# AMENDMENT TO BUILDINGS STANDARD DATA

**COMMITTEE OF THE CHIEF ENGINEERS (Buildings SoR)**

Office of the Engineer-in-Chief (R&B)
Buildings, R&B Department
Errum manzil, Hyderabad

Procs. No. ENCB/TA8/AEE3/DATA: 2010-11 Dt: 01-08-2011.

Sub: - Committee of the Chief Engineers (Buildings SoR) - Adoption of Revision and Updating of Andhra Pradesh Standard data in all Engineering/Public Works Department and other organisations – A.P. Revised Standard Data – Part-III for Buildings & Electrical Items - Corrigendum issued – Reg.,

Ref: - 1. G.O.Ms.No.49 I&CAD(PW-Reforms) Dept., dt:02-03-2009

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Following amendments are issued to the A.P. Standard Data for Buildings & Electrical items in Part-III of the AP Revised Standard Data book:

A. CIVIL WORKS

1. Item Codes BLD-CSTN-2-2, BLD-CSTN-2-3 and BLD-CSTN-2-5 at Sl. Nos: 10, 11 & 13 for excavation in mechanical means for the machinery charges for 'Hydraulic Excavator', the rate pertaining to 'Shovel' at Sl. Nos: 51 to 52 of Page 333 of BSSR2009-10 shall be adopted as the case may be.
2. Item Code BLD-CSTN-2-8 Sl. No: 16 at Page No: 18 for sand filling data item, the Unit for output shall be taken for 6 cum output and labour coefficient shall be read as 0.31 for 6 cum output and, if required, cost of sand shall be added for 6 cum output.
3. Item Code BLD-CSTN-2-9 Sl. No: 16 at Page No: 19 for earth filling data item, the Unit for output shall be taken for 6 cum output and labour coefficient shall be read as 0.31 (instead of 3.12) for 6 cum output and, if required, cost of good gravel shall be added for 6 cum output. The swelling allowance for gravel items shall be allowed duly considering 'field density' and 'shrinkage'. Vide note 4 of 'B. LEAD/LIFT/LOADING & UNLOADING CHARGES' of A.P. Revised standard Data "Unless otherwise specified lead charges for Earth / Sand / Gravel / Aggregates and Stones are for loose volume and not for compacted or in-situ volume".
4. Item Code BLD-CSTN-3-11 Sl. No: 28 Page No: 22 for PCC (M20) Nominal Mix data item, coarse Aggregate 40 mm shall be replaced with 20 mm graded aggregate.
5. Item Code BLD-CSTN-5-12 Sl. No: 50 Page No: 33 for Reinforced Brick masonry data item, the unit of measurement shall be read as 10 sqm.
6. For 'Weigh Batcher' hire charges in the Data Item Code BLD-CSTN-3-14 to BLD-CSTN-3-16 at Sl. No: 31 in page No: 24 for 'Design Mix Concrete' (weigh Batch at Site) the rate pertaining to 'Batching Plant' at Sl. Nos: 9 to 11 of Page 331 of BSSR2009-10 shall be adopted as the case may be.
7. In 'Basic Approach' at Para.11 of Concrete Items of Page No: 13, for the hire charges of vibrators shall be read as 'excluded' in overhead charges instead of 'included' in overhead charges.
8. Item Code BLD-CSTN-4-19 Sl. No: 299 Page No: 109 for Dismantling of Brick work data item, the unit of output shall be read as 10 cum.

9. Item Code BLD-CSTN-11-10 Sl. No: 167 Page No: 80 for 'Oil Bound Painting' items, for the cost of primer the rate pertaining to 'cement primer' at Sl. Nos: 349 & 350 at Item Codes: BMT-J.01 & BMT-J.02 in Page No: 25 of BSSR-2009-10 shall be adopted in 'Kg' units as the case may be.
10. Item Code BLD-CSTN-11-10 Sl. No: 167 Page No: 80 for 'Oil Bound Painting' items, for the 'Oil bound Distemper' the unit shall be read as 'Kg' instead of 'Lts.'
11. Hire Charges for Centering & Scaffolding of RCC items at Page No: 128 – For Material Lift Charges & Labour rate for scaffolding above 7.32 M - increase @ 10% on labour component for each upper floor on First Floor Rate (7.32 M) shall be allowed.
12. Hire Charges for Scaffolding for Brick work & plastering at Page No: 128 – For Material Lift Charges & Labour rate for scaffolding above 7.32 M - increase @ 50% on labour component for each upper floor on First Floor Rate (7.32 M) shall be allowed.
13. Item for Lift charges for all RCC items of works at Page No: 131 following table shall be replaced:

    Either 'Manual' or 'Mechanical' lifting shall be allowed as specified below:

| | | | |
|---|---|---|---|
| 1. For Manual lifting of all RCC items up to 3 Floors only: Lift Charges of Labour, increase @ 10% on labour charges for each upper floor on Ground Floor Rate | | | |
| 2. For Mechanical Lifting of all RCC items: Lift Charges of Materials only, for lifting Concrete above 6.1 M (2nd floor onwards) Winch/ Lift hire charges shall be allowed at the rates as given below: | | | |
| **Description of Structure** | **Basic Rate for 2nd Floor (7.32 M)** | | **for each additional floor (3.66 M) over and above 2nd floor (7.32 M)** |
| a. FOUNDATIONS, PLINTH, PEDESTALS (Below Plinth), STEPS, BED BLOCKS | Nil | | Nil |
| b. COLUMNS, LINTELS, WATER TANKS, RCC WALLS | 1.333 | Hrs | 10% |
| c. RCC SLABS, BEAMS | 0.267 | Hrs | 10% |

14. Centering charges for RCC walls, shear walls and water tank walls given separately in the schedule of rates are for both faces of the respective members. The measurement of centering charges shall be in 'sqm' for one face only and the centering charges given are for two faces of centering.
15. The specifications of the aggregates for sizes and gradation and its adoption shall be as per IS 383.
16. No allowance towards Labour Importation & Labour Amenities shall be added extra as they are included in the recommended overheads.
17. For sand, gravel , murum, stones , course aggregates etc, the rates are fixed for delivery at Quarry, including seigniorage (royalty) charges, loading charges by machinery / manual means and idle hire charges of machinery (as per table under chapter "conveyance or lead and lift charges") as applicable.

