

**NORTHERN REGION-PROJECT/RAILTEL NORTHERN REGION  
TENDER DOCUMENT**

**Tender No:** RCIL-NR-Masonry-LKOLJN-22

**Closing Date/Time:** 13/03/2024 12:00

**GM/POM** acting for and on behalf of The President of India invites E-Tenders against Tender No **RCIL-NR-Masonry-LKOLJN-22** Closing Date/Time 13/03/2024 12:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available on IREPS portal like net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

**1. NIT HEADER**

|                                    |                                                                                                                                                                  |                                                    |                      |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------|
| <b>Name of Work</b>                | Construction of single room & double room masonry buildings (brick structure) at various railway stations (LKO and LJN Divisions) for Northern Region of RailTel |                                                    |                      |
| <b>Bidding type</b>                | Normal Tender                                                                                                                                                    |                                                    |                      |
| <b>Tender Type</b>                 | Open                                                                                                                                                             | <b>Bidding System</b>                              | Single Packet System |
| <b>Tender Closing Date Time</b>    | 13/03/2024 12:00                                                                                                                                                 | <b>Date Time Of Uploading Tender</b>               | 16/02/2024 16:13     |
| <b>Pre-Bid Conference Required</b> | No                                                                                                                                                               | <b>Pre-Bid Conference Date Time</b>                | Not Applicable       |
| <b>Advertised Value</b>            | 14017913.93                                                                                                                                                      | <b>Tendering Section</b>                           | PROJECT              |
| <b>Bidding Style</b>               | Single Rate for Tender                                                                                                                                           | <b>Bidding Unit</b>                                | Above/Below/Par      |
| <b>Earnest Money (Rs.)</b>         | 280400.00                                                                                                                                                        | <b>Validity of Offer ( Days)</b>                   | 60                   |
| <b>Tender Doc. Cost (Rs.)</b>      | 1770.00                                                                                                                                                          | <b>Period of Completion</b>                        | 12 Months            |
| <b>Contract Type</b>               | Works                                                                                                                                                            | <b>Contract Category</b>                           | Expenditure          |
| <b>Bidding Start Date</b>          | 28/02/2024                                                                                                                                                       | <b>Are Joint Venture (JV) firms allowed to bid</b> | No                   |
| <b>Ranking Order For Bids</b>      | Lowest to Highest                                                                                                                                                | <b>Expenditure Type</b>                            | Capital (Works)      |

