all other rooms | Grey Terrazzo flooring | Vitrified tiles 2'-0" x 2'-0" |
| | | f) Garage. | Conglomerate flooring | Conglomerate flooring. |
| | | g) Driveway + Porches. | Cement concrete pavement in driveway and Chequered tiles in Porches | Cement concrete pavement in driveway and cdhquered tiles in Porches. |
| | | h) Terraces. | Kotah Stone | Brick Bats Coba Treatment. |
| 2. | JOINERY WORK FOR DOORS WINDOWS AND VENTILATORS | a) Chowkhats | Pressed Steel chowkhats for all doors, windows, Ventilators, openable & fixed with glazing | Teak wood / Seesham wood. |
| | | b) Shutters. | The shutters for doors, windows & ventilators shall be of Hard wood. | The shutters for doors, windows, ventilators shall be Hard wood shutters. Doors shall have flush shutters. ISI marked. |
| | | c) Cupboards. | i) Pressed steel frames with 25mm thick flush shutters | i) Frames of teak wood with 25mm thick solid flush shutters with teak veneers & spirit polish ¾ thick block board for shelves etc. |
| | | d) Fittings. | Shelves will be 25mm thick precast RCC with IRC Fabric Aluminium Fittings. | Brass / Stainless Steel. |
| 3. | INTERNAL AND EXTERNAL FINISHES. | a) Internal finish | Grill bound distemper | (i) All Internal walls Plastic emulsion in designated areas & rest (ii) Joinery to be painted with synthetic enamel Paint / polish of good quality for teak veneers. |
| | | b) External Finish | All RCC work shall be plastered unless otherwise specified. The exposed brick surfaces shall be finished with cement pointing with matching pigment or striking of joints with snowcem. | (i) Pointing / Plastered /Grit finished / Painted with appropriate external painting. (ii) Stone cladding as per Arch. Drgs. |
| 4. | SOIL WASTE & RAIN WATER PIPES. | a) Soil Waste Pipes | All the soil waste pipes shall be embedded in walls. | All the soil waste pipes shall be concealed in ducts. |
| | | b) Rain Water Pipes. | All the C.I. Rain water pipes shall be embedded in walls. | The C.I. rain Water pipes shall be concealed in ducts. |
| 5. | GRILLS | a) Grills | Not specified. | At ground floor only and at upper floors wherever required. |
| 6. | ELECTRIC WIRING. | a) Wiring. | (i) The building shall have conduit wiring. (ii) Communication system to be adopted | (i) Concealed Copper wiring. (ii) Internet duct, telephones / TV conduits be provide as need of the future. |
| 7. | RAIN WATER HARVESTING. | - | - | As per Hr. Govt. Notification. |

REVISION OF SPECIFICATIONS BY ECONOMY COMMITTEE

HIGHER / SENIOR SECONDARY SCHOOL BUILDINGS.

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
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| 1. | FLOORING, DADO-SKIRTING | a) Corridors / Common Areas. | Grey terrazzo flooring | Kotah stone flooring. |
| | | b) Class Rooms / Office Rooms. | Floors in all the class rooms, office rooms and store shall be of plain cement concrete. | Terrazzo flooring of Silver grey colour. |
| | | c) Toilets . | White glazed tiles on all toilet walls upto a height of 6'9" | (i) Flooring – Kotah stone with 4" high skirting. (ii) Glazed Tiles dado upto 4'-6" |
| | | d) Principal Room/Teacher's Common Room / Computer Room / Library | Plain cement concrete flooring | Ceramic Tiles minimum size 16'16" Joint free. Terrazzo. |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS | a) Chowkhats. | Pressed steel sheet frames / chowkhats to be used for all joinery work. | Pressed steel chokhats for all doors, window, ventilators, openable and fixed glazing. |
| | | b) shutters. | Well seasoned ISI marked commercial hard wood flush shutter for doors and paneled/ glazed shutters for baths, toilets | (i) Factory manufactured solid flush shutter with hard wood fram for foors, hard wood shutters for windows & ventilators. (ii) Paneled door shutters of hardwood shall be provided in toilets (with cement bonded panel inserts). |
| | | c) Cupboards Shelves. | RCC Shelves. | (i) Ferro cement R/RCC (Minimum thickness) shelves shall be provided. |
| | | d) Fittings. | All fittings to be of Aluminium | All fittings of Aluminium shall be provided ISI marked. |
| | | e) Grills | Not provided | Grills at ground floor, Library, Stores Computer Rooms, Labs. |
| 3. | INTERNAL AND EXTERNAL FINISHES | a) Internal Finishes | Finish on walls shall include cement – plaster with three coats of white washing except principal's room, staff rooms, committee rooms and library rooms which will have distemper finish. | (i) Principal Room / Library / Computer Room, Teachers Common Room, Class Room, shall have oil bound distemper. (ii) Toilets shall be white washed. |
| | | b) External finishes | Outer wall faces shall have cement pointing & snowcem paint if no other facing work if done. | (i) Plastered surface / Bricks facing shall have external paints as per colour scheme. (ii) No RCC work to be plastered, unless otherwise specified. |
| 4. | SOIL WASTE & RAIN WATER PIPES. | (a) Soil Waste Pipes. | All the soil waste pipe shall be concealed in ducts. | All the soil waste pipes may be laid in approachable ducts. |
| | | b) Rain Water Pipes. | All C.I. rain water pipe shall be concealed in ducts. | (i) All the Rain Water pipes be laid in approachable and openable ducts. PVC is preferred over CI RWP's |

