

SCHEDULE OF N.S. ITEMS RECOMMENDED BY THE COMMITTEE CONSTITUTED BY THE CHIEF ENGINEER (H.Q) LETTER NO.7550/CSR DATED 27.02.2015 & RECOMMENDED BY COMMITTEE, SUPERINTENDING ENGINEER CUM CONVENOR, CONSTRUCTION CIRCLE NO.2 JALANDHAR VIDE HIS MEMO NO 1460 DATE 25.01.2016 FOR INCLUDING IN CSR 2010 ARE AS UNDER :-

CSR No.	Description	Unit	Rate			
			For Plain		For Sub-	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
11.74	1 Providing and laying in super structure for first storey factory made with vibro-hydraulic compaction machine precast solid block of cement concrete setting in position with cement mortar 1:3 (1 cement:3 course sand) including cost of hosting, centering and shuttering complete as per IS:2185 (Part-1): 2005.	cum	1223.63	7260.73	1345.99	7383.09
11.75	2 Providing and laying in super structure for first storey factory made with vibro-hydraulic compaction machine precast Hollow block of cement concrete setting in position with cement mortar 1:3 (1 cement:3 course sand) including cost of hosting, centering and shuttering complete as per IS:2185 (Part-1): 2005.	cum	1223.63	5638.98	1345.99	5761.34
11.76	3 Providing and laying in super structure for first storey factory made precast solid block of cement concrete 100 mm thick of cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size) including cost of Hoisting setting in position with cement mortar 1:3 (1 cement:3 course sand) cost of centering and shuttering complete as per IS:2185 (Part-1): 2005.	sqm	150.78	864.13	165.86	879.21
11.77	4 Providing and laying in super structure for first storey factory made with vibro-hydraulic compaction machine precast hollow block of cement concrete 100 mm thick setting in position with cement mortar 1:3 (1 cement:3 course sand) including cost of hosting, centering and shuttering complete as per IS:2185 (Part-1): 2005.	sqm	150.78	642.99	165.86	658.07
13.77	5 Preformed fillers for expansion joints in concrete pavement and structures (non-extruding and resilient type) part-3 Polymer Based (CED 13: building construction practices including painting, varnishing and allied finishing) complete as per IS 1838-3 (2011):	Rmt	471.66	1956.18	518.83	2003.35

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1	2		3	4	5	6	7
13.78	6	Providing & laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: Applying a slurry coat of neat cement using 2.75 kg/sqm. of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer- in- charge over the RCC slab including adjoining walls upto 300mm height including cleaning the surface before treatment. Laying brick bats with mortar using broken bricks/ brick bats 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS: 2645 and approved by Engineer-in-charge over 20mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS :2645 and approved by Engineer.	Sqm	148.49	517.41	163.34	532.26
14.163	7	Providing and fixing Morwad marble strip 18mm to 20mm thick and 100mm wide in kotah stone flooring over 12.50 mm thick base of cement mortar 1:3 jointed with cement slurry including cost of additional mortar equivalent to the kota stone thickness and colouring pigment to match the colour rubbed and polished to granolithic finish complete in all respects.	Rmt.	22.20	133.82	24.42	136.04
14.164	8	White marble tile with light green/ yellowish streaks arranged from Morwad flooring 15mm to 20mm thick of various size over 12.5mm thick cement coarse sand moratr 1:3 laid and jointed with white cement slurry mixed with pigment to match the shade of marble including rubbing and polishing					
a	a)	Tiles Size 15 cm x 15 cm to 28 cm 28 cm	sqm	882.51	1355.17	970.76	1443.42
b	b)	Slab Size 30 cm x 30 cm to 45 cm x 60 cm	sqm	882.51	1434.53	970.76	1522.78
c	c)	Slab Size Above 45cm x 60 cm	sqm	882.51	1593.32	970.76	1681.57
14.165	9	White marble tiles with Light Green / Yellowish streaks arranged from Morwad of 18 mm to 20 mm thick in risers of skirting dado, pillars and wall lining including matching the 1:3 and jointed neat cement slurry including the cost of cramps labour for fixing cramps pins and dowels etc. including rubbing and polishing complete in all respect.					
a	a)	Tiles Size 15 cm x 15 cm to 28 cm 28 cm	sqm	747.35	1498.95	822.09	1573.69
b	b)	Slab Size 30 cm x 30 cm to 45 cm x 60 cm	sqm	747.35	1578.31	822.09	1653.05
c	c)	Slab Size Above 45cm x 60 cm	sqm	747.35	1737.11	822.09	1811.85
15.79	10	Providing and fixing chicken mesh on brick work and RCC work junction made of galvanized low carbon wire, annealed wire of diameter 0.6 to 2.0mm distance between the faces of the hexagon 13 to 50mm complete in all respect.	sqm	78.61	134.72	86.47	142.58

