

**STRUCTURAL REPAIRING, RETROFITTING, REVAMPING WORKS (CIVIL, INTERIOR, PLUMBING AND ELECTRICAL) AT SHIVAM RESIDENTIAL COMPLEX BUILDING**

|          |                                               |            |  |
|----------|-----------------------------------------------|------------|--|
| <b>1</b> | <b>COST FOR CIVIL WORKS</b>                   | <b>Rs.</b> |  |
| <b>2</b> | <b>COST FOR SANITARY PLUMBING WORKS</b>       | <b>Rs.</b> |  |
| <b>3</b> | <b>COST FOR ELECTRICAL WORKS</b>              | <b>Rs.</b> |  |
| <b>4</b> | <b>TOTAL COST (EXCL. TAXES AS APPLICABLE)</b> | <b>Rs.</b> |  |
| <b>5</b> | <b>SAY RS.</b>                                | <b>Rs.</b> |  |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                    | Quantity | Unit  | Rate Rs. P. | Amount Rs. P. |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-------------|---------------|
| 1     | Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed.                                                                                                                                                                                                               | 425      | Sqm.  |             |               |
| 2     | Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m.                                                                                                                                                                                                                                                   |          |       |             |               |
|       | (a) In all floors including roof.                                                                                                                                                                                                                                                                                                                                                                      | 49.02    | Cu.M. |             |               |
| 3     | Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars.                                                                                                                                                                                                                                              |          |       |             |               |
|       | (a) In all floors including roof.                                                                                                                                                                                                                                                                                                                                                                      | 1.00     | Cu.M. |             |               |
| 4     | Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint.                                                                                                                                                                                                                                      |          |       |             |               |
|       | (a) In all floors including roof.                                                                                                                                                                                                                                                                                                                                                                      | 682.39   | Sq.M  |             |               |
| 5     | Polishing only of old marble or terrazo work with oxalic acid powder using 33 gms/ sq.m. by manual labour / machine including white chips and white cement in all floor as per requirement of site and direction of Site-In-Charge.                                                                                                                                                                    | 2365.37  | Sq.M  |             |               |
| 6     | Removing old scales, blisters etc. of interior surface of walls, ceiling by scraping etc. and preparing smooth and even surface with rendering or cement mortar (1:2) (as necessary), to make the surface suitable for receiving distemper. (Payment against this item will be made only when this has been done on the specific direction as per requirement of site and direction of Site-In-Charge. | 11624.74 | %Sq.M |             |               |
| 7     | Renewing worn out putty of glass panes :                                                                                                                                                                                                                                                                                                                                                               |          |       |             |               |
|       | b) Panes exceeding 0.2 Sq.m but not exceeding                                                                                                                                                                                                                                                                                                                                                          | 84.90    | Each  |             |               |
| 8     | Stripping off worn out plaster and raking out joints of walls, celings etc. upto any height and in any floor in two blocks of five storied building including removing rubbish within a lead of 75m as directed.                                                                                                                                                                                       | 210.46   | Sq.M. |             |               |
| 9     | Dismantling terraced roof in ground floor roof (including floor finish, if any.) taking out carefully tiles with beams, joists, tees or burgahs covering floor below, sorting and stacking sevicable materials at site and removing rubbish as directed within a lead of 75 m.                                                                                                                         |          |       |             |               |
|       | (a) In fifth Floor roof .                                                                                                                                                                                                                                                                                                                                                                              | 39.42    | Sq.M. |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                                 | Quantity | Unit   | Rate Rs. P. | Amount Rs. P. |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|-------------|---------------|
| 10    | Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. |          |        |             |               |
|       | Depth of excavation not exceeding 1.500 mm.                                                                                                                                                                                                                                                                                                                                         | 93.75    | % cum. |             |               |
| 11    | Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work)                                                                                                                                  | 61.88    | % cum. |             |               |
|       | (a)With earth obtained from excavation of foundation.                                                                                                                                                                                                                                                                                                                               |          |        |             |               |
| 12    | Filling in foundation or plinth by fine sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water ramming complete including the cost of supply of sand, (payment to be made on measurement of finished quantity)                                                                                                                | 15.63    | % cum. |             |               |
| 13    | Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand .                                                                                                                                                                                                                                             | 62.50    | sqm.   |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quantity | Unit | Rate Rs. P. | Amount Rs. P. |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------------|---------------|
| 14    | Supplying ready mixed concrete of M 25 Grade with well graded stone chips of 20 mm nominal size containing designed quantity of cement per Cu.m of wet concrete produced in computerised batching plant under controlled condition using approved super plastisizer, designing concrete mix following I.S. 10262 and I.S. 456, transporting the mix with agitation in transit mixer to work site depositing the mix on a platform erected for the purpose at required levels of concreting and then placing the mix in its final location of form work, compacting and curing the same complete as per specification & direction of the Engineer-in-charge including computerised batching plant transit mixer with all accessories vibrators etc. inclusive of all other incidental charges in this connection complete but excluding cost of hire charge of platform and its supporting staging which would be paid through separate item. [cement to be supplied by the Manufacturer/ supplier] In ground floor and foundation. |          |      |             |               |
|       | ii) Ground Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.75     | Cu.m |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.80     | Cu.m |             |               |
|       | c) In Second Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4.18     | Cu.m |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.60     | Cu.m |             |               |
|       | e) In Fourth Floor .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.15     | Cu.m |             |               |
| 15    | Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS 456-2000.<br>(a) Pakur Variety<br>a) In ground floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 12.26    | cum  |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4.90     | cum  |             |               |
|       | c) In Second Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9.80     | cum  |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9.80     | cum  |             |               |
|       | e) In Fourth Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12.26    | cum  |             |               |
| 16    | Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement and Chipping of concrete surface before taking up Plastering work in ground floor as per relevant IS codes.a) Pakur Variety                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |      |             |               |
|       | ii) Ground Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.788    | Cum  |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.300    | Cum  |             |               |
|       | c) In Second Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2.400    | Cum  |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.200    | Cum  |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quantity | Unit | Rate Rs. P. | Amount Rs. P. |
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|       | e) In Fourth Floor .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 78.836   | Cum  |             |               |
|       | f) In roof                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.000    | Cum  |             |               |
| 17    | Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)                                                                                                                                                                                                                                                                                                                                       |          |      |             |               |
