



भारतीय विमानपत्तन प्राधिकरण, कडपा हवाई अड्डा.  
**AIRPORTS AUTHORITY OF INDIA**  
**KADAPA AIRPORT- 516003.**

Ltr. No.: AAI/Kadapa/Engg-C/Misc. Works/WO/2024-25 /644

Date: 07.05.2024

To,  
M/s. VIRAAT CONSTRUCTIONS,  
#4-17, Settivaripalli, Udayagiri Colony,  
Mydukur, YSR District, Kadapa,  
Andhra Pradesh - 516173.  
Email: [viraatconstructions002020@gmail.com](mailto:viraatconstructions002020@gmail.com)

**Name of Work:** Provision of Security check room, Covered canopy for security, Covered Scooter Shed, Covered Shed for Passengers, SS bollards, Porta cabins, Speed Rumlbers, Signage boards and other miscellaneous works including Electrical and Communication works at Kadapa Airport.

**Ref:** Your tender for the subject work opened on 19.02.2024 in CPP portal (Tender ID: 2024\_AAI\_183296\_1).

Dear Sir (s),

1. Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs.1,52,53,890.08 (Rupees One Crore Fifty Two Lakhs Fifty Three Thousand Eight Hundred Ninety and Eight Paise only) (Excluding GST)** which is **22.57%** below the Justified Cost of **Rs.1,97,01,192/- (Excluding GST)**.
2. **Sr. Manager (Engg-Civil)**, AAI, Kadapa Airport shall be the Engineer-in-charge of the work. You are requested to attend the office of the Sr. Manager (Engg-Civil), AAI, Kadapa Airport by **31.05.2024** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs.100.00 (Rupees One Hundred only)** and the cost of the stamp paper shall be borne by you.
3. The Earnest money amount of **Rs.4,24,533/- (Rupees Four Lakhs Twenty Four Thousand Five Hundred and Thirty Three only)** received online through payment gateway along with your e-tender will be treated and converted as part of Security Deposit as per conditions of Clause 1A at page 23 of the General Conditions of Contract of tender document. Please deposit **Rs.11,00,856/- (Rupees Eleven Lakhs Eight Hundred and Fifty Six only)** as **Security Deposit** within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per conditions of clause 1A at page 23 of the General Conditions of Contract of tender document.
4. You are directed to apply for Security Clearance through BCAS portal, followed with Security Programme for obtaining entry permit into Terminal Building & Operational area for labours, and vehicles for carrying out the contract work.
5. You are requested to comply with the provision of contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central Rules 1971 and minimum wages act and rules there of central and state Governments.

*[Signature]* 07/05/24  
Sr. Manager Contd....(2)

((2))

6. You are also directed to contact Manager (Engg-Civil), Airports Authority of India immediately who will arrange to handover the site to you.
7. Please note that the time allowed for carrying out the work shall be **08 (Eight) Months** (Including 2 months rainy Period for one season), which shall be reckoned from the 10th day after issue of this letter.
8. Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
9. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

**Encl:** Schedule – A.

Yours faithfully,

*V. Shy / 07/05/24*

**Sr. Manager (Engg-Civil),  
AAI, Kadapa Airport.  
For and on behalf of Chairman,  
Airports Authority of India.**

वरिष्ठ प्रबंधक (अभियन्ता) / Sr. Manager (Engg. Civil)  
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India  
कडपा हवाई अड्डा / Kadapa Airport  
कडपा / KADAPA 516003

## Schedule - A

**Name of work:** Provision of Security check room, Covered canopy for security, Covered Scooter Shed, Covered Shed for Passengers, SS bollards, Porta cabins, Speed Rumbler, Signage boards and other miscellaneous works including Electrical and Communication works at Kadapa Airport.

| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unit | Qty     | Rate    | Amount     |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|---------|------------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3    | 4       | 5       | 6          |
|         | <b>SH: CIVIL WORKS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |         |         |            |
| 1       | Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and all lift upto 1.5 m, as directed by Engineer-in-charge.<br>All kinds of soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | cum  | 1860.00 | 100.00  | 186000.00  |
| 2       | Excavating trenches by mechanical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :All kinds of soil<br>Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia                                                                                                                                                                                                                                                                                                        | mtr  | 50.00   | 200.00  | 10000.00   |
| 3       | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and for all lift                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Cum  | 1750.00 | 104.00  | 182000.00  |
| 4       | Supplying and filling in plinth with local sand under floors, including watering, ramming, consolidating and dressing complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | cum  | 87.00   | 800.00  | 69600.00   |
| 5       | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Cum  | 285.00  | 4600.00 | 1311000.00 |
| 6       | Providing and fixing in position Stainless Steel (403 grade) Bollards 125 mm dia, 2 mm thick, 1000 mm high (700mm above flooring and 300mm below flooring) chamfered at top, including providing Stainless Steel (403 grade) circular cover plate over flooring 200 mm dia and 2mm thick and embedded 300mm in cement concrete 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources), including making necessary holes for embading bollard up to a depth of 450mm in flooring/bitumen/concrete pavement at specified spacing, etc., rate inclusive of supply and installation of SS Bollards, SS plate, Chamfering edge plate, Core cutting/making hole for embedment, labour and other incidental charges etc., complete as per the directions of Engineer In Charge. | Each | 40.00   | 4800.00 | 192000.00  |
| 7       | Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement-All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Cum  | 98.00   | 6000.00 | 588000.00  |
| 8       | Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :<br>1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)                                                                                                                                                                                                                                                                                                                                                                                         | Cum  | 30.00   | 6800.00 | 204000.00  |
| 9       | Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Sqm  | 420.00  | 180.00  | 75600.00   |
| 10      | Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Sqm  | 54.00   | 600.00  | 32400.00   |



| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unit | Qty     | Rate    | Amount    |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|---------|-----------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3    | 4       | 5       | 6         |
| 11      | Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Sqm  | 290.00  | 280.00  | 81200.00  |
| 12      | Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Sqm  | 220.00  | 450.00  | 99000.00  |
| 13      | Centering and shuttering including strutting, propping etc. and removal of form for : Edges of slabs and breaks in floors and walls Under 20 cm wide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Rmt  | 40.00   | 150.00  | 6000.00   |
| 14      | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.<br>(a) Thermo-Mechanically Treated bars of grade Fe-500D or more.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Kg   | 7875.00 | 75.00   | 590625.00 |
| 15      | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level<br>(a) Thermo-Mechanically Treated bars of grade Fe-500D or more.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Kg   | 2650.00 | 75.00   | 198750.00 |
| 16      | Brick work with clay Flyash F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | cum  | 52.00   | 5000.00 | 260000.00 |
| 17      | Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in : Cement mortar 1:4 (1 cement : 4 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cum  | 140.00  | 6000.00 | 840000.00 |
| 18      | Providing and fixing expansion hold fasteners on C.C. /R.C.C./Brick masonry surface backing including drilling necessary holes and the cost of bolt etc complete.<br>Fastener with threaded dia 10 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | nos  | 50.00   | 35.00   | 1750.00   |
| 19      | Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Sqm  | 15.00   | 1100.00 | 16500.00  |
| 20      | Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: (a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. (c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places. | Sqm  | 120.00  | 3300.00 | 396000    |

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| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Unit | Qty   | Rate    | Amount  |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|---------|---------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3    | 4     | 5       | 6       |
| 21      | Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand: 6 graded stone aggregate 20mm nominal size).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | each | 12.00 | 200.00  | 2400.00 |
| 22      | Providing and fixing ISI marked IS : 1341 M.S. pressed butt hinges bright finished with necessary screws etc. complete : 125x65x2.12 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Nos  | 70.00 | 45.00   | 3150.00 |
| 23      | Providing and fixing ISI marked oxidised M.S. door latches conforming to IS:5930 with screws etc. complete : (Copper oxidized as per IS : 1378) 250x20x6 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Nos  | 20.00 | 70.00   | 1400.00 |
| 24      | Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Nos  | 5.00  | 700.00  | 3500.00 |
| 25      | Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | each | 2.00  | 1000.00 | 2000.00 |
| 26      | Providing and fixing aluminium sliding door bolts, ISI marked anodised anodic coating not less than grade AC 10 as per IS : 1868, transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | each | 6.00  | 250.00  | 1500.00 |
| 27      | Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete : 250x10 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | each | 28.00 | 100.00  | 2800.00 |
| 28      | Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | each | 28.00 | 50.00   | 1400.00 |
| 29      | Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | each | 10.00 | 60.00   | 600.00  |
| 30      | <p>Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape &amp; size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (wherever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash &amp; mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification &amp; direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge.</p> <p>Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 &amp; IS: 16231 shall be paid separately.</p> <p>Note:- Structural design proof checked from a Government Engineering Institute, to be provided by the manufacturer for : (i) Sites with basic wind speed &gt; 45 m/sec as per IS 875 – Part 3 (ii) Sites with structure height more than 20m for all wind speeds</p> <p>Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.</p> <p>Using R2 series with frame (40mm &amp; above) x (40mm &amp; above) &amp; sash (25mm &amp; above) x (50mm &amp; above) with zinc alloy (zamak) powder coated touch locks with hook (Height upto 1.2 metre).</p> | Sqm  | 15.00 | 6000.00 | 90000   |

| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Unit | Qty     | Rate    | Amount    |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|---------|-----------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3    | 4       | 5       | 6         |
| 31      | Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.                                                                                                                                                                                                                                                            | kg   | 3104.00 | 92.00   | 285568.00 |
| 32      | Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes                                                                                                                                                                   | kg   | 6689.00 | 116.00  | 775924.00 |
| 33      | Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.<br>(a) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works                                                                                                                                                                                | kg   | 3335.00 | 105.00  | 350175.00 |
| 34      | 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.<br>40 mm thick with 20 mm nominal size stone aggregate                                                                                                                                                                                                  | Sqm  | 20.00   | 450.00  | 9000.00   |
| 35      | Providing and fixing glass strips in joints of terrazo/ cement concrete floors. 40 mm wide and 4 mm thick                                                                                                                                                                                                                                                                                                                                                                    | mtr  | 20.00   | 80.00   | 1600.00   |
| 36      | Chequered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).<br>Dark shade pigment using ordinary cement                                                                                                                                                    | Sqm  | 1000.00 | 720.00  | 720000.00 |
| 37      | Providing and laying Ceramic glazed floor tiles of size 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 (1Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.                                       | Sqm  | 5.00    | 900.00  | 4500.00   |
| 38      | 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 @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm                    | Sqm  | 185.00  | 900.00  | 166500.00 |
| 39      | Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm | Sqm  | 15.00   | 1000.00 | 15000.00  |
| 40      | Extra for providing and fixing wind ties of 40x6 mm flat iron section.                                                                                                                                                                                                                                                                                                                                                                                                       | mtr  | 515.00  | 100.00  | 51500.00  |
| 41      | Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,<br>(i) Single socketed pipes.<br>110 mm diameter                                                                                                                                                                                                             | mtr  | 290.00  | 160.00  | 46400.00  |

