

266/ ACV

Public Works Department (B&R) Haryana

Engineer-in-Chief (Buildings) Nirman Sadan (PWD B&R Office Complex)

Sector- 33-A, Chandigarh-160020 Email: eicbldgs@gmail.com

To

1. All the Administrative Secretaries to Government of Haryana

Steve Vigilance 2. All the Head of Departments of Haryana Government 3. All the Heads/MDS/CEOs of Boards/Corporations in the State. Plot No 1

4. All the Divisional Commissioners in the State.

5. All the Deputy Commissioners in the State.

SECTOR 23 PKL

No 67574

Dated :-

28.4.2022

Subject:

Re-Revision of Specifications regarding Repair, Special Repair and Renovation of Government Houses.

The Government has approved the proposal in the subject cited matter vide this office U.O No 42303/WI dated 10.03.2022 as under:-

- House allottee of Government residential accommodation being maintained by 1. PWD B&R shall bear 60% cost of out of norms renovation work / items which are beyond norms and remaining 40% shall be borne by the Government.
- The specifications of new construction /renovation with Makes of items for every category House are enclosed for ready reference.

DA/ As above

Executive Engineer (B-II) for Engineer-In-Chief,(Bldgs) Haryana, PW(B&R) Deptt. Chandigarh

Endst No.

WI Dated

A copy of the above is forwarded to the following for information and necessary action.

- PS /Dy CM, PS/CS, PS/ACSPW
- All the Superintending Engineers Haryana PWD B&R Department.
- All the Executive Engineers Haryana PWD B&R Department. 3.
- IT officer (Head office) for putting the instructions on website of Department.

DA/ As above

CSA-(8/0) BAM

Executive Engineer (B-II) for Engineer-In-Chief, (Bldgs) Haryana, PW(B&R) Deptt. Chandigarh

2300 Chus

वेरी बनाओं

हरियाणा सरकार



Subject:-Re-Revision of Specifications regarding Repair, Special Repair and Renovation of Govt. Houses.

Will the Additional Chief Secretary to Govt. of Haryana Public Works (B&R) Department kindly refer to the subject noted above?

- 1. Govt. had been requested vide this office U.O. No. 23439/WI dated 09.02.2022 (Annexure-I) for approval of
 - i) House allottee should be asked to bear 100% cost of renovation works which are out of norms.
 - ii) Some new building materials/items, as under, have been introduced in the market, and the same need to be approved by Govt. so as to maintain and repair the Govt. Houses as per latest building materials/items in the market
 - a) Modular Kitchen
 - b) Cup Boards shelves and Cup Board provided with 19 mm thick green ply.
 - c) Drive way finish with pre-polished checqured tiles.
 - d) False Ceilings
 - e) Shed for car parking
 - f) Jaguar fittings in bath and kitchen
 - g) POP on Ceilings
 - h) Wall Putti
 - i) Jafri on boundary wall
 - j) Provision for exhaust fan, geyser in toilet
 - k) Space for washing machine in toilet/ rear courtyard finish with Non skid tiles size 12"x12".
 - 1) European WC to be provided
 - m) Stainless steel sink
 - n) PH & Electrical point to be made for exhaust fan/water filter/geyser.
 - 2. The matter was discussed by Govt. with Hon'ble Deputy Chief Minister, Haryana and it was suggested and directed (as at page-4 of Annexure-I) that-
 - (i) House allottee shall be asked to bear 60% cost of renovation works taking out of norms. Remaining 40% shall be borne by the Govt.

GOVERNMENT OF HARYANA ''बेटी बचाओ – बेटी पढ़ाओ''



- (ii) It was directed by Govt. the specific products (items)/ makes be finalized for every category house.
- 3. As per orders the Govt., the Specifications for New Construction/Renovation have been prepared with makes for every category house and same is attached at Annexure-II.

Accordingly, the Govt. is requested for according approval for -

- House allottee should be asked to bear 60% cost of renovation works taking out of norms. Remaining 40% shall be borne by the Govt. (as at page- 4 of Annexure-I)
- (ii) the Specifications for New Construction/Renovation with makes for every category house (Annexure-II)

,please

U.O. No. 42303 /WI Dated 1013122

SE(Buildings)

C.E. (Buildings)

E.I.C(Buildings)

(Tilak Raj Gupta) EE (Building-II)

Anil Kumar Dahiya) SE(Buildings)

ACSPW(B&R)

HYANT CHAUTALA Deputy Chief Minister, Haryana

المال (Anurag Rastogi), IAS

ACSPW (B&R) & Architecture

बेटी बचाओ — बेटी पढ़ाओं''

CE(B) SE LM . R



हरियाणा सरकार



-3-

U.O Note bearing No. 42303/WI dated 10.03.2022 (Flag-X) at NP-1 and 23 alongwith Hon'ble Deputy Chief Minister's remarks "what is Status of revised Norms" may be seen by officers, please.