|       | 9 to 12 mm thick approved quality ply board shuttering in any concrete work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |             |               |
|       | i) In foundation and superstructure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |      |             |               |
|       | a) Ground Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.15     | sqm  |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.15     | sqm  |             |               |
|       | c) In Second Floor .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.15     | sqm  |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.15     | sqm  |             |               |
|       | e) In Fourth Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.15     | sqm  |             |               |
| 18    | Making one set of staging beyond 4 m in any floor for replacing glass panels, painting, uprooting plant and another repairing works of building and S&P works for external works only with 10 cm. dia bamboo as main posts at the rate of 1 metre centre to centre and 7.5 cm. dia bamboo ties @ 0.75 metre apart fitting and fixing with necessary coir, nails etc. as per direction of the Engineer-in charge. Firstly, one number to be paid and then labour rate for shifting up to further nineteenth (19) times @ 10% each time to be considered. If necessary further after twenty times of total use, another one number new and labour rate for shifting to be considered accordingly. | 1617.64  | cum  |             |               |
| 19    | Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge-black annealed wire at every intersection, complete as per drawing and direction.                                                                                                                                                                                                                                                                                              |          |      |             |               |
|       | (SAIL/TATA/RINL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |      |             |               |
|       | a) Ground Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.23     | M.T. |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.87     | M.T. |             |               |
|       | c) In Second Floor .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.40     | M.T. |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.34     | M.T. |             |               |
|       | e) In Fourth Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.54     | M.T. |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                       | Quantity | Unit  | Rate Rs. P. | Amount Rs. P. |
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|       |                                                                                                                                                                                                                                                                                                                                                                           |          |       |             |               |
| 20    | 75mm thick brick work with 1st. Bricks set in cement sand mortar (1;4) including H.B.netting in every alternet layars                                                                                                                                                                                                                                                     |          |       |             |               |
|       | a) Ground Floor.                                                                                                                                                                                                                                                                                                                                                          | 4.86     | sqm   |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                                                                        | 2.70     | sqm   |             |               |
|       | c) In Second Floor .                                                                                                                                                                                                                                                                                                                                                      | 3.24     | sqm   |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                                                                        | 4.86     | sqm   |             |               |
| 21    | Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals)..<br>(d) Sal : Local.<br>(i) Ground Floor                                                           | 0.39     | cu.m. |             |               |
|       |                                                                                                                                                                                                                                                                                                                                                                           |          |       |             |               |
| 22    | Taking out shutter of door and window, dismantling by parts (for repair or replacement of damaged parts) , reassembling and refitting and rehangng same by fixing sunmica sheet in both sides of shutter with new screws, hings, cylindrical lock etc.and the cost of other fittings and fixture in any floor as per requirement of site and direction of Site-In-Charge. | 5.00     | Each  |             |               |
| 23    | Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. (Cost o concrete will be paid separately)                                                                                                                                                |          |       |             |               |
|       | (a) 40mm X 6mm, 250mm Length                                                                                                                                                                                                                                                                                                                                              | 20.00    | Each  |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quantity | Unit | Rate Rs. P. | Amount Rs. P. |
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| 24    | Supplying and laying true to line and level Double Charge Vitrified Tiles of approved brand conforming to IS 15622: 2006 (Group B I a) and tested as per IS 13630:2006 (relevant parts) [Non-modular sizes for tiles with Water Absorption (av.) $\leq 0.08\%$ ] in floor, skirting etc. using polymerised adhesive of 6mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course and joints grouted with admixture of white epoxy grout materials of approved brand including spacer -2mm as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials,labour and all other incidental charges complete as per direction of Engineer in-Charge. (Note: This work should not be executed without specific permission of Engineer in-Charge.) |          |      |             |               |
|       | a) In All Floor:(size not less than 600mmX 600 mm X 9.5 mm thick)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 392.72   | Sq.m |             |               |
| 25    | Supplying,fitting & fixing of 2-Track / 3-Track Aluminium sliding Window of all Aluminium sections viz. window frame (top,bottom & side frame), shutter (top, bottom, side & interlock member) made of aluminium alloy extrusions conforming to IS 733-1983 & IS 1285-1975, annodised conforming to IS 1868-1983, fitted with all other accessories viz. PVC roller, EPDM gasket, maruti lock, screws etc. including labour charges for fitting & fixing of aluminium 2-track/3-track sliding window with fixing of glass (excluding cost of glass) all complete as per architectural drawings and direction of Engineer-in-charge. 10-12 Micron thickness Annodizing film Natural white                                                                                                                                                                                                                                     | 35.24    | sqm  |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quantity | Unit | Rate Rs. P. | Amount Rs. P. |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------------|---------------|
| 26    | Supplying, fitting & fixing of Aluminium fixed partition wall of all aluminium sections viz top, bottom and side member, intermediate member, glazing clip made of Aluminium Alloy Extrusions conforming to IS: 733-1983 and IS: 1285-1975, anodized conforming to IS:1868- 1983, fitted with all other accessories viz. EPDM gasket,cleat, angle screws etc. including labour charges for fitting and fixing of aluminium fixed partition wall with glass / panel board all complete as per architectural drawings and direction of Engineer-in-charge. (Including cost of glass/ panel board, 10-12 Micron thickness Anodizing film. Natural white. | 33.08    | sqm  |             |               |
| 27    | Easing and oiling, cleaning collapsible gate and repairing to locking arrangements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 48.30    | sqm  |             |               |
| 28    | Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) ii) 4 mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |      |             |               |
|       | i)Steel window in All floors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 84.90    | sqm  |             |               |
| 29    | Renewing old door & supplying, Fitting & Fixing 30 mm thick Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mmx19 mm for styles, top and bottom rails, M.S. frame shall have cost of steel primers of approved make and                                                                                                                                                                                                                                                                                                                                                  | 139.50   | Each |             |               |
| 30    | Supplying, fitting and fixing windows and ventilators with or without integrated grills conforming to IS 1038-1975 and manufactured from rolled steel sections conforming to IS 7452-1974 with non-friction projecting type, box type hinges, glazing clips, lugs locking bracket, handle plate etc, including hoisting in position, straightening if required, fixing lugs in cement concrete ( 1:2:4) with stone chips 20 mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing.                                                                                                  |          |      |             |               |
|       | A) Openable steel windows as per IS sizes with side hung shutters and horizontal glazing bars with/without fixed type ventilators.[The extra rate admissible for the openable portion only]                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |      |             |               |



| Sl No | Description of Item                                                                                                                                                                                                                                                                                                             | Quantity | Unit | Rate Rs. P. | Amount Rs. P. |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------------|---------------|
|       | a) Ground Floor.                                                                                                                                                                                                                                                                                                                | 12.42    | sq.m |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                              | 12.42    | sq.m |             |               |
