

HARYANA GOVERNMENT
PUBLIC WORKS DEPARTMENT
(BUILDING AND ROADS BRANCH) AMBALA CIRCLE

Notification

The 4th November, 2010

No. SE/PWD, B&R/Ambala/CZC/8.—Minutes of meeting of the Central Zonal Committee on Haryana Public Works Department, schedule of rates, 1988 -2nd Edition held on 13/09/2010 at Ambala Cantt. and approved by the Direction Committee of Chief Engineers received through Engineer-in-Chief, Haryana PWD (B&R), Chandigarh.

FOLLOWING MEMBERS WERE PRESENT:

Sr. No.	Name and Designation of the Officers/Members
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CONVENER

1. Shri Anand Kumar Garg, Superintending Engineer,
Ambala Circle, Haryana
PWD (B&R Branch), Ambala Cantt.

MEMBERS

2. Shri Pardeep Ranjan,
Superintending Engineer,
Rohtak Circle, PWD (B&R Branch), Rohtak.
3. Shri Suman Sarot,
Superintending Engineer,
Hissar Circle, PWD (B&R Branch), Hissar.
4. Shri P.B. Gupta,
Superintending Engineer,
Kaithal Circle, PWD (B&R Branch), Kaithal.

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| 5. | Shri K.B. Narang,
Superintending Engineer,
Karnal Circle, PWD (B&R Branch), Karnal. |
| 6. | Shri Ashok Kumar Garg,
Superintending Engineer,
Haryana PWD (B&R Branch), N.H. Jind |
| 7. | Shri G.R. Chaudhary,
Superintending Engineer,
Electrical Circle, PWD (B&R Branch), Karnal. |
| 8. | Shri R.S. Mehta,
Superintending Engineer,
Mechanical Circle, PWD (B&R Branch), Karnal. |
| 9. | Shri N.K. Bindlish,
Superintending Engineer,
PWD Public Health Circle, Ambala Cantt. |
| 10. | Shri D.R. Yadav,
Superintending Engineer,
PWD Public Health Circle, Rohtak. |
| 11. | Shri D.S. Dagar,
Superintending Engineer,
PWD Public Health Circle, Hisar. |
| 12. | Shri J.N. Garg,
Superintending Engineer,
Irrigation Branch Panchkula. |
| 13. | Shri Sanjay Mahajan,
Superintending Engineer,
Haryana Police Housing Corporation, Panchkula. |
| 14. | Shri Naresh Mahajan,
Superintending Engineer,
Housing Board, Haryana, Panchkula. |

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The Direction Committee of Chief Engineers discussed the recommendation of the Central Zonal Committee and approved the amendments/induction of new items in Haryana PWD Schedule of rates 1988, 2nd Edition.

THESE NEW ITEMS/AMENDMENTS WILL BE APPLICABLE FROM
THE DATE OF GAZETTE NOTIFICATION

NEW ITEMS INDUCTED IN HARYANA PWD SCHEDULE OF
RATES- 1988 (2nd EDITION)

(i) Civil Works

CHAPTER NO. 11

BRICK WORK

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
11.101	11.0 cm thick brick wall using flyash - lime based bricks (IS :12894-2002) laid in cement sand mortar 1:4 in super structure.	Sqm	92.15	299.00
11.102	Masonry work using flyash - lime based bricks (IS:12894 2002) laid in cement sand mortar 1:6 in super structure.	Cum	536.00	2163.00

1	2	3	4	5
11.103	Providing and fixing factory manufactured jali of reinforced cement concrete consisting of Cement, coarse sand and 10mm and down gauge bajri in the ratio of 1:1:2 with 8 mm dia tor steel. Outer frame of the jali will be 50mm wide and 25mm thick and inner frame of jali will be 25mm wide and 25mm thick with smooth finish as per the design approved by the Engineer-in-Charge including fixing in position up to any height with cement sand mortar 1:4, complete in all respect.	Sqm	125.00	650.00
11.104	Providing & Laying Autoclaved Aerated (cellular) concrete light weight blocks (As per IS:2185, Part 3) masonry in non load bearing walls using block of size 625 mm x 250 mm x 100mm with cement sand mortar 1:4 in superstructure complete in all respect.	Sqm	92.15	4130.15
11.105	Providing & Laying Autoclaved Aerated (cellular) concrete light weight blocks (As per IS 2185, Part 3) masonry in non load bearing walls using blocks of size 625mm x 250 mm x 200 mm with cement sand mortar 1:6 in superstructure complete in all respect.	Cum	385.00	41.29.00