*v. shift*

| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Unit | Qty     | Rate    | Amount    |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|---------|-----------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3    | 4       | 5       | 6         |
| 42      | Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion Shoe (Plain) 110 mm Shoe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | each | 2.00    | 110.00  | 220.00    |
| 43      | Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sqm  | 1091.00 | 510.00  | 556410.00 |
| 44      | Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Ridges plain (500 - 600mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | mtr  | 79.00   | 380.00  | 30020.00  |
| 45      | Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/ making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. GI Metal Ceiling Lay in perforated Tegular edge global white colour tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient ) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece. | Sqm  | 85.00   | 1500.00 | 127500    |
| 46      | 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Sqm  | 1373.00 | 250.00  | 343250.00 |
| 47      | 15 mm cement plaster on the rough side of single or half brick wall of mix :1:4 (1 cement: 4 fine sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sqm  | 246.00  | 250.00  | 61500.00  |
| 48      | Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied@ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sqm  | 1270.00 | 100.00  | 127000.00 |
| 49      | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sqm  | 540.00  | 150.00  | 81000.00  |

*V. Shit*

| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Unit | Qty     | Rate   | Amount    |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|--------|-----------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3    | 4       | 5      | 6         |
| 50      | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sqm  | 104.00  | 100.00 | 10400.00  |
| 51      | Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.<br>Two coats                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sqm  | 246.00  | 100.00 | 24600.00  |
| 52      | Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Sqm  | 246.00  | 50.00  | 12300.00  |
| 53      | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :<br>One or more coats on old work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sqm  | 110.00  | 69.00  | 7590.00   |
| 54      | Finishing walls with Acrylic Smooth exterior paint of required shade :<br>Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sqm  | 660.00  | 80.00  | 52800.00  |
| 55      | Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Sqm  | 110.00  | 350.00 | 38500.00  |
| 56      | Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/ 450N/ 5cm. Tear strength in longitudinal and transverse direction as 300/ 250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :<br>3 mm thick | Sqm  | 145.00  | 400.00 | 58000.00  |
| 57      | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge<br>Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cum  | 165.00  | 800.00 | 132000.00 |
| 58      | Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.<br>For thickness of tiles 10 mm to 25 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Sqm  | 1650.00 | 35.00  | 57750.00  |
| 59      | Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sqm  | 1240.00 | 100.00 | 124000.00 |
| 60      | Providing and fixing Zinc coated concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90m) having 50 no rounds per 6 metre length upto 3m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T reinforced barbed wire, stud tied with G.I staples and G.I Clips to retain horizonatal, including necessary bolts, all complete as per direction of Engineer-in-charge, wiht reinforced barbed tape (R.B.T)/spring core (2.5 mm thick ) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/metre (cost of M.S angle, C.C blocks shall be paid separately).                                                                                                                                                                                                                                                                                                       | Mtr  | 50.00   | 330.00 | 16500.00  |

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| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unit | Qty     | Rate    | Amount    |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|---------|-----------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3    | 4       | 5       | 6         |
| 61      | Providing Retro-reflective sign board of Required size made out of 2 mm thick aluminium sheet, face to be fully covered with high intensity encapsulated lens type retro -reflective sheeting as approved by Engineer-in-charge . Letter, symbols, borders etc. will be as per IRC - 67 with required colour scheme on the boards and with the high intensity grade A. The aluminium sheet to be riveted to M.S. frame of angle iron of size 40x40x4 mm. The boards will be fixed to 1 No. 50x50 mm square post made of M.S. angle 50x50x4 mm, 4 m long welded to the frame with adequate anti-theft arrangement .Sheet work to be painted with two or more coats of synthetic enamel paint over an under coat (primer) and back side of aluminium sheet to be painted with two or more coats of epoxy paint including appropriate priming coat complete in all respects as per direction of Engineer-in-charge.(Note: Supporting M.S Frame work and Subsequent painting with synthetic enamel paint will be paid separately under relevant item). | Sqm  | 27.00   | 3000.00 | 81000.00  |
| 62      | Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).                                                                                                                                                                                                                                                                                                                                                                                                                                                            | cum  | 10.00   | 6900.00 | 69000.00  |
| 63      | Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge<br>60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.                                                                                                                                                                                                                                                                                  | Sqm  | 1300.00 | 750.00  | 975000.00 |
| 64      | 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, including flush pipe, 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | each | 1.00    | 5500.00 | 5500.00   |
| 65      | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | each | 1.00    | 2300.00 | 2300.00   |
| 66      | Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | each | 1.00    | 1500.00 | 1500.00   |
| 67      | Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Flexible pipe 32 mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | each | 1.00    | 100.00  | 100.00    |
| 68      | Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | each | 1.00    | 1200.00 | 1200.00   |
| 69      | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 32 mm nominal dia Pipes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | mtr  | 150.00  | 360.00  | 54000.00  |
| 70      | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and 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. 32 mm nominal dia Pipes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | mtr  | 10.00   | 660.00  | 6600.00   |

| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Unit    | Qty     | Rate     | Amount    |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|----------|-----------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3       | 4       | 5        | 6         |
| 71      | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and 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. 50 mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mtrs    | 50.00   | 850.00   | 42500.00  |
| 72      | Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 80 mm dia nominal bore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Mtrs    | 70.00   | 800.00   | 56000.00  |
| 73      | Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 50 mm nominal bore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Nos     | 4.00    | 900.00   | 3600.00   |
| 74      | Providing and fixing gun metal non- return valve of approved quality (screwed end) : 50 mm nominal bore Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Nos     | 2.00    | 1200.00  | 2400.00   |
| 75      | Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Per ltr | 2000.00 | 9.00     | 18000.00  |
| 76      | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | mtr     | 65.00   | 400.00   | 26000.00  |
| 77      | Supplying and fixing C.I. cover without frame for manholes : 455x610 mm rectangular C.I. cover (light duty) the weight of the cover to be not less than 23 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Each    | 4.00    | 1200.00  | 4800.00   |
| 78      | Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Each    | 1.00    | 18000.00 | 18000.00  |
| 79      | Providing and laying Non Pressure NP-4 class (Heavy duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 600 mm dia RCC pipes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Mtrs    | 62.50   | 3000.00  | 187500.00 |
| 80      | Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :<br>For fixed portion<br>Powder coated aluminium (minimum thickness of powder coating 50 micron)                                                                                                                                                                                                                                             | Kg      | 300.00  | 360.00   | 108000.00 |
| 81      | Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :<br>For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)<br>Powder coated aluminium (minimum thickness of powder coating 50 micron) | Kg      | 100.00  | 460.00   | 46000.00  |

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| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Qty     | Rate    | Amount    |
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| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3    | 4       | 5       | 6         |
| 82      | Providing and fixing 12 mm thick prelaminate particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sqm  | 60.00   | 800.00  | 48000.00  |
| 83      | Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):<br>With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sqm  | 18.00   | 1000.00 | 18000.00  |
| 84      | Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings , the aluminium quality as per grade 6063 T5 or T6 as per BS 1474,including super durable powder coating of 60-80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). The weight of aluminium extruded section shall be taken for purpose of payment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Kg   | 180.00  | 300.00  | 54000.00  |
| 85      | Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine to a minimum depth of 100mm upto 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using epoxy resin anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge.<br>Upto and including 12mm dia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Each | 150.00  | 80.00   | 12000.00  |
| 86      | Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in-Charge. (The payment shall be made on the basis of actual weight of approved grout injected.)<br>Stirrer mixed Acrylic Polymer of approved make @ 2% of weight of cement used) modified Cement slurry made with non shrink compound in concrete/RCC work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Kg   | 2650.00 | 80.00   | 212000.00 |
| 87      | Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/clerestory windows & desertory other Frames/Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/ cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). Note: For WPC solid door/window frames, minus 5mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made<br>Frame size 50 x 125 mm | mtr  | 41.00   | 860.00  | 35260.00  |
| 88      | Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid board one side white color and other side of board laminted with PVC foil of minimum 14 micron thickness of approved design pasted with hot melt adhesive for cup boards, work stations and bathroom/kitchen cabinet etc. of required sizes comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/ mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/ borer proof, water/moisture proof and fire retardant and fixing with stainless steel piano hinges/soft close clip on concealed hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In-Charge. (Note: stainless steel piano hinges/soft close clip on concealed hinges and necessary S.S screws shall be paid separately)<br>18 mm thick                                                                                           | sqm  | 24.00   | 2000.00 | 48000.00  |