18. For all the materials, the basic rates given in the SoR are 'landing prices' at the site, except where mentioned specifically.
19. For the materials where the basic rates are mentioned as 'quarry rates' in the SoR, lead charges are to be added for the lead distances from the approved quarries as applicable.
20. The basic item rates provided in the schedule of rates include 50 m (conveyance by manual means) or 1 km (conveyance by mechanical means) as initial lead and no lead charges shall be allowed where the source of material is within the initial lead specified in item rate. Additional lead charges shall be allowed for the lead exceeding initial lead specified in the item rate.
21. The lead charges per unit quantity for conveyance of the materials are worked out, and included in the schedule of rates in increment of 50 m for head load and in increment of 1 km for mechanical mode.
22. The rates for lead charges by head load up to 150 meters and by machinery up to 5 km shall be cumulative and inclusive of lead charges for preceding lead.
23. Loading and unloading charges are not payable for conveyance by head load.
24. Loading and unloading charges are not payable for conveyance by mechanical means, for disposal of excavated material unless specified.
25. The rates for unloading of materials except earth, sand, gravel, coarse aggregate, rubble, size stone and cut stone, are inclusive of stacking wherever applicable.
26. Unless otherwise specified, all material rates shall be inclusive of all taxes, duties, levies, royalty/seigniorage, transportation and handling costs up to project area, but excluding 'Works Contract Tax (VAT)'.
27. As envisaged by the High Level Committee in the 'SSR Guidelines' appended to the G.O.Ms.No.49 I&CAD(PW-Reforms) Dept., dt:02-03-2009, a special software is developed by National Academy of Construction, Hyderabad for the 'revised standard data for Building items', which shall be adopted for standardization and uniform rates.
28. Any errors, omissions, corrections or suggestions shall be brought to the notice of the 'COMMITTEE OF THE CHIEF ENGINEERS (Buildings SoR)' for corrective action.
29. Corrections to the data items of A.P. Revised Standard Data as given below:

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| 1 | **Gypboard Suspended false ceiling** | | | | |
| | Supplying and fixing Gyp Board Suspended regular single layer false ceiling (GS-MFSC-4.1 as per India Gypsum) using 12.5 mm thick Gyp Board conforming to IS 2095 - 1982 fixing to Gyp steel GI perimeter channels of size 20 mm x 27 mm x 30 mm(web) of 0.55 mm thick along the perimeter of ceiling screw fixed to brick work/ partition at 610 mm c/c and suspending the frame work using Intermediate channels (45 mm x 15mm x 15mm x 0.9 mm) from soffit at 1220 mm c/c with ceiling angle (25 mm x 10 mm x 0.55 mm) fixed with GI Cleat and steel expansion fasteners & connecting clip to the ceiling channels (with knurled web of 51.5 mm x 26 mm x 10.5 mm x 0.55 mm) fixed in direction perpendicular to the intermediate channel at 457 mm c/c and fixing the 12.5 mm tapered edge Gypboard with 25 mm drywall screws at 230 mm c/c & jointing and finishing using joint compound and paper tape to have a flush look including filling the tapered & square edges with jointing compound, two coats of drywall topcoat complete for finished item of work as per India Gypsum Ltd specification. | | | | |
| | UNIT -1 sqm | | | | |
| | A) Material requirement as per India Gypsum | | | | |
| | 1219 mm x 1829 mm size Boards | sqm | 1.03 | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | GI Ceiling Angle - 25 mm x 10 mm x 0.55 mm | RM | 0.64 | | |
| | GI Ceiling section - 51.5 x 26 x 10.5 x 0.55 mm | RM | 0.84 | | |
| | Intermediate channel - 45 x 15 x 15 x 0.9 mm | RM | 0.84 | | |
| | Perimeter Channel - 20 x 27 x 30 mm x 0.55 mm | RM | 0.40 | | |
| | Connecting clips | Nos | 1.84 | | |
| | Rawl Plug | Nos | 0.64 | | |
| | Soffit Cleats | Nos | 0.64 | | |
| | Drywall Screws - 25 mm | Nos | 18.00 | | |
| | Jointing compound | Kgs | 0.55 | | |
| | Jointing paper tape | RM | 1.46 | | |
| | Drywall Top Coat | Liters | 0.15 | | |
| | B) LABOUR CHARGES | | | | |
| | 1st Class Carpenter | day | 0.120 | | |
| | 2nd Class Carpenter | day | 0.120 | | |
| | 1st Class Painter | day | 0.024 | | |
| | 2nd Class Painter | day | 0.024 | | |
| | Power Saw Cutter - Hand Operated - Operator | day | 0.012 | | |
| | Power Drill - Hand Operated - Operator | day | 0.024 | | |
| | Unskilled Mazdoor | day | 0.072 | | |
| | C) Machinery | | | | |
| | Power Saw Cutter - Hand Operated - Hire charges | Hrs | 0.320 | | |
| | Power Drill - Hand Operated - Hire Charges | Hrs | 0.640 | | |
| | Scaffolding charges | | 1% | | |
| | D) Labour Allowance on B | | | | |
| | E) Overheads and Contractor's Profit on A+B+C+D | | | | |
| 2 | **Gypboard Fine line grid false ceiling** | | | | |
| | Supplying and fixing Gyp Board Fine Line Grid false ceiling (GS-FLC-4.6 as per India Gypsum) in size 600 mm x 600 mm using 12.5 mm thick/ 9.5 mm thick Gyp Board sheet tiles of size 595 mm x 595 mm or 595 mm x 1195 mm conforming to IS 2095 - 1982 fixing to Gyp steel Precoated GI wall angle of size 25 mm x 25 mm x of 0.70 mm thick along the perimeter of ceiling screw fixed to brick work/ partition at 610 mm c/c and suspending the frame work using pre-coated GI Tee section (24 mm x 38 mm x 0.7 mm) from soffit at 1220 mm c/c fixed with GI Soffit Cleat, rawl plugs and steel expansion fasteners & connecting clip to the GI T section with 4 mm dia GI Rod with galvanized spring steel level clip of PVC universal holding clips system at 1200 mm c/c and fixing the 12.5 mm / 9.5 mm Gypboard Sheet tiles of size 595 mm x 595 mm or 595 mm x 1195 mm and finishing two coats of drywall topcoat complete for finished item of work as per India Gypsum Ltd specification. | | | | |
| | UNIT -1 sqm | | | | |
| | A) Material requirement as per India Gypsum | | | | |
| | 12.5 / 9.5 mm - Gypboard Tiles: 595 x 595 mm / 595 x 1195 mm | sqm | 1.00 | | |
| | GI Precoated Angle - 25 mm x 25 mm x 0.7 mm | RM | 0.40 | | |
| | GI Precoated T Section: 24 mm x 38 mm x 0.7 mm | RM | 3.20 | | |
| | GI Rod - 4 mm Dia Connecting Rod | RM | 1.28 | | |
| | Rawl Plug | Nos | 1.28 | | |
| | Soffit Cleats | Nos | 1.28 | | |
| | Universal Holding Clips | Nos | 5.36 | | |
| | Drywall Top Coat | Liters | 0.15 | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | B) LABOUR CHARGES | | | | |
| | 1st Class Carpenter | day | 0.120 | | |
| | 2nd Class Carpenter | day | 0.120 | | |
| | 1st Class Painter | day | 0.024 | | |
| | 2nd Class Painter | day | 0.024 | | |
| | Power Saw Cutter - Hand Operated - Operator | day | 0.012 | | |
| | Power Drill - Hand Operated - Operator | day | 0.012 | | |
| | Unskilled Mazdoor | day | 0.072 | | |
| | C) Machinery | | | | |
| | Power Saw Cutter - Hand Operated - Hire charges | Hrs | 0.320 | | |
| | Power Drill - Hand Operated - Hire Charges | Hrs | 0.320 | | |
| | Scaffolding charges | | 1% | | |
| | D) Labour Allowance on B | | | | |
| | E) Overheads and Contractor's Profit on A+B+C+D | | | | |
| 3 | **Armstrong Fine line grid false ceiling** | | | | |
| | Providing and fixing in true horizontal level 600 mm x 600 mm 15 mm thick Arm strong false ceiling system manufactured by M/s Arm strong world Industries using hot dipped Galvanized Steel section exposed surface with pre-coated capping, main Tee of size 24 x 32 mm at every 1200 mm c/c maximum and rotary stitched cross tee of size 24 x 27 mm at every 600 mm c/c and sub-cross tee of size 24 mm x 25 mm at 1200 mm c/c and wall angle of size 19 x 19 mm fixed to periphery of the wall and the above grid is suspended at every 1200 mm c/c in both directions using 2.0 mm thick pre-straightened GI Wire laying fine fissured butt edge ceiling tiles of 15 mm thick mineral fiber Board manufactured by M/s Arm Strong World Industries Ltd., having RH 99% and for finished of size 600 x 600 mm including Cost &conveyance of all materials and labour charges such as cutting , fixing of standing of frame work exposing roof making complete for finished item of work | | | | |
| | UNIT -1 sqm | | | | |
| | A) Material requirement | | | | |
| | 15 mm - Armstrong Mineral Fiber sheet 600 x 600 | sqm | 1.00 | | |
| | Precoated Hot dipped GI Angle Grid: 19 x 19 mm | RM | 0.40 | | |
| | Polyester painted GI - T Section: 24 x 32 mm and 24 x 25 mm (sub-cross Tee) | RM | 1.60 | | |
| | Polyester painted GI - T Section - 24 x 27 mm | RM | 1.60 | | |
| | GI pre-straightened - 2.0 mm dia Connecting Rod | RM | 1.28 | | |
| | 6 mm Nylon Rawl Plug | Nos | 1.28 | | |
| | B) LABOUR CHARGES | | | | |
| | PER UNIT 1 sqm | | | | |
| | 1st Class Carpenter | day | 0.120 | | |
| | 2nd Class Carpenter | day | 0.120 | | |
| | 1st Class Painter | day | 0.024 | | |
| | 2nd Class Painter | day | 0.024 | | |
| | Power Saw Cutter - Hand Operated - Operator | day | 0.012 | | |
| | Power Drill - Hand Operated - Operator | day | 0.012 | | |
| | Unskilled Mazdoor | day | 0.072 | | |
| | C) Machinery | | | | |