NOTE:

- (i) Above rates are based on present day rates.
- (ii) No extra premium is allowed on these new items.
- (iii) Notes and foot notes already existing in this chapter would be applicable to these items also.

NEW ITEMS INDUCTED IN HARYANA PWD SCHEDULE OF RATES-1988 (2nd EDITION)

(i) Civil Works

**CHAPTER NO. 13
HOISTING AND ROOFING**

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
13.95	Providing and fixing pressed clay tile (Manglore tiles) of size 200mm x 125mm x 10mm on slopping roof top/window projections with 12 mm thick cement, coarse sand mortar 1:3 including cost of ridge wherever required as per approved design complete in all respect up to 4 storey or 15 Metre Height.	Sqm	220.00	590.00
13.96	Providing & fixing extruded polystyrene (XF3) foam 50mm thick of density 32 Kg./cum for thermal insulation with cramps of GI strip 25 mm wide x 3 mm thick fixed with screw / nail for holding the walls at regular intervals in cavity walls complete in all respect.	Sqm	62.40	758.00
13.97	Terracing consisting of 19mm thick heat resistant tiles for roof insulation, 300mm x 300mm laid on 20mm thick 1:3 cement coarse sand mortar including grouting with neat white cement over average 75mm thick screed of 1:8:16 including two coats of bitumen laid hot at 1.65 kg per sqmt on top of RCC slab & cleaning of top surface.	Sqm	108.36	1031.00

NEW ITEMS INDUCTED IN HARYANA PWD SCHEDULE OF
RATES-1988 (2nd EDITION)

(i) Civil Works

CHAPTER NO. 17

WOOD WORK

Additional HSR Item No	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
17.103	<p>Providing and fixing of casement & fixed windows made from multi chambered UPVC profiles of 56 to 68mm width in natural form stabilized for heat, light, impact & UV radiation. The UPVC profiles should be reinforced with galvanized steel profiles of designed thickness. All openable sashes shall be having weather seal fitted in continuous lengths made from Bubble EPDM Rubber & side hung / top hung with upto 90 degree opening friction stays of SS 304 with provision of multipoint locking system made from Espag rods. All handle shall be made from Die Cast Zinc alloy (Model: ESPAG) BS - 1004A in white finish with suitable locking arrangement. The windows shall be fixed to opening using expandable screws and friction stays that shall be able to withstand wind speeds upto 180 km/hr. the shoot bolts in windows shall be rust proof metallic coated steel. The window frames shall be fixed in masonry wall / RCC with necessary fasteners, nuts, bolts, washers, caps, silicon sealant etc. complete.</p> <p>(A) Frame work</p> <p>(B) Openable shutter</p> <p>(C) Double glass glazing comprising of 6mm thick toughened clear glass + 12mm air gap + 5mm annealed clear glass</p>	<p>Sqm</p> <p>Sqm</p> <p>Sqm</p>	<p>106.45</p> <p>106.45</p> <p>189.00</p>	<p>3270.00</p> <p>4938.00</p> <p>1949.00</p>
17.104	<p>Providing and fixing double glazing consisting of glass 6mm (toughened) and 6mm annealed plain glass including 12mm air gap including cost of structural silicon sealant & weather sealant (DC 795 / DC 789) and double sided acrylic foam tape in structural glazing works upto four storey. The outer glass shall have U value ≤ 1.8, solar factor ≤ 0.35 Light transmission $\geq 49\%$.</p>	Sqm	479.00	3654.00

NOTE

- (i) Above rates are based on present day rates.
- (ii) No extra premium is allowed on these new items.
- (iii) Notes and foot notes already existing in this chapter would be applicable to these items also.