*V.S.H*

| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Unit | Qty     | Rate     | Amount    |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|----------|-----------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3    | 4       | 5        | 6         |
| 89      | Providing and fixing 110 mm PVC Pipes of 4 Kg/Sqcm in brick work as a Weep hole at specified location and spacing as directed by the Engineer-in-charge. 0.31m Length.                                                                                                                                                                                                                                                                                                                                                                                                               | NoS  | 100.00  | 60.00    | 6000.00   |
| 90      | Providing and placing ISI marked Road Rubber rumblers of size 75 mm thick for road safety as per manufacture specification, rate including of supply, fixing with anchor fastners of 16 mm dia and 150mm long by drilling holes in bitumen/cement pavement etc complete. as per the direction of Engineer in charge.                                                                                                                                                                                                                                                                 | Mtrs | 40.00   | 3900.00  | 156000.00 |
| 91      | Providing, Supply and placing prefabricated MS portable Security cabin (Porta Cabins) with insulation, interior wall cladding, windows, door, vinyl floor matting, external painting with Epoxy painting, electrical connectivity and fittings like, Fan, Tube light, bulk head light, socket and switches, standered electrical wiring etc., complete as per the manufactureres specifications. Rate inclusive of supply, transportation, positioning at required location, labour, incidental charges etc., complete as per the directions of Engineer in charge Size 4' x 4' x 8' | Nos  | 6.00    | 63000.00 | 378000.00 |
| 92      | Supplying, stacking and Spreading Manually/Mechanically of Grade III (Size range 26.50 to 0.075 mm) Layer GSBC watering and rolling complete including preparation of the surface and rolling.<br>With road roller/ hand roller and as per direction of Engineer-in- charge.                                                                                                                                                                                                                                                                                                         | Cum  | 540.00  | 1800.00  | 972000.00 |
| 93      | Providing and laying PVC pipe for connecting to nearst manholes from toilets and whrever reqired as directed by EIC., 160 mm dia pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                | Mtrs | 100.00  | 500.00   | 50000.00  |
| 94      | Laying old Chequered Precast C.C tiles 22 mm thick in footpath of any design/ shape laid in required line, level, curvature, colour and pattern over 20 mm thick Bed of cement mortar 1:4 (1 cement: 4 coarse sand). all complete as per the direction of Engineerin- charge. (Old Chequered Precast C.C tiles shall be taken after dismantling of existing tiles as per item no.58).                                                                                                                                                                                                | Sqm  | 1240.00 | 200.00   | 248000.00 |
| 95      | <b>SH: ELECTRICAL WORKS</b><br>Supply of XLPE insulated PVC sheathed, armoured Aluminium conductor power cable of 1.1 KV grade of following size as per IS 7098 part I 1988 with upto date amendments etc complete as required<br>(a) 4C x 25 Sqmm                                                                                                                                                                                                                                                                                                                                   | Mtr  | 75.00   | 231.12   | 17334.00  |
| 96      | Supply of XLPE insulated PVC sheathed, armoured Aluminium conductor power cable of 1.1 KV grade of following size etc as per IS 7098 part I 1988 with upto date amendments etc complete as required<br>(a) 4C x16 Sqmm                                                                                                                                                                                                                                                                                                                                                               | Mtr  | 2100.00 | 188.64   | 396144.00 |
| 97      | Supply of XLPE insulated PVC sheathed, armoured Aluminium conductor power cable of 1.1 KV grade of following size as per IS 7098 part I 1988 with upto date amendments etc complete as required<br>(a) 4C x10 Sqmm                                                                                                                                                                                                                                                                                                                                                                   | Mtr  | 150.00  | 157.68   | 23652.00  |
| 98      | Supply of water proof PVC insulated PVC sheathed copper conductor flat submersible power cable of 1.1KV grade of following size as per IS 694 with uptodate amendments for complete as required.<br>(a) 3C x 4 Sqmm                                                                                                                                                                                                                                                                                                                                                                  | Mtr  | 25.00   | 84.24    | 2106.00   |
| 99      | SITC of 2 TR, 5 star ( ISEER = 5 or more) inverter type Hi-Wall split AC units fitted with copper wound motor, hermetically sealed rotary type compressor operating on 230V ± 10%, 50Hz supply with evaporator & condensing unit having copper coil including remote control, copper piping for both suction & discharge with nitrile insulation up to 3 meters, interconnecting cabling, drain piping, first charge of refrigerant, providing raised platform/MS stand for outdoor units etc. complete as required.                                                                 | Each | 3.00    | 40312.08 | 120936.24 |
| 100     | Supply of LED Recessed Down lighter made of die cast aluminium housing with polycarbonate /PMMA/polystyrene diffuser capable of providing a nominal lumen output of not less than 1800lumens and a minimum system efficacy of 100lm/W, CCT from 5700 K to 6500K , CRI ≥80, PF ≥0.95, and an operating Voltage Range of 140 - 270V. Internal Surge Protection > 2KV, SDCM <5 , etc complete with 5 Year manufacturer warranty from the certified date of completion of work and complying with relevant IS with upto date amendments as required .                                    | Each | 25.00   | 1414.08  | 35352.00  |

*V. Singh*

| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Unit | Qty   | Rate     | Amount   |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|----------|----------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3    | 4     | 5        | 6        |
| 101     | Supply of Round / Square type Bulk head LED luminaire made of Extruded Aluminium /CRCA housing capable of providing lumen output not less 1000 lm with minimum efficacy of 100lumens/watt , CCT from 5700K to 6500K , CRI ≥70, PF ≥0.95, and an operating Voltage Range of 140 - 270V. Internal Surge Protection > 2KV, SDCM <5 , etc complete with 5 Year manufacturer warranty and complying with relevant IS with upto date amendments as required .                                  | Each | 2.00  | 899.28   | 1798.56  |
| 102     | Supply of LED 4ft Batten with a nominal system lumen output of 4000 lumens and minimum system efficacy of 100 lm/W. The luminaire should have a colour temperature of 5700K-6500K and CRI≥80. The luminaire housing should made of CRCA/PC body with diffuser.The luminaire shall meet IP20 rating with THD ≤10% ,PF ≥ 0.95 Internal Surge Protection > 2KV, SDCM <5 , etc complete with 5 Year manufacturer warranty and complying with IS10322 with upto date amendments as required . | Each | 12.00 | 2432.16  | 29185.92 |
| 103     | Supply of IP 65 rated,Low intensity Single dome LED type aviation obstruction light in cast aluminium housing with polycarbonate enclosure suitable to operate on 230V, 50Hz supply as per ICAO standards . It should switch ON automatically as required in night time & OFF in day time etc. complete in all respects as required.                                                                                                                                                     | Each | 5.00  | 2488.32  | 12441.60 |
| 104     | Supply of 900 mm ceiling fan with out regulator complete with double ball bearing, motor, blades,canopies, capacitor etc. suitable for operation on 230 volts, 50 Hz., 1 phase, AC supply , including down rods of length upto 600mm etc complete as required                                                                                                                                                                                                                            | Each | 10.00 | 1685.52  | 16855.20 |
| 105     | Supply, Installation , Testing and commissioning of Horizontal Centrifugal openwell submersible pumpset with motor made of copper rotor preferably with 50mm outlet & inlet strainer having capacity to deliver minimum 450 LPM at 18mtr Head, made of cast iron impeller, cast iron body , Stainless Shaft , including making necessary connections with delivery pipe etc., complete as required.                                                                                      | Each | 1.00  | 20990.88 | 20990.88 |
| 106     | Supplying and fixing of following way vertical type , Three pole and neutral ,sheet steel , MCB distribution board ,415V on surface /recess ,complete with tinned copper busbar,neutral busbar, earth bar,din bar, cable end boxes at top and bottom, interconnections, powder painted including earthing etc as required (But without MCBs/RCCB/Isolator )<br>8 way ( 4+24 ), Double door                                                                                               | Each | 2.00  | 11584.80 | 23169.60 |
| 107     | Supplying and fixing 20 A, 240 V, SPN Industrial type socketoutlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, onsurface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.                                                                                                                                                        | Each | 3.00  | 1029.60  | 3088.80  |
| 108     | Providing and fixing Four Pole , 100A, 30 KA, Thermal magnetic release type MCCB with inbuilt Overload & short circuit protections with terminal spreaders & extended rotatory handle in existing cubic panel board, i/c drilling holes in cubicle panel, making interconnections with Busbars by providing required copper flexible cables/aluminium bus bar as per the CPWD/AAI specifications etc.complete as required                                                                | Job  | 2.00  | 4275.36  | 8550.72  |
| 109     | Supply and fixing of wall mounting type automatic electronic voltage stabilizer suitable for 2 TR split air conditioners having capacity 5 KVA single phase, an input voltage range of 150-290V, with high/low voltage cut off, instant start & intelligent time delay etc. complete as required. (Make: V-Guard, Microtek & Everest or equivalent)                                                                                                                                      | Each | 3.00  | 2908.80  | 8726.40  |
| 110     | Supplying and fixing of 63A , four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB),having a sensitivity current 100 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                                                                                                                                                                                                                 | Each | 2.00  | 3074.40  | 6148.80  |
| 111     | Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "B"curve, miniature circuit breake of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.<br>Single Pole                                                                                                                                                                                                                                                            | Each | 21.00 | 179.28   | 3764.88  |
| 112     | Wiring for light point/ fan point/ exhaust fan point/ call bellpoint with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVCconduit, 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.<br>Group C                                                                                                                    | Each | 25.00 | 910.80   | 22770.00 |