In this connection, it is brought out that as per order of Government to finalise the Specific products (items)/makes for every category house" as at page-4 of Annexure-I, the Specifications for New Construction/Renovation with 'Makes', for every category house are available at Annexure-II, along with about U.o. Nata.

> So, we may request to Govt again to bring the same into the notice of Hon'ble Deputy Chief Minister Haryana, for approval of 3 (i) and 3 (ii), as at 'Page 2' of U.O. Note No. 42303/WI dated 10.03.2022, please.

23/03/2022 EE (BOOGSI)

Zhei/2

1273

(Anurag Ras (Si), IAS ACSPW (B&R) & Architecture

SE (Bodes)

SECT!

Ely(PO

ACSAW Dy CM

PUSHYANT CHAUTALA Deputy Chief Minister, Haryana

A CUPTU

11-04-12

11-4-22

GOVERNMENT OF HARYANA
"बेटी बचाओ — बेटी पढ़ाओ"

4

3 13/4

over Ninister

16 OUT US-I (5= 15 2)

SPECIFICATIONS FOR NEW CONSTRUCTION/RENOVATION

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

		2.												No.
		JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS.											FLOODING, DADO-SKIRTING	Itoms
c) Wood to be used.	b) Shutters.	a) Frames	i) Driveway	h) Sleeping Terrance.	g) Servant Toilet.	office, m, Store		e) Toilets. All PH fitting:-	d) Verandah, Balcony	come	c) Kitchen	b) Staircase.	 a) 1. Drawing Room, Dinning, Lobby, Entrance Hall. ii) Bed Room, Study room, Office room, 	Sub Items
Wood to be used shall	The shutters for doors, windows, hard wood except teak.	Hardwood frames for all doors, openable & fixed with glazing.	ı	Coba Treatment.	Ceramic tile Floo 4'6" on Dado.	Security guard Conglomerate flo	(iii) Dado - Ceramic minimum size 8"xl2"		d) Kotah stone.		c) (i) Non Skid (ii) Worktops to (iii) Glazed tiles	b) Kotah Stone.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
I shall be kiln seasoned hard woch as	oors, windows, teak.	, winc	- I make		Ceramic tile Flooring. Ceramic tiles 8"x12" size upto 4'6" on Dado.	flooring with skirting of relevant type.	Ceramic tiles upto 7'-0" with border, re 8"x12".	Non Skid Ceramic Tiles. for Installation of washing machine shall		agastique tragge American est est facilité	 c) (i) Non Skid Ceramic tiles flooring. (ii) Worktops to be finished with Granite. (iii) Glazed tiles dado upto 6'-9" 		a) i. Vitrified tiles minimum size 2'-0" x 2'-0" ii. Ceramic tile Non Skid.	Present Specifications
vocate as Wood to be used shall be kiln seasoned hard	be		G	Rustic tiles with pattern/Kotah stone, Marble				2	Baroda Green marble with mar double charged tiles of any size	(iv) Modular Kitchen Cabinets under wo with 20mm Block Board with Lamination. (v) Stainless steel double sink.	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 9"	b) Baroda Green/White Marble	a) i. New Constn.:- Marble Stone. Make: Kajaria, Jonshon & Johnson, Orient ii. Renovation:- Vitrified double charged -0" or above./ wooden flooring of make G- Action Tesa and equilarant	Propose
seasoned harca and as per LS.I.	Flush shutter 30mm thick ISi marked with 3mm thick Veneer on both sides ISi Marked. Windows, ventilators shall be hard wood except teak. Wooden chowkhats.	doors, windows, ventilators,		h stone, Marble.	Ceramic rectified tile 'flooring with Dado- 18"xl 2" size upto 7.	in camp office.	 (11) Dado- Ceramic rectified tiles upto / with border with size 12"x 18" or above. (iv) Undercounter Wash basin with Granite top. (v) Wall hung type WC. Makes all PH fitting: - Jaquar/ Hindware / Cera or equivalent 	(i) Flooring- Granite stone tiles. (ii) Provision for installation of washing machine shall be made separately by pvdg. Washing area.	Baroda Green marble with marble pattern/ Anti skid Vitrified double charged tiles of any size.	Modular Kitchen Cabinets under worktop and overhead-20mm Block Board with Lamination. stainless steel double sink.	 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" 	ble.	 a) i. New Constn.:- Marble Stone. Make: Simpolo, Kajaria, Jonshon & Johnson, Orient ii. Renovation:- Vitrified double charged tiles 2'-0"x 2'-0" or above./ wooden flooring of make Green Panel, Action Tesa and equilavant 	Proposed Specifications & Makes