ALREADY EXISTING NEW ITEM NO. 29.93 DELETED AND IS
REPLACED AS HSR NEW ITEM NO. 28.60

NEW ITEMS INDUCTED IN HARYANA PWD SCHEDULE OF
RATES- 1988 (2nd EDITION)

CHAPTER NO. 30

SANITARY INSTALLATIONS

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
30.120	Supply and erection of Hot water pipe medium class (B-class) GI as per IS 1239 with 25mm thick insulation of 48 Kg. / Cu.m. density and K value + 0.03 W/MK R value+1.67 sq.m. C/W to withstand and temp. of 250 deg., erected in wall or surface including all labour and material required to complete the job in all respect.			
(a)	15 mm internal diameter of pipe line	P/Mtr.		253.00
(b)	20 mm internal diameter of pipe line	P/Mtr.		301.00
(c)	25 mm internal diameter of pipe line	P/Mtr.		402.00
(d)	32 mm internal diameter of pipe line	P/Mtr.		453.00
(e)	40 mm internal diameter of pipe line	P/Mtr.		500.00
30.121	Supply and erection of Taps of made of Gun metal ISI marked including all labour and material required to complete the job in all respect.			
(a)	15 mm diameter	Each		156.00
(b)	20 mm diameter	Each		280.00
30.122	Supply and erection of Polypropylene Random (PP-R) hot water pipe as per IS-15801, with Elbow, Tee, Socket etc., recessed/on surface including all labour and material required to complete the job in all respect			
(a)	16 mm outer diameter of pipe line	P/Mtr.		161.00
(b)	20 mm outer diameter of pipe line	P/Mtr.		209.00
(c)	25 mm outer diameter of pipe line	P/Mtr.		295.00
(d)	32 mm outer diameter of pipe line	P/Mtr.		470.00
(e)	40 mm outer diameter of pipe line	P/Mtr.		727.00
30.123	Supply, Installation, Testing and Commissioning of Solar water heating system with copper Absorber made of copper sheet 34 gauge / copper tube (at least 10 nos.) 12.7mm dia 0.56 mm thick riders and 2 nos. headers of copper tube dia 25mm thickness, 0.71 mm with flat plate collector Length 1860mm, width 1240mm and height 100mm. The Collector box shall be of aluminum extruded channel of size 100mm x 25mm and 1.6mm thick. All water carriage system should with stand 4.5 Kg. cmsq pressure, complete duly insulated from back and front with glazing with stainless steel storage tank (insulated).			

	2	3	4	5
	with temperature gauge, strainer, water meter 2 nos. and HDPE/LDPE cold water tank duly erected on existing MS angle/channel stand with suitable electric backup its control and wiring etc. duly erected on roof top including all labour and material required to complete the job in all respect.			
(i)	100 LPD Capacity	Each		25300.00
(ii)	200 LPD Capacity	Each		42900.00
(iii)	300 LPD Capacity	Each		60500.00
(iv)	400 LPD Capacity	Each		78100.00
(v)	500 LPD Capacity	Each		95700.00
(vi)	600 LPD Capacity	Each		114400.00
(vii)	800 LPD Capacity	Each		156200.00
(viii)	1000 LPD Capacity	Each		183700.00
(ix)	1500 LPD Capacity	Each		264000.00
(x)	2000 LPD Capacity	Each		335500.00
(xi)	3000 LPD Capacity	Each		497200.00
(xii)	4000 LPD Capacity	Each		660000.00
(xiii)	5000 LPD Capacity	Each		825000.00

NOTE:

- (i) Above rates are based on present day rates.
- (ii) No extra premium is allowed on these new items.
- (iii) Notes and foot notes already existing in this chapter would be applicable to these items also.