*v. sh*

| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                            | Unit | Qty     | Rate   | Amount    |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|--------|-----------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                      | 3    | 4       | 5      | 6         |
| 113     | Wiring for group controlled (looped) light point/fanpoint/exhaust fan point/ call bell point ( without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copperconductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.<br>Group C                                                       | Each | 25.00   | 534.24 | 13356.00  |
| 114     | Supplying and fixing of following sizes of medium class FR PVC conduit along with accessories in surface/recess includingcutting the wall and making good the same in case of recessed conduit as required.<br>25 mm dia                                                                                                                                                                                               | Mtr  | 200.00  | 31.68  | 6336.00   |
| 115     | Supplying and drawing following sizes of FRLS PVC insulatedcopper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.<br>a) 3x 1.5 Sq mm                                                                                                                                                                                                                                    | Mtr  | 125.00  | 58.32  | 7290.00   |
| 116     | Supplying and drawing following sizes of FRLS PVC insulatedcopper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.<br>a) 1 x 1.5 Sq mm                                                                                                                                                                                                                                   | Mtr  | 50.00   | 19.44  | 972.00    |
| 117     | Supplying and drawing following sizes of FRLS PVC insulatedcopper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.<br>a) 3 x 4 Sqmm                                                                                                                                                                                                                                      | Mtr  | 100.00  | 153.36 | 15336.00  |
| 118     | Supplying and drawing following sizes of FRLS PVC insulatedcopper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.<br>a) 2 x 4 Sqmm                                                                                                                                                                                                                                      | Mtr  | 25.00   | 94.32  | 2358.00   |
| 119     | Supplying and fixing following size/ modules, GI box alongwithmodular base & cover plate for modular switches in recess etc. as required.<br>a) 3 Module (100mm x 75 mm)                                                                                                                                                                                                                                               | Each | 5.00    | 224.64 | 1123.20   |
| 120     | Supplying and fixing following size/ modules, GI box alongwithmodular base & cover plate for modular switches in recess etc. as required.<br>a) 6 Module (200mm x 75 mm)                                                                                                                                                                                                                                               | Each | 5.00    | 305.28 | 1526.40   |
| 121     | providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.                                                                                                                                                                                                                                                                                                         | Each | 10.00   | 132.48 | 1324.80   |
| 122     | providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.                                                                                                                                                                                                                                                                                               | Each | 5.00    | 212.40 | 1062.00   |
| 123     | 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.                                                                                                                                                                                                                                     | Each | 10.00   | 226.08 | 2260.80   |
| 124     | Installation ,testing and commissioning of wall fan/ ceiling fans including wiring the down rods of lengths (upto 60 cm) with 1.5 sq. mm FRLSH PVC insulated, copper conductor,single core cable etc. as required.                                                                                                                                                                                                     | Each | 10.00   | 196.56 | 1965.60   |
| 125     | Installation, testing and commissioning of prewired LED fittings of all types complete with required mounting accessories directly on ceiling /wall/including connection with 1.5 sq.mm PVC insulated copper conductor single core cable and earthing etc. as required.                                                                                                                                                | Each | 45.00   | 110.88 | 4989.60   |
| 126     | Supplying and laying of following size DWC HDPE pipe ISI marked along with allaccessories like socket, bend, couplers etc. conforming to IS 14930, Part II completewith fitting and cutting, jointing etc.direct in ground (75 cm below ground level)including excavation and refilling the trench but excluding sand cushioning and protective covering etc. , complete as required.<br>(OD-63 mm & ID-51 mm nominal) | Mtr  | 2000.00 | 133.92 | 267840.00 |
| 127     | Supply and Installation of following size of Hot dip GI Perforated type cable trays in convenient sections, jointed with connectors including horizontal and vertical bends , reducers,tees, cross members , clamps, connection pieces and otheraccessories as required duly suspended from ceiling with GI suspenders including GI bolts & GI nuts , etc complete as required<br>150mmx 50mm with thickness of 1.6mm  | Mtr  | 18.00   | 422.64 | 7607.52   |

*V. Shit*

| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                                        | Unit | Qty     | Rate    | Amount   |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|---------|----------|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                  | 3    | 4       | 5       | 6        |
| 128     | Supply and fixing of pole mounted SMC box of nominal size 250mm X 200mm X 105 mm along with suitable mounting arrangement as per site requirement including supply and fixing of suitable accessories like 63A connectors, 6-32A SP C series MCB, etc. complete as required                                                                                                        | Each | 9.00    | 32.40   | 291.60   |
| 129     | SITC of DOL Starter panel suitable for 3HP to 5 HP Three phase openwell submersible pump in sheet steel enclosure having protection for dry run , single phasing ,overload , phase reversal etc , ON/OFF Indication lamps , Push buttons, Ammeter and Voltmeter i/c making connections and mounting on wall surface with suitable clamps, bolts , washers etc complete as required | Each | 1.00    | 5240.88 | 5240.88  |
| 130     | Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required. Upto 35 sq. mm                                                                                                                                                                                                         | Mtr  | 2200.00 | 18.72   | 41184.00 |
| 131     | Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface/cable tray as required. Upto 35 sq. mm (clamped with 1mm thick saddle)                                                                                                                                                                         | Mtr  | 300.00  | 25.20   | 7560.00  |
| 132     | Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC Sheathed/XLPE aluminium conductor cable of 1.1KV grade as required. 4Cx 25 Sq.mm                                                                                                                                                                  | Each | 4.00    | 562.32  | 2249.28  |
| 133     | Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC Sheathed/XLPE aluminium conductor cable of 1.1KV grade as required. 4Cx 16 Sq.mm                                                                                                                                                                  | Each | 8.00    | 562.32  | 4498.56  |
| 134     | Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC Sheathed/XLPE aluminium conductor cable of 1.1KV grade as required. 4Cx 10 Sq.mm                                                                                                                                                                  | Each | 6.00    | 517.68  | 3106.08  |
| 135     | Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. a) 4C X 16 Sq.mm                                                                                                                           | Each | 3.00    | 1604.16 | 4812.48  |
| 136     | Supply and fixing cable route marker with 10cmx10cmx5mm thick GI plate with inscription there on , bolted /welded to 35mmx35mmx6mm angle iron ,60cm long and fixing the same in ground as required for LT 1.1 KV cable including PCC base as required & approved by the Engineer Incharge                                                                                          | Each | 21.00   | 290.88  | 6108.48  |
| 137     | 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.                                                                                                                                                        | Each | 9.00    | 4910.40 | 44193.60 |
| 138     | 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, including providing 15 mm dia GI pipe as required.                                                                                                                               | Mtr  | 18.00   | 189.36  | 3408.48  |
| 139     | Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.                                                                                                                                                                                                               | Mtr  | 450.00  | 33.84   | 15228.00 |
| 140     | Dismantling bituminous road by manually/ mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge.                                                                                                                                                                          | cum  | 2.00    | 614.16  | 1228.32  |
| 141     | Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching upto 75cm depth and re-filling etc as required 50 mm dia"                                                                                                                                                                                            | mtr  | 12.00   | 630.72  | 7568.64  |
| 142     | Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required.                                                                                                                                                                             | cum  | 2.00    | 5446.08 | 10892.16 |

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| Sl. No. | Description                                                                                                                                                                                         | Unit | Qty    | Rate      | Amount    |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|-----------|-----------|
| 1       | 2                                                                                                                                                                                                   | 3    | 4      | 5         | 6         |
|         | <b>SH: COMMUNICATION WORKS</b>                                                                                                                                                                      |      |        |           |           |
| 143     | Supply of Telephone cable - 10 pair, complying to the technical specifications provided in the tender document.                                                                                     | Mtr  | 500.00 | 63.08     | 31540.00  |
| 144     | Supply of 6 Core optical fiber cable complying to the technical specifications provided in the tender document.                                                                                     | Mtr  | 500.00 | 75.24     | 37620.00  |
| 145     | Supply and installation of CAT 6 LAN cable, complying to the technical specifications provided in the tender document.                                                                              | Mtr  | 300.00 | 49.40     | 14820.00  |
| 146     | Supply of Media converter (OFC to Ethernet), complying to the technical specifications provided in the tender document.                                                                             | Nos. | 3.00   | 3762.00   | 11286.00  |
| 147     | Supply of OFC patch cords (SC-LC), complying to the technical specifications provided in the tender document.                                                                                       | Nos. | 12.00  | 988.00    | 11856.00  |
| 148     | Supply, installation , splicing of OFC LIU (6 Connectors), complying to the technical specifications provided in the tender document.                                                               | Nos. | 2.00   | 7942.00   | 15884.00  |
| 149     | Supply of 8 Port Unmanaged Ethernet Switch, complying to the technical specifications provided in the tender document.                                                                              | Nos. | 3.00   | 5244.00   | 15732.00  |
| 150     | Supply & installation of 3 Core 2.5 Sqmm Power Cable, complying to the technical specifications provided in the tender document.                                                                    | Mtr  | 100.00 | 104.88    | 10488.00  |
| 151     | Supply & fixing of 50 mm dia HDPE Conduit Pipe , conforming to IS 4984 and complying to the technical specifications provided in the tender document.                                               | Mtr  | 600.00 | 91.20     | 54720.00  |
| 152     | Supply of power socket boxes each containing 4 nos. of 15 A sockets, 4 nos. 15 A switches, along with PVC surface box,complying to the technical specifications provided in the tender document.    | Nos. | 3.00   | 1786.00   | 5358.00   |
| 153     | Supply of Landline Telephone with Caller ID,complying to the technical specifications provided in the tender document.                                                                              | Nos. | 2.00   | 2394.00   | 4788.00   |
| 154     | Installation of Telephone and OFC cables as per technical specifications provided in the tender document ( 1 Job means installation for the qty. of cables of item no.143 and 144 mentioned in SoQ) | Job  | 1.00   | 110922.00 | 110922.00 |

**TOTAL AMOUNT (EXCLUDING GST) = Rs. 15,253,890.08**

**SAY = Rs. 15,253,890.00**

*V. Shyl*  
08/05/24

Sr.Manager (Engg-C)  
AAI, Kadapa Airport

वरिष्ठ प्रबंधक (अभि-सि) / Sr. Manager (Engg.C)  
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India  
कडपा हवाई अड्डा / Kadapa Airport  
कडपा / KADAPA 516003

Validate

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Help

Item Rate BoQ

Tender Inviting Authority: Sr. Manager (E-C), AAI, Kadapa Airport.

Name of Work: Provision of Security check room, Covered canopy for security, Covered Scooter Shed, Covered Shed for Passengers, SS bollards, Porta cabins, Speed Rumbler, Signage boards and other miscellaneous works including Electrical and Communication works at Kadapa Airport.