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1	2		3	4	5	6	7
16.70	11	Providing and applying plaster of paris (ISI marked) punning 6mm thickness over plastered surface to prepare the surface even and smooth complete in all respect as per the directions of Engineer-in-charge.	sqm	157.21	219.79	172.93	235.51
16.71	12	Providing & applying heritage granual homogeneous wall finishing system from Bakelite Coating & Paints Pvt. Consisting of two component system of dry Granual (25 kg/pack) made of 92% silice partical, coated with fade resistant pigments and 100% acrylic co-polymers bonding agent (5 ltr pack) with the applied thickness of coating being between 0.8 to 1.2mm to be applied in single coat on a cured level smooth plastered, as per the shade combination approved and as per manufacturer specification, including primer on base coat complete in all respects	Sqm	158.48	720.57	174.33	736.43
17.67	13	Providing and fixing 65mm wide and 2 to 3mm thick PVC cover on stair case railing in any shape and size fixed with adhesive compound in all respect as per drawings.	Rmt	62.38	321.90	68.62	328.14
17.68	14	Providing & fixing 4" stainless steel handles ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	8.22	59.52	9.04	60.34
17.69	15	Providing & fixing 6" stainless steel handles ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	8.22	72.35	9.04	73.17
17.70	16	Providing & fixing 9" stainless steel handles ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	8.22	123.65	9.04	124.47
17.71	17	Providing & fixing 12" stainless steel handles ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	8.22	239.08	9.04	239.90
17.72	18	Providing & fixing 1'-3" stainless steel handles ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	8.22	392.99	9.04	393.81
17.73	19	Providing & fixing 1'-6" stainless steel handles ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	8.22	469.94	9.04	470.77
17.74	20	Providing & fixing 2'-0" stainless steel handles ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	8.22	1354.92	9.04	1355.74
17.75	21	Providing & fixing 4" stainless steel tower bolts ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	10.27	138.53	11.30	139.56

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17.76	22	Providing & fixing 6" stainless steel tower bolts ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	10.27	202.66	11.30	203.69
17.77	23	Providing & fixing 8" stainless steel tower bolts ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	10.27	266.79	11.30	267.81
17.78	24	Providing & fixing 1'-0" stainless steel tower bolts ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	10.27	395.04	11.30	396.07
17.79	25	Providing & fixing 1'-6" stainless steel tower bolts ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	10.27	587.43	11.30	588.46
17.80	26	Providing & fixing 2'-0" stainless steel tower bolts ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	10.27	779.81	11.30	780.84
17.81	27	Providing & fixing 2'-6" stainless steel tower bolts ISI marked on door & window frames complete in all respect as per the directions of Engineer-in-charge.	Each	10.27	972.20	11.30	973.23
18.41	28	Rebarring (Chemical Anchors) of 8mm dia bar, hole size 12mm, depth 100mm with 10ml injectable mortar epoxy adhesive (Hybrid urethane methacrylate adhesive) rebarring chemical complete in all respect.	Each	47.16	102.59	51.88	107.31
18.42	29	Rebarring (Chemical Anchors) of 10mm dia bar, hole size 14mm, depth 100mm with 10 ml injectable mortar epoxy adhesive (Hybrid urethane methacrylate adhesive) rebarring chemical complete in all respect.	Each	55.03	110.46	60.53	115.96
18.43	30	Rebarring (Chemical Anchors) of 12mm dia bar, hole size 16mm, depth 120mm with 14 ml injectable mortar epoxy adhesive (Hybrid urethane methacrylate adhesive) rebarring chemical complete in all respect.	Each	62.89	140.50	69.18	146.79
18.44	31	Rebarring (Chemical Anchors) of 16mm dia bar, hole size 20mm, depth 160mm with 24 ml injectable mortar epoxy adhesive (Hybrid urethane methacrylate adhesive) rebarring chemical complete in all respect.	Each	110.05	243.08	121.06	254.09
18.45	32	Rebarring (Chemical Anchors) of 20mm dia bar, hole size 25mm, depth 200mm with 47 ml injectable mortar epoxy adhesive (Hybrid urethane methacrylate adhesive) rebarring chemical complete in all respect.	Each	172.94	433.46	190.23	450.75
18.46	33	Rebarring (Chemical Anchors) of 25mm dia bar, hole size 32mm, depth 250mm with 100 ml injectable mortar epoxy adhesive (Hybrid urethane methacrylate adhesive) rebarring chemical complete in all respect.	Each	196.53	750.83	216.18	770.48