**NEW ITEMS INDUCTED IN HARYANA PWD SCHEDULE OF
RATES-1988 (2nd EDITION)**

CHAPTER NO. 31

ELECTRICAL INSTALLATION

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5

STREET LIGHT

31.60	Supply and erection of street light luminaire minimum IP-65/66 level protected single piece die cast aluminum/ aluminum sheet housing with pot optic reflector, heat resistant, glass cover for HPSV lamp complete with copper wound ballast capacitor, ignitor holder, prewired up to terminal block, 1 no. HPSV lamp etc. including making connection and erection of the same on existing pole/ bracket irrespective of height of pole / mounting height with cost of all labour and material required to complete the job in all respect as per approved make and model.			
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1	2	3	4	5
(i)	Sodium 70W Street Light Luminaire (IP-65) of Philips Bajaj/Crompton/GE/Wipro.	Each		3080.00
(ii)	Sodium 150W Street Light Luminaire (IP-66) of Philips Bajaj/Crompton/GE/Wipro.	Each		5220.00
(iii)	Sodium 250W Street Light Luminaire (IP-66) of Philips GE/Wipro.	Each		11360.00
31.61	Supply and erection of street light luminaire minimum IP-65/66 level protected single piece die cast aluminum/ aluminum sheet housing with pot optic reflector, heat resistant, glass cover for MH lamp complete with copper wound ballast capacitor, ignitor holder, prewired up to terminal block, 1 no. MH lamp etc. including making connection and erection of the same on existing pole / bracket irrespective of height of pole / mounting height with cost of all labour and material required to complete the job in all respect as per approved make and model.			
(i)	Metal halide 70W Street Light Luminaire (IP-65) of Philips/Bajaj/ Crompton/GE/Wipro.	Each		3290.00
(ii)	Metal halide 150W Street Light Luminaire (IP-66) of Philips/Bajaj/Crompton/GE/Wipro.	Each		5270.00
(iii)	Metal halide 250W Street Light Luminaire (IP-66) of Philips/GE/ Wipro.	Each		11590.00
CFL STREET LIGHTING FITTING				
31.62	Supply and erection of CFL street light luminaire of aluminum / sheet steel housing with epoxy powder coated finish and acrylic cover including cost of CFL lamps including making connection and erection of the same on existing pole/bracket irrespective of height of pole/ mounting height with cost of all labour and material required to complete the job in all respect as per approved make and model.			
(i)	Street Light Luminaire 2x11W CFL, Bajaj/Crompton	Each		1010.00
(ii)	Street Light Luminaire 2x18W CFL, Bajaj/Crompton	Each		1130.00
(iii)	Street Light Luminaire 2x36W CFL, Bajaj/Crompton	Each		1880.00
(iv)	Street Light Luminaire 1x45W CFL, Bajaj/Crompton	Each		1410.00
(v)	Street Light Luminaire 1x65W CFL, Bajaj/Crompton	Each		1570.00
(vi)	Street Light Luminaire 1x85W CFL, Bajaj/Crompton	Each		1670.00

NOTE:

- (i) Above rates are based on present day rates.
- (ii) No extra premium is allowed on these new items.
- (iii) Equivalent make can be approved by respective Engineer-in-Charge/Department.
- (iv) Notes and foot notes already existing in this chapter would be applicable to these items also.

ANAND KUMAR GARG,
Convener Central Zonal Committee
of Haryana PWD Schedule of Rates-cum-
Superintending Engineer, Ambala Circle,
Haryana PWD (B&R), Ambala Cantt.

ADDENDA CORRIGENDA TO THE ANALYSIS OF RATES OF HARYANA PWD SCHEDULE OF RATES 1988 (SECOND EDITION)

The following amendments be made in analysis of rate of Haryana PWD Schedule of rates 1988.