| | Power Saw Cutter - Hand Operated - Hire charges | Hrs | 0.32 | | |
| | Power Drill - Hand Operated - Hire Charges | Hrs | 0.32 | | |
| | Scaffolding charges | | 1% | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | D) Labour Allowance on B | | | | |
| | E) Overheads and Contractor's Profit on A+B+C+D | | | | |
| 4 | **Thermocole - Grid false ceiling** | | | | |
| | Providing and fixing Thermocole False ceiling in true horizontal level 600 mm x 600 mm using 15 mm/ 19 mm thick Thermocole sheet anodized Aluminium Tee sections of size 24.50 mm x 24.0 mm x 2.4 mm in grid with cross tee of size 24 x 24.5 mm at every 600 mm c/c and anodized aluminium wall angle of size 24 x 24 mm fixed to periphery of the wall and the above grid is suspended at every 1200 mm c/c in both directions using 2.0 mm thick GI Wire for finished of size 600 x 600 mm including Cost &conveyance of all materials and labour charges such as cutting , fixing of standing of frame work exposing roof making complete for finished item of work | | | | |
| | UNIT -1 sqm | | | | |
| | A) Material requirement | | | | |
| | 15 mm/ 19 mm Thermocole sheet 600 x 600 | sqm | 1.00 | | |
| | Aluminium Angle : 24 mm x 24 mm | RM | 0.40 | | |
| | Anodized Aluminium T Section: 24 x 24.5 x 2.4 mm | RM | 3.20 | | |
| | GI Rod – pre-straightened - 2.0 mm dia - Connecting Rod | Nos | 1.28 | | |
| | Rawl Plugs | Nos | 1.28 | | |
| | B) LABOUR CHARGES | | | | |
| | 1st Class Carpenter | day | 0.108 | | |
| | 2nd Class Carpenter | day | 0.108 | | |
| | Power Saw Cutter - Hand Operated - Operator | day | 0.02 | | |
| | Power Drill - Hand Operated - Operator | day | 0.04 | | |
| | Unskilled Mazdoor | day | 0.20 | | |
| | C) Machinery | | | | |
| | Power Saw Cutter - Hand Operated - Hire charges | Hrs | 0.16 | | |
| | Power Drill - Hand Operated - Hire Charges | Hrs | 0.32 | | |
| | Scaffolding charges | | 1% | | |
| | D) Labour Allowance on B | | | | |
| | E) Overheads and Contractor's Profit on A+B+C+D | | | | |
| 5 | **S&F HYSD/TMT/MS bars (Lap splicing)** | | | | |
| | Providing High Yield Strength Deformed (HYSD)/ Thermo Mechanically Treated (TMT) / Mild steel (MS) steel bars (Fe 415/ Fe 500 grade as per IS 1786-1979) of different diameters for RCC works , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc., complete for finished item of work in all floors.( APSS No.126) | | | | |
| | Unit = 1 MT | | | | |
| | A) MATERIAL | | | | |
| | HYSD/TMT/ MS bars including 5 per cent for overlaps and wastage | MT | 1.05 | | |
| | Binding wire | kg | 6.00 | | |
| | B) LABOUR for cutting, bending, shifting to site, tying, lap splicing and placing in position | | | | |
| | Blacksmith / Bar bender | day | 10.00 | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | Mazdoor (Unskilled) | day | 10.00 | | |
| | C) Labour Allowance on B | | | | |
| | D) Overheads and Contractor's Profit on A+B+C | | | | |
| 6 | **S&F HYSD/ TMT / MS bars (Welding)** | | | | |
| | Providing High Yield Strength Deformed (HYSD)/ Thermo Mechanically Treated (TMT)/ Mild Steel (MS) steel bars (Fe 415/ Fe 500 grade as per IS 1786-1979) of different diameters for RCC works , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and welding using electrodes, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, welding, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, welding including sales and other taxes on all materials etc., complete for finished item of work in all floors.( APSS No.126) | | | | |
| | Unit = 1 MT | | | | |
| | A) MATERIALS | | | | |
| | HYSD/ TMT/ MS bars including 2.5 per cent for wastage | MT | 1.025 | | |
| | Welding Electrodes @ 5 per joint (14 joints / ton) | each | 70.000 | | |
| | Binding wire | kg | 3.00 | | |
| | B) Labour for cutting, bending, shifting to site, welding and placing in position | | | | |
| | Welder | day | 2.50 | | |
| | Blacksmith | day | 10.00 | | |
| | Mazdoor (Unskilled) | day | 10.00 | | |
| | C) Machinery | | | | |
| | Welding Charges (Hire charges of Welding Machine) | Hr | 10.00 | | |
| | D) Labour Allowance on B | | | | |
| | E) Overheads and Contractor's Profit on A+B+C+D | | | | |
| 7 | **Aluminium Fixed Glazing** | | | | |
| | Supply and fixing of aluminium fixed glazing as per drawing using standard powder coated/ anodized aluminium section of 101.4 x 44.45 x of specified thickness fitted with 6.0mm thick / 4.0 mm thick plain glass glazing fitted with suitable Aluminium glazing clips and approved brand silicon sealant including cost and conveyance of all materials labour charges for manufacturing fixing in position using wooden blocks and sheet metal screw etc. to complete for finished item of work as approved by Engineer-in-charge | | | | |
| | Unit - 1 sqm | | | | |
| | A) Material requirement | | | | |
| | ALUMINIUM SECTION | Kgs | as per design | | |
| | GLAZING with GLASS | sqm | as per design | | |
| | SILICON SEALANT | Kgs | as per design | | |
| | RUBBER BEADING | RM | as per design | | |
| | B) LABOUR CHARGES | | | | |
| | 1st Class Carpenter | day | 0.351 | | |
| | 2nd Class Carpenter | day | 0.429 | | |
| | Power Saw Cutter - Hand Operated - Operator | day | 0.039 | | |
| | Power Drill - Hand Operated - Operator | day | 0.078 | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | Unskilled Mazdoor | day | 0.234 | | |
| | Non-technical work inspector | Nos | 0.078 | | |
| | C) Machinery | | | | |
| | Power Saw Cutter - Hand Operated - Hire charges | Hrs | 0.312 | | |
| | Power Drill - Hand Operated - Hire Charges | Hrs | 0.624 | | |
| | D) Labour Allowance on B | | | | |
| | Power charges for Motors | | 1% | | |
| | E) Overheads and Contractor's Profit on A+B+C+D | | | | |
| 8 | **Aluminium Partition partly glazed** | | | | |
| | Supply and fixing of aluminium Partition partly glazed as per drawing using standard powder coated/ anodized aluminium section of 101.4 x 44.45 of specified thickness fitted with 12.0mm thick Particle Boards - Prelaminted up to 2.1 M height and balance height provided with 5.0 mm thick plain glass glazing fitted with suitable Aluminium glazing clips and approved brand silicon sealant including cost and conveyance of all materials labour charges for manufacturing fixing in position using wooden blocks and sheet metal screw etc. to complete for finished item of work as approved by Engineer-in-charge | | | | |
| | Unit - 1 sqm | | | | |
| | A) Material requirement | | | | |
| | ALUMINIUM SECTION | Kgs | as per design | | |
| | PARTICLE BOARD - Prelaminted | sqm | as per design | | |
| | GLAZING with GLASS | sqm | as per design | | |
| | SILICON SEALANT | Kgs | as per design | | |
| | RUBBER BEADING | RM | as per design | | |
| | B) LABOUR CHARGES | | | | |
| | 1st Class Carpenter | day | 0.434 | | |
| | 2nd Class Carpenter | day | 0.434 | | |
| | Power Saw Cutter - Hand Operated - Operator | day | 0.043 | | |