× ;	7		6.			S					torra-					4	44					Т	Τ							7	1].
SOLAR WATER HEATING	RAIN WATER HARVESTING	SYSTEMS SYSTEMS	INTERNET & OTHER		UAIES.	COMPOUND WALLS AND			ELECTRIC WIRING		GRILLS		1)			PIPES.	SOIL WASTE & RAIN WATER						A ALVADORATION	3. INTERNAL AND EXERNAL					4			P .	Leonard
			a) Communication system	b) Gates.		a) Compound walls.		h) Switches, MCBs.	a) Wires.		a) Grills	b) Soil waste pipes.			,	b b	a) Rain water pipes.				V) LAWING MINOR	c) Fyternal finish	L) Tainner mainting	a) Internal walls & Ceiling	g) Door Fittings.	f) Wires gauge shutters.			e) Toilets.		u) cupocaus.	d) Cuphoards	5.
As per Hr. Govt. Notifications.	As per Hr. Govt. Notifications.	needs for future.	Telephone / Internet / TV conduits should be proved for	Standard gates shall be provided.	inner faces shall be plastered.	The o	4	CBs of sturdy material of standard quality,	r wiring in concealed conduits be provided.	categories of houses to give greater security to the house.	windows to be provided in all	All the soil waste pipes shall not be exposed.	general.	(iii) RWP's need not be embedded in brick walls in	(ii) PVC pipes shall be used.		(i) All R.W.P.s be laid in approachable shall be	Cenpi;r:o	(ii) All RCC work shall be plastered unless otherwise))	h appropriate	(i) Painting / Plastered / Grit finished / Brick facing /	I-	Oil bound Distem per, Ceiling to be white washed with non sticking material		Fly mesh shutters to at 1 outer doors / windows to be provided.		paneled shutters with cement bonded particle board	Bath and toi J-ets shall have Hard wooo chowkhats and	V.2		(i) 3/4 thick Block board shelves.	per I.S.I. specification.
	Mandatory.		Telephone / Internet / TV conduits and wiring.	Standard gates of 5'-11 1/2 high shall be provided.	Fiber Glass Jafri 2;6" high on front B/wall alongwith side wall	Standard compound walls shall be provided. The outer faces of walls shall have placeared with nattern if any Wooden or	equivalent.	Modular Switches, MCBs ISI marked. Anchor, Havells SSK or	Copper wiring in concealed conduits be provided. Havells, R.R, KEI		Steel Grills to outer windows / Ventilators to be provided.	All Soil waste pipes shall not exposed.			(iii) RWP's need not be embedded in brick walls in general.	(ii) PVC pipes ISi Marked.	(i) All R. W.P.s be laid in approachable ducts.	specified.	(ii) All RCC work shall be plastered unless otherwise			Joinery shall be painted with Sprit polishing.		Plastic Emulsion. Asian paint, Nerotac, Delux, Shalimar or equivalent.	Stainless Steel Grade 304 fittings [SJ Marked.		+-		Bath and toilets shall have Hard wood chowkhats Flush	Teak veneered on one side.	(ii) Flush shutters 25mm thick ISi marked with 3mm thick	(i) 20 mm thick Block board ISI Marked Box type cupboa ds:	specification.

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 consuming thus not proposed. P/f tile is quicker and feasible.