CHAPTER NO. 9

CENTRING AND SHUTTERING

Sr. No.	Page No.	Already existing in HSR-1988 (2nd Edition)	Amended as under
		Description	Description
1	39	<p>NOTES :</p> <p>(I) Where smooth exposed concrete finish is desired which is not to be touched or plastered but is to be left as it comes out of the shuttering , extra smooth shuttering or proper steel shuttering has to be used . As it involves more expenditure than the ordinary shuttering and additional rate of 33-1/3 percent shall be payable on the items of labour rates, where such finish is desired. The through rates shall also be increased correspondingly. Sometimes, in architectural work, shuttering pattern is specified to get an impression of shuttering lines, in a certain pattern. In such cases, the shuttering has to be specially manufactured in panels so that their joints give the lines in the specified pattern in concrete face. For such cases, a separate rate, on the superficial area, as per item No. 9.20 has to be allowed over and above the basic rates of the centering and shuttering; but the increase of 33-1/3 percent will not be allowed in addition to this rate. Payment for shuttering pattern will only be allowed, if a definite pattern has been specified in the architectural drawings and not otherwise.</p> <p>(II)(a) For work done in storeys , above the first storey upto a height of 4 metres or part thereof , upto the roof top level of that storey , add Rs. 0.60 per sqm. of contact area for every additional storey, except for item No. 9.2.9.3, 9.4, 9.12 and 9.20.</p>	<p>NOTES :</p> <p>(I) Where smooth exposed concrete finish is desired which is not to be touched or plastered but is to be left as it comes out of the shuttering , extra smooth shuttering or proper steel shuttering has to be used . As it involves more expenditure than the ordinary shuttering and additional rate of 45 percent shall be payable on the items of labour rates, where such finish is desired. The through rates shall also be increased correspondingly. Sometimes, in architectural work, shuttering pattern is specified to get an impression of shuttering lines, in a certain pattern. In such cases, the shuttering has to be specially manufactured in panels so that their joints give the lines in the specified pattern in concrete face. For such cases, a separate rate, on the superficial area, as per item No. 9.20 has to be allowed over and above the basic rates of the centering and shuttering; but the increase of 45 percent will not be allowed in addition to this rate. Payment for shuttering pattern will only be allowed , if a definite pattern has been specified in the architectural drawings and not otherwise.</p> <p>(II)(a) For work done in storeys , above the first storey upto a height of 4 metres or part thereof , upto the roof top level of that storey , add Rs. 20 per sqm. of contact area for every additional storey, except for item No. 9.2.9.3, 9.4, 9.12 and 9.20.</p>

Sr. Page No. No.	Already existing in HSR-1988 (2nd Edition)	Amended as under
	Description	Description
(b)	Whenever any single storey exceeds 4 metres in height the rates for centering and shuttering (except for item No. 9.2, 9.3, 9.4, 9.12 and 9.20) in the storey will be increased by Rs. 0.60 per sqm of contact area, for every additional height of 2 metres, or part thereof.	(b)
Whenever any single storey exceeds 4 metres in height the rates for centering and shuttering (except for item No. 9.2, 9.3, 9.4, 9.12 and 9.20) in the storey will be increased by Rs. 20 per sqm. of contact area, for every additional height of 2 metres, or part thereof.		
(C)	For Subsequent storey , having a height of 4 meters, or part thereof, situated above a storey, having a height more than 4 metres, the rates of centering and shuttering except for item No. 9.2, 9.3, 9.4 , 9.12 and 9.20 shall be the same as for the upper most stage rate of the storey.	(C)
		For Subsequent storey , having a height of 4 meters, or part thereof, situated above a storey, having a height more than 4 metres, the rates of centering and shuttering except for item No. 9.2, 9.3, 9.4, 9.12 and 9.20 shall be the same as for the upper most stage rate of the storey.

ANAND KUMAR GARG.

Convener Central Zonal Committee
of Haryana PWD Schedule of Rates-cum-
Superintending Engineer, Ambala Circle,
Haryana PWD (B&R), Ambala Cantt.

NDA CORRIGENDA TO THE ANALYSIS OF RATES OF HARYANA PWD SCHEDULE OF RATES 1988 (SECOND EDITION)

following amendments be made in analysis of rate of Haryana PWD Schedule of rates 1988.