**2. SCHEDULE**

| S.No.                                                     | Item Code                                                                                                                                                                                                                                                                                                         | Item Qty | Qty Unit | Unit Rate | Basic Value | Escl.(%) | Amount     | Bidding Unit |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|-----------|-------------|----------|------------|--------------|
| <b>Schedule A-BOQ for Construction of 07 Single Rooms</b> |                                                                                                                                                                                                                                                                                                                   |          |          |           |             |          | 4746773.54 |              |
| 1                                                         | 1                                                                                                                                                                                                                                                                                                                 | 145.17   | cum      | 205.45    | 29825.18    | AT Par   | 29825.18   |              |
|                                                           | <b>Description:-</b> Earth work in excavation over areas ( exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan ) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed. All kinds of soil.                                   |          |          |           |             |          |            |              |
| 2                                                         | 2                                                                                                                                                                                                                                                                                                                 | 74.15    | Litre    | 200.90    | 14896.74    | AT Par   | 14896.74   |              |
|                                                           | <b>Description:-</b> Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyriphos emulsifiable concentrate of 20%                                                                                                                                                              |          |          |           |             |          |            |              |
| 3                                                         | 3                                                                                                                                                                                                                                                                                                                 | 192.94   | Sqm      | 44.70     | 8624.42     | AT Par   | 8624.42    |              |
|                                                           | <b>Description:-</b> Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) (ii)Chlorpyriphos Emulsifiable concentrate 20% with 1% concentration.                                                                                      |          |          |           |             |          |            |              |
| 4                                                         | 4                                                                                                                                                                                                                                                                                                                 | 55.34    | cum      | 2161.20   | 119600.81   | AT Par   | 119600.81  |              |
|                                                           | <b>Description:-</b> Supplying and filling in plinth with fine sand under floors including watering, ramming, consolidating and dressing complete.                                                                                                                                                                |          |          |           |             |          |            |              |
| 5                                                         | 5                                                                                                                                                                                                                                                                                                                 | 179.34   | Sqm      | 681.65    | 122247.11   | AT Par   | 122247.11  |              |
|                                                           | <b>Description:-</b> Making plinth protection 50 mm thick of cement concrete 1:3:6(1 Cement :3 Coarse sand : 6 grades stone aggregate 20mm nominal size) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finished the top smooth |          |          |           |             |          |            |              |
| 6                                                         | 6                                                                                                                                                                                                                                                                                                                 | 53.01    | cum      | 6326.05   | 335343.91   | AT Par   | 335343.91  |              |
|                                                           | <b>Description:-</b> Providing and laying lin position cement concrete of specified grade excluding the cost of centring and shuttering- All work upto plinth level 1:4:8(1 Cement : 4 Coarse sand : 8 graded stone aggregate 40 mm nominal size)                                                                 |          |          |           |             |          |            |              |
| 7                                                         | 7                                                                                                                                                                                                                                                                                                                 | 36.68    | Sqm      | 370.85    | 13602.78    | AT Par   | 13602.78   |              |
|                                                           | <b>Description:-</b> Providing and laying damp-proof Course 40mm thick with cement concrete 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 12.5mm nominal size).                                                                                                                                        |          |          |           |             |          |            |              |
|                                                           | 8                                                                                                                                                                                                                                                                                                                 | 36.68    | Sqm      | 113.85    | 4176.02     | AT Par   | 4176.02    |              |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|----------|-----------|--------|-----------|
| 8  | <b>Description:-</b> Applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7Kg per Sqm on damp-proof course and in sunk floors after cleaning the surface with brushes and finally with the piece of cloth lightly soaked in kerosene oil.                                                                                                                                                                                                                                                                                                                                                                                                            |         |         |          |           |        |           |
| 9  | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 32.83   | cum     | 10719.30 | 351914.62 | AT Par | 351914.62 |
|    | <b>Description:-</b> Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5coarse sand : 3 graded stone aggregate 20 mm nominal size).                                                                                                                                                                                                                                                                          |         |         |          |           |        |           |
| 10 | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 249.01  | Sqm     | 766.55   | 190878.62 | AT Par | 190878.62 |
|    | <b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for Suspended floors, roofs, landings, balconies and access platform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |         |          |           |        |           |
| 11 | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 18.93   | Sqm     | 608.35   | 11516.07  | AT Par | 11516.07  |
|    | <b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         |          |           |        |           |
| 12 | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 17.77   | Sqm     | 1100.40  | 19554.11  | AT Par | 19554.11  |
|    | <b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for Vertical and horizontal fins individually or forming box louvers band, facias and eaves boards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |         |          |           |        |           |
| 13 | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 164.22  | Sqm     | 181.90   | 29871.62  | AT Par | 29871.62  |
|    | <b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for Under 20 cm wide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |         |          |           |        |           |
| 14 | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2954.53 | Kg      | 89.65    | 264873.61 | AT Par | 264873.61 |
|    | <b>Description:-</b> Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete. Cold twisted bars.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |         |          |           |        |           |
| 15 | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 74.89   | cum     | 6658.25  | 498636.34 | AT Par | 498636.34 |
|    | <b>Description:-</b> Brick work with common burnt clay F.P.S(non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement :6 coarse sand).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |         |          |           |        |           |
| 16 | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 109.65  | cum     | 8288.35  | 908817.58 | AT Par | 908817.58 |
|    | <b>Description:-</b> Brick work with common burnt clay F.P.S(non modular) bricks of class designation 7.5 in superstructure above plinth level up to V level in all shapes and sizes in Cement mortar 1:6 (1 cement :6 coarse sand).                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |         |          |           |        |           |
| 17 | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 29.40   | Sqm     | 2015.75  | 59263.05  | AT Par | 59263.05  |
|    | <b>Description:-</b> Providing and fixing flush door shutters conforming to IS: 2202(part-i) non decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35mm thick including anodised aluminium butt hinges with necessary screws.                                                                                                                                                                                                                                                                                                 |         |         |          |           |        |           |
| 18 | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14.00   | Numbers | 723.80   | 10133.20  | AT Par | 10133.20  |
|    | <b>Description:-</b> Providing and fixing bright finished brass 100 mm mortice latch and lock 6 levers and a pair of lever handles with necessary screws etc. complete ( best make of approved quality ).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |         |          |           |        |           |
| 19 | 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14.00   | Numbers | 374.35   | 5240.90   | AT Par | 5240.90   |
|    | <b>Description:-</b> Providing and fixing aluminium tower bolts anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with neccessary screws etc. complete. 250 x 10 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |         |          |           |        |           |
| 20 | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 28.00   | Numbers | 60.05    | 1681.40   | AT Par | 1681.40   |
|    | <b>Description:-</b> Providing and fixing aluminium handles anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with neccessary screws etc. complete 125mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |          |           |        |           |
| 21 | 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14.00   | Numbers | 62.25    | 871.50    | AT Par | 871.50    |
|    | <b>Description:-</b> Providing and fixing aluminium hanging floor door stopper anodised ( anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with neccessary screws etc. complete. Twin rubber stopper                                                                                                                                                                                                                                                                                                                                                                                                                              |         |         |          |           |        |           |
| 22 | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 72.80   | Metre   | 444.50   | 32359.60  | AT Par | 32359.60  |
|    | <b>Description:-</b> Providing and fixing pressed steel frames conforming to IS: 4351, manufactured from commercial mild steel sheel of 1.6 mm thickness including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50 x 25 mm, or base tiles of 1.6 mm pressed mild steel welded or rigidly fixed together by mechanical means,including M.S pressed butt hinges 2.5 mm thick with mortar guards, lock strike plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge. Profile B, Fixing with adjustable lugs with split end tail to each jab |         |         |          |           |        |           |
|    | 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 391.10  | Kg      | 146.55   | 57315.71  | AT Par | 57315.71  |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|--------|-----------|
| 23 | <b>Description:-</b> Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with L-Type section made of 1.60mm thick M.S. Sheet, joints mitred and welded and grinded finish profiles required size with 15x3mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primers. |         |         |         |           |        |           |
| 24 | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 102.48  | Sqm     | 950.00  | 97356.00  | AT Par | 97356.00  |
|    | <b>Description:-</b> Providing and fixing 2 mm thick homogeneous Polyvinyl chloride sheet in flooring and skirting in approved pattern on a smooth and damp proof base using rubber based adhesives of approved quality and manufacturer like Dunlop S-758, Fevicol SR-998 or equivalent including rolling with light wooden roller weighing about 5 kg all complete as directed by Engineer-in-Charge, in approved colour and shade.                                                                                                                                                                                     |         |         |         |           |        |           |
| 25 | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 102.48  | Sqm     | 545.00  | 55851.60  | AT Par | 55851.60  |
|    | <b>Description:-</b> Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20mm nominal size stone aggregate.                                                                                                                                                                                                                                                                                                                               |         |         |         |           |        |           |
| 26 | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10.50   | Sqm     | 937.00  | 9838.50   | AT Par | 9838.50   |
|    | <b>Description:-</b> Brick on edge flooring with bricks of class designation 75 including cement slurry etc. complete in cement mortar with F.P.S. bricks: 1:4 (1 cement : 4 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |         |         |           |        |           |
| 27 | 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 57.76   | Sqm     | 1515.45 | 87532.39  | AT Par | 87532.39  |
|    | <b>Description:-</b> Providing and fixing 10 mm thick acid/or alkali resistant tiles of approved make and colour using acid/alkali resisting motor bedding, and joint filled with acid /or alkali resisting cement as per IS:4457, complete etc as per directive of Engineer -in -charge                                                                                                                                                                                                                                                                                                                                  |         |         |         |           |        |           |
| 28 | 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 28.00   | Metre   | 319.75  | 8953.00   | AT Par | 8953.00   |
|    | <b>Description:-</b> Providing and fixing on wall face un plasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. (i) Single socketed pipes. 110 mm diameter                                                                                                                                                                                                                                                                                                                                            |         |         |         |           |        |           |
| 29 | 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1095.61 | Sqm     | 294.85  | 323040.61 | AT Par | 323040.61 |
|    | <b>Description:-</b> 12 mm cement plaster of mix 1:4 (1 cement :4 coarse sand).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |         |         |           |        |           |
| 30 | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 533.06  | Sqm     | 162.55  | 86648.90  | AT Par | 86648.90  |
|    | <b>Description:-</b> Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade. New work ( two or more coats) over and including priming coat with cement primer.                                                                                                                                                                                                                                                                                                                                                                                                            |         |         |         |           |        |           |
| 31 | 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 505.55  | Sqm     | 97.60   | 49341.68  | AT Par | 49341.68  |
|    | <b>Description:-</b> Finishing walls with water proofing cement paint of required shade New work(Two or more coats applied @ 3.28 ltr/10 sq.m                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |         |         |           |        |           |
| 32 | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 88.62   | Sqm     | 131.45  | 11649.10  | AT Par | 11649.10  |
|    | <b>Description:-</b> Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |         |         |           |        |           |
| 33 | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1038.62 | Sqm     | 64.45   | 66939.06  | AT Par | 66939.06  |
|    | <b>Description:-</b> Applying one coat of cement primer of approved brand and manufacture on wall surface : Cement primer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |         |           |        |           |
| 34 | 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 28.00   | Metre   | 493.10  | 13806.80  | AT Par | 13806.80  |
|    | <b>Description:-</b> Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 150 mm dia. R.C.C. pipe                                                                                                                                                                                                                                                                                                                                                 |         |         |         |           |        |           |
| 35 | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 49.00   | Numbers | 1488.00 | 72912.00  | AT Par | 72912.00  |
|    | <b>Description:-</b> Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required Group B                                                                                                                                                                                                                                             |         |         |         |           |        |           |
| 36 | 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7.00    | Numbers | 1981.00 | 13867.00  | AT Par | 13867.00  |
|    | <b>Description:-</b> "Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required"                                                                                                                                                                                                                                                                                   |         |         |         |           |        |           |
| 37 | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 21.00   | Metre   | 433.00  | 9093.00   | AT Par | 9093.00   |
|    | <b>Description:-</b> "Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required."                                                                                                                                                                                                                                                                                                                                                |         |         |         |           |        |           |
|    | 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 28.00   | Metre   | 662.00  | 18536.00  | AT Par | 18536.00  |