| | Power Drill - Hand Operated - Operator | day | 0.058 | | |
| | Unskilled Mazdoor | day | 0.145 | | |
| | Non-technical work inspector | Nos | 0.072 | | |
| | C) Machinery | | | | |
| | Power Saw Cutter - Hand Operated - Hire charges | Hrs | 0.347 | | |
| | Power Drill - Hand Operated - Hire Charges | Hrs | 0.463 | | |
| | D) Labour Allowance on B | | | | |
| | Power charges for Motors | | 1% | | |
| | E) Overheads and Contractor's Profit on A+B+C+D | | | | |
| 9 | **Aluminium Anodized Casement windows** | | | | |
| | Unit - 1 sqm | | | | |
| | Supply and fixing Aluminium Anodized Casement windows as per approved drawing with aluminium anodized sections of Series C Jindal or approved equivalent make Hollow sections and outer frame of 8804 of size 46 x 44 mm, Shutter frame of 8802 of size 44 mm x 46 mm and Mullion frame of 8803 of size 59 x 38 and glazing section of 4433 with plain clear float glass 6 mm thick fixed including supply and fixing aluminium powder coated 1 No. of casement friction stay hinges for each shutter, 1 Nos. aluminium handles of 150 mm for each shutter and all labour charges for fixing the fixtures with required no. of screws, bolts and nuts and including labour charges for fixing the frame in position, fixing shutter to frame etc. completed for finished item of work | | | | |
| | Unit - 1 sqm | | | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | A) Material requirement | | | | |
| | ALUMINIUM SECTION | Kgs | as per design | | |
| | GLAZING with GLASS | sqm | as per design | | |
| | SILICON SEALANT | Kgs | as per design | | |
| | RUBBER BEADING | RM | as per design | | |
| | Alum Anodized PC Friction stay casement hinges | Each | as per design | | |
| | Alum Anodized PC Handles | Each | as per design | | |
| | B) LABOUR CHARGES | | | | |
| | 1st Class Carpenter | day | 0.100 | | |
| | 2nd Class Carpenter | day | 0.300 | | |
| | Power Saw Cutter - Hand Operated - Operator | day | 0.100 | | |
| | Power Drill - Hand Operated - Operator | day | 0.100 | | |
| | Unskilled Mazdoor | day | 0.300 | | |
| | Non-technical work inspector | Nos | 0.100 | | |
| | C) Machinery | | | | |
| | Power Saw Cutter - Hand Operated - Hire charges | Hrs | 0.800 | | |
| | Power Drill - Hand Operated - Hire Charges | Hrs | 0.800 | | |
| | D) Labour Allowance on B | | | | |
| | Power charges for Motors | | 1% | | |
| | E) Overheads and Contractor's Profit on A+B+C+D | | | | |
| | BASIC COST per 1 sqm | | | | |
| 10 | **Aluminium Two/ Three Track Sliding Windows** | | | | |
| | Supply and fixing Aluminium Anodized Two/ Three Track Sliding Windows as per approved drawing with aluminium anodized sections of Series C Jindal or approved equivalent make sections and outer frame top horizontals & both verticals of 8774 of size 62 x 29.5 mm and bottom horizontal - two track frame of 8773 of size 62 x 29.5 mm, Shutter frame top, bottom and verticals of 8304 of size 50 mm x 20 mm and Weather interlocking frame of 8306 of size 50 x 20 with plain clear float glass 5 mm thick fixed including supply and fixing aluminium handles of 100 mm for each shutter, nylon rollers assembly and all labour charges for fixing the fixtures with required no. of screws, bolts and nuts and including labour charges for fixing the frame in position, fixing shutter to frame etc. completed for finished item of work | | | | |
| | UNIT 1 sqm | | | | |
| | A) Material requirement | | | | |
| | ALUMINIUM SECTION | Kgs | as per design | | |
| | GLAZING with GLASS | sqm | as per design | | |
| | SILICON SEALANT | Kgs | as per design | | |
| | RUBBER BEADING | RM | as per design | | |
| | Aluminium Anodized PC Handles | Each | as per design | | |
| | B) LABOUR CHARGES | | | | |
| | 1st Class Carpenter | day | 0.096 | | |
| | 2nd Class Carpenter | day | 0.289 | | |
| | Power Saw Cutter - Hand Operated - Operator | day | 0.096 | | |
| | Power Drill - Hand Operated - Operator | day | 0.096 | | |
| | Unskilled Mazdoor | day | 0.289 | | |
| | Non-technical work inspector | Nos | 0.096 | | |
| | C) Machinery | | | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | Power Saw Cutter - Hand Operated - Hire charges | Hrs | 0.771 | | |
| | Power Drill - Hand Operated - Hire Charges | Hrs | 0.771 | | |
| | D) Labour Allowance on B | | | | |
| | Power charges for Motors | | 1% | | |
| | E) Overheads and Contractor's Profit on A+B+C+D | | | | |
| 11 | **Aluminium Anodized Doors - Single Shutter** | | | | |
| | Supply and fixing Aluminium Anodized Doors - Single Shutter as per approved drawing with aluminium anodized sections of Jindal or approved equivalent make sections and outer frame top horizontals & both verticals of 2408 of size 101.6 x 44.75 of specified thickness Shutter frame top, bottom and verticals of 4504 of size 44.45 mm x 47.62 mm of specified thickness and Middle lock rail of 4621 of size 49.91 x 44.45 x 3 mm with plain clear float glass 5 mm thick fixed including supply and fixing aluminium handles of 100 mm for each shutter, floor springs/ hydraulic door closure assembly and all labour charges for fixing the fixtures with required no. of screws, bolts and nuts and including labour charges for fixing the frame in position, fixing shutter to frame etc. completed for finished item of work | | | | |
| | UNIT 1 sqm | | | | |
| | A) Material requirement | | | | |
| | ALUMINIUM SECTION | Kgs | as per design | | |
| | GLAZING with GLASS | sqm | as per design | | |
| | SILICON SEALANT | Kgs | as per design | | |
| | RUBBER BEADING | RM | as per design | | |
| | Aluminium Anodized PC Handles | Each | as per design | | |
| | Hydraulic Floor Spring/ Door Closure | Each | as per design | | |
| | B) LABOUR CHARGES | | | | |
| | 1st Class Carpenter | day | 0.099 | | |
| | 2nd Class Carpenter | day | 0.198 | | |
| | Power Saw Cutter - Hand Operated - Operator | day | 0.099 | | |
| | Power Drill - Hand Operated - Operator | day | 0.099 | | |
| | Unskilled Mazdoor | day | 0.297 | | |
| | Non-technical work inspector | Nos | 0.099 | | |
| | C) Machinery | | | | |
| | Power Saw Cutter - Hand Operated - Hire charges | Hrs | 0.793 | | |
| | Power Drill - Hand Operated - Hire Charges | Hrs | 0.793 | | |
| | D) Labour Allowance on B | | | | |
| | Power charges for Motors | | 1% | | |
| | E) Overheads and Contractor's Profit on A+B+C+D | | | | |
| 12 | **Melamine polishing on wood work** | | | | |
| | Supply & applying Melamine Polish Glossy/ Matt finish to the wood works duly cleaning the surface and applying emery paper, Sand the wood with 180 No., emery paper and then with 320 No., emery paper, clean & wipe off loose dust, applying suitable knifing paste filler / wood filler by putty knife / muslin pad, air dry for 2 - 3 hrs, sand with 180 and 320 No., emery paper, apply two component wood sealer, air dry for 24 hrs, Sand with 320 No emery paper, applying one coat of approved spraying thinner (for spraying)/ applying one coat of approved brushing thinner or general purpose thinner (for brushing) and apply (either with spray or brush) two coats of approved brand melamine including cost & labour charges, emery papers, cost of thinner & melamine polish of approved brands such as Jenson & Nicholson, Asian Paints, Berger Paints or equivalent etc., complete for finished item of work | | | | |