TENDER ID: 2024\_AAI\_183296\_1

|                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |          |        |                                                                         |                                     |                                          |
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| Name of the Bidder/ Bidding Firm / Company :                                                                                                                                                                                                                                                     | M/S VIRAAT CONSTRUCTIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |          |        |                                                                         |                                     |                                          |
| <div>PRICE SCHEDULE</div> <div>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |          |        |                                                                         |                                     |                                          |
| NUMBER #                                                                                                                                                                                                                                                                                         | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TEXT #           | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                   |
| Sl. No.                                                                                                                                                                                                                                                                                          | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Item Code / Make | Quantity | Units  | BASIC RATE In Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST ) In Words    |
| 1                                                                                                                                                                                                                                                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3                | 4        | 5      | 7                                                                       | 8                                   | 10                                       |
| 1                                                                                                                                                                                                                                                                                                | <u>SH: CIVIL WORKS</u><br>Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and all lift upto 1.5 m, as directed by Engineer-in-charge.<br>All kinds of soil                                                                                                                                                                                                                | Item No.1        | 1860.00  | cum    | 100.00                                                                  | 186000.00                           | INR One Lakh Eighty Six Thousand Only    |
| 2                                                                                                                                                                                                                                                                                                | Excavating trenches by mechanical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth , including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :All kinds of soil<br>Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia | Item No.2        | 50.00    | mtr    | 200.00                                                                  | 10000.00                            | INR Ten Thousand Only                    |
| 3                                                                                                                                                                                                                                                                                                | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and for all lift                                                                                                                                                                                                                                                                                                                           | Item No.3        | 1750.00  | Cum    | 104.00                                                                  | 182000.00                           | INR One Lakh Eighty Two Thousand Only    |
| 4                                                                                                                                                                                                                                                                                                | Supplying and filling in plinth with local sand under floors, including watering, ramming, consolidating and dressing complete.                                                                                                                                                                                                                                                                                                                                                                                                                                 | Item No.4        | 87.00    | cum    | 800.00                                                                  | 69600.00                            | INR Sixty Nine Thousand Six Hundred Only |
| 5                                                                                                                                                                                                                                                                                                | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)                                                                                                                                                                                                                                                                                                                               | Item No.5        | 285.00   | Cum    | 4600.00                                                                 | 1311000.00                          | INR Thirteen Lakh Eleven Thousand Only   |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TEXT #           | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                                        |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Item Code / Make | Quantity | Units  | BASIC RATE in Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) in Words                          |
| 6        | Providing and fixing in position Stainless Steel (403 grade) Bollards 125 mm dia, 2 mm thick, 1000 mm high (700mm above flooring and 300mm below flooring) chamfered at top, including providing Stainless Steel (403 grade) circular cover plate over flooring 200 mm dia and 2mm thick and embedded 300mm in cement concrete 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources), including making necessary holes for embading bollard up to a depth of 450mm in flooring/bitumen/concrete pavement at specified spacing, etc., rate inclusive of supply and installation of SS Bollards, SS plate, Chamfering edge plate, Core cutting/making hole for embedment, labour and other incidental charges etc., complete as per the directions of Engineer In Charge. | Item No.6        | 40.00    | Each   | 4800.00                                                                 | 192000.00                           | INR One Lakh Ninety Two Thousand Only                         |
| 7        | Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement-All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Item No.7        | 98.00    | Cum    | 6000.00                                                                 | 588000.00                           | INR Five Lakh Eighty Eight Thousand Only                      |
| 8        | Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)                                                                                                                                                                                                                                                                                                                                                                                            | Item No.8        | 30.00    | Cum    | 6800.00                                                                 | 204000.00                           | INR Two Lakh Four Thousand Only                               |
| 9        | Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Item No.9        | 420.00   | Sqm    | 180.00                                                                  | 75600.00                            | INR Seventy Five Thousand Six Hundred Only                    |
| 10       | Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Item No.10       | 54.00    | Sqm    | 600.00                                                                  | 32400.00                            | INR Thirty Two Thousand Four Hundred Only                     |
| 11       | Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Item No.11       | 290.00   | Sqm    | 280.00                                                                  | 81200.00                            | INR Eighty One Thousand Two Hundred Only                      |
| 12       | Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Item No.12       | 220.00   | Sqm    | 450.00                                                                  | 99000.00                            | INR Ninety Nine Thousand Only                                 |
| 13       | Centering and shuttering including strutting, propping etc. and removal of form for : Edges of slabs and breaks in floors and walls Under 20 cm wide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Item No.13       | 40.00    | Rmt    | 150.00                                                                  | 6000.00                             | INR Six Thousand Only                                         |
| 14       | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.<br>(a) Thermo-Mechanically Treated bars of grade Fe-500D or more.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Item No.14       | 7875.00  | Kg     | 75.00                                                                   | 590625.00                           | INR Five Lakh Ninety Thousand Six Hundred & Twenty Five Only  |
| 15       | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level<br>(a)Thermo-Mechanically Treated bars of grade Fe-500D or more.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Item No.15       | 2650.00  | Kg     | 75.00                                                                   | 198750.00                           | INR One Lakh Ninety Eight Thousand Seven Hundred & Fifty Only |
| 16       | Brick work with clay Flyash F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Item No.16       | 52.00    | cum    | 5000.00                                                                 | 260000.00                           | INR Two Lakh Sixty Thousand Only                              |
| 17       | Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in : Cement mortar 1:4 (1 cement : 4 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Item No.17       | 140.00   | Cum    | 6000.00                                                                 | 840000.00                           | INR Eight Lakh Forty Thousand Only                            |

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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Item Code / Make | Quantity | Units  | BASIC RATE in Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) in Words        |
| 18       | Providing and fixing expansion hold fasteners on C.C. /R.C.C./Brick masonry surface backing including drilling necessary holes and the cost of bolt etc complete.<br>Fastener with threaded dia 10 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Item No.18       | 50.00    | nos    | 35.00                                                                   | 1750.00                             | INR One Thousand Seven Hundred & Fifty Only |
| 19       | Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Item No.19       | 15.00    | Sqm    | 1100.00                                                                 | 16500.00                            | INR Sixteen Thousand Five Hundred Only      |
| 20       | Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: (a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying, and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, bracket rods etc. (c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with semirigid and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing. The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium items. The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminium Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places. | Item No.20       | 120.00   | Sqm    | 3300.00                                                                 | 396000.00                           | INR Three Lakh Ninety Six Thousand Only     |
| 21       | Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Item No.21       | 12.00    | each   | 200.00                                                                  | 2400.00                             | INR Two Thousand Four Hundred Only          |
| 22       | Providing and fixing ISI marked IS : 1341 M.S. pressed butt hinges bright finished with necessary screws etc. complete : 125x65x2.12 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Item No.22       | 70.00    | Nos    | 45.00                                                                   | 3150.00                             | INR Three Thousand One Hundred & Fifty Only |
| 23       | Providing and fixing ISI marked oxidised M.S. door latches conforming to IS:5930 with screws etc. complete : (Copper oxidised as per IS : 1378) 250x20x6 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Item No.23       | 20.00    | Nos    | 70.00                                                                   | 1400.00                             | INR One Thousand Four Hundred Only          |
| 24       | Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Item No.24       | 5.00     | Nos    | 700.00                                                                  | 3500.00                             | INR Three Thousand Five Hundred Only        |
| 25       | Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Item No.25       | 2.00     | each   | 1000.00                                                                 | 2000.00                             | INR Two Thousand Only                       |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TEXT #           | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                                               |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Item Code / Make | Quantity | Units  | BASIC RATE In Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) In Words                                 |
| 26       | Providing and fixing aluminium sliding door bolts, ISI marked anodised anodic coating not less than grade AC 10 as per IS : 1868, transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Item No.26       | 6.00     | each   | 250.00                                                                  | 1500.00                             | INR One Thousand Five Hundred Only                                   |
| 27       | Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 250x10 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Item No.27       | 28.00    | each   | 100.00                                                                  | 2800.00                             | INR Two Thousand Eight Hundred Only                                  |
| 28       | Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Item No.28       | 28.00    | each   | 50.00                                                                   | 1400.00                             | INR One Thousand Four Hundred Only                                   |
| 29       | Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Item No.29       | 10.00    | each   | 60.00                                                                   | 600.00                              | INR Six Hundred Only                                                 |
| 30       | Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN. 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and inline sash adaptor (wherever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge.<br>Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS: 16231 shall be paid separately.<br>Note - Structural design proof checked from a Government Engineering Institute, to be provided by the manufacturer for : (i) Sites with basic wind speed > 45 m/sec as per IS 875 - Part 3<br>(ii) Sites with structure height more than 20m for all wind speeds<br>Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body<br>Using R2 series with frame (40mm & above) x (40mm & above) & sash (25mm & above) x (50mm & above) with zinc alloy (zamak) powder coated touch locks with hook (Height upto 1.2 metre). | Item No.30       | 15.00    | Sqm    | 6000.00                                                                 | 90000.00                            | INR Ninety Thousand Only                                             |
| 31       | Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Item No.31       | 3104.00  | kg     | 92.00                                                                   | 285568.00                           | INR Two Lakh Eighty Five Thousand Five Hundred & Sixty Eight         |
| 32       | Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Item No.32       | 6689.00  | kg     | 116.00                                                                  | 775924.00                           | INR Seven Lakh Seventy Five Thousand Nine Hundred & Twenty Four Only |
| 33       | Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.<br>(a) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Item No.33       | 3335.00  | kg     | 105.00                                                                  | 350175.00                           | INR Three Lakh Fifty Thousand One Hundred & Seventy Five Only        |