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| 38 | <b>Description:-</b> "Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required" |        |       |        |           |        |           |
|    | 39                                                                                                                                                                                                                                                                         | 700.00 | Metre | 327.00 | 228900.00 | AT Par | 228900.00 |
| 39 | <b>Description:-</b> "Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire"                |        |       |        |           |        |           |
|    | 40                                                                                                                                                                                                                                                                         | 210.00 | Metre | 369.00 | 77490.00  | AT Par | 77490.00  |
| 40 | <b>Description:-</b> "Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required, 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire"               |        |       |        |           |        |           |
|    | 41                                                                                                                                                                                                                                                                         | 210.00 | Metre | 428.00 | 89880.00  | AT Par | 89880.00  |
| 41 | <b>Description:-</b> "Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required, 2 X 4 sq. mm + 1 X 4 sq. mm earth wire"                   |        |       |        |           |        |           |
|    | 42                                                                                                                                                                                                                                                                         | 280.00 | Metre | 38.00  | 10640.00  | AT Par | 10640.00  |
| 42 | <b>Description:-</b> Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required , 2 Pair                                                     |        |       |        |           |        |           |
|    | 43                                                                                                                                                                                                                                                                         | 210.00 | Metre | 223.00 | 46830.00  | AT Par | 46830.00  |
| 43 | <b>Description:-</b> Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required : 20 mm         |        |       |        |           |        |           |
|    | 44                                                                                                                                                                                                                                                                         | 350.00 | Metre | 256.00 | 89600.00  | AT Par | 89600.00  |
| 44 | <b>Description:-</b> Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required : 25 mm         |        |       |        |           |        |           |
|    | 45                                                                                                                                                                                                                                                                         | 140.00 | Metre | 145.00 | 20300.00  | AT Par | 20300.00  |
| 45 | <b>Description:-</b> Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required : 25 mm                                      |        |       |        |           |        |           |
|    | 46                                                                                                                                                                                                                                                                         | 21.00  | Each  | 103.00 | 2163.00   | AT Par | 2163.00   |
| 46 | <b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.: 5/6 A switch                                                                    |        |       |        |           |        |           |
|    | 47                                                                                                                                                                                                                                                                         | 28.00  | Each  | 156.00 | 4368.00   | AT Par | 4368.00   |
| 47 | <b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : 15/16 A switch                                                                 |        |       |        |           |        |           |
|    | 48                                                                                                                                                                                                                                                                         | 21.00  | Each  | 122.00 | 2562.00   | AT Par | 2562.00   |
| 48 | <b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : 3 pin 5/6 A socket outlet                                                      |        |       |        |           |        |           |
|    | 49                                                                                                                                                                                                                                                                         | 28.00  | Each  | 197.00 | 5516.00   | AT Par | 5516.00   |
| 49 | <b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : 6 pin 15/16 A socket outlet                                                    |        |       |        |           |        |           |
|    | 50                                                                                                                                                                                                                                                                         | 7.00   | Each  | 148.00 | 1036.00   | AT Par | 1036.00   |
| 50 | <b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : Telephone socket outlet                                                        |        |       |        |           |        |           |
|    | 51                                                                                                                                                                                                                                                                         | 7.00   | Each  | 140.00 | 980.00    | AT Par | 980.00    |
| 51 | <b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : Bell push                                                                      |        |       |        |           |        |           |
|    | 52                                                                                                                                                                                                                                                                         | 14.00  | Each  | 369.00 | 5166.00   | AT Par | 5166.00   |
| 52 | <b>Description:-</b> Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required                                                                     |        |       |        |           |        |           |
|    | 53                                                                                                                                                                                                                                                                         | 35.00  | Each  | 40.00  | 1400.00   | AT Par | 1400.00   |
| 53 | <b>Description:-</b> "Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required"                                                                                                                          |        |       |        |           |        |           |
|    | 54                                                                                                                                                                                                                                                                         | 14.00  | Each  | 298.00 | 4172.00   | AT Par | 4172.00   |
| 54 | <b>Description:-</b> Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required : 1 or 2 Module (75mmX75mm)                                                                                 |        |       |        |           |        |           |