Take to the second

SPECIFICATIONS FOR NEW CONSTRUCT. JM/RENOVATION

The second second

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

			2.									4					14	Sr.
	:		JOINERY WORK FOR DOORS, WINDOWS AND VENTILATORS													FLOORING, DADO-SKIKTING		Items
		b) Shutters.	a) Frames.		h) Terrace.	g) Garages and Stores.			e) Toilets- Cera f) All PH fitting:-				d) Kitchen.	c) Staircase.	b) Bed Rooms.	Bedrooms and Lobby		Sub Items
(iv) Solid flush shutters for cupboards 25mm thick. ISI marked factory manufactured.	shutter. (iii) Fly mesh shutters on all outer doors &	(i) Flush shutter with hard wood frame 35 mm thick. ISI marked.(ii) Windows, ventilators shall have Hard Wood			Brick bats Coba Treatment.	Conglomerate flooring with matching skirting.			(i) Non Skid Ceramic tile. (ii) glazed tile dado upto 6'-9" height.	22	,	(iii) Main work tops - Baroda green iniish.	(ii) Glazed tiles dado upto 6'-9" height.	Kotah Stone.	Silver grey Terrazzo.	a) Dillan Brail Co	o) Silver grev Terraggo/ Ceramic tile	Present Specifications
	(iii) Fly mesh shutters on all outer doors & windows. Make:- Century, Duro or equivalent.	be hard wood except teak. (ii) Windows, ventilators shall have Hard Wood glazed	Pressed steel.	Kotah Stone with marble pattern.	Kotah stone with marble/ Anti skid Ceramic tiles.		Makes: Hindware/ Perryware., Kajaria, Cerra or equivalent.	(iii) Dado- Ceramic rectified files upto / with size 24 x	(i) Provision for Installation of Washing machine shall be made in toilet/rear courtyard.	(v) Stainless steel sink.	Block Board with Lamination.	(iii) Ceramic rectified tiles 24"-18" in dado upto 6'-9"	Renovation:- Non Skid Ceramic tiles in flooring.	i) New Constn:- Granite stone in flooring.	Vitrified double charged tiles 2-0 x 2-0.	Jonshon & Johnson, Orient ii) Renovation: Vitrified double charged tiles 2;0" x 2'-0"	i) New Constn. :- Marble Stone Make :- Simpolo, Kajaria,	Proposed Specifications