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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Item Code / Make | Quantity | Units  | BASIC RATE In Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST ) In Words                    |
| 34       | 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. 40 mm thick with 20 mm nominal size stone aggregate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Item No.34       | 20.00    | Sqm    | 450.00                                                                  | 9000.00                             | INR Nine Thousand Only                                   |
| 35       | Providing and fixing glass strips in joints of terrazzo/ cement concrete floors.40 mm wide and 4 mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Item No.35       | 20.00    | mtr    | 80.00                                                                   | 1600.00                             | INR One Thousand Six Hundred Only                        |
| 36       | Chequered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). Dark shade pigment using ordinary cement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Item No.36       | 1000.00  | Sqm    | 720.00                                                                  | 720000.00                           | INR Seven Lakh Twenty Thousand Only                      |
| 37       | Providing and laying Ceramic glazed floor tiles of size 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 (1Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.                                                                                                                                                                                                                                                                                                                                                                                                            | Item No.37       | 5.00     | Sqm    | 900.00                                                                  | 4500.00                             | INR Four Thousand Five Hundred Only                      |
| 38       | 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 @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm                                                                                                                                                                                                                                                                                                                                                                                         | Item No.38       | 185.00   | Sqm    | 900.00                                                                  | 166500.00                           | INR One Lakh Sixty Six Thousand Five Hundred Only        |
| 39       | Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm                                                                                                                                                                                                                                                                                                                                                                      | Item No.39       | 15.00    | Sqm    | 1000.00                                                                 | 15000.00                            | INR Fifteen Thousand Only                                |
| 40       | Extra for providing and fixing wind ties of 40x 6 mm flat iron section.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Item No.40       | 515.00   | mtr    | 100.00                                                                  | 51500.00                            | INR Fifty One Thousand Five Hundred Only                 |
| 41       | Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Item No.41       | 290.00   | mtr    | 160.00                                                                  | 46400.00                            | INR Forty Six Thousand Four Hundred Only                 |
| 42       | Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion Shoe (Plain) 110 mm Shoe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Item No.42       | 2.00     | each   | 110.00                                                                  | 220.00                              | INR Two Hundred & Twenty Only                            |
| 43       | Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. | Item No.43       | 1091.00  | Sqm    | 510.00                                                                  | 556410.00                           | INR Five Lakh Fifty Six Thousand Four Hundred & Ten Only |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TEXT #           | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                                       |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Item Code / Make | Quantity | Units  | BASIC RATE In Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST ) In Words                        |
| 44       | Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Ridges plain (500 - 600mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Item No.44       | 79.00    | mtr    | 380.00                                                                  | 30020.00                            | INR Thirty Thousand & Twenty Only                            |
| 45       | Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/ making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners. 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.<br>GI Metal Ceiling Lay in perforated Tegular edge global white colour tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient ) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece. | Item No.45       | 85.00    | Sqm    | 1500.00                                                                 | 127500.00                           | INR One Lakh Twenty Seven Thousand Five Hundred Only         |
| 46       | 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Item No.46       | 1373.00  | Sqm    | 250.00                                                                  | 343250.00                           | INR Three Lakh Forty Three Thousand Two Hundred & Fifty Only |
| 47       | 15 mm cement plaster on the rough side of single or half brick wall of mix :1:4 (1 cement: 4 fine sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Item No.47       | 246.00   | Sqm    | 250.00                                                                  | 61500.00                            | INR Sixty One Thousand Five Hundred Only                     |
| 48       | Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Item No.48       | 1270.00  | Sqm    | 100.00                                                                  | 127000.00                           | INR One Lakh Twenty Seven Thousand Only                      |
| 49       | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Item No.49       | 540.00   | Sqm    | 150.00                                                                  | 81000.00                            | INR Eighty One Thousand Only                                 |
| 50       | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Item No.50       | 104.00   | Sqm    | 100.00                                                                  | 10400.00                            | INR Ten Thousand Four Hundred Only                           |
| 51       | Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two coats                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Item No.51       | 246.00   | Sqm    | 100.00                                                                  | 24600.00                            | INR Twenty Four Thousand Six Hundred Only                    |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TEXT #           | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                              |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Item Code / Make | Quantity | Units  | BASIC RATE In Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) In Words                |
| 52       | Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Item No.52       | 246.00   | Sqm    | 50.00                                                                   | 12300.00                            | INR Twelve Thousand Three Hundred Only              |
| 53       | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Item No.53       | 110.00   | Sqm    | 69.00                                                                   | 7590.00                             | INR Seven Thousand Five Hundred & Ninety Only       |
| 54       | Finishing walls with Acrylic Smooth exterior paint of required shade : Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Item No.54       | 660.00   | Sqm    | 80.00                                                                   | 52800.00                            | INR Fifty Two Thousand Eight Hundred Only           |
| 55       | Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Item No.55       | 110.00   | Sqm    | 350.00                                                                  | 38500.00                            | INR Thirty Eight Thousand Five Hundred Only         |
| 56       | Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/ 450N/ 5cm. Tear strength in longitudinal and transverse direction as 300/ 250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : 3 mm thick | Item No.56       | 145.00   | Sqm    | 400.00                                                                  | 58000.00                            | INR Fifty Eight Thousand Only                       |
| 57       | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge<br>Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Item No.57       | 165.00   | Cum    | 800.00                                                                  | 132000.00                           | INR One Lakh Thirty Two Thousand Only               |
| 58       | Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.<br>For thickness of tiles 10 mm to 25 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Item No.58       | 1650.00  | Sqm    | 35.00                                                                   | 57750.00                            | INR Fifty Seven Thousand Seven Hundred & Fifty Only |
| 59       | Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Item No.59       | 1240.00  | Sqm    | 100.00                                                                  | 124000.00                           | INR One Lakh Twenty Four Thousand Only              |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TEXT #           | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                   |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Item Code / Make | Quantity | Units  | BASIC RATE in Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) In Words     |
| 60       | Providing and fixing Zinc coated concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90m) having 50 no rounds per 6 metre length upto 3m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T reinforced barbed wire, stud tied with G.I. staples and G.I Clips to retain horizontal, including necessary bolts, all complete as per direction of Engineer-in-charge, with reinforced barbed tape (R.B.T)/spring core (2.5 mm thick ) wire of high tensile strength of 165 kg sq.mm with tape (0.52 mm thick) and weight 43.478 gm/metre (cost of M.S angle, C.C blocks shall be paid separately).                                                                                                                                                                                                                                                                                                                                 | Item No.60       | 50.00    | Mtr    | 330.00                                                                  | 16500.00                            | INR Sixteen Thousand Five Hundred Only   |
| 61       | Providing Retro-reflective sign board of Required size made out of 2 mm thick aluminium sheet, face to be fully covered with high intensity encapsulated lens type retro -reflective sheeting as approved by Engineer-in-charge. Letter, symbols, borders etc. will be as per IRC - 67 with required colour scheme on the boards and with the high intensity grade A. The aluminium sheet to be riveted to M.S. frame of angle iron of size 40x40x4 mm. The boards will be fixed to 1 No. 50x50 mm square post made of M.S. angle 50x50x4 mm, 4 m long welded to the frame with adequate anti-theft arrangement. Sheet work to be painted with two or more coats of synthetic enamel paint over an under coat (primer) and back side of aluminium sheet to be painted with two or more coats of epoxy paint including appropriate priming coat complete in all respects as per direction of Engineer-in-charge.(Note: Supporting M.S Frame work and Subsequent painting with synthetic enamel paint will be paid separately under relevant item). | Item No.61       | 27.00    | Sqm    | 3000.00                                                                 | 81000.00                            | INR Eighty One Thousand Only             |
| 62       | Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Item No.62       | 10.00    | cum    | 6900.00                                                                 | 69000.00                            | INR Sixty Nine Thousand Only             |
| 63       | Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, complete all as per direction of Engineer-in-Charge<br>60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.                                                                                                                                                                                                                                                                                 | Item No.63       | 1300.00  | Sqm    | 750.00                                                                  | 975000.00                           | INR Nine Lakh Seventy Five Thousand Only |
| 64       | 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, including flush pipe, 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Item No.64       | 1.00     | each   | 5500.00                                                                 | 5500.00                             | INR Five Thousand Five Hundred Only      |
| 65       | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Item No.65       | 1.00     | each   | 2300.00                                                                 | 2300.00                             | INR Two Thousand Three Hundred Only      |
| 66       | Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Item No.66       | 1.00     | each   | 1500.00                                                                 | 1500.00                             | INR One Thousand Five Hundred Only       |
| 67       | Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Flexible pipe 32 mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Item No.67       | 1.00     | each   | 100.00                                                                  | 100.00                              | INR One Hundred Only                     |

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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Item Code / Make | Quantity | Units   | BASIC RATE in Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) in Words     |
| 68       | Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm                                                                                                                                                                                                                                                                                                                       | Item No.68       | 1.00     | each    | 1200.00                                                                 | 1200.00                             | INR One Thousand Two Hundred Only        |
| 69       | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 32 mm nominal dia Pipes                                                                                                | Item No.69       | 150.00   | mtr     | 360.00                                                                  | 54000.00                            | INR Fifty Four Thousand Only             |
| 70       | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and 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. 32 mm nominal dia Pipes | Item No.70       | 10.00    | mtr     | 660.00                                                                  | 6600.00                             | INR Six Thousand Six Hundred Only        |
| 71       | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and 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. 50 mm dia               | Item No.71       | 50.00    | Mtrs    | 850.00                                                                  | 42500.00                            | INR Forty Two Thousand Five Hundred Only |
| 72       | Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 80 mm dia nominal bore                                                                                                                                                                                                                                                                                                                                                                                                         | Item No.72       | 70.00    | Mtrs    | 800.00                                                                  | 56000.00                            | INR Fifty Six Thousand Only              |
| 73       | Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 50 mm nominal bore                                                                                                                                                                                                                                                                                                                                                                                                                                | Item No.73       | 4.00     | Nos     | 900.00                                                                  | 3600.00                             | INR Three Thousand Six Hundred Only      |
| 74       | Providing and fixing gun metal non- return valve of approved quality (screwed end) : 50 mm nominal bore Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                | Item No.74       | 2.00     | Nos     | 1200.00                                                                 | 2400.00                             | INR Two Thousand Four Hundred Only       |
| 75       | Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.                                                                                                                                                                                                                                                                      | Item No.75       | 2000.00  | Per ltr | 9.00                                                                    | 18000.00                            | INR Eighteen Thousand Only               |
| 76       | 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                                                                                                                                                                                                                                                                                             | Item No.76       | 65.00    | mtr     | 400.00                                                                  | 26000.00                            | INR Twenty Six Thousand Only             |
| 77       | Supplying and fixing C.I. cover without frame for manholes : 455x610 mm rectangular C.I. cover (light duty) the weight of the cover to be not less than 23 kg                                                                                                                                                                                                                                                                                                                                                                                   | Item No.77       | 4.00     | Each    | 1200.00                                                                 | 4800.00                             | INR Four Thousand Eight Hundred Only     |
| 78       | Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5                                                                                                                                                                                                                                                                               | Item No.78       | 1.00     | Each    | 18000.00                                                                | 18000.00                            | INR Eighteen Thousand Only               |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TEXT #           | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                               |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Item Code / Make | Quantity | Units  | BASIC RATE in Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) in Words                 |
| 79       | Providing and laying Non Pressure NP-4 class (Heavy duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 600 mm dia RCC pipes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Item No.79       | 62.50    | Mtrs   | 3000.00                                                                 | 187500.00                           | INR One Lakh Eighty Seven Thousand Five Hundred Only |
| 80       | Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :<br>For fixed portion<br>Powder coated aluminium (minimum thickness of powder coating 50 micron)                                                                                                                                                                                                                                             | Item No.80       | 300.00   | Kg     | 360.00                                                                  | 108000.00                           | INR One Lakh Eight Thousand Only                     |
| 81       | Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :<br>For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)<br>Powder coated aluminium (minimum thickness of powder coating 50 micron) | Item No.81       | 100.00   | Kg     | 460.00                                                                  | 46000.00                            | INR Forty Six Thousand Only                          |
| 82       | Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.<br>Pre-laminated particle board with decorative lamination on both sides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Item No.82       | 60.00    | Sqm    | 800.00                                                                  | 48000.00                            | INR Forty Eight Thousand Only                        |
| 83       | Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item):<br>With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Item No.83       | 18.00    | Sqm    | 1000.00                                                                 | 18000.00                            | INR Eighteen Thousand Only                           |
| 84       | Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings, the aluminium quality as per grade 6063 T5 or T6 as per BS 1474, including super durable powder coating of 60-80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). The weight of aluminium extruded section shall be taken for purpose of payment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Item No.84       | 180.00   | Kg     | 300.00                                                                  | 54000.00                            | INR Fifty Four Thousand Only                         |