|       | c) In Second Floor .                                                                                                                                                                                                                                                                                                            | 12.42    | sq.m |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                              | 12.42    | sq.m |             |               |
|       | e) In Fourth Floor.                                                                                                                                                                                                                                                                                                             | 12.42    | sq.m |             |               |
|       | f) In fifth Floor.                                                                                                                                                                                                                                                                                                              | 6.21     | sq.m |             |               |
|       | B) M.S. integrated grill as per approved design integrated with steel window or ventilator, joints continuously welded with M.S. flats and bars.                                                                                                                                                                                |          |      |             |               |
|       | (a) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.                                                                                                                                                                                                                                                                |          |      |             |               |
|       | a) Ground Floor.                                                                                                                                                                                                                                                                                                                | 18.24    | Kg   |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                              | 18.24    | Kg   |             |               |
|       | c) In Second Floor .                                                                                                                                                                                                                                                                                                            | 18.24    | Kg   |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                              | 18.24    | Kg   |             |               |
|       | e) In Fourth Floor.                                                                                                                                                                                                                                                                                                             | 18.24    | Kg   |             |               |
|       | f) In fifth Floor.                                                                                                                                                                                                                                                                                                              | 6.08     | Kg   |             |               |
|       | C) Two point nose aluminium handle including fitting and fixing.                                                                                                                                                                                                                                                                | 405.00   | each |             |               |
|       | D) Aluminium peg stay 300 mm long including fitting and fixing.                                                                                                                                                                                                                                                                 | 485.00   | each |             |               |
| 31    | White washing including cleaning and smoothening surface thoroughly.                                                                                                                                                                                                                                                            |          |      |             |               |
|       | All floors :                                                                                                                                                                                                                                                                                                                    |          |      |             |               |
|       | b) Two coats (to be done on specific instruction).                                                                                                                                                                                                                                                                              | 778.23   | sq.m |             |               |
| 32    | Plaster (to wall, floor, ceiling etc.) with ( ready plast )/ basekrate sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] |          |      |             |               |
|       | <b>With 1:4 cement mortar</b>                                                                                                                                                                                                                                                                                                   |          |      |             |               |
|       | 10 mm thick plaster                                                                                                                                                                                                                                                                                                             |          |      |             |               |
|       | a) Ground Floor.                                                                                                                                                                                                                                                                                                                | 30.00    | sqm. |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                              | 14.40    | sqm. |             |               |
|       | c) In Second Floor .                                                                                                                                                                                                                                                                                                            | 13.50    | sqm. |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                              | 24.48    | sqm. |             |               |
|       | e) In Fourth Floor.                                                                                                                                                                                                                                                                                                             | 21.00    | sqm. |             |               |
|       | 15 mm thick plaster (1:6)                                                                                                                                                                                                                                                                                                       |          |      |             |               |
|       | a) Ground Floor.                                                                                                                                                                                                                                                                                                                | 154.00   | sqm. |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                              | 105.00   | sqm. |             |               |
|       | c) In Second Floor .                                                                                                                                                                                                                                                                                                            | 62.10    | sqm. |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                              | 67.20    | sqm. |             |               |
|       | e) In Fourth Floor.                                                                                                                                                                                                                                                                                                             | 3.15     | sqm. |             |               |
|       | (ii) With 1:4 cement mortar                                                                                                                                                                                                                                                                                                     |          |      |             |               |
|       | 20 mm thick plaster (Double plaster)                                                                                                                                                                                                                                                                                            |          |      |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quantity      | Unit  | Rate Rs. P. | Amount Rs. P. |
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|       | a) Ground Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                    | 203.00        | sqm.  |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                  | 105.00        | sqm.  |             |               |
|       | c) In Second Floor .                                                                                                                                                                                                                                                                                                                                                                                                                                | 64.80         | sqm.  |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                  | 67.20         | sqm.  |             |               |
|       | e) In Fourth Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                 | 117.45        | sqm.  |             |               |
|       | f) In fifth Floor .                                                                                                                                                                                                                                                                                                                                                                                                                                 | 173.36        | sqm.  |             |               |
| 33    | Providing and fixing chicken wire mesh ( Murga jali ) in cement plaster over joint of R.C.C and Brickwork                                                                                                                                                                                                                                                                                                                                           | 138.27        | sqm.  |             |               |