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|    |                                                                                                                                                                                                                                                                                                                                                         |       |       |         |          |        |          |  |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------|----------|--------|----------|--|
| 55 | 55                                                                                                                                                                                                                                                                                                                                                      | 21.00 | Each  | 327.00  | 6867.00  | AT Par | 6867.00  |  |
|    | <b>Description:-</b> Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required : 3 Module (100mmX75mm)                                                                                                                                                                  |       |       |         |          |        |          |  |
| 56 | 56                                                                                                                                                                                                                                                                                                                                                      | 7.00  | Each  | 99.00   | 693.00   | AT Par | 693.00   |  |
|    | <b>Description:-</b> Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required                                                                                                                                                                                                                                      |       |       |         |          |        |          |  |
| 57 | 57                                                                                                                                                                                                                                                                                                                                                      | 7.00  | Each  | 2206.00 | 15442.00 | AT Par | 15442.00 |  |
|    | <b>Description:-</b> Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) : 6 way , Double door |       |       |         |          |        |          |  |
| 58 | 58                                                                                                                                                                                                                                                                                                                                                      | 21.00 | Each  | 256.00  | 5376.00  | AT Par | 5376.00  |  |
|    | <b>Description:-</b> Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required : Single pole                                                                          |       |       |         |          |        |          |  |
| 59 | 59                                                                                                                                                                                                                                                                                                                                                      | 7.00  | Each  | 599.00  | 4193.00  | AT Par | 4193.00  |  |
|    | <b>Description:-</b> Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required : Single pole and neutral                                                              |       |       |         |          |        |          |  |
| 60 | 60                                                                                                                                                                                                                                                                                                                                                      | 7.00  | Set   | 7472.00 | 52304.00 | AT Par | 52304.00 |  |
|    | <b>Description:-</b> Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required                                                                                   |       |       |         |          |        |          |  |
| 61 | 61                                                                                                                                                                                                                                                                                                                                                      | 35.00 | Metre | 1551.00 | 54285.00 | AT Par | 54285.00 |  |
|    | <b>Description:-</b> Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required                                                                                                                                       |       |       |         |          |        |          |  |

| S.No.                                                     | Item Code                                                                                                                                                                                                                                                                                                         | Item Qty | Qty Unit | Unit Rate | Basic Value | Escl.(%) | Amount     | Bidding Unit |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|-----------|-------------|----------|------------|--------------|
| <b>Schedule B-BOQ for Construction of 07 Double Rooms</b> |                                                                                                                                                                                                                                                                                                                   |          |          |           |             |          | 9271140.39 |              |
| 1                                                         | 1                                                                                                                                                                                                                                                                                                                 | 176.23   | cum      | 205.45    | 36206.45    | AT Par   | 36206.45   |              |
|                                                           | <b>Description:-</b> Earth work in excavation over areas ( exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan ) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed. All kinds of soil.                                   |          |          |           |             |          |            |              |
| 2                                                         | 2                                                                                                                                                                                                                                                                                                                 | 74.15    | Litre    | 200.90    | 14896.74    | AT Par   | 14896.74   |              |
|                                                           | <b>Description:-</b> Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyriphos emulsifiable concentrate of 20%                                                                                                                                                              |          |          |           |             |          |            |              |
| 3                                                         | 3                                                                                                                                                                                                                                                                                                                 | 192.94   | Metre    | 44.70     | 8624.42     | AT Par   | 8624.42    |              |
|                                                           | <b>Description:-</b> Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) : )Chlorpyriphos Emulsifiable concentrate 20% with 1% concentration.                                                                                       |          |          |           |             |          |            |              |
| 4                                                         | 4                                                                                                                                                                                                                                                                                                                 | 55.34    | cum      | 2161.20   | 119600.81   | AT Par   | 119600.81  |              |
|                                                           | <b>Description:-</b> Supplying and filling in plinth with fine sand under floors including watering, ramming, consolidating and dressing complete.                                                                                                                                                                |          |          |           |             |          |            |              |
| 5                                                         | 5                                                                                                                                                                                                                                                                                                                 | 190.82   | Sqm      | 681.65    | 130072.45   | AT Par   | 130072.45  |              |
|                                                           | <b>Description:-</b> Making plinth protection 50 mm thick of cement concrete 1:3:6(1 Cement :3 Coarse sand : 6 grades stone aggregate 20mm nominal size) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finished the top smooth |          |          |           |             |          |            |              |
| 6                                                         | 6                                                                                                                                                                                                                                                                                                                 | 42.74    | cum      | 6326.05   | 270375.38   | AT Par   | 270375.38  |              |
|                                                           | <b>Description:-</b> Providing and laying lin position cement concrete of specified grade excluding the cost of centring and shuttering- All work upto plinth level, 1:4:8(1 Cement : 4 Coarse sand : 8 graded stone aggregate 40 mm nominal size)                                                                |          |          |           |             |          |            |              |
| 7                                                         | 7                                                                                                                                                                                                                                                                                                                 | 36.68    | Sqm      | 370.85    | 13602.78    | AT Par   | 13602.78   |              |
|                                                           | <b>Description:-</b> Providing and laying damp-proof Course 40mm thick with cement concrete 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 12.5mm nominal size).                                                                                                                                        |          |          |           |             |          |            |              |
| 8                                                         | 8                                                                                                                                                                                                                                                                                                                 | 36.68    | Sqm      | 113.85    | 4176.02     | AT Par   | 4176.02    |              |
|                                                           | <b>Description:-</b> Applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7Kg per Sqm on damp-proof course and in sunk floors after cleaning the surface with brushes and finally with the piece of cloth lightly soaked in kerosene oil.                                  |          |          |           |             |          |            |              |