| | Unit = 1 SQM | | | | |
| | A) MATERIALS : | | | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | Melamine polish | L | 0.065 | | |
| | Thinner for Melamine polish | L | 0.033 | | |
| | B) LABOUR | | | | |
| | Painter | day | 0.800 | | |
| | Helper | day | 0.800 | | |
| | Sundries for Spraying Machine etc., | LS | | | |
| | C) Labour Allowance on B | | | | |
| | D) Overheads and Contractor's Profit on A+B+C | | | | |
| 13 | **Poly-Urethane (PU)polishing on wood work** | | | | |
| | Supply & applying Poly-Urethane Water Proof Polish Glossy/ Matt finish to the wood works duly cleaning the surface and applying emery paper, Sand the wood with 180 No., emery paper and then with 320 No., emery paper, clean & wipe off loose dust, applying suitable knifing paste filler / wood filler by putty knife / muslin pad, air dry for 2 - 3 hrs, sand with 180 and 320 No., emery paper, applying two component wood sealer, after the surface preparation applying one coat of approved spraying PU thinner (for spraying) / applying one coat of approved brushing PU thinner or general purpose thinner (for brushing) and apply one coat of PU by brush or spray, air-dry overnight, Sand again with 180 No. emery paper and removing dust, applying second coat of PU, air drying for 4 - 6 Hrs, Sand with 320 No emery paper, and applying (either with spray or brush) two coats of approved brand PU including cost & labour charges, emery papers, cost of thinner & PU of approved brands such as Jenson & Nicholson, Asian Paints, Berger Paints or equivalent etc., complete for finished item | | | | |
| | Unit = 1 SQM | | | | |
| | A) MATERIALS : | | | | |
| | Poly-Urethene Polish - Interior Grade | L | 0.065 | | |
| | Thinner for Polyurethane polish | L | 0.033 | | |
| | B) LABOUR | | | | |
| | Painter | day | 0.800 | | |
| | Helper | day | 0.800 | | |
| | Sundries for Spraying Machine etc., | LS | | | |
| | C) Labour Allowance on B | | | | |
| | D) Overheads and Contractor's Profit on A+B+C | | | | |
| | | | | | |
| | **Painting Items from Serial No: 185 to 192 item code - BLD-CSTN-12-11 are deleted** | | | | |
| | | | | | |
| 14 | **Plastic Emulsion paint-1 coat-Internal Walls** | | | | |
| | Painting to new walls with 1 coat of plastic emulsion paint of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 911 for internal walls | | | | |
| | Total cost for 10 sqm | | | | |
| | A. MATERIALS : | | | | |
| | Plastic Emulsion paint (at 20 sqm / liter as per British Paints (I) Ltd. | L | 0.500 | | |
| | B. LABOUR | | | | |
| | Painter - 1st Class | day | 0.210 | | |
| | Painter - 2nd class | day | 0.490 | | |
| | Sundries for Spraying Machine etc., | LS | | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | C) Labour Allowance on B | | | | |
| | D) Overheads and Contractor's Profit on A+B+C | | | | |
| 15 | **Plastic Emulsion paint-2 coats-Internal Walls** | | | | |
| | Painting to new walls with 2 coats of plastic emulsion paint of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 911 for internal walls | | | | |
| | Total cost for 10 sqm | | | | |
| | A) MATERIALS : | | | | |
| | Plastic Emulsion paint (at 20 sqm / liter as per British Paints (I) Ltd. | L | 0.800 | | |
| | B) LABOUR | | | | |
| | Painter - 1st Class | day | 0.360 | | |
| | Painter - 2nd class | day | 0.840 | | |
| | Sundries for Spraying Machine etc., | LS | | | |
| | C) Labour Allowance on B | | | | |
| | D) Overheads and Contractor's Profit on A+B+C | | | | |
| 16 | **Plastic Emulsion paint-1 coat-External Walls** | | | | |
| | Painting to new walls with 1 coat of plastic emulsion paint of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 911 for External walls | | | | |
| | Total cost for 10 sqm | | | | |
| | A) MATERIALS : | | | | |
| | Plastic Emulsion paint (at 20 sqm / liter as per British Paints (I) Ltd. | L | 0.500 | | |
| | B) LABOUR | | | | |
| | Painter - 1st Class | day | 0.150 | | |
| | Painter - 2nd class | day | 0.350 | | |
| | Mazdoor | day | 1.500 | | |
| | Sundries for Spraying Machine etc., | LS | | | |
| | C) Labour Allowance on B | | | | |
| | D) Overheads and Contractor's Profit on A+B+C | | | | |
| 17 | **Plastic Emulsion paint-2 coats-External Walls** | | | | |
| | Painting to new walls with 2 coats of plastic emulsion paint of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 911 for external walls | | | | |
| | Total cost for 10 sqm | | | | |
| | A) MATERIALS : | | | | |
| | Plastic Emulsion paint (at 20 sqm / liter as per British Paints (I) Ltd. | L | 0.800 | | |
| | B) LABOUR | | | | |
| | Painter - 1st Class | day | 0.210 | | |
| | Painter - 2nd class | day | 0.490 | | |
| | Mazdoor | day | 1.500 | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | Sundries for Spraying Machine etc., | LS | | | |
| | C) Labour Allowance on B | | | | |
| | D) Overheads and Contractor's Profit on A+B+C | | | | |
| 18 | **Providing Putty to internal walls** | | | | |
| | Providing and applying synthetic plaster putty or plaster of paris putty or lime punning of average 1 to 2 mm thickness over plastered surface to prepare the surface even and smooth after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, applying emery paper, Sand the surface, clean & wipe off loose dust, applying knifing paste filler by putty knife / muslin pad, air dry for 2 - 3 hrs, sand with 180 and 320 No., emery paper for the surface preparation including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work for Internal walls | | | | |
| | Total cost for 10 sqm | | | | |
| | A) MATERIALS : | | | | |
| | Synthetic/ Plaster of Paris Putty | KG | 23.000 | | |
| | B) LABOUR | | | | |
| | Painter - 1st Class | day | 0.273 | | |
| | Painter - 2nd class | day | 0.637 | | |
| | Mazdoor | Day | 0.910 | | |
| | C) Labour Allowance on B | | | | |
| | Sundries for Emery papers, fillers, knife etc., | LS | | | |
| | D) Overheads and Contractor's Profit on A+B+C | | | | |
| 19 | **Providing Putty to External walls** | | | | |
| | Providing and applying synthetic plaster putty or equivalent putty such as birla wall care putty or texture paint or equivalent such as NCL/ Saicoat texture paint of average 2 to 3 mm thickness over plastered surface to prepare the surface even and smooth after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, applying emery paper, Sand the surface, clean & wipe off loose dust, applying putty/ texture paint filler by putty knife / muslin pad, air dry for 2 - 3 hrs for the surface preparation including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work for external walls - excluding cost of access scaffolding | | | | |