V.827

| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TEXT #           | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                            |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Item Code / Make | Quantity | Units  | BASIC RATE in Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) In Words              |
| 85       | Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine to a minimum depth of 100mm upto 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using epoxy resin anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge.<br>Upto and including 12mm dia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Item No.85       | 150.00   | Each   | 80.00                                                                   | 12000.00                            | INR Twelve Thousand Only                          |
| 86       | Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-In-Charge. (The payment shall be made on the basis of actual weight of approved grout injected.)<br>Stirrer mixed Acrylic Polymer of approved make @ 2% of weight of cement used) modified Cement slurry made with non shrink compound in concrete/RCC work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Item No.86       | 2650.00  | Kg     | 80.00                                                                   | 212000.00                           | INR Two Lakh Twelve Thousand Only                 |
| 87       | Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/terrace windows & desertory other Frames/Chowhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with mitre joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In-Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). Note: For WPC solid door/window frames, minus 5mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made<br>Frame size 50 x 125 mm | Item No.87       | 41.00    | mtr    | 860.00                                                                  | 35260.00                            | INR Thirty Five Thousand Two Hundred & Sixty Only |
| 88       | Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid board one side white color and other side of board laminated with PVC foil of minimum 14 micron thickness of approved design pasted with hot melt adhesive for cup boards, work stations and bathroom/kitchen cabinet etc. of required sizes comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/ borer proof, water/moisture proof and fire retardant and fixing with stainless steel piano hinges/soft close clip on concealed hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In-Charge. (Note: stainless steel piano hinges/soft close clip on concealed hinges and necessary S.S screws shall be paid separately)<br>18 mm thick                                                                                     | Item No.88       | 24.00    | sqm    | 2000.00                                                                 | 48000.00                            | INR Forty Eight Thousand Only                     |
| 89       | Providing and fixing 110 mm PVC Pipes of 4 Kg/Sqm in brick work as a Weep hole at specified location and spacing as directed by the Engineer-in-charge.0.31m Length.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Item No.89       | 100.00   | NoS    | 60.00                                                                   | 6000.00                             | INR Six Thousand Only                             |
| 90       | Providing and placing ISI marked Road Rubber numbers of size 75 mm thick for road safety as per manufacture specification, rate including of supply, fixing with anchor fastners of 16 mm dia and 150mm long by drilling holes in bitumen/cement pavement etc complete. as per the direction of Engineer in charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Item No.90       | 40.00    | Mtrs   | 3900.00                                                                 | 156000.00                           | INR One Lakh Fifty Six Thousand Only              |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TEXT #           | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                                                            |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Item Code / Make | Quantity | Units  | BASIC RATE in Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) In Words                                              |
| 91       | Providing, Supply and placing prefabricated MS portable Security cabin (Porta Cabins) with insulation, interior wall cladding, windows, door, vinyl floor matting, external painting with Epoxy painting, electrical connectivity and fittings like, Fan, Tube light, bulk head light, socket and switches, standarder electrical wiring etc., complete as per the manufacturers specifications. Rate inclusive of supply, transportation, positioning at required location, labour, incidental charges etc., complete as per the directions of Engineer in charge Size 4' x 4' x 8' | Item No.91       | 6.00     | Nos    | 63000.00                                                                | 378000.00                           | INR Three Lakh Seventy Eight Thousand Only                                        |
| 92       | Supplying, stacking and Spreading Manually/Mechanically of Grade III (Size range 26.50 to 0.075 mm) Layer GSB/C watering and rolling complete including preparation of the surface and rolling. With road roller/ hand roller and as per direction of Engineer-in-charge.                                                                                                                                                                                                                                                                                                            | Item No.92       | 540.00   | Cum    | 1800.00                                                                 | 972000.00                           | INR Nine Lakh Seventy Two Thousand Only                                           |
| 93       | Providing and laying PVC pipe for connecting to nearest manholes from toilets and wherever required as directed by EIC., 160 mm dia pipe                                                                                                                                                                                                                                                                                                                                                                                                                                             | Item No.93       | 100.00   | Mtrs   | 500.00                                                                  | 50000.00                            | INR Fifty Thousand Only                                                           |
| 94       | Laying old Chequered Precast C.C tiles 22 mm thick in footpath of any design/ shape laid in required line, level, curvature, colour and pattern over 20 mm thick Bed of cement mortar 1:4 (1 cement: 4 coarse sand). all complete as per the direction of Engineer-in-charge. (Old Chequered Precast C.C tiles shall be taken after dismantling of existing tiles as per item no.58).                                                                                                                                                                                                | Item No.94       | 1240.00  | Sqm    | 200.00                                                                  | 248000.00                           | INR Two Lakh Forty Eight Thousand Only                                            |
| 95       | <u>SEE ELECTRICAL WORKS</u><br>Supply of XLPE insulated PVC sheathed, armoured Aluminium conductor power cable of 1.1 KV grade of following size as per IS 7098 part I 1988 with upto date amendments etc complete as required<br>(a) 4C x 25 Sqmm                                                                                                                                                                                                                                                                                                                                   | Item No.95       | 75.00    | Mtr    | 231.12                                                                  | 17334.00                            | INR Seventeen Thousand Three Hundred & Thirty Four Only                           |
| 96       | Supply of XLPE insulated PVC sheathed, armoured Aluminium conductor power cable of 1.1 KV grade of following size etc as per IS 7098 part I 1988 with upto date amendments etc complete as required<br>(a) 4C x 16 Sqmm                                                                                                                                                                                                                                                                                                                                                              | Item No.96       | 2100.00  | Mtr    | 188.64                                                                  | 396144.00                           | INR Three Lakh Ninety Six Thousand One Hundred & Forty Four Only                  |
| 97       | Supply of XLPE insulated PVC sheathed, armoured Aluminium conductor power cable of 1.1 KV grade of following size as per IS 7098 part I 1988 with upto date amendments etc complete as required<br>(a) 4C x 10 Sqmm                                                                                                                                                                                                                                                                                                                                                                  | Item No.97       | 150.00   | Mtr    | 157.68                                                                  | 23652.00                            | INR Twenty Three Thousand Six Hundred & Fifty Two Only                            |
| 98       | Supply of water proof PVC insulated PVC sheathed copper conductor flat submersible power cable of 1.1KV grade of following size as per IS 694 with upto date amendments for complete as required.<br>(a) 3C x 4 Sqmm                                                                                                                                                                                                                                                                                                                                                                 | Item No.98       | 25.00    | Mtr    | 84.24                                                                   | 2106.00                             | INR Two Thousand One Hundred & Six Only                                           |
| 99       | STTC of 2 TR, 5 star (ISEER = 5 or more) inverter type Hi-Wall split AC units fitted with copper wound motor, hermetically sealed rotary type compressor operating on 230V ± 10%, 50Hz supply with evaporator & condensing unit having copper coil including remote control, copper piping for both suction & discharge with nitrile insulation up to 3 meters, Interconnecting cabling, drain piping, first change of refrigerant, providing raised platform/MS stand for outdoor units etc. complete as required.                                                                  | Item No.99       | 3.00     | Each   | 40312.08                                                                | 120936.24                           | INR One Lakh Twenty Thousand Nine Hundred & Thirty Six and Paise Twenty Four Only |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TEXT #           | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                                                       |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Item Code / Make | Quantity | Units  | BASIC RATE in Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) In Words                                         |
| 100      | Supply of LED Recessed Down lighter made of die cast aluminium housing with polycarbonate /PMMA/polystyrene diffuser capable of providing a nominal lumen output of not less than 1800lumens and a minimum system efficacy of 100lm/W, CCT from 5700 K to 6500K, CRI ≥80, PF ≥0.95, and an operating Voltage Range of 140 - 270V. Internal Surge Protection > 2KV, SDCM <5, etc complete with 5 Year manufacturer warranty from the certified date of completion of work and complying with relevant IS with upto date amendments as required. | Item No.100      | 25.00    | Each   | 1414.08                                                                 | 35352.00                            | INR Thirty Five Thousand Three Hundred & Fifty Two Only                      |
| 101      | Supply of Round / Square type Bulk head LED luminaire made of Extruded Aluminium /CRCA housing capable of providing lumen output not less 1000 lm with minimum efficacy of 100lumens/watt, CCT from 5700K to 6500K, CRI ≥70, PF ≥0.95, and an operating Voltage Range of 140 - 270V. Internal Surge Protection > 2KV, SDCM <5, etc complete with 5 Year manufacturer warranty and complying with relevant IS with upto date amendments as required.                                                                                            | Item No.101      | 2.00     | Each   | 899.28                                                                  | 1798.56                             | INR One Thousand Seven Hundred & Ninety Eight and Paise Fifty Six Only       |
| 102      | Supply of LED 4ft Batten with a nominal system lumen output of 4000 lumens and minimum system efficacy of 100 lm/W. The luminaire should have a colour temperature of 5700K-6500K and CRE ≥80. The luminaire housing should made of CRCA/PC body with diffuser. The luminaire shall meet IP20 rating with THD ≤10%, PF ≥ 0.95 Internal Surge Protection > 2KV, SDCM <5, etc complete with 5 Year manufacturer warranty and complying with IS10322 with upto date amendments as required.                                                       | Item No.102      | 12.00    | Each   | 2432.16                                                                 | 29185.92                            | INR Twenty Nine Thousand One Hundred & Eighty Five and Paise Ninety Two Only |
| 103      | Supply of IP 65 rated, Low intensity Single dome LED type aviation obstruction light in cast aluminium housing with polycarbonate enclosure suitable to operate on 230V, 50Hz supply as per ICAO standards. It should switch ON automatically as required in night time & OFF in day time etc. complete in all respects as required.                                                                                                                                                                                                           | Item No.103      | 5.00     | Each   | 2488.32                                                                 | 12441.60                            | INR Twelve Thousand Four Hundred & Forty One and Paise Sixty Only            |
| 104      | Supply of 900 mm ceiling fan with out regulator complete with double ball bearing, motor, blades, canopies, capacitor etc. suitable for operation on 230 volts, 50 Hz, 1 phase, AC supply, including down rods of length upto 600mm etc complete as required                                                                                                                                                                                                                                                                                   | Item No.104      | 10.00    | Each   | 1685.52                                                                 | 16855.20                            | INR Sixteen Thousand Eight Hundred & Fifty Five and Paise Twenty Only        |
| 105      | Supply, Installation, Testing and commissioning of Horizontal Centrifugal openwell submersible pumpset with motor made of copper rotor preferably with 50mm outlet & inlet strainer having capacity to deliver minimum 450 LPM at 18mtr Head, made of cast iron impeller, cast iron body, Stainless Shaft, including making necessary connections with delivery pipe etc., complete as required.                                                                                                                                               | Item No.105      | 1.00     | Each   | 20990.88                                                                | 20990.88                            | INR Twenty Thousand Nine Hundred & Ninety and Paise Eighty Eight Only        |
| 106      | Supplying and fixing of following way vertical type, Three pole and neutral, sheet steel, MCB distribution board, 415V on surface /recess, complete with tinned copper busbar, neutral busbar, earth bar, din bar, cable end boxes at top and bottom, interconnections, powder painted including earthing etc as required (But without MCBs/RCCB/Isolator) 8 way (4+24). Double door                                                                                                                                                           | Item No.106      | 2.00     | Each   | 11584.80                                                                | 23169.60                            | INR Twenty Three Thousand One Hundred & Sixty Nine and Paise Sixty Only      |
| 107      | Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.                                                                                                                                                                                                            | Item No.107      | 3.00     | Each   | 1029.60                                                                 | 3088.80                             | INR Three Thousand & Eighty Eight and Paise Eighty Only                      |
| 108      | Providing and fixing Four Pole, 100A, 30 KA, Thermal magnetic release type MCCB with inbuilt Overload & short circuit protection with terminal spreaders & extended rotary handle in existing cubic panel board, 1/2 drilling holes in cubicle panel, making interconnections with Busbars by providing required copper flexible cables/aluminium bus bar as per the CPWD/AAI specifications etc. complete as required                                                                                                                         | Item No.108      | 2.00     | Job    | 4275.36                                                                 | 8550.72                             | INR Eight Thousand Five Hundred & Fifty and Paise Seventy Two Only           |
| 109      | Supply and fixing of wall mounting type automatic electronic voltage stabilizer suitable for 2 TR split air conditioners having capacity 5 KVA single phase, an input voltage range of 150-290V, with high/low voltage cut off, instant start & intelligent time delay etc. complete as required. (Make: V-Guard, Microtek & Everest or equivalent)                                                                                                                                                                                            | Item No.109      | 3.00     | Each   | 2908.80                                                                 | 8726.40                             | INR Eight Thousand Seven Hundred & Twenty Six and Paise Forty Only           |

