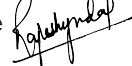


**Civil Works : Schedule "A"
Schedule No 8 : Roofing Work**

Name of Work : Construction of Staff Residences on Plot Nos 53 / 11 to 53 / 14, Rajendra Nagar, New Delhi - 110 060

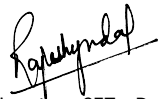
| SCHEDULE 'A' PART IIX : ROOFING | | | | | | |
|---|--------------------|---|-------------|-----------------|------------------|--------------------|
| Name of Work : Construction of Staff Residences on Plot Nos 53 / 11 to 53 / 14 | | | | | | |
| Ser No | DSR Item No | Description of Items | Unit | Quantity | Rate (Rs) | Amount (Rs) |
| | | Sub Head - Roofing | | | | |
| 1 | 12.21 | Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : | | | | |
| 1.1 | 12.21.1 | In 75x75 mm deep chase metre | Meter | 140 | | |
| 2 | 12.22 | Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete. | Each | 16 | | |
| 3 | 12.41 | Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. | | | | |
| 3.1 | 12.41.1 | 75 mm diameter | meter | 30 | | |
| 3.2 | 12.41.2 | 110 mm diameter | Meter | 130 | | |
| 4 | 12.42 | Providing and fixing on wall face unplasticised - PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. | | | | |
| 4.1 | 12.42.3 | Single tee with door | | | | |
| 4.1.1 | 12.42.3.1 | 75x75x75 mm | Each | 2 | | |

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Civil Works : Schedule "A"
Schedule No 8 : Roofing Work

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| Ser No | DSR Item No | Description of Items | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|---------|---------------------|---|------|----------|-----------|-------------|
| 4.1.2 | 12.42.3.2 | 110x110x110 mm | Each | 2 | | |
| 4.2 | 12.42.4 | Single tee without door | | | | |
| 4.2.1 | 12.42.4.1 | 75x75x75 mm | Each | 2 | | |
| 4.2.2 | 12.42.4.2 | 110x110x110 mm | Each | 2 | | |
| 4.3 | 12.42.5 | Bend 87.5° | | | | |
| 4.3.1 | 12.42.5.1 | 75 mm bend | Each | 8 | | |
| 4.3.2 | 12.42.5.2 | 110 mm bend | Each | 8 | | |
| 4.3.3 | 12.42.6 | Shoe (Plain) | | | | |
| 4.3.3.1 | 12.42.6.1 | 75 mm Shoe | Each | 8 | | |
| 4.3.3.2 | 12.42.6.2 | 110 mm Shoe | Each | 8 | | |
| 5 | 12.43 (modified) | Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm pvc plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. | | | | |
| 5.1 | 12.43.1 | 75mm | Each | 16 | | |
| 5.2 | 12.43.2 | 110mm | Each | 80 | | |
| 6 | 12.44 | Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams. | Each | 16 | | |

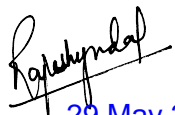


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Civil Works : Schedule "A"
Schedule No 8 : Roofing Work

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| Ser No | DSR Item No | Description of Items | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|-------------|---|------|----------|-----------|-------------|
| 7 | 12.45 | Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : | | | | |
| | 12.45.2 | 12.5 mm thick tapered edge Glass Reinforced Gypsum (GRG) board conforming to IS: 2095- (Part 3):1996 (Boards with BIS certification marks) | Sqm | 130 | | |
| | 12.45.3 | 12.5 mm thick tapered edge gypsum moisture resistant board | Sqm | 130 | | |
| | | Total :: Schedule "A" : Schedule No 8 : Roofing Works (Rs) | | | | |



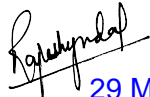
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Schedule No 8 : Roofing WorkSignature of Contractor
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Civil Works : Schedule "A"
Schedule No 9 : Steel Work

Name of Work : Construction of Staff Residences on Plot Nos 53 / 11 to 53 / 14

| Ser No | DSR Item | Description of Item | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|---|--|------|----------|-----------|-------------|
| | | Steel Work - IX | | | | |
| 1 | Non DSR Item (modified from item No 10.15) | Providing and fixing M.S. Tubular frames for doors single / double rebated of make Apollo, single rebated section 100 x 50 thickness 2.5 mm, double rebated section 130 x 65 thickness 2.5 mm, joints mitred, welded and grinded finished, with profiles of required size, including fixing of 125 mm four numbers SS butt hinges 2.5 mm thick with SS screws with mortar guard, fixing jamb, lock jamb, lock strike-plate including making locking arrangements, shock absorber, bead and if required angle threshold of mild steel angle of section 50 x 25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, door frame to be fixed with eight numbers hold fast of size 150 mm long with flat iron 40 x 6 mm embedded in cement concrete block as per wall size, of C.C. 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), back side of chowkhat and hold fast in contact with concrete / brick to be treated with two coats of black Japan paint of approved quality and applying a priming coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge. | Kgs | 2970 | | |
| 2 | 10.5 | Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. | | | | |
| 2.1 | 10.5.1 | Using M.S. angels 40x40x6 mm for diagonal braces | Sqm | 24 | | |