c) Wood to be used. d) Cupboard. e) Fittings. AND EXTERNAL a) Internal Finishes. b) Joinery Paint. c) External finishes c) External finishes b) Soil Waster pipes. a) Grills. a) Wiring b) Communication system Switches MCB. WALLS AND a) Compound walls. b) Gates. FRAIN & WATER -		As poi in comment	6	COLAR WATER HEATING	0
c) Wood to be used. d) Cupboard. 25. tink block board for shelves. (4) Cupboard. 25. tink block board for shelves. (5) Fittings. INTERNAL AND EXTERNAL a) Internal Finishes. INTERNAL AND EXTERNAL a) Internal Finishes. (6) External finishes. (7) External finishes. (8) Fittings. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall be concealed of oil ducts. Soil waste pipes shall be concealed in ducts. Soil waste pipes shall have concealed copper wiring. Soil waste pipes shall have concealed copper wiring. Soil waste pipes shall be provided. Standard compound walls shall be provided. Standard gates shall be provided. As per Hr. Govt. Notification.	1	As ner Hr Govt. Notification.		HARVESTING	
c) Wood to be used. d) Cupboard. e) Fittings. RNTERNAL AND EXTERNAL a) Internal Finishes. b) Joinery Paint. c) External finishes. C) External finishes. Deap struck Pointing / Plasteted / Grit finished / Unality paint of approved shade. SOIL WASTE & RAIN WATER A) Rain water pipes. Di waste pipes shall be concealed in ducts. Di waste pipes shall be concealed in ducts. Doil waste pipes shall be concealed in ducts. SOIL WASTE & RAIN WATER A) Soil Waste pipes. COMPOUND WALLS AND COMPOUND W		AS per in cover a consession.	1	PROVISION OF RAIN & WATER	00
c) Wood to be used. c) Wood to be used. d) Cupboard. All internal walls shall have oil bound distemper in designated area and rest white washed. purison to be painted with synthetic enamel landly paint of approved shade. purison to be painted with synthetic enamel landly paint of approved shade. purison to be painted with synthetic enamel landly paint of approved shade. purison to purison to the print of approved shade. purison to purison to the print of approved shade. purison to be painted with synthetic enamel landly paint of approved shade. purison to be painted with external paint as per color scheme. purison to be painted with external paint as per color scheme. purison to be painted with external paint as per color scheme. purison to be painted with external paint as per color scheme. purison to be painted with external paint as per color scheme. purison to be painted with external paint as per color scheme. purison to be painted with external paint as per color scheme. purison to be painted with external paint as per color scheme. purison to be painted with external paint as per color scheme. purison to be painted with external paint as per color scheme. purison to be painted with external paint as per color scheme. D) All rain water pipes shall be concealed in ducts. D) All rain water pipes shall be concealed in ducts. On all floors. Conformation system The building shall have concealed copper wiring. The building shall have concealed opper wiring. Standard compound walls shall be provided.	Mandatory	As nor Hr Govt Notification.	b) Gates.		
c) Wood to be used. Any hard wood except teak. d) Cupboard. 25 direct block board for shelves. All internal miling. ISI marked. All internal walls shall have oil bound distemper in designated area and rest white washed. FINISHES. INTERNAL AND EXTERNAL a) Internal Finishes. All internal walls shall have oil bound distemper in designated area and rest white washed. Deep struck Pointing Plastered / Grit finished / Brick face to be painted with synthetic enamel 1st quality paint of approved shade Deep struck Pointing Plastered / Grit finished / Brick face to be painted with external paint as per color scheme. SOIL WASTE & RAIN WATER a) Rain water pipes. b) Soil Waste pipes. c) Soil waste pipes shall be concealed in ducts. b) Soil waste pipes shall be concealed in ducts. COMPOUND WALLS AND a) Compound walls. The building shall have concealed copper wiring. The price and the inner faces of walls shall be provided. The or and the inner faces of walls shall be plas tered.	Standard gates of 5-11 ½ nigh shan of	Standard gates shall be provided.			
c) Wood to be used. Any hard wood except teak. 2. d) Cupboard. 2. d) Cupboard for shelves. 2. d) Communication system 3. All internal walls shall have oil bound distemper in designated area and rest white washed. 3. designated area and rest white washed. 3. designated area and rest white washed. 4. Doinery to be painted with synthetic enamel 1st paints of approved shade of the funders. 3. designated area and rest white washed. 3. designated area and rest white washed. 4. Doinery to be painted with synthetic enamel 1st paints of approved shade of the funders. 3. designated area and rest white washed. 3. designated area and rest white washed. 4. Doinery to be painted with synthetic enamel 1st paints of appr	faces of walls shall have plastered with Wooden or Fiber Glass Jaffi 2'6" high	Standard compound walls shall be provided. The outer faces of walls shall have exposed brick face and the inner faces shall be plas tered.	a) Compound walls.	WALLS	7.
c) Wood to be used. Any hard wood except teak. d) Cupboard. e) Fittings. INTERNAL AND EXTERNAL a) Internal Finishes. FINISHES. b) Joinery Paint. c) External finishes c) External finishes SOIL WASTE & RAIN WATER a) Rain water pipes. GRILLS GRILLS a) Wiring b) Communication system c) Wood to be used. Any hard wood except teak. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. All internal walls shall have oil bound distemper in designated area and rest white washed. Deep struck Pointing / Plasted / Grit finished / Deep struck Pointing / Plasted / Grit finished / Brick face to be painted with external paint as per color scheme. SOIL WASTE & RAIN WATER a) Rain water pipes. b) Soil Waste pipes a) Wiring b) Communication system The building shall have concealed in ducts. The building shall have concealed copper wiring.	Make:- Anchor, cona, Legrand or equestion of the compound walls shall be particularly to the compound with the particular of the compound walls shall be particularly to the compound wall be particularly to the compound walls shall be particularly to the compound wall the compound walls shall be particularly to the compound wall	Telephone / TV/ Internet conduits be also provided as per need of the future.	Switches MCB.		
c) Wood to be used. Any hard wood except teak. d) Cupboard. 25-direck block board for shelves. All minimum fitting. ISI marked. e) Fittings. All internal walls shall have oil bound distemper in designated area and rest white washed. FINISHES. b) Joinery Paint. Guality paint of approved shade c) External finishes c) External finishes Brick face to be painted with external paint as per color scheme. SOIL WASTE & RAIN WATER a) Rain water pipes. b) Soil Waste pipes. Soil waste pipes shall be concealed in ducts. On all floors. CREILIS Any hard wood except teak. All minimum fitting. ISI marked. designated area and rest white washed. All minernal walls shall have oil bound distemper in designated area and rest white washed. C) External finishes c) External finishes b) Joinery Paint. Quality paint of approved shade c) External finishes b) Finishes c) External finishes Brick face to be painted with external paint as per color scheme. Soil waste pipes shall be concealed in ducts. On all floors.	Telephone/ Internet / TV conduits and Make: North west, Legrand, Grand	The building snam nave convenient copper	a) Wiringb) Communication system	ELECTRIC WIRING	
c) Wood to be used. Any hard wood except teak. d) Cupboard. 25 direk block board for shelves. Aluminium fitting, ISI marked. e) Fittings. INTERNAL AND EXTERNAL a) Internal Finishes. FINISHES. b) Joinery Paint. c) External finishes c) External finishes c) External finishes b) Soil Waste pipes. c) Wood to be used. Any hard wood except teak. Aluminium fitting, ISI marked. designated area and rest white washed. Joinery to be painted with synthetic enamel 1st quality paint of approved shade c) External finishes Brick face to be painted with external paint as per color scheme. SOIL WASTE & RAIN WATER a) Rain water pipes. b) Soil Waste pipes shall be concealed in ducts. Soil waste pipes shall be concealed in ducts.	Copper wiring in concealed conduits b		a) Grills.	CRITIS	7
c) Wood to be used. Any hard wood except teak. (a) Cupboard. (b) Fittings. (c) Fittings. (d) Cupboard. (e) Fittings. Aluminium fitting. ISI marked. All internal walls shall have oil bound distemper in designated area and rest white washed. FINISHES. (c) External finishes. (d) Cupboard. (e) Fittings. All uninium fitting. ISI marked. All internal walls shall have oil bound distemper in designated area and rest white washed. FINISHES. (e) Fittings. All internal walls shall have oil bound distemper in designated area and rest white washed. Finished / Grit finished / Deep struck Pointing / Plastered / Grit finished / Deep struck Pointing / Plastered / Grit finished / Color scheme. SOIL WASTE & RAIN WATER a) Rain water pipes. i) All rain water pipes shall be concealed in ducts.	On all floors.	Soil waste pipes shall be concealed in ducts.	b) Soil Waste pipes.	PIPES.	
c) Wood to be used. Any hard wood except teak. 25 times block board for shelves. Aluminium fitting. ISI marked. All internal walls shall have oil bound distemper in designated area and rest white washed. FINISHES. b) Joinery Paint. b) Joinery Paint. c) External finishes c) External finishes b) External finishes c) External finishes c) External finishes c) External finishes	(i) All R.W.P.s be laid in approachable (ii) PVI' pipes ISI Marked. CT Soil waste nines shall not exposed.	i) All rain water pipes shall be concealed in ducts.	a) Rain water pipes.	SOIL WASTE & RAIN WATER	4.
c) Wood to be used. Any hard wood except teak. 25 dinck block board for shelves. 26 d) Cupboard. 27 dinck block board for shelves. Aluminium fitting. ISI marked. All internal walls shall have oil bound distemper in designated area and rest white washed. FINISHES. b) Joinery Paint. b) Joinery Paint. Joinery to be painted with synthetic enamel 1st quality paint of approved shade. FINISHES. C) Wood to be used. Any hard wood except teak. Aluminium fitting. ISI marked. All internal walls shall have oil bound distemper in designated area and rest white washed. FINISHES. b) Joinery Paint. Joinery to be painted with synthetic enamel 1st quality paint of approved shade.	per color scheme. (ii) All RCC work shall be plastered specified.		c) External finishes		
c) Wood to be used. Any hard wood except teak. 35 direct block board for shelves. Aluminium fitting. ISI marked. All internal walls shall have oil bound distemper in designated area and rest white washed. ETNICHES C) Wood to be used. All internal walls shall have oil bound distemper in designated area and rest white washed.	Asian paint, Nerolac, Delux, Shaliman (i) Plastered / Painted with appropriate	quality paint of approved shade quality paint of approved shade	b) Joinery Paint.	T.TIMOTHO.	
c) Wood to be used. Any hard wood except teak. d) Cupboard. 25 unck block board for shelves. e) Fittings. Aluminium fitting. ISI marked. Aluminium fitting in the cost bound distemper in	Shalimar or equivalent. Joinery shall be painted with synthetic	anama!	a) Internal Finishes	L AND	'n
c) Wood to be used. Any hard wood except teak. d) Cupboard. 25 unck block board for shelves.	Plastic Emulsion. Asian paint, Nerola	Aluminium fitting, ISI marked.	e) Fittings.		
c) Wood to be used. Any hard wood except teak. d) Cupboard. 25 unck block board for shelves.	with sprit polish.				
Any hard wood except teak.	:25:mm thick.Block board ISI Marked s (ii) Flush shutters 25mm thick ISI market	board for shelves.	d) Cupboard.		especial services in the servi
	Wood to be used shall be Kiln seasons per I.S.I. specification.		c) Wood to be used.		