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| | | | | need not be embedded in brick walls in general.. |
| 5. | ELECTRIC WIRING | a) Wiring | All the wires of electricity, telephone etc shall be in conduit pipes and shall pass through independent ducts. | (i) Concealed Copper wiring. (ii) Internet ducts, telephones / TV conduits be provided as per need of the future. |
| 6. | TELEPHONE & OTHER COMMUNICATIONS SYSTEM. | a) Telephone & Other | Not Provided | Telephone / internet / TV conduits shall be provided for need future. |
| 7. | HARVESTING WATER HARVESTING SYSTEM. | - | - | As per Hr. Govt. Notification. |

REVISION OF SPECIFICATIONS BY ECONOMY COMMITTEE

SUBORDINATE REST HOUSE

| Sr. No. | Items | Sub Items | Present Specifications | Revised Specifications |
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| 1. | FLOORING, DADO-SKIRTING | a) Rooms, Dormitories, Dinning Hall etc. | i) All rooms, dormitories, dinning halls and kitchen blocks shall have grey terrazzo floors with match 3" high skirting. | All rooms, dormitories, dinning halls and kitchen blocks shall have silver grey terrazzo flooring with 4" high matching skirting. |
| | | b) Sweepers, Chowkidars rooms and garages etc. | i) Conglomerate flooring in rooms of sweepers, chowkidars, guards and garages with 3"high matching skirting. | i) Conglomerate flooring in rooms of sweepers, chowkidars, guards and garages with 4"high matching skirting. |
| | | c) Circulations spaces etc. | i) Circulation spaces, verandahs, passages shall have grey terrazzo flooring with 4" high skirting of same specifications. | Circulation spaces, verandahs, passages shall have silver grey terrazzo flooring with 4" high matching skirting. |
| | | d) Toilets | i) Toilets shall have kotah stone flooring with 6'-9" height dado of glazed tiles. | Toilets shall have ceramic tile flooring with 6'-9" height dado of glazed tiles. |
| | | e) Kitchen | i) Baroda green stone slab as work top kitchens with terrazzo dado upto 4'-9" height. | Kitchen working top-Baroda Green / Kotah stone flooring / Glazed Tiles upto 6'-9" |
| 2. | JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS | a) Shutters | i) Shutters of hard wood with panel of 12mm thick commercial ply veneered at both sides particle board or ply wood. ii) The shutters for ventilators, windows shall be hard wood | i) All joinery shall have pressed steel, Chowkhats. ii) The shutters for doors, ventilators, windows shall be in hard wood. Doors shall have solid flush shutters. ISI marked. |
| | | b) Frames. | i) Chowkhats of standard steel sanctions for openable and fixed steel windows, ventilators with glazing. | Chowkhats of standard steel sanctions for openable and fixed steel windows, ventilators and glazing. |
| | | c) Fittings | i) Anodized iron fittings shall be used for wood work. | Doors and Windows fitting shall be of Aluminium. ISI marked. |

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| | | d) Cupboards | i) RCC shelves in cupboards, Cupboard shutters shall be of hard wood with 3mm commercial ply facing on 1 side with pressed steel chowkhats. | Ferro cement / RCC shelves in cupboards shall be provided. |
| 3. | INTERNAL AND EXTERNAL FINISHES | a) Internal wall ceiling. | i) All internal wall & ceiling shall be cement plastered and white washed. ii) Joinery to be painted with synthetic enamel paint of approved shade. | i) All internal walls shall have oil bound distemper in Rooms, dormitories, Halls and rest shall be white washed. ii) Joinery to be painted with synthetic enamel paint of approved shade. |
| | | b) External Surfaces | i) The exposed brick surfaces to be finished either with cement pointing with matching pigment or striking of joints with snowcem. ii) No RCC work to be plastered, unless otherwise specified. | i) Plastered / Grit finished painted with appropriate external paint. ii) No RCC work is to be plastered, unless otherwise specified and shall have smooth finish. |
| 4. | SOIL WASTE & RAIN WATER PIPES GRILLS, ELECTRIC WIRING | a) Soil waste pipes & Rain water pipes. | i) All soil waste and C.I. Rain water pipes shall be embedded in walls. | i) All the soil waste pipes & C.I. / PVC rain water pipes shall be concealed in ducts. SW pipes ISI marked if available. |
| | | a) Grills . | i) Steel grills to be provided to all outer windows / ventilators. | i) All ground floor only and at upper floor wherever required. |
| | | a) Wires. | i) the building shall have conduit wiring. | Concealed copper wiring |
| 5. | PROVISION FOR SOLAR WATER HEATING SYSTEM | - | - | As per HAREDA Guidelines. |
| 6. | RAIN WATER HARVESTING | - | - | As per Hr. Govt. Notification. |