| 34    | Making V-groove line ( 12 mm wide,12 mm deep) in plastered surface.                                                                                                                                                                                                                                                                                                                                                                                 | 125.00        | %M    |             |               |
| 35    | Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per requirement of site and direction of Site-In-Charge. (In Ground Floor)                                                                                       |               |       |             |               |
|       | (A) One Coat                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |       |             |               |
|       | (a)Solvent based interior grade acrylic primer                                                                                                                                                                                                                                                                                                                                                                                                      |               |       |             |               |
|       | a) Ground Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1202.56       | %sqm. |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3206.83       | %sqm. |             |               |
|       | c) In Second Floor .                                                                                                                                                                                                                                                                                                                                                                                                                                | 3206.83       | %sqm. |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3206.83       | %sqm. |             |               |
|       | e) In Fourth Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                 | 801.71        | %sqm. |             |               |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |       |             |               |
| 36    | Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per requirement of site and direction of Site-In-Charge.. In Ground Floor:<br>(b) Two Coats<br>a) Ground Floor. | 1358.23       | sqm.  |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>868.47</b> | sqm.  |             |               |
|       | c) In Second Floor .                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>868.47</b> | sqm.  |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>868.47</b> | sqm.  |             |               |
|       | e) In Fourth Floor.                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>868.47</b> | sqm.  |             |               |
|       | f) In fifth floor                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>541.56</b> | sqm.  |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                             | Quantity | Unit | Rate Rs. P. | Amount Rs. P. |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------------|---------------|
| 37    | Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer.<br>a) Normal Acrylic Emulsion<br>Ground Floor |          |      |             |               |
|       | One coats                                                                                                                                                                                                                                                                                                                                                                       |          |      |             |               |
|       | a) Ground Floor .                                                                                                                                                                                                                                                                                                                                                               | 1358.23  | sqm. |             |               |
|       | b).In First Floor.                                                                                                                                                                                                                                                                                                                                                              | 868.47   | sqm. |             |               |
|       | c) In Second Floor .                                                                                                                                                                                                                                                                                                                                                            | 868.47   | sqm. |             |               |
|       | d) In third Floor.                                                                                                                                                                                                                                                                                                                                                              | 868.47   | sqm. |             |               |
|       | e) In Fourth Floor.                                                                                                                                                                                                                                                                                                                                                             | 868.47   | sqm. |             |               |
|       | f) In fifth floor                                                                                                                                                                                                                                                                                                                                                               | 541.56   | sqm. |             |               |
| 38    | Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. at all floor.                                                                                                                                                                                                         |          |      |             |               |
|       | <b>i) Steel work</b>                                                                                                                                                                                                                                                                                                                                                            | 682.39   | sqm. |             |               |
|       | <b>ii) Priming one coat on timber or plastered</b>                                                                                                                                                                                                                                                                                                                              |          |      |             |               |
| 39    | Priming one coat on timber of plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.                                                                                                                                                                                                                        |          |      |             |               |
|       | i)All Floor                                                                                                                                                                                                                                                                                                                                                                     | 530.88   | sqm. |             |               |
| 40    | Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. pn the surface, if necessary.                                                                                                                                                                           |          |      |             |               |
|       | <b>a) On timbar or plaster surface.</b>                                                                                                                                                                                                                                                                                                                                         |          |      |             |               |
|       | <b>with super gloss (Hi-gloss)</b>                                                                                                                                                                                                                                                                                                                                              |          |      |             |               |
|       | Two coats (With any shade except white)                                                                                                                                                                                                                                                                                                                                         |          |      |             |               |
|       | i)All Floor                                                                                                                                                                                                                                                                                                                                                                     | 530.88   | sqm. |             |               |
| 40    | Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. pin the surface, if necessary. All Floor                                                                                                                                                                | 682.39   | sqm. |             |               |
|       | <b>b) For Steel or Metal Surface</b>                                                                                                                                                                                                                                                                                                                                            |          |      |             |               |
|       | <b>with super gloss (Hi-gloss)</b>                                                                                                                                                                                                                                                                                                                                              |          |      |             |               |
|       | Two coats (With any shade except white)                                                                                                                                                                                                                                                                                                                                         |          |      |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Quantity | Unit | Rate Rs. P. | Amount Rs. P. |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------------|---------------|
| 42    | Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors and taking out old damage tiles in wall and to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.                                                                                                                                                      |          |      |             |               |