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.

9.

SOLAR WATER HEATING

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 consuming 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)

c) Wood to be used. hard-teak.		e) Driveway	d) Staircase		c) Toilets		b) Kitchen (i) Non Skid Ceramic (ii) Ceramic tiles dadd (iii) Working top sha BarodaGreen marble.	Balcony, ,	tems Sub rems Store	
hardwood as per ISI specifications except teak.	sh	Pressed steel frames for all doors, windows Pressed steel frames for doors, windows, ventilators	Vlakes: Daroua Green white frances	size 18"x 12" or above. Makes: Hindware, Cera or equivalent.	(i) Non Skid Ceramic Tiles flooring. (ii) Glazed tiles dado upto 6'-9" height. (iii) Glazed tiles dado upto 6'-9" height. (iii) Dado- Ceramic rectified tiles upto 7'-0" with border	Marked with Lamination. Laminated shutters with Pressed steel chowkhats under worktop. (v) Stainless steel sink.	(i) Non Skid Ceramic tiles flooring. (ii) Ceramic tiles dado upto 6'-9". (iii) Working top shall be finished in Baroda Green marble. (iii) Worktops to be finished with Baroda Green marble. (iii) Ceramic rectified tiles 18"xl2" in dado upto 6'-9". (iii) Ceramic rectified tiles 18"xl2" in dado upto 6'-9".		our.	Present Specifications Revised Specifications