29 May 2023

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Schedule "A"
Schedule No 9 : Steel Work

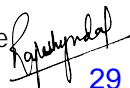
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Civil Works : Schedule "A"
Schedule No 9 : Steel Work

Name of Work : Construction of Staff Residences on Plot Nos 53 / 11 to 53 / 14

| Ser No | DSR Item | Description of Item | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|----------|--|------|----------|-----------|-------------|
| 3 | 10.16 | Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. | | | | |
| 3.1 | 10.16.3 | Electric resistance or induction butt welded tubes | Kgs | 850 | | |
| 4 | 10.25 | Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. | | | | |
| 4.1 | 10.25.2 | In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works | Kgs | 2000 | | |
| 5 | 10.26 | Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. | | | | |
| 5.1 | 10.26.1 | M.S. tube | Kgs | 500 | | |
| 5.2 | 10.26.2 | E.R.W. tubes | Kgs | 50 | | |
| 5.3 | 10.26.3 | G.I. pipes | Kgs | 50 | | |
| 6 | 10.27 | Providing and fixing carbon steel galvanised (minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm ²), counter sunk head, comprising of 10 mm dia polyamide PA6 grade sleeve, including drilling of hole in frame , concrete/ masonry, etc. as per direction of Engineer-in-charge. | | | | |

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29 May 2023

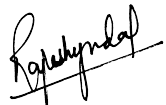
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Schedule No 9 : Steel Work

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**Civil Works : Schedule "A"
Schedule No 9 : Steel Work**

Name of Work : Construction of Staff Residences on Plot Nos 53 / 11 to 53 / 14

| Ser No | DSR Item | Description of Item | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|--------------|--|------|----------|-----------|-------------|
| 6.1 | 10.27.1 | 10 x 60 mm | Each | 10 | | |
| 6.2 | 10.27.2 | 10 x 80 mm | Each | 22 | | |
| 6.3 | Non DSR Item | 10 x 100 mm | Each | 45 | | |
| 6.4 | 10.27.3 | 10 x 120 mm | Each | 20 | | |
| 6.5 | 10.27.4 | 10 x 140 mm | Each | 10 | | |
| 6.6 | 10.27.5 | 10 x 160 mm | Each | 5 | | |
| 7 | 10.28 | Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). | Kgs | 1000 | | |



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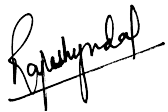
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Schedule No 9 : Steel Work

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**Civil Works : Schedule "A"
Schedule No 9 : Steel Work**

Name of Work : Construction of Staff Residences on Plot Nos 53 / 11 to 53 / 14

| Ser No | DSR Item | Description of Item | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|---|--|------|----------|-----------|-------------|
| 8 | Non DSR Item (Modified from Item No 10.31) | Providing and fixing angle iron frames for doors, windows and ventilators of mild steel angle sections of size 35x35x5 mm or as per site requirements, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces or as per size requirement, to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges, screws and hold fast using 40 x 5 mm flat iron 15 cms long embedded in Cement Concrete 1:2:4 block size 15 cms x width of wall x 15 cms and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge. | Kgs | 200 | | |
| | | Total :: Schedule "A" : Schedule No 9 : Steel Works (Rs) | | | | |



29 May 2023

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Schedule "A"
Schedule No 9 : Steel Work

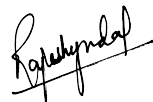
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Civil Works : Schedule "A"
Schedule No 10 : Wood Work

Name of Work : Construction of Staff Residences on Plot Nos 53 / 11 to 53 / 14

| Ser No | DSR Item | Description of Item | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|--------------|---|------|----------|-----------|-------------|
| | | Wood Work | | | | |
| 1 | 9.21 | Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: | | | | |
| | 9.21.1 | 35 mm thick including ISI marked Stainless Steel four butt hinges with necessary screws | Sqm | 180 | | |
| | Non DSR Item | 38 mm thick including ISI marked Stainless Steel four butt hinges with necessary screws | Sqm | 40 | | |
| 2 | 9.23 | Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured). | Sqm | 210 | | |
| 3 | 9.127 | Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality of Make Green Lam / Mica / Merino. | | | | |
| | 9.127.2 | 1.0 mm thick | Sqm | 420 | | |

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with date **29 May 2023**



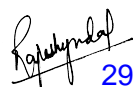
Civil Works : Schedule "A"
Schedule No 10 : Wood Work

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**Civil Works : Schedule "A"
Schedule No 10 : Wood Work**