|       | B) Wall With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (a) Area of each tile upto 0.09 (ii) Other than Coloured decorative including white                                                                                                                                                                                                                                                                                                                               | 439.05   | Sq.m |             |               |
| 43    | 20 mm. thick (finished) terrazo work with precast tiles set on 20 mm avg thick cement mortar (1:3) and sides with admixture of pigment and white/grey cement as necessary in floor, dado, skirting, staircase etc. laid in panels or in patterns including high polishing, raking out joints, roughening of concrete surface & application of cement slurry before flooring works using cement @ 1.75 kg. per sq.m. all complete including all materials & labour. ( Add extra @ 1.5 % for each additional floor upto 4th floor and @ 1.75 % for each additional floor above 4th floor). In ground floor. |          |      |             |               |
|       | (A) 9 mm. thick terrazo topping, laying and finished to 6 mm. thick after final grinding with 0 to 7 mm. size mosaic chips.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |      |             |               |
|       | v) In pink, green, yellow, light green colour using white cemeny only and necessary pigment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 425.77   | Sq.m |             |               |
| 44    | Supplying, fitting & fixing UPVC pipes A-Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, ncluding making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materails (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.                                                                                                                                                                                                                                |          |      |             |               |
|       | A) UPVC Pipes:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |      |             |               |
|       | (i) 75 mm. Dia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 359.60   | Mtr  |             |               |
|       | (ii) 110 mm. Dia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 899.00   | Mtr  |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quantity | Unit | Rate Rs. P. | Amount Rs. P. |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------------|---------------|
| 45    | Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge                                                                                                                                                                                           | 49.023   | Cum  |             |               |
| 46    | Cleaning the exposed reinforcement preferably upto full diameter by wire brush, applying two coats of polymer based rust removing compound left for 24 hours, removing the coating and then applying two (2) coats of polymer modified anti corrosive protective coating formulated to inhibit the corrosion of reinforcement as per manufacturer's specification][Mode of measurement:The affected surface area of reinforcement shall be considered for payment] | 97.80    | Sq.m |             |               |
| 47    | Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturers specification. (0.4 Kg / m <sup>2</sup> of concrete surface).                                                                                                                                                                                                                                 | 97.80    | Sq.m |             |               |
| 48    | (b) Applying 2 coats of Non-Toxic Acrylic Polymer modified Paint having adhesive & waterproofing properties by mixing in proportion (1 liquid: 4 cementitious material) or as per manufacturer's specification for water proofing layer in water tank etc. (No Departmental Cement is required)                                                                                                                                                                    | 97.80    | Sq.m |             |               |
| 49    | Removing corroded worn out portion of reinforcement (when the area of bar is damaged by more than 25%) by cutting and replacing the same by a new plain round bar of requisite diameter by binding with required lap / welding with old bar, including cost of reinforcement, complete in all respect including removing unserviceable materials from site as per direction of the Engineer - in - charge. Note : Payment on weight (Kg.) of new reinforcement.    | 97.80    | Kg   |             |               |
| 50    | Applying epoxy mortar ( 10 mm nominal thick) over leached, honey combed and spalled concrete surface and exposed steel reinforcement complete as per Technical specification                                                                                                                                                                                                                                                                                       | 97.80    | Sq.m |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quantity | Unit  | Rate Rs. P. | Amount Rs. P. |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-------------|---------------|
| 51    | Removal of defective concrete, cleaning the surface thoroughly, applying the shotcrete mixture mechanically with compressed air under pressure, comprising of cement, sand, coarse aggregates, water and quick setting compound in the proportion as per clause 2807.1., sand and coarse aggregates conforming to IS: 383 and table 1 of IS: 9012 respectively, water cement ratio ranging from 0.35 to 0.50, density of gunite not less than 2000 kg/cum, strength not less than 25 MPa and workmanship conforming to clause 2807.6. (40 mm average thickness.) | 97.80    | Sq.m  |             |               |
| 52    | Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in Charge .                                                                                                                                                                                                                                                                                           | 97.80    | Sq.m  |             |               |
| 53    | Cleaning the exposed corroded Reinforcement as well as worn out concrete by sand blasting with air compressor including all materials, hire charges of machineries and labour etc. all complete as per technical specification and as per requirement of site and direction of Site-In-Charge.                                                                                                                                                                                                                                                                   | 97.80    | Sq.m  |             |               |
| 54    | Supplying, fitting and fixing Black Stone slab used in Kitchen slab, alcove, wardrobe etc. laid and jointed as per requirement of site and direction of Site-In-Charge.                                                                                                                                                                                                                                                                                                                                                                                          |          |       |             |               |
|       | (b) Slab Thickness above 25 mm and upto 37.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15.89    | Sq.m  |             |               |
| 55    | Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS:4020 door testing performance criteria. In ground floor.                                                                                                                                                                          |          | Sq.m  |             |               |
|       | (ii) 25 mm thick Sq.m 2581                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 22.05    | Sq.m  |             |               |
| 56    | Welding in M.S. structural work with gas or electric:<br>(a) Tack weld                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50.00    |       |             |               |
|       | (b) Continuous weld.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 200.00   | POINT |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quantity | Unit | Rate Rs. P. | Amount Rs. P. |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------------|---------------|
| 57    | M.S. structural works with hollow sections (square or rectangular shape) conforming to IS: 806-1968 & IS:1161-1998) connected to one another with bracket, gusset, cleat as per design, drawing & direction of Engineer-in-Charge complete including cutting to requisite shape & size, fabrication including metal arc welding conforming to IS: 816-1969 & IS: 9595 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of all M.S. Hollow section, all consumables such as electrodes, gas and hire charges of all tools and plants and labour required for execution and all incidental chages (such as electricity, labour insurance) etc. complete. |          |      |             |               |
|       | i) For other Structural works like galleries etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1.00     | MT.  |             |               |
| 58    | Galvanised corrugated iron sheet work (excluding the supporting frame work) fitted and fixed with 10 mm. dia J or L hook-bolts, limpet and bitumen washers and putty complete with 150 mm. end lap and one corrugation minimum side lap. (Payment to be made on area of finished work)(GCI sheet to be supplied by contractor) (i) In Roof:- a) With 0.60 mm thick sheet                                                                                                                                                                                                                                                                                                                                                                              |          |      |             |               |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 54.00    | Sq.M |             |               |
| 59    | Providing and inserting nipples with approved fixing compound after drilling holes for grouting as per Technical specifications including subsequent cutting/removal and sealing of the hole as necessary of nipples after completion of grouting with Cement/Epoxy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 250.00   | Kg   |             |               |
| 60    | Sealing of cracks / porous concrete by injection process through nipples/Grouting complete as per Technical specification. A Cement Grout kg 59.00 60.00 B Cement mortar (1:1) Grouting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 97.80    | Sq.m |             |               |

| Sl No | Description of Item                                                                                                                                                                                                                                                                                                      | Quantity | Unit       | Rate Rs. P. | Amount Rs. P. |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|-------------|---------------|
| 61    | Providing Re-bars grouting in place of missing reinforcement in some existing column and applying chemical grouting of reinforcement bar in existing concrete as embedment depth considering 12 D of each bars using FISV 3605 FISHER CHEMICAL including cost of operation labours and are to be executed by the Expert. |          |            |             |               |
|       | Considering each point                                                                                                                                                                                                                                                                                                   |          |            |             |               |
|       | 20mm dia.                                                                                                                                                                                                                                                                                                                | 10.00    | each point |             |               |