	5. I	4.	8.4		3			
	ELECTRIC WIRING	SOIL WASTE & RAIN WATER PIPES.			INTERNAL AND EXTERNAL FINISHES			
b) Switches/ MCB's	a) Wires	a) Rain water pipes	c) External walls/ surfaces.	b) Joinery paint.	g) Wire gauge shutters. a) Internal walls and Ceiling	f) Toilets PH fittings:	e) Door fittings	d) Cupboards
Switches/ MCB's be of empanelled Cos.	Copper wiring in concealed conduits be used.	(i) All R.W.Ps to be laid in approachable and openable ducts.(ii) C.I rain water pipes shall be preferred.(iii)	k surfaces shall be finished inting with matching pig it based paint. works shall be plastered u fied. urfaces shall have cement burfaces shall be plastered to fied.	Joinery to be painted with synthetic enamel paint as per colour scheme.	Fly mesh shutters to all the outer doors and windows shall be provide. All internal walls shall have OBD & Ceiling to be white washed.	Bath & Toilets shall have Pressed steel chowkhats with paneled shutters of hard wood (Hollock)/PVC/Cement bonded particle board panel inserts shall be used.	Anodized aluminium fittings shall be used . ISi marked.	(i) Perro cement / KCC 25mm unch shelves incupboards. (ii) Pressed steel chowkhats & shutters of hardwood frame with 4 mm thick commercial Ply face on both side. ISI marked.
Switches, MCBs IS1 marked. Makes: Indoasian, C&S.	Makes: Plaza, Polycab.	(i) All R.W.P.s to be laid in approachable and openable ducis. (ii) PVC pipes ISi Marked.	(i) Plastered / rainted with appropriate external paint as post colour scheme. (ii) All RCC work shall be plastered unless otherwise specified	Joinery shall be painted with synthetic enamel paint.	Fly mesh shutters to all outer doors / windows to be provided. Oil Bond Distemper.	Bath and toilets shall have Pressed steel chowkhats and Laminated Flush shutters ISI Marked. All PH fitting: Hindware/Perryware., Kajaria, Cerra or equivalent.	Anodized Aluminium fittings ISI marked.	(ii) Flush shutters 25mm thick ISI marked.

			SYSTEM.	-
As per HAREDA Guidelines.	As per HAREDA Guidelines.	\$	RAIN WATER HEATING	00
Transparation of the state of t		design of home by		
		3	WATER HEATING SYSTEM	
As per m. Gove, inounteditori.	As per Hr. Govt. Notification.	1	PROVISION OF SOLAR	7.
A TOTAL CONTROLLED				
Standard gates shall be provided.	Standard provision shall be made.	b) Gates.		
	brick face and the inner faces shall be plastered.		GATES	
of walls shall have plastered with pattern.	Standard compound walls shall have exposed of walls shall have plastered with pattern.	a) Compound walls.	COMPOUND WALLS AND	6.
condend compound walls shall be provided. The outer faces	and the state of the secondary		2	
all Hooks.	provided	,	t	
OROCI CIIIIo to cator market in	s to outer windows / Ventuators to be	d) Grills.	GRILLS	
Ctael Grille to outer windows / Ventilators to be provided on	The state of the s			1
OF HOUSES	adspecifications for New Construction/Renovation of Houses	adSPECIFICATIONS FOR	9	
Telephone / Internet/ IV conduits and wiring.	Telephone / TV conduits be also provided.	c) Communication system to be		
				36

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

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 consuming thus not proposed. P/F tile is quicker & feasible.