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18.47	34	Supply & Fixing of door frames (Chowkhats) consisting frame fabricated from sheet roll formed out of 1.2mm thick galvanized sheet as per IS:277 (base steel as per IS:513) with zinc of 120gm/sqm & Powder coated with pure Polyster powder upto 50 micrones (as per approved colour) , 3 Nos 100mm butt-hinges 2mm thick, 6 Nos 1.2mm thick CRCA electroplated stiffner, 6 Nos M.S hold fast with split and tail welded to stiffner plate 200mm long, Receiver for aldrop, M.S tie rod 50mm x 25mm to be fixed at bottom finished with powder coated total thickness of coating 0.60mm of approved shade, fixed in position, including the cost of cement concrete for 1:2:4 for fixing lugs complete in all respects as per drawing, design, specification & entire stasfication of Enginner-in-Charge.					
a	(a)	Doors frame of size 80mm x 50mm with 37 mm wide single rebate for 35mm door shutter .	mtr	179.51	1049.65	197.47	1067.61
b	(b)	Doors frame of size 125mm x60mm with 37 mm wide Double rebate for 35mm door shutter.	mtr	278.48	1364.78	306.33	1392.63
18.48	35	Supply & Fixing of Window frames (Chowkhats) including mullions consisting frame fabricated from sheet roll formed out of 0.58mm thick galvanized sheet (base steel as per IS : 513) with zinc of 120gm/sqm steel sheet pre coated (as per approved colour) with polyster paint of 12-16 micrones thickness under coat of EPOXY primer & back coated with ALKYD backer of 5-7 micrones total thickness of coating 0.58mm of approved shade, fixed in position by means of PVC & metal hold fastner with PVC cap complete in all respects as per drawing, design, specification & entire stasfication of Enginner-in-Charge.					
a	(a)	Windows Outer frame of size 72mm x55mm and central mullion 72 mm x 50mm with Double rebate.	mtr	220.64	950.41	242.70	972.47
18.49	36	Supply & Fixing of Window shutter consisting frame fabricated from sheet roll formed out of 0.58mm thick galvanized sheet (base steel as per IS : 513) with zinc of 120gm/sqm steel sheet pre coated (as per approved colour) with polyster paint of 12-16 micrones thickness under coat of EPOXY primer & back coated with ALKYD backer of 5-7 micrones total thickness of coating 0.58mm of approved shade, fixed in position fixed in position by means of screws , complete in all respects as per drawing, design, specification & entire stasfication of Enginner-in-Charge.					
a	(a)	Glazed Windows shutter Section 47mm x 20mm (Without Glass)	sqm	831.67	4939.02	914.84	5022.19
18.50	37	Wire Mesh Windows shutter Section 40mm x 20mm with S.S wire mesh 32 guage flymesh with 144 holes per square inch	sqm	831.67	5083.72	914.84	5166.89

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18.51	38	Providing & fixing fixed beeding 12mm x 12mm for fixed glass with ECO fixed gasket (EPDM)	mtr	42.45	222.26	46.70	226.51
18.52	39	Providing and fixing glazing in door, window, ventilator shutters and partitions etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of Gasket /beading shall be paid as per respective item)					
i	i	Float glass panes of 5.5 mm thickness	sqm	104.31	637.10	114.74	647.53

Sd/-
(Er.Pawan Sharma)
Superintending Engineer,
Municipal Corporation,
Hoshiarpur

Sd/-
(Er.Paramjit Singh)
Executive Engineer,
Water Supply & Sanitation,
Division No.1, Jalandhar.

Sd/-
(Er.Gurdev Singh)
Executive Engineer,(Works)
J.D.A. S No.41, PUDA Complex,
Ladowali Road, Jalandhar.

Sd/-
(Er.Kuldeep Raj Sharma)
Corporation Engineer,
Municipal Corporation,
Jalandhar.

Sd/-
(Er.Gurinder Singh Cheema)
Executive Engineer (C)
Punjab Mandi Board,
Shaheed Bhagat Singh Nagar.

Sd/-
(Er.Roop Chand)
Executive Engineer,
Electrical Divn. PWD B&R Br;
Jalandhar Cantt.

Sd/-
(Er.T.R.Katnoria)
Executive Engineer,
Constn. Divn. No.2, PWD B&R Br;
Jalandhar Cantt.

Sd/-
(Er.Varinder Kumar)
Executive Engineer,
Constn. Divn. No.2, PWD B&R Br;
Kapurthala.

Sd/-
(Er.T.L.Dhall)
Superintending Engineer-Cum-Convener,
Constn. Circle No.2,PWD B&R Br;
Jalandhar.