|       | 16 mm dia                                                                                                                                                                                                                                                                                                                | 30.00    | each point |             |               |
|       | 10 mm dia                                                                                                                                                                                                                                                                                                                | 120.00   | each point |             |               |
|       | 8 mm dia                                                                                                                                                                                                                                                                                                                 | 125.00   | each point |             |               |



| Sl. No. | Description of Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quantity | Unit | Rate (Rupees) | Amount (Rupees) |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|---------------|-----------------|
| 1       | Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 . with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. |          |      |               |                 |
|         | (i) CPVC Pipes Class-1, SDR-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |      |               |                 |
|         | a) For Exposed Work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |      |               |                 |
|         | 15 MM DIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 418.90   | Mtr  |               |                 |
|         | 20 MM DIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6745.15  | Mtr  |               |                 |
|         | 32 MM DIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2784.00  | Mtr  |               |                 |
|         | 40 MM DIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1058.46  | Mtr  |               |                 |
|         | 50 MM DIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1058.46  | Mtr  |               |                 |
|         | 65 MM DIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |      |               |                 |
| 2       | Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. markng with fittings(tested to 21 kg/sq.cm.).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |               |                 |
|         | 20 MM DIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 69.00    | Each |               |                 |
|         | 32 MM DIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 29.00    | Each |               |                 |
|         | 40 MM DIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 29.00    | Each |               |                 |
|         | 50 MM DIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 29.00    | Each |               |                 |
| 3       | Supplying, fitting and fixing bib cock or stop cock.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |      |               |                 |
|         | a(i) Chromium plated Bib Cock short with wall flange with aerator (Equivalent to Code No. 511 & Model - Tropical / Summer) Special type of brand VICTOR- BIB COCK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 170.00   | Each |               |                 |
|         | B(i) Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 69.00    | Each |               |                 |
|         | D(i) Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 272.00   | Each |               |                 |
|         | e) (ii) CP Wall Mixture without spout but with provision for connection to Telephone Shower and exposed pipe for Overhead shower (Equivalent to Code No. 5215.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 69.00    | Each |               |                 |
|         | Health Faucet ABS body with 1 meter SS braided connection pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 272.00   | Each |               |                 |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |      |  |  |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|--|--|
| 4  | Suppling,fitting & fixing E.W.C in (ORISSA PAN- COVYNA 580 X440 MM) white glazed vitreous china ware of approved make supplied fitted complete in position with necessary bolts nuts.etc.<br>a)with 'P' trap                                                                                                                                                                                                                                                                                                                                            | 34.00  | Each |  |  |
| 5  | Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws supplied, fitted and fixed complete.<br>(a) E.W.C.<br>(ii) Plastic (hallow type) white                                                                                                                                                                                                                                                                                                                                                                            | 34.00  | Each |  |  |
| 6  | Supplying,fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete.<br>i) Polythene Flush Pipe                                                                                                                                                                                                                                                                                                                                                                                                     | 34.00  | Each |  |  |
| 7  | Supplying, fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia.<br>(iv) 600 mm long                                                                                                                                                                                                                                                                                                                                                                                         | 34.00  | Each |  |  |
| 8  | Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint.(ii) 550 mm X 400 mm size | 87.00  | Each |  |  |
| 9  | Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets.<br>(a) Sink only<br>(i) 530 mm X 430 mm x 180 mm                                                                                                                                                                                                                                                                                                                                                                            | 15.00  | Each |  |  |
| 10 | Supplying, fitting and fixing pillar cock of approved make.<br><br>a) (i) CP Pillar Cock - 15 mm. (Equivalent to Code No. 507).                                                                                                                                                                                                                                                                                                                                                                                                                         | 138.00 | Each |  |  |
| 11 | Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I, specifications supported on fibre glass frame of any colour, frame size 550 mm X 400 mm                                                                                                                                                                                                                                                                                                                                                         | 87.00  | Each |  |  |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |      |  |  |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|--|--|
| 12 | Supplying, fitting and fixing towel rail with two brackets.(a)<br>C.P. over brass<br>(iii)25 mm dia. and 600 mm long                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 69.00  | Each |  |  |
| 13 | Supplying, fitting and fixing soap holder.<br>(b) Fibre glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15.00  | Each |  |  |
| 14 | Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st. class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.L. and 20 mm.thick (1:4) plaster to bottom of the pit,providing necessary invert with cement concrete (1:3:6) with stone chips as per direction, neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1.5:3) with stone chips and necessary reinforcements upto 1% and shuttering including 6 mm thick cement plaster (1:4) in all external surfaces of the slab and one 560 mm dia. R.C.C. manhole cover of approved makesupplied, fitted and fixed in the slab with necessary fittings, necessary earthwork in excavation in all sorts of soil, filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials.<br>i) With Pakur variety. (TATA) | 32.00  | Each |  |  |
| 15 | Cutting hole through wall,roof or cornice and mending good all damages.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 276.00 | Each |  |  |
| 16 | Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992<br>(A) (i) Single Socketed 3 Meter Length<br>(a) 75 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 701.50 | Mtr. |  |  |
|    | (b) 110 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 539.00 | Mtr. |  |  |
|    | Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |      |  |  |
|    | (B) Fittings (i) Coupler                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |      |  |  |
|    | (a) 75 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 204.00 | Each |  |  |
|    | (b) 110 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 204.00 | Each |  |  |
|    | (ii) Plain Tee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |      |  |  |
|    | (a) 75 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 46.00  | Each |  |  |
|    | (b) 110 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 46.00  | Each |  |  |

|    |                                                                                                                                                                                                                                                                                                                                                                                                       |         |        |  |  |
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|    | (iii) Door Tee (b) 110 mm                                                                                                                                                                                                                                                                                                                                                                             | 136.00  | Each   |  |  |
|    | vi) Door Y (LH) & (RH) (b) 110 mm                                                                                                                                                                                                                                                                                                                                                                     | 40.00   | Each   |  |  |
|    | x) Bend 87.5°                                                                                                                                                                                                                                                                                                                                                                                         |         |        |  |  |