Name of Work : Construction of Staff Residences on Plot Nos 53 / 11 to 53 / 14

| Ser No | DSR Item | Description of Item | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|--------------|---|------|----------|-----------|-------------|
| 4 | 9.165 | Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete. | | | | |
| | Non DSR Item | 150 mm | Each | 100 | | |
| | 9.165.1 | 125 mm | Each | 100 | | |
| | 9.165.2 | 100mm | Each | 10 | | |
| 5 | Non DSR Item | Providing and fixing matt / antique brass finished stainless steel tower bolts (barrel type) with necessary screws etc. complete : | | | | |
| | (a) | 300x10 mm | Each | 90 | | |
| | (b) | 250x10 mm | Each | 10 | | |
| | (c) | 200x10 mm | Each | 40 | | |
| | (d) | 150x10 mm | Each | 10 | | |



29 May 2023

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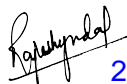
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Schedule No 10 : Wood Work

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**Civil Works : Schedule "A"
Schedule No 10 : Wood Work**

Name of Work : Construction of Staff Residences on Plot Nos 53 / 11 to 53 / 14

| Ser No | DSR Item | Description of Item | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|--------------|--|------|----------|-----------|-------------|
| 6 | 9.101 | Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. | | | | |
| | 9.101.1 | Single rubber stopper | Each | 10 | | |
| | 9.101.2 | Twin rubber stopper | Each | 50 | | |
| 7 | Non DSR Item | Providing and fixing Brass hanging floor door stopper, single rubber, Silver / CP finish, make Dorset, with necessary screws etc. complete. | Each | 40 | | |
| 8 | Non DSR Item | Providing and fixing Stainless steel grade 304, sliding door bolts matt finish, with nuts and screws etc. complete : | | | | |
| | (a) | 300x16 mm | Each | 30 | | |
| | (b) | 250x16 mm | Each | 30 | | |
| | (c) | Baby bolt for bathrooms | Each | 35 | | |



29 May 2023

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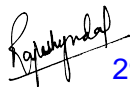
Civil Works : Schedule "A"
Schedule No 10 : Wood Work

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**Civil Works : Schedule "A"
Schedule No 10 : Wood Work**

Name of Work : Construction of Staff Residences on Plot Nos 53 / 11 to 53 / 14

| Ser No | DSR Item | Description of Item | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|--------------|---|-------|----------|-----------|-------------|
| 9 | Non DSR Item | Door / Wall Mount rubber door stopper/silencer, make Flyrail / Ozone / Dorset, fixed on back side of door, including stainless steel / brass screw with sleeves with washer fixed on wall / door, complete as of size | | | | |
| | (a) | 50 mm | Each | 20 | | |
| | (b) | 60 mm | Each | 20 | | |
| | (c) | 75 mm | Each | 35 | | |
| | (d) | 100 mm | Each | 15 | | |
| 10 | Non DSR Item | Providing and fixing Stainless Steel grade 304, antique brass finish, curtain rod of dia 25 mm having wall thickness of 1.25mm with two / three stainless steel brackets (as per site requirement) fixed with SS / brass screws, PVC sleeves and SS end / side knobs / finials with similar finish etc., wherever necessary complete in all respects: | Metre | 210 | | |



29 May 2023

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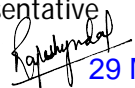
Civil Works : Schedule "A"
Schedule No 10 : Wood Work

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Civil Works : Schedule "A"
Schedule No 10 : Wood Work

Name of Work : Construction of Staff Residences on Plot Nos 53 / 11 to 53 / 14

| Ser No | DSR Item | Description of Item | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|--------------|--|------|----------|-----------|-------------|
| 11 | Non DSR Item | Providing and fixing Stainless Steel Main Door Mortise Lock 10 inches with pair of lever Handles, 6 levers, lock body backset 55 mm, and lock barrel with minimum 3 keys, Antique Brass Finished, with mortice latch and one dead bolt of approved quality with necessary screws etc. complete of make Hettich / Godrej / Dorset / Ozone / IPSA | Each | 16 | | |
| 12 | Non DSR Item | Providing and fixing Stainless Steel Door Mortise Lock 10 inches with pair of lever Handles, 6 levers, lock body backset 55 mm, lock barrel with minimum 3 keys one side key and other side knob (thumb turn), Antique Brass Finished, with mortice latch and one dead bolt, of approved quality with necessary screws etc. complete of make Hettich / Godrej / Dorset / Ozone / IPSA | Each | 16 | | |
| 13 | Non DSR Item | Providing and fixing Stainless Steel Door Mortise Lock 10 inches (Rose Type) with pair of lever Handles, 6 levers, lock body backset 55 mm, lock barrel with one side coin turn and other side knob (thumb turn) for bathrooms, Antique Brass Finished, with mortice latch and one dead bolt, of approved quality with necessary screws etc. complete of make Hettich / Godrej / Dorset / Ozone / IPSA | Each | | | |
| | | Total :: Schedule "A" : Schedule No 10 : Wood Works (Rs) | | | | - |

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29 May 2023

Civil Works : Schedule "A"
Schedule No 10 : Wood Work

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