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|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |         |          |            |        |            |  |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|----------|------------|--------|------------|--|
| 9  | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 78.46   | cum     | 10719.30 | 841036.28  | AT Par | 841036.28  |  |
|    | <b>Description:-</b> Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5coarse sand : 3 graded stone aggregate 20 mm nominal size).                                                                                                                                                                                                                                                                          |         |         |          |            |        |            |  |
| 10 | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 481.11  | Sqm     | 766.55   | 368794.87  | AT Par | 368794.87  |  |
|    | <b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for, Suspended floors, roofs, landings, balconies and access platform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |         |          |            |        |            |  |
| 11 | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 26.93   | Sqm     | 608.35   | 16382.87   | AT Par | 16382.87   |  |
|    | <b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for, Lintels, beams, plinth beams, girders, bressumers and cantilevers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |         |          |            |        |            |  |
| 12 | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 97.29   | Sqm     | 657.75   | 63992.50   | AT Par | 63992.50   |  |
|    | <b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for, Stairs, (excluding landings) except spiral-staircases.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |         |          |            |        |            |  |
| 13 | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 35.55   | Sqm     | 1100.40  | 39119.22   | AT Par | 39119.22   |  |
|    | <b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for, Vertical and horizontal fins individually or forming box louvers band, facias and eaves boards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |         |          |            |        |            |  |
| 14 | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 408.87  | Sqm     | 181.90   | 74373.45   | AT Par | 74373.45   |  |
|    | <b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for, Under 20 cm wide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |         |          |            |        |            |  |
| 15 | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7061.81 | Kg      | 89.65    | 633091.27  | AT Par | 633091.27  |  |
|    | <b>Description:-</b> Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete.: Thermo-Mechanically Treated bars                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |         |          |            |        |            |  |
| 16 | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 92.14   | cum     | 6658.25  | 613491.16  | AT Par | 613491.16  |  |
|    | <b>Description:-</b> Brick work with common burnt clay F.P.S(non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement :6 coarse sand).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |         |          |            |        |            |  |
| 17 | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 199.10  | cum     | 8288.35  | 1650210.49 | AT Par | 1650210.49 |  |
|    | <b>Description:-</b> Brick work with common burnt clay F.P.S(non modular) bricks of class designation 7.5 in superstructure above plinth level up to V level in all shapes and sizes in :Cement mortar 1:6 (1 cement :6 coarse sand).                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |         |          |            |        |            |  |
| 18 | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 96.46   | Sqm     | 1018.05  | 98201.10   | AT Par | 98201.10   |  |
|    | <b>Description:-</b> Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. : Cement mortar 1:4 (1 cement :4 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |         |          |            |        |            |  |
| 19 | 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 55.13   | Sqm     | 2015.75  | 111128.30  | AT Par | 111128.30  |  |
|    | <b>Description:-</b> Providing and fixing flush door shutters conforming to IS: 2202(part-i) non decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35mm thick including anodised aluminium butt hinges with neccessary screws.                                                                                                                                                                                                                                                                                                |         |         |          |            |        |            |  |
| 20 | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14.00   | Numbers | 723.80   | 10133.20   | AT Par | 10133.20   |  |
|    | <b>Description:-</b> Providing and fixing bright finished brass 100 mm mortice latch and lock 6 levers and a pair of lever handles with necessary screws etc. complete ( best make of approved quality ).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |         |          |            |        |            |  |
| 21 | 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14.00   | Each    | 374.35   | 5240.90    | AT Par | 5240.90    |  |
|    | <b>Description:-</b> Providing and fixing aluminium tower bolts anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with neccessary screws etc. complete. 250 x 10 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |         |          |            |        |            |  |
| 22 | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 28.00   | Each    | 60.05    | 1681.40    | AT Par | 1681.40    |  |
|    | <b>Description:-</b> Providing and fixing aluminium handles anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |          |            |        |            |  |
| 23 | 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14.00   | Each    | 62.25    | 871.50     | AT Par | 871.50     |  |
|    | <b>Description:-</b> Providing and fixing aluminium hanging floor door stopper anodised ( anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. Twin rubber stopper                                                                                                                                                                                                                                                                                                                                                                                                                               |         |         |          |            |        |            |  |
| 24 | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 143.85  | Metre   | 444.50   | 63941.32   | AT Par | 63941.32   |  |
|    | <b>Description:-</b> Providing and fixing pressed steel frames conforming to IS: 4351, manufactured from commercial mild steel sheel of 1.6 mm thickness including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50 x 25 mm, or base tiles of 1.6 mm pressed mild steel welded or rigidly fixed together by mechanical means,including M.S pressed butt hinges 2.5 mm thick with mortar guards, lock strike plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge. Profile B, Fixing with adjustable lugs with split end tail to each jab |         |         |          |            |        |            |  |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------|-----------|--------|-----------|--|
| 25 | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 619.25  | Kg    | 146.55  | 90751.09  | AT Par | 90751.09  |  |
|    | <b>Description:-</b> Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with L-Type section made of 1.60mm thick M.S. Sheet, joints mitred and welded and grinded finish profiles required size with 15x3mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primers. |         |       |         |           |        |           |  |
| 26 | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 112.50  | Sqm   | 950.00  | 106875.00 | AT Par | 106875.00 |  |
|    | <b>Description:-</b> Providing and fixing 2 mm thick homogeneous Polyvinyl chloride sheet in flooring and skirting in approved pattern on a smooth and damp proof base using rubber based adhesives of approved quality and manufacturer like Dunlop S-758, Fevicol SR-998 or equivalent including rolling with light wooden roller weighing about 5 kg all complete as directed by Engineer-in-Charge, in approved colour and shade.                                                                                                                                                                                     |         |       |         |           |        |           |  |
| 27 | 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204.96  | Sqm   | 545.00  | 111703.20 | AT Par | 111703.20 |  |
|    | <b>Description:-</b> Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. : 40mm thick with 20mm nominal size stone aggregate.                                                                                                                                                                                                                                                                                                                             |         |       |         |           |        |           |  |
| 28 | 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10.50   | Sqm   | 937.00  | 9838.50   | AT Par | 9838.50   |  |
|    | <b>Description:-</b> Brick on edge flooring with bricks of class designation 75 including cement slurry etc. complete in cement mortar with F.P.S. bricks: 1:4 (1 cement : 4 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |       |         |           |        |           |  |
| 29 | 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 83.06   | Sqm   | 1063.45 | 88330.16  | AT Par | 88330.16  |  |
|    | <b>Description:-</b> Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture ) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.                                                                                    |         |       |         |           |        |           |  |
| 30 | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 57.76   | Sqm   | 1515.45 | 87532.39  | AT Par | 87532.39  |  |
|    | <b>Description:-</b> Providing and fixing 10 mm thick acid/or alkali resistant tiles of approved make and colour using acid/alkali resisting motor bedding, and joint filled with acid /or alkali resisting cement as per IS:4457, complete etc as per directive of Engineer -in -charge                                                                                                                                                                                                                                                                                                                                  |         |       |         |           |        |           |  |
| 31 | 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 17.40   | Sqm   | 935.60  | 16279.44  | AT Par | 16279.44  |  |
|    | <b>Description:-</b> Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.                                                                                                                                                                                                                     |         |       |         |           |        |           |  |
| 32 | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 113.19  | Sqm   | 1416.65 | 160350.61 | AT Par | 160350.61 |  |
|    | <b>Description:-</b> Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete : Size of Tile 600x600 mm                                                                                                                                         |         |       |         |           |        |           |  |
| 33 | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 49.00   | Metre | 319.75  | 15667.75  | AT Par | 15667.75  |  |
|    | <b>Description:-</b> Providing and fixing on wall face un plasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes.: 110 mm diameter                                                                                                                                                                                                                                                                                                                                            |         |       |         |           |        |           |  |
| 34 | 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2106.19 | Sqm   | 294.85  | 621010.12 | AT Par | 621010.12 |  |
|    | <b>Description:-</b> 12 mm cement plaster of mix 1:4 (1 cement :4 coarse sand).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |         |           |        |           |  |
| 35 | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 877.93  | Sqm   | 162.55  | 142707.52 | AT Par | 142707.52 |  |
|    | <b>Description:-</b> Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade. New work ( two or more coats) over and including priming coat with cement primer.                                                                                                                                                                                                                                                                                                                                                                                                            |         |       |         |           |        |           |  |
| 36 | 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1979.24 | Sqm   | 64.45   | 127562.02 | AT Par | 127562.02 |  |
|    | <b>Description:-</b> Applying one coat of cement primer of approved brand and manufacture on wall surface : Cement primer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |       |         |           |        |           |  |
| 37 | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1101.31 | Sqm   | 97.60   | 107487.86 | AT Par | 107487.86 |  |
|    | <b>Description:-</b> Finishing walls with water proofing cement paint of required shade : New work(Two or more coats applied @ 3.28 ltr/10 sq.m                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |         |           |        |           |  |
| 38 | 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 183.17  | Sqm   | 131.45  | 24077.70  | AT Par | 24077.70  |  |
|    | <b>Description:-</b> Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |       |         |           |        |           |  |
|    | 39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7.00    | Each  | 5540.55 | 38783.85  | AT Par | 38783.85  |  |