|    | (a) 75 mm                                                                                                                                                                                                                                                                                                                                                                                             | 40.00   | Each   |  |  |
|    | (b) 110 mm                                                                                                                                                                                                                                                                                                                                                                                            | 48.00   | Each   |  |  |
|    | xi) Door Bend (T.S.) 110 mm                                                                                                                                                                                                                                                                                                                                                                           | 48.00   | Each   |  |  |
|    | xiv) Cross Tee with Door                                                                                                                                                                                                                                                                                                                                                                              |         |        |  |  |
|    | (a) 75 mm                                                                                                                                                                                                                                                                                                                                                                                             | 20.00   | Each   |  |  |
|    | (b) 110 mm                                                                                                                                                                                                                                                                                                                                                                                            | 20.00   | Each   |  |  |
|    | xv) Vent Cowl 110 mm                                                                                                                                                                                                                                                                                                                                                                                  | 20.00   | Each   |  |  |
|    | xvi) Pipe Clip                                                                                                                                                                                                                                                                                                                                                                                        |         |        |  |  |
|    | (a) 75 mm                                                                                                                                                                                                                                                                                                                                                                                             | 210.00  | Each   |  |  |
|    | (b) 110 mm                                                                                                                                                                                                                                                                                                                                                                                            | 360.00  | Each   |  |  |
|    | xxviii) W.C. Connector (450 mm long) W/ lipring                                                                                                                                                                                                                                                                                                                                                       | 93.00   | Each   |  |  |
|    | (a) 75 mm                                                                                                                                                                                                                                                                                                                                                                                             |         |        |  |  |
|    | L) Rubber Ring                                                                                                                                                                                                                                                                                                                                                                                        |         |        |  |  |
|    | (a) 75 mm                                                                                                                                                                                                                                                                                                                                                                                             | 170.00  | Each   |  |  |
|    | (b) 110 mm                                                                                                                                                                                                                                                                                                                                                                                            | 170.00  | Each   |  |  |
|    | Rubber Lubricant 500 ML 500 ML 187.00                                                                                                                                                                                                                                                                                                                                                                 | 2500.00 | 500 ML |  |  |
|    | xxiii) 110/110 S Trap                                                                                                                                                                                                                                                                                                                                                                                 | 170.00  | Each   |  |  |
|    | xxvi) Reducer 110 X 75 mm                                                                                                                                                                                                                                                                                                                                                                             | 170.00  | Each   |  |  |
|    | xxvii) Reducing Tee (110 X 75 mm)                                                                                                                                                                                                                                                                                                                                                                     | 170.00  | Each   |  |  |
|    | xlxi) Door Gasket (b)110 mm                                                                                                                                                                                                                                                                                                                                                                           | 170.00  | Each   |  |  |
| 17 | Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor)... |         |        |  |  |
|    | (A) Above ground                                                                                                                                                                                                                                                                                                                                                                                      |         |        |  |  |
|    | (a) 75 mm                                                                                                                                                                                                                                                                                                                                                                                             | 701.50  | Mtr    |  |  |
|    | (b) 110 mm                                                                                                                                                                                                                                                                                                                                                                                            | 539.00  | Mtr    |  |  |
| 18 | Supplying, fitting and fixing C.I. round grating.<br>150 mm dia                                                                                                                                                                                                                                                                                                                                       | 16.00   | Each   |  |  |
| 19 | Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.                                                                                                                                                                                                          | 69.00   | Each   |  |  |
| 20 | Supplying, fitting and fixing shower of approved brand and make over head rain shower 125 x 125 mm dia (5" x 5") with 200mm long shower arm                                                                                                                                                                                                                                                           | 69.00   | Each   |  |  |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |         |  |  |
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| 21 | Wash basin vitreous china of approved make (without fittings) supplied,fitted and fixed in position on 75mm X 75 mm X 75 mm wood blocks and C.I. brackets including two coats of painting of C.I. brackets.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |         |  |  |
|    | (i) 450 mm X 300 mm size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 23     | Each    |  |  |
|    | (ii) 550 mm X 400 mm size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 23     | Each    |  |  |
| 22 | Taking out rain water down pipe.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 23.00  | %Metre  |  |  |
| 23 | Supplying, fitting and fixing PVC pipes for underground work of approved make of Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted including cost of all materials ,jointing materials, cutting pipes, making threads ,cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed complete in all respect. (Payment will be made on the centre line measurement of the total pipe line including all specials No separate payment will be made for accessories, specials.)PVC Pipes |        |         |  |  |
|    | 150 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 109.50 | Meter ` |  |  |
| 24 | Supplying, fitting and fixing yard gully with approved H.C.I. grating complete. (i) 225 mm X 150 mm with 230 mm gratings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20.00  | Each    |  |  |
| 25 | Supplying, fitting and fixing with cement jointing (3:1) salt glazed stoneware pipe including excavation of earth upto 1.50 metre depth in all sorts of soil both mixed or unmixed and at bottom and sides).refilling (but excluding concreting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |         |  |  |