2 NO. 10

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S. No.	Already existing in HSR-1988 (2nd Edition) Description	Amended as under Description
6.2	<p>NOTES</p> <p>The labour, as well as through rates of concrete, include the cost of water and curing. Wherever curing is got done departmentally, and not through the contractor, the rates shall be reduced by Rs. 3.50 per cum.</p>	<p>NOTES:</p> <p>(I) The labour, as well as through rates of concrete, include the cost of water and curing. Wherever curing is got done departmentally, and not through the contractor, the rates shall be reduced by Rs. 10.00 per cum. water to be used by the agency will confirm to IS Code. If any type of RO is required for this purpose the same will be got installed by the agency free of cost or by the department at agency's risk & cost.</p>
	<p>(I) to (X) As existing in the Haryana PWD Schedule of rates 1988(XI)</p> <p>In case of such items, of this chapter, that include the cost of labour and materials, for centering and shuttering, where smooth exposed concrete finished surface is required, additional payment shall be allowed at the rate of 33-1/3 percent of the labour rate of centering and shuttering as given in the Chapter No. -9. In case where shuttering pattern is specified to give architectural effect additional payment according to item No.9.20 only will be allowed.</p>	<p>(II) to (X) No change.</p> <p>(XI) In case of such items, of this chapter, that include the cost of labour and materials, for centering and shuttering of steel, where smooth exposed concrete finished surface is required, additional payment shall be allowed at the rate of 45 percent of the rate of centering and shuttering as given in the Chapter -9. In case plaster is required to be done, the above rate will be reduced from 45 percent to 40 percent. In case where shuttering pattern is specified to give architectural effect, additional payment according to item No. 9.20 only will be allowed.</p>
	<p>XVIII) As existing in the Haryana PWD Schedule of rates 1988</p>	<p>(XII) to (XVIII) No change.</p>

ANAND KUMAR GARG,

Convener Central Zonal Committee
of Haryana PWD Schedule of Rates-cum-
Superintending Engineer, Ambala Circle,
Haryana PWD (B&R), Ambala Cantt.

ADDENDA CORRIGENDA TO THE ANALYSIS OF RATES OF HARYANA PWD SCHEDULE OF RATES 1988 (SECOND EDITION)

The following amendments are made in analysis of rate of Haryana PWD Schedule of rates 1988.

Already existing New Item No. 29.93 is replaced as HSR New Item No. 28.60

Sr. No.	Additional HSR Items	HSR-1988 (2nd edition) (New items) Description	Unit	Labour Rate (Rs.)	Through Rate (Rs.)
1	2	3	4	5	6
1	HSR 28.60	Providing, lowering, laying, cutting (cut surface to be uniformly finished), jointing with rubber rings marked with IS : 5382 and testing of SPIGOT AND SOCKETTED RCC. NP2 MARKED WITH IS :458-1988 and specials into trenches for all depths including carriage, loading, unloading, stacking, handling, re-handling etc. complete in all respects to the satisfaction to the Engineer - in-charges.			
		200 mm i/d	Per Mtr	16.00	270.00
		250 mm i/d	Per Mtr.	18.00	304.00
		300 mm i/d	Per Mtr.	23.00	414.00
		350 mm i/d	Per Mtr.	27.00	511.00
		400 mm i/d	Per Mtr.	35.00	607.00
		450 mm i/d	Per Mtr.	40.00	700.00
		500 mm i/d	Per Mtr.	43.00	797.00
		600 mm i/d	Per Mtr.	54.00	1061.00
		700 mm i/d	Per Mtr.	72.00	1458.00
		800 mm i/d	Per Mtr.	93.00	1700.00
		900 mm i/d	Per Mtr.	114.00	1946.00
		1000 mm i/d	Per Mtr.	141.00	2342.00
		1200 mm i/d	Per Mtr.	186.00	2937.00
		1400 mm i/d	Per Mtr.	210.00	3400.00
		1600 mm i/d	Per Mtr.	230.00	3900.00

ANAND KUMAR GARG,
Convener Central Zonal Committee
of Haryana PWD Schedule of Rates-cum-
Superintending Engineer, Ambala Circle,
Haryana PWD (B&R), Ambala Cantt.