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

							2.				ţ.·										1 ; k	- NO.	Sr.
							DOORS, WINDOWS VENTILATORS.				4	-J-	SIV-				M 5#		H		SKIRTING	FIDORING.	Items
	1 4 5 5 4 4 5 5 4 4 5 5 5 5 5 5 5 5 5 5						AND								21		,					DADO-	
e) Door fittings	The second secon		d) Cupboards	c) Wood to be used.		b) Door shutters.	a) Frames.	e) Driveway	d) Staircase		PH fittings:		c) Toilets						b) Kitchen	DV2-L	alcony, Veran	a) Rooms, Lobby,	Sub Items
																						Store,	
Anodized aluminium niumgs snan oc asca . 151 marked.	fating shall be used 1Si	(ii) Pressed steel chowkhats & shutters of nard wood frame with 4 mm thick commercial Ply	(i) Ferro cement / RCC 25mm unick sucrees in cupboards.	wood as per ISi specifications except teak.	7.1.11	The shutters for doors, windows, ventuators, shall be of hard wood. Doors shall have lush	fixed with g	- Jacob Grand doors windows			and the second	, Line	(i) Non Skid Ceramic Tiles Hooring. (ii) Glazed tiles dado upto 6'-9" height.				Green marble.	(iii) Working top shall be finished in Baroda	(ii) Ceramic tiles dado upto 6'-9".	(i) Non Skid Ceramic tiles flooring.		Terrazzo flooring Silver grey colour.	Present Specifications
OLOGICAL STATE OF THE STATE OF	Anodized Aluminium fittings ISI marked.		(ii) Flush Shutters 25mm thick ISI marked.	ard ISI Marked shelves.	Wood to be used shall be kiln seasoned hard wood as per	Hard wood except teak with Pressed steel chowkhats.	& fixed with glazing.	Steel frames for all Doors, openable Windows, Ventilators,	Paver blocks -80mm ISI marked / antiskid tiles	Kotak stone & Marble Stone combination.	(iii) Renovation-Non skid Ceramic tiles.	size 18"x 12" or above.	made in toile t/rear courtyard. (ii) Dado- Ceramic rectified tiles upto 7'-0" with border with	(iv)Stainless steel sink.	steel chowkhats under worktop.	with Lamination. Laminated shutters for doors with Pressed	(ii) Ceramic rectified tiles 18 x12 iii uauo upio o =>			1. Renovation:- Non Skid Ceramic tiles in Flooring.	Make: Simpolo, Kajaria, Jonshon & Johnson, Orient, Dalal Tiles		Revised Specifications makes

SPECIFICAL ONS FOR NEW CONSTRUCTION. ENOVATION OF HOUSES

			CVCTEM	_
	AS per HAREDA Guidennes.	1	RAIN WATER HEATING	.00
As per HAREDA Guidelines.	TIADEDA Cuidalinas		WATER HEATING SYSTEM	
As per mi. Novi. inclination.	As per H r. Govt. Notification.	1	2	7
Stalldard Gates sharr or province.	n shall be made.	b) Gates.		1
Standard Cates shall be provided.	ll be plastered.			
exposed surface.		a) Compound walls.	COMPOUND WALLS AND GATES	6.
all floors.	entilators to be	a) Grills.	GRILLS	
Steel Grills to outer windows / Ventilators to be provided on		c) Communication system to be adopted.		
Telephone / Internet / TV conduits and wiring.	mpanelled Cos.	b) Switches/ MCB's		
Modular Switches MCBs ISI marked. Makes: Indoasian, C&S.	ised.	a) Wires	ELECTRIC WIRING	, h
Comparations in concealed conduits he provided. Makes: Plaza, Polycab	12		19	
(ii) PVC pipes ISI Marked.		a) Nam water pripar	ER PIPES.	:
(i) All R.W.P.s to be laid in approachable and openable ducts.	(i) All R.W.Ps to be laid in approachable and	a) Rain water nines	SOIL WASTE & RAIN	4
	lastered surfaces shall have coment mases	.9		
	otherwise specified.		ř.	
specified.	s shall be plastered unless			
(II) All RCC WOIK shall be planted with the same of the shall be planted to th			3	290 A
colour scheme.	matching pigment			
(I) Plastered / Painted Will appropriate convinus public to pro-	shed with	c) External walls/ surfaces.		T
" no interest with appropriate external paint as ner	me.			fel s
Joinery shall be painted with symmetre channel paint.	h synthetic enamel	b) Joinery paint.		
and the state of t			EXTERNAL FINISHES	· ·
Oil Bond Distemper.	All internal walls shall have OBD & Ceiling to	a) Internal walls and Ceiling	INTERNAL AND	J)
	windows shall be provide.	f) Wire gauge shutters.		•
Fly mesh Shutters to all outer doors/ windows to be provided.	Fly mesh shutters to all the outer doors and			
	O Division of the second		novered.	
FIRST STRUCTS TOT INTERVACE	chowkhats with paneled shutters of hard wood			
Bath and Toilets shall have Pressed steel Chowknats and Laminated		f) Toilets		
				NS(B

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

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 consuming thus not proposed. P/F tile is quicker & feasible.

2.