|    | (ii) 225 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 86.68  | Mtr.    |  |  |
| 26 | Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts,nuts etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |         |  |  |
|    | (a) With 'P' trap (with vent)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 14     | Each    |  |  |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |         |  |  |

| S/<br>N | Description of item                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Qty  |      | Rate | Unit | Amount |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|--------|
| 1       | Supplying and fixing 415V, TPN SFU with sheetsteel enclosure on flat iron/angle iron frame on wall with nuts bolts etc incl. S & F 3 nos. DIN type HRC fuse as per rating 100 A. as per site requirement and direction of site-in-charge                                                                                                                                                                                                                                       | 6    | Nos. |      | Each |        |
| 2       | Supplying & fixing sheet metal (16 SWG) Iron Clad Busbar chambers on angle iron frame on wall, incl. earthing attachment and painting as required – (As per Drawing no. 470 of PWD Specification Book – May 1991). 100A as per site requirement and direction of site-in-charge                                                                                                                                                                                                | 8    | Nos. |      | Each |        |
| 3       | Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level as below: By ISI-Medium GI pipe as per site requirement and direction of site-in-charge | 12   | Set  |      | Set  |        |
| 4       | Connecting the equipments to earth busbar including S & F GI (Hot Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages. 8 SWG as per site requirement and direction of site-in-charge                                                                                                                                | 2400 | Mtr  |      | Mtr  |        |
| 5       | Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing. 2+16 way Make : Legrand. as per site requirement and direction of site-in-charge                                                                                                              | 58   | Nos. |      | Each |        |
| 6       | Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection 6-32A SP /Legrand as per site requirement and direction of site-in-charge                                                                                                                                                                                                                                                                | 930  | Nos. |      | Each |        |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |  |      |  |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|--|------|--|
| 7  | Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection: 6-32A DP /Legrand as per site requirement and direction of site-in-charge                                                                                                                                                                                                                                           | 73   | Nos. |  | Each |  |
| 8  | Supply delivery of 2 Core 4 Sq mm coper cable as per site requirement and direction of site-in-charge                                                                                                                                                                                                                                                                                                                                                      | 1170 | Mtr  |  | Mtr  |  |
| 9  | Laying of cable upto 2 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting. 2 core 6 sq mm as per site requirement and direction of site-in-charge                                                                                                                                                                                      | 1170 | Mtr  |  | Mtr  |  |
| 10 | Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE / PVC armoured cables as below : 2 Core 6 Sq mm as per site requirement and direction of site-in-charge                                                                                                                                                                                                            | 87   | Nos. |  | Each |  |
| 11 | Finishing the end of following XLPE / PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials : 2 Core 6 Sq mm as per site requirement and direction of site-in-charge                                                                                                                                                                                          | 120  | Set  |  | Set  |  |
| 12 | Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required. 2x56/0.3 (4 sqmm) + 1x36/0.3 (2.5 sqmm) as ECC as per site requirement and direction of site-in-charge                                                                            | 2340 | RM   |  | RM   |  |
| 13 | Supplying & Fixing GI Modular Switch Board of the following sizes complete with three no. suitable size Copper bar with holes (for Ph, N & E) fixed on bakelite/Hard Rubber insulator over the MS welded chairs incl. top cover flushed in wall for housing the board after cutting the brick wall incl. making earthing attachment, painting and mending good damages to building works. 8 Module as per site requirement and direction of site-in-charge | 234  | Set  |  | Set  |  |

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|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|--|------|--|
| 14                                                     | Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required 2 x 36/0.3 (2.5 sqm) + 1 x 22/0.3 (1.5 sqmm) ECC as per site requirement and direction of site-in-charge                                                                                                                                                                                                                                                                                                                                            | 5850 | Mtr  |  | Mtr  |  |
| 15                                                     | SSupply & Fixing 240 V 3 nos. 6A, & 1 no. 20A plug socket with separate 3 nos. 6 A & 1 no. 20A Piano key type switch (Brand approved by EIC) on GI Modular type switch board having top cover plate and making necessary connections as required as per site requirement and direction of site-in-charge.                                                                                                                                                                                                                                                                                                                                                        | 702  | Pts  |  | Pts  |  |
| 16                                                     | Distn. wiring in 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) in 19 mm bore, 3 mm thick polythen pipe (for horizontal & vertical run in wall and celing portion through prelaidd polythen pipe) complete with all accessories embedded in wall to light/fan/call bell points with Piano key type switch (Anchor make) fixed on sheet metal (16 SWG) switch board with bakelite/perspex (wall matching colour) top cover (3 mm thick) flushed in wall incl. mending good damages to original finish. Average run 6 mtr as per site requirement and direction of site-in-charge | 936  | Pts  |  | Set  |  |
| <b>DISTRIBUTION BOARDS</b> (All MCBs to be "C" series) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |  |      |  |
| 17                                                     | Providing and fixing 4 way TPN double door DB for LIGHT POINT S& Power with incomer 1 no. 40 Amps DP MCB controlling 10 Nos. 6/10 Amp SPMCB Complete as per site requirement and direction of site-in-charge                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 120  | Unit |  | Unit |  |
| 18                                                     | Providing and fixing 4 way TPN double door DB for A.C. POINTS with incomer 1 no. 63 Amps 10KA TPN MCB controlling 12 no. 16/20 Amp SP MCB KA TPN MCB controlling 12 no. 16/20 Amp SPMCB Complete as per directon of E-I-C.                                                                                                                                                                                                                                                                                                                                                                                                                                       | 120  | Unit |  | Unit |  |
| 19                                                     | MCB 32A in Metal Enclosure complete with suitable glands & sockets as per site requirement and direction of site-in-charge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 120  | Unit |  | Unit |  |



|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |  |      |  |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--|------|--|
| 20 | Supply & Fixing 240 V, 3 nos. 6A, & 1 no. 20A plug socket with separate 3 nos. 6 A & 1 no. 20A Piano key type switch with indicator & 16A kit-kat flush type fuse (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 240x200x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required                                                                                                                 | 234 | Set |  | Each |  |
| 21 | Renewing TWO nos of existing pumps including one of submersible pump as per site requirement and direction of site-in-charge                                                                                                                                                                                                                                                                                                                                                                                                                                                       | L.S |     |  |      |  |
| 22 | Fixing only outdoor / street light type fluorescent light fitting or MV light fitting complete with all accessories to be fixed /projected from the wall of the building incl. making holes/providing clamping arrangement & necy. GI reducer as required. S&F 40 mm GI pipe (ISI-Medium) quality 1.5 mts. average length having suitable bend S&F necy. length of 1.5 sqmm PVC insulated single core stranded annealed copper wire and making connections as required and mending good damages to wall incl. painting etc.as per site requirement and direction of site-in-charge | 30  | Nos |  | Each |  |
| 23 | Supply & Fixing 250 V ,16A per way 2+12 way double door BDB sheet steel enclosure with tinned copper bars, din rail etc embedded in wall including mended good the damages to the building work with the following ratings MCB with necessary earthing attachment as per site requirement and direction of site-in-charge                                                                                                                                                                                                                                                          | 58  | No  |  | Each |  |
|    | Incoming:- 63 A DP Isolator-1 No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |     |  |      |  |
|    | Outgoing :6- 32A SPN MCB -12 Nos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |     |  |      |  |
| 24 | Supply & delivery at site 1X22 Watt LED Tube light fittings complete with LED tube lamp, suitable for 230V, 1Ø, 50 Hz supply, as per specification direction of the EIC. (Make : - Philips or equivalent). as per direction of E-I-C.                                                                                                                                                                                                                                                                                                                                              | 100 | Nos |  | Each |  |