**NORTHERN REGION-PROJECT/RAILTEL NORTHERN REGION  
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**Tender No:** RCIL-NR-Masonry-LKOLJN-22

**Closing Date/Time:** 13/03/2024 12:00

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |       |         |          |        |          |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|---------|----------|--------|----------|
| 39 | <b>Description:-</b> Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid                                                                                                                                 |        |       |         |          |        |          |
| 40 | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.00   | Each  | 3392.85 | 23749.95 | AT Par | 23749.95 |
|    | <b>Description:-</b> Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.                                                                                                                                                                                                                            |        |       |         |          |        |          |
| 41 | 41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.00   | Each  | 1411.15 | 9878.05  | AT Par | 9878.05  |
|    | <b>Description:-</b> Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.                                                                                                                                                                                                                                                                                                                                              |        |       |         |          |        |          |
| 42 | 42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.00   | Each  | 942.15  | 6595.05  | AT Par | 6595.05  |
|    | <b>Description:-</b> Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.                                                                                                                                                                                                                                                                                                                                  |        |       |         |          |        |          |
| 43 | 43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.00   | Each  | 680.80  | 4765.60  | AT Par | 4765.60  |
|    | <b>Description:-</b> Providing and fixing toilet paper holder : C.P. brass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |       |         |          |        |          |
| 44 | 44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 56.00  | Metre | 1018.05 | 57010.80 | AT Par | 57010.80 |
|    | <b>Description:-</b> Providing and fixing soil, waste and vent pipes : 100 mm dia. Sand cast iron S&S pipe as per IS: 1729.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |       |         |          |        |          |
| 45 | 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 56.00  | Metre | 931.55  | 52166.80 | AT Par | 52166.80 |
|    | <b>Description:-</b> Providing and fixing soil, waste and vent pipes : 75 mm diameter : Sand cast iron S&S pipe as per IS: 1729.                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |       |         |          |        |          |
| 46 | 46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14.00  | Each  | 412.95  | 5781.30  | AT Par | 5781.30  |
|    | <b>Description:-</b> Providing and fixing plain bend of required degree. 100 mm, Sand cast iron S&S as per IS - 1729                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |       |         |          |        |          |
| 47 | 47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14.00  | Each  | 311.55  | 4361.70  | AT Par | 4361.70  |
|    | <b>Description:-</b> Providing and fixing plain bend of required degree. 75 mm, Sand cast iron S&S as per IS - 1729                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |       |         |          |        |          |
| 48 | 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.00   | Each  | 671.20  | 4698.40  | AT Par | 4698.40  |
|    | <b>Description:-</b> Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. : 100 x 100 x 100 mm Sand cast iron S&S as per IS - 1729                                                                                                                                                                                                                                                                                                                                             |        |       |         |          |        |          |
| 49 | 49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.00   | Each  | 573.80  | 4016.60  | AT Par | 4016.60  |
|    | <b>Description:-</b> Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. : 75x75x75 mm Sand cast iron S&S as per IS - 1729                                                                                                                                                                                                                                                                                                                                                    |        |       |         |          |        |          |
| 50 | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 56.00  | Each  | 549.65  | 30780.40 | AT Par | 30780.40 |
|    | <b>Description:-</b> Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter: 100 mm                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |       |         |          |        |          |
| 51 | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 56.00  | Each  | 466.40  | 26118.40 | AT Par | 26118.40 |
|    | <b>Description:-</b> Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter: 75 mm                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |         |          |        |          |
| 52 | 52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.00   | Each  | 1296.40 | 9074.80  | AT Par | 9074.80  |
|    | <b>Description:-</b> Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : Sand Cast Iron S&S as per IS- 1729.                                                                                                                                                                                                                                                                                                                          |        |       |         |          |        |          |
| 53 | 53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 126.00 | Metre | 441.15  | 55584.90 | AT Par | 55584.90 |
|    | <b>Description:-</b> Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc. : 15 mm nominal outer dia .Pipes. |        |       |         |          |        |          |
| 54 | 54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 63.00  | Metre | 513.75  | 32366.25 | AT Par | 32366.25 |
|    | <b>Description:-</b> Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc. 20 mm nominal outer dia .Pipes.   |        |       |         |          |        |          |
| 55 | 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.00   | Each  | 303.85  | 2126.95  | AT Par | 2126.95  |
|    | <b>Description:-</b> Providing and fixing brass bib cock of approved quality : 15 mm nominal bore                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |       |         |          |        |          |