| | Total cost for 10 sqm | | | | |
| | A). MATERIALS : | | | | |
| | Synthetic/ Plaster of Paris Putty | KG | 34.500 | | |
| | B). LABOUR | | | | |
| | Painter - 1st Class | day | 0.546 | | |
| | Painter - 2nd class | day | 1.274 | | |
| | Mazdoor | Day | 1.820 | | |
| | Labour for access scaffold | Sqm | 10.000 | | |
| | C) Labour Allowance on B | | | | |
| | Access scaffold as per Buildings SoR (Cumulative rates for higher floors) | Sqm | 10.00 | | |
| | D) Overheads and Contractor's Profit on A+B+C | | | | |
| 20 | **Boring for Cast-in-Situ piles** | | | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | Augoring and boring of holes in site for **Bored cast-in-situ R.C.C. Piles for building foundations** in loamy, clayey soils like Black cotton soils and ordinary soils without under reams as per IS 2911 - 1980 as per approved designs including all operations, incidental, labour charges, hire charges of machinery, augur bore drill and shell equipment, etc, complete for all depths and for finished item of work for piles of following diameters. | | | | |
| a | **up to 300 mm dia** | | | | |
| | Total cost for 1 RM | | | | |
| | A. MATERIALS : | | | | |
| | Nil | | | | |
| | B. LABOUR | | | | |
| | Mazdoor | Day | 0.526 | | |
| | C) Labour Allowance | | | | |
| | D) Overheads and Contractor's Profit | | | | |
| | | | | | |
| b | **350 mm dia 450 mm dia** | | | | |
| | Total cost for 1 RM | | | | |
| | A. MATERIALS : | | | | |
| | Nil | | | | |
| | B. LABOUR | | | | |
| | Mazdoor | Day | 0.631 | | |
| | C) Labour Allowance | | | | |
| | D) Overheads and Contractor's Profit | | | | |
| | | | | | |
| c | **500 mm dia to 700 mm dia** | | | | |
| | Total cost for 1 RM | | | | |
| | A. MATERIALS : | | | | |
| | Nil | | | | |
| | B. LABOUR | | | | |
| | Mazdoor | Day | 0.789 | | |
| | C) Labour Allowance | | | | |
| | D) Overheads and Contractor's Profit | | | | |
| | | | | | |
| d | **750 mm dia and above please adopt MoRTH data** | | | | |
| | | | | | |
| 21 | **Under Reaming for Cast-in-Situ piles** | | | | |
| | Under-reaming for **Bored cast-in-situ R.C.C. Piles for building foundations** in loamy, clayey soils like Black cotton soils and ordinary soils with Augoring and boring equipment in site as per IS 2911 - 1980 as per approved designs including all operations, incidental, labour charges, hire charges of machinery, augur bore drill and shell equipment, etc, complete for all depths and for finished item of work for piles of following diameters. | | | | |
| a | **up to 300 mm dia - DOUBLE UNDER REAMING** | | | | |
| | Total cost for 1 Bulb Each | | | | |
| | A. MATERIALS : | | | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | Nil | | | | |
| | B. LABOUR | | | | |
| | Mazdoor | Day | 0.560 | | |
| | C) Labour Allowance | | | | |
| | D) Overheads and Contractor's Profit | | | | |
| | | | | | |
| b | **350 mm dia 450 mm dia - DOUBLE UNDER REAMING** | | | | |
| | Total cost for 1 Bulb Each | | | | |
| | A. MATERIALS : | | | | |
| | Nil | | | | |
| | B. LABOUR | | | | |
| | Mazdoor | Day | 0.789 | | |
| | C) Labour Allowance | | | | |
| | D) Overheads and Contractor's Profit | | | | |
| | | | | | |
| c | **500 mm dia to 700 mm dia - DOUBLE UNDER REAMING** | | | | |
| | Total cost for 1 Bulb Each | | | | |
| | A. MATERIALS : | | | | |
| | Nil | | | | |
| | B. LABOUR | | | | |
| | Mazdoor | Day | 0.986 | | |
| | C) Labour Allowance | | | | |
| | D) Overheads and Contractor's Profit | | | | |
| | | | | | |
| d | **750 mm dia and above please adopt MoRTH data** | | | | |
| | | | | | |
| 22 | **DESIGN MIX CONCRETE (WEIGH BATCH at SITE) for Cast-in-Situ piles** | | | | |
| | Supply and placing of the Design Mix Concrete corresponding to IS 456 using WEIGH BATCHER / MIXER with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and including seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as weigh batching, machine mixing, pouring concrete by trammy, curing etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402)with minimum cement content as per IS code from standard suppliers approved by the department including trammy pumping, laying concrete, curing etc. complete but excluding cost of steel and its fabrication charges for finished item of work. | | | | |
| D | **BORED CAST-IN-SITU UNDER REAMED PILES including Bore pile stem and under ream bulbs** | | Excluding Cement cost | | |
| | ANY GRADE OF MIX AND UP TO 700 mm dia | | | | |
| | **Unit : 1cum** | | | | |
| | A. MATERIALS: | | | | |
| | Cement | MT | as per mix design | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | 20mm HBG graded metal | cum | 0.800 | | |
| | Sand | cum | 0.400 | | |
| | Water (including for curing) | Kl | 1.200 | | |
| | B. LABOUR: | | | | |
| | 1st Class Mason | day | 0.100 | | |
| | 2nd Class Mason | day | 0.200 | | |
| | Mazdoor (Both Men & Women) | day | 3.450 | | |
| | C. MACHINERY | | | | |
| | Weigh Batcher Hire charges (Machine mixing) charges | hour | 1.000 | | |
| | **D. Labour Allowance on B** | | | | |
| | **E. Overheads and Contractor's Profit on A+B+C+D** | | | | |
| | | | | | |
| | | | | | |
| 22 | **DESIGN MIX CONCRETE (BATCHING PLANT at SITE) for Cast-in-Situ piles** | | | | |
| | Supply and placing of the Design Mix Concrete corresponding to IS 456 using BATCHING PLANT at site with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and including seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as batching, mixing, pouring concrete by tremmy, curing etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402)with minimum cement content as per IS code from standard suppliers approved by the department including tremmy pumping, laying concrete, curing etc. complete but excluding cost of steel and its fabrication charges for finished item of work. | | | | |
| D | **BORED CAST-IN-SITU UNDER REAMED PILES including Bore pile stem and under ream bulbs** | | Excluding Cement cost | | |
| | ANY GRADE OF MIX AND UP TO 700 mm dia | | | | |
| | **Unit : 1cum** | | | | |
| | **A. MATERIALS:** | | | | |
| | Cement | MT | as per mix design | | |
| | Coarse aggregate 20mm graded | cum | 0.80 | | |
| | Fine aggregate (Sand) | cum | 0.40 | | |
| | Water (including for curing) | kl | 1.20 | | |
| | **B. MACHINERY** | | | | |
| | Batching plant at 20 cum per hour | hour | 0.167 | | |
| | Transit mixer 4cum capacity for lead upto 1km | hour | 0.167 | | |
| | Concrete Pump (Tremmy) | day | 0.167 | | |
| | **C. LABOUR:** | | | | |
| | Mason 1$^{st}$ class | day | 0.042 | | |
| | Mason 2$^{nd}$ class | day | 0.042 | | |
| | Mazdoor (unskilled) | day | 0.688 | | |
| | **D. Labour Allowance on C** | | 0% | | |
| | **E. Overheads and Contractor's Profit on A+B+C+D** | | 0% | | |

| Sl | Specification | Unit | Coefficient | Rate | Amount |
|---|---|---|---|---|---|
| | **Grand Total** | | | | |
| | **Note :** Wherever concrete is carried out using batching plant, transit mixer, concrete pump, then Admixtures @ 0.4% of weight of cement may be added for achieving desired slump of concrete. If concentrated Admixture is proposed, only 0.04% of weight of Cement shall be used. | | | | |

The Heads of Departments mentioned below are requested to communicate the correction to their sub-ordinate officers.

The above changes come into force with immediate effect.

The receipt of the proceedings may please be acknowledged.

N. Rama Rao
Engineer-in-Chief (R&B) Buildings
Convener-Member,
Committee of Chief Engineers-Buildings-SoR

To

1. Engineer-in-Chief (Admn. & NH), Roads & Buildings Department.
2. Engineer-in-Chief (IW)I&CAD, Irrigation Department.
3. Engineer-in-Chief, P.H.&M.E. Department.
4. Engineer-in-Chief (P.R.), Panchayat Raj Department.
5. Engineer-in-Chief, Tribal Welfare & Social Welfare Department.
6. Engineer-in-Chief, Greater Hyderabad Hyderabad Corporation (GHMC)
7. Chief Engineer (QC) R&B Department.
8. Chief Engineer (AP Housing Board)
9. Chief Engineer, Greater Hyderabad Hyderabad Corporation (GHMC)
10. Chief Engineer (Housing Corporation)
11. Chief Engineer (APSRTC)
12. Chief Engineer (APMSIDC)
13. Chief Engineer (AP Police Housing & Welfare Corporation)
14. Superintending Engineer (R&B), Head Quarters Circle, Hyderabad