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**Closing Date/Time:** 13/03/2024 12:00

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |       |          |           |        |           |  |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|----------|-----------|--------|-----------|--|
| 56 | 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 21.00   | Each  | 303.85   | 6380.85   | AT Par | 6380.85   |  |
|    | <b>Description:-</b> Providing and fixing brass stop cock of approved quality : 15 mm nominal bore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |          |           |        |           |  |
| 57 | 57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7.00    | Each  | 532.35   | 3726.45   | AT Par | 3726.45   |  |
|    | <b>Description:-</b> Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |       |          |           |        |           |  |
| 58 | 58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7.00    | Each  | 397.45   | 2782.15   | AT Par | 2782.15   |  |
|    | <b>Description:-</b> Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |       |          |           |        |           |  |
| 59 | 59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7.00    | Each  | 2474.40  | 17320.80  | AT Par | 17320.80  |  |
|    | <b>Description:-</b> Providing and fixing square-mouth S.W. gully trap grade 'A' complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : With F.P.S. bricks class designation 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |       |          |           |        |           |  |
| 60 | 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7.00    | Each  | 11687.10 | 81809.70  | AT Par | 81809.70  |  |
|    | <b>Description:-</b> Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : 19.7.1.1 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 : With F.P.S. bricks with class designation 75 |         |       |          |           |        |           |  |
| 61 | 61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14.00   | Metre | 493.10   | 6903.40   | AT Par | 6903.40   |  |
|    | <b>Description:-</b> Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 150 mm dia. R.C.C. pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |       |          |           |        |           |  |
| 62 | 62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 175.00  | Point | 1488.00  | 260400.00 | AT Par | 260400.00 |  |
|    | <b>Description:-</b> Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required : Group B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |       |          |           |        |           |  |
| 63 | 63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14.00   | Point | 1981.00  | 27734.00  | AT Par | 27734.00  |  |
|    | <b>Description:-</b> "Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |       |          |           |        |           |  |
| 64 | 64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 84.00   | Metre | 433.00   | 36372.00  | AT Par | 36372.00  |  |
|    | <b>Description:-</b> "Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required."                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |       |          |           |        |           |  |
| 65 | 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 63.00   | Metre | 662.00   | 41706.00  | AT Par | 41706.00  |  |
|    | <b>Description:-</b> "Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required."                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |       |          |           |        |           |  |
| 66 | 66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1750.00 | Metre | 327.00   | 572250.00 | AT Par | 572250.00 |  |
|    | <b>Description:-</b> Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required : 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |       |          |           |        |           |  |
| 67 | 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 210.00  | Metre | 369.00   | 77490.00  | AT Par | 77490.00  |  |
|    | <b>Description:-</b> Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required : 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |       |          |           |        |           |  |
| 68 | 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 980.00  | Metre | 428.00   | 419440.00 | AT Par | 419440.00 |  |
|    | <b>Description:-</b> Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required : 2 X 4 sq. mm + 1 X 4 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |       |          |           |        |           |  |
| 69 | 69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 420.00  | Metre | 38.00    | 15960.00  | AT Par | 15960.00  |  |
|    | <b>Description:-</b> Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required : 2 Pair                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |       |          |           |        |           |  |

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|    |                                                                                                                                                                                                                                                                                                                                                                                |        |       |         |          |        |          |  |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|---------|----------|--------|----------|--|
| 70 | 70                                                                                                                                                                                                                                                                                                                                                                             | 210.00 | Metre | 223.00  | 46830.00 | AT Par | 46830.00 |  |
|    | <b>Description:-</b> Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required :20 mm                                                                                                              |        |       |         |          |        |          |  |
| 71 | 71                                                                                                                                                                                                                                                                                                                                                                             | 210.00 | Metre | 256.00  | 53760.00 | AT Par | 53760.00 |  |
|    | <b>Description:-</b> Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required :25 mm                                                                                                              |        |       |         |          |        |          |  |
| 72 | 72                                                                                                                                                                                                                                                                                                                                                                             | 280.00 | Metre | 128.00  | 35840.00 | AT Par | 35840.00 |  |
|    | <b>Description:-</b> Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required :20 mm                                                                                                                                           |        |       |         |          |        |          |  |
| 73 | 73                                                                                                                                                                                                                                                                                                                                                                             | 350.00 | Metre | 145.00  | 50750.00 | AT Par | 50750.00 |  |
|    | <b>Description:-</b> Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required :25 mm                                                                                                                                           |        |       |         |          |        |          |  |
| 74 | 74                                                                                                                                                                                                                                                                                                                                                                             | 63.00  | Each  | 103.00  | 6489.00  | AT Par | 6489.00  |  |
|    | <b>Description:-</b> "Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. :5/6 A switch"                                                                                                                                                                      |        |       |         |          |        |          |  |
| 75 | 75                                                                                                                                                                                                                                                                                                                                                                             | 84.00  | Each  | 156.00  | 13104.00 | AT Par | 13104.00 |  |
|    | <b>Description:-</b> "Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : 15/16 A switch"                                                                                                                                                                   |        |       |         |          |        |          |  |
| 76 | 76                                                                                                                                                                                                                                                                                                                                                                             | 63.00  | Each  | 122.00  | 7686.00  | AT Par | 7686.00  |  |
|    | <b>Description:-</b> "Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. :3 pin 5/6 A socket outlet"                                                                                                                                                         |        |       |         |          |        |          |  |
| 77 | 77                                                                                                                                                                                                                                                                                                                                                                             | 84.00  | Each  | 197.00  | 16548.00 | AT Par | 16548.00 |  |
|    | <b>Description:-</b> "Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : 6 pin 15/16 A socket outlet"                                                                                                                                                      |        |       |         |          |        |          |  |
| 78 | 78                                                                                                                                                                                                                                                                                                                                                                             | 7.00   | Each  | 148.00  | 1036.00  | AT Par | 1036.00  |  |
|    | <b>Description:-</b> "Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : Telephone socket outlet"                                                                                                                                                          |        |       |         |          |        |          |  |
| 79 | 79                                                                                                                                                                                                                                                                                                                                                                             | 7.00   | Each  | 148.00  | 1036.00  | AT Par | 1036.00  |  |
|    | <b>Description:-</b> "Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : TV antenna socket outlet"                                                                                                                                                         |        |       |         |          |        |          |  |
| 80 | 80                                                                                                                                                                                                                                                                                                                                                                             | 21.00  | Each  | 140.00  | 2940.00  | AT Par | 2940.00  |  |
|    | <b>Description:-</b> "Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : Bell push"                                                                                                                                                                        |        |       |         |          |        |          |  |
| 81 | 81                                                                                                                                                                                                                                                                                                                                                                             | 42.00  | Each  | 369.00  | 15498.00 | AT Par | 15498.00 |  |
|    | <b>Description:-</b> "Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required. "                                                                                                                                                                     |        |       |         |          |        |          |  |
| 82 | 82                                                                                                                                                                                                                                                                                                                                                                             | 84.00  | Each  | 40.00   | 3360.00  | AT Par | 3360.00  |  |
|    | <b>Description:-</b> "Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required. "                                                                                                                                                                                                                            |        |       |         |          |        |          |  |
| 83 | 83                                                                                                                                                                                                                                                                                                                                                                             | 147.00 | Each  | 327.00  | 48069.00 | AT Par | 48069.00 |  |
|    | <b>Description:-</b> Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required 3 Module (100mmX75mm)                                                                                                                                                                                           |        |       |         |          |        |          |  |
| 84 | 84                                                                                                                                                                                                                                                                                                                                                                             | 21.00  | Each  | 99.00   | 2079.00  | AT Par | 2079.00  |  |
|    | <b>Description:-</b> Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required                                                                                                                                                                                                                                                             |        |       |         |          |        |          |  |
| 85 | 85                                                                                                                                                                                                                                                                                                                                                                             | 7.00   | Each  | 4091.00 | 28637.00 | AT Par | 28637.00 |  |
|    | <b>Description:-</b> Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) : 4 way (4 + 12), Double door |        |       |         |          |        |          |  |
| 86 | 86                                                                                                                                                                                                                                                                                                                                                                             | 77.00  | Each  | 256.00  | 19712.00 | AT Par | 19712.00 |  |
|    | <b>Description:-</b> Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required : Single pole                                                                                                 |        |       |         |          |        |          |  |

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|    |                                                                                                                                                                                                                                                     |       |       |         |          |        |          |  |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------|----------|--------|----------|--|
| 87 | 87                                                                                                                                                                                                                                                  | 7.00  | Each  | 1034.00 | 7238.00  | AT Par | 7238.00  |  |
|    | <b>Description:-</b> "Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. : 63 Amp."                                                    |       |       |         |          |        |          |  |
| 88 | 88                                                                                                                                                                                                                                                  | 7.00  | Set   | 6855.00 | 47985.00 | AT Par | 47985.00 |  |
|    | <b>Description:-</b> "Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required. " |       |       |         |          |        |          |  |
| 89 | 89                                                                                                                                                                                                                                                  | 70.00 | Metre | 287.00  | 20090.00 | AT Par | 20090.00 |  |
|    | <b>Description:-</b> "Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required. "               |       |       |         |          |        |          |  |
| 90 | 90                                                                                                                                                                                                                                                  | 70.00 | Metre | 70.00   | 4900.00  | AT Par | 4900.00  |  |
|    | <b>Description:-</b> Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required                                                                                                                                 |       |       |         |          |        |          |  |

### 3. ITEM BREAKUP

|                        |
|------------------------|
| No item break up added |
|------------------------|

### 4. ELIGIBILITY CONDITIONS

#### Special Financial Criteria

| S.No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Confirmation Required | Remarks Allowed | Documents Uploading |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------|---------------------|
| 1     | The tenderer must have received total contractual payments (operating turnover) in the previous three financial years and the current financial year up to the date of inviting of tender, at least 150% of the advertised value of the tender. (The tenderers shall submit Certificates to this effect which may be an attested Certificate from the concerned department / client or Audited Balance Sheet duly certified by the Chartered Accountant/Certificate from Chartered Accountant duly supported by Audited Balance Sheet. ) | No                    | No              | Allowed (Mandatory) |

#### Special Technical Criteria

| S.No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Confirmation Required | Remarks Allowed | Documents Uploading |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------|---------------------|
| 1     | The tenderer must have successfully completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: i.Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or ii.Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or iii.One similar work each costing not less than the amount equal to 60% of advertised value of the tender. | No                    | No              | Allowed (Mandatory) |

### 5. COMPLIANCE

#### Commercial-Compliance

| S.No. | Description                                                                                                                                                                                                                                                                                             | Confirmation Required | Remarks Allowed | Documents Uploading |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------|---------------------|
| 1     | Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions. | No                    | Yes             | Allowed (Optional)  |

### 6. Documents attached with tender

| S.No. | Document Name            | Document Description |
|-------|--------------------------|----------------------|
| 1     | TenderdocumentLKOLJN.pdf | TenderDocument       |

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Induswww Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of

**NORTHERN REGION-PROJECT/RAILTEL NORTHERN REGION  
TENDER DOCUMENT**

**Tender No:** RCIL-NR-Masonry-LKOLJN-22

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GFR regarding procurement through GeM.

**Signed By:** MAYUR AHUJA

**Designation :** Sr.Manager