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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                       | Item Code / Make | Quantity | Units  | BASIC RATE In Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) In Rs. P | TOTAL AMOUNT (With out GST) In Words                                      |
| 110      | Supplying and fixing of 63A, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 100 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                                                                                               | Item No.110      | 2.00     | Each   | 3074.40                                                                 | 6148.80                             | INR Six Thousand One Hundred & Forty Eight and Paise Eighty Only          |
| 111      | Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "B" curve, miniature circuit breaker of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single Pole                                                                                                                                           | Item No.111      | 21.00    | Each   | 179.28                                                                  | 3764.88                             | INR Three Thousand Seven Hundred & Sixty Four and Paise Eighty Eight Only |
| 112      | 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 medium class PVC 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 C | Item No.112      | 25.00    | Each   | 910.80                                                                  | 22770.00                            | INR Twenty Two Thousand Seven Hundred & Seventy Only                      |
| 113      | Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required. Group C         | Item No.113      | 25.00    | Each   | 534.24                                                                  | 13356.00                            | INR Thirteen Thousand Three Hundred & Fifty Six Only                      |
| 114      | Supplying and fixing of following sizes of medium class FR 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 dia                                                                                                                                                 | Item No.114      | 200.00   | Mtr    | 31.68                                                                   | 6336.00                             | INR Six Thousand Three Hundred & Thirty Six Only                          |
| 115      | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. a) 3x 1.5 Sq mm                                                                                                                                                                                      | Item No.115      | 125.00   | Mtr    | 58.32                                                                   | 7290.00                             | INR Seven Thousand Two Hundred & Ninety Only                              |
| 116      | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. a) 1 x 1.5 Sq mm                                                                                                                                                                                     | Item No.116      | 50.00    | Mtr    | 19.44                                                                   | 972.00                              | INR Nine Hundred & Seventy Two Only                                       |
| 117      | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. a) 3 x 4 Sqmm                                                                                                                                                                                        | Item No.117      | 100.00   | Mtr    | 153.36                                                                  | 15336.00                            | INR Fifteen Thousand Three Hundred & Thirty Six Only                      |
| 118      | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. a) 2 x 4 Sqmm                                                                                                                                                                                        | Item No.118      | 25.00    | Mtr    | 94.32                                                                   | 2358.00                             | INR Two Thousand Three Hundred & Fifty Eight Only                         |
| 119      | Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required. a) 3 Module (100mm x 75 mm)                                                                                                                                                                                                | Item No.119      | 5.00     | Each   | 224.64                                                                  | 1123.20                             | INR One Thousand One Hundred & Twenty Three and Paise Twenty Only         |
| 120      | Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required. a) 6 Module (200mm x 75 mm)                                                                                                                                                                                                | Item No.120      | 5.00     | Each   | 305.28                                                                  | 1526.40                             | INR One Thousand Five Hundred & Twenty Six and Paise Forty Only           |

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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                        | Item Code / Make | Quantity | Units  | BASIC RATE In Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) In Words                               |
| 121      | providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.                                                                                                                                                                                                                                                                                                          | Item No.121      | 10.00    | Each   | 132.48                                                                  | 1324.80                             | INR One Thousand Three Hundred & Twenty Four and Paise Eighty Only |
| 122      | providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.                                                                                                                                                                                                                                                                                                | Item No.122      | 5.00     | Each   | 212.40                                                                  | 1062.00                             | INR One Thousand & Sixty Two Only                                  |
| 123      | 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.                                                                                                                                                                                                                                      | Item No.123      | 10.00    | Each   | 226.08                                                                  | 2260.80                             | INR Two Thousand Two Hundred & Sixty and Paise Eighty Only         |
| 124      | Installation, testing and commissioning of wall fan/ ceiling fans including wiring the down rods of lengths (upto 60 cm) with 1.5 sq. mm FRLSH PVC insulated, copper conductor, single core cable etc. as required.                                                                                                                                                                                                     | Item No.124      | 10.00    | Each   | 196.56                                                                  | 1965.60                             | INR One Thousand Nine Hundred & Sixty Five and Paise Sixty Only    |
| 125      | Installation, testing and commissioning of prewired LED fittings of all types complete with required mounting accessories directly on ceiling /wall including connection with 1.5 sq. mm PVC insulated copper conductor single core cable and earthing etc. as required.                                                                                                                                                | Item No.125      | 45.00    | Each   | 110.88                                                                  | 4989.60                             | INR Four Thousand Nine Hundred & Eighty Nine and Paise Sixty Only  |
| 126      | Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc. , complete as required. (OD-63 mm & ID-51 mm nominal) | Item No.126      | 2000.00  | Mtr    | 133.92                                                                  | 267840.00                           | INR Two Lakh Sixty Seven Thousand Eight Hundred & Forty Only       |
| 127      | Supply and Installation of following size of Hot dip GI Perforated type cable trays in convenient sections, jointed with connectors including horizontal and vertical bends , reducers,tees, cross members , clamps, connection pieces and other accessories as required duly suspended from ceiling with GI suspenders including GI bolts & GI nuts . etc complete as required 150mmx 50mm with thickness of 1.6mm     | Item No.127      | 18.00    | Mtr    | 422.64                                                                  | 7607.52                             | INR Seven Thousand Six Hundred & Seven and Paise Fifty Two Only    |
| 128      | Supply and fixing of pole mounted SMC box of nominal size 250mm X 200mm X 105 mm along with suitable mounting arrangement as per site requirement including supply and fixing of suitable accessories like 63A connectors, 6-32A SP C series MCB, etc. complete as required                                                                                                                                             | Item No.128      | 9.00     | Each   | 32.40                                                                   | 291.60                              | INR Two Hundred & Ninety One and Paise Sixty Only                  |
| 129      | SITC of DOL Starter panel suitable for 3HP to 5 HP Three phase openwell submersible pump in sheet steel enclosure having protection for dry run , single phasing ,overload , phase reversal etc . ON/OFF Indication lamps , Push buttons, Ammeter and Voltmeter i/c making connections and mounting on wall surface with suitable clamps, bolts , washers etc complete as required                                      | Item No.129      | 1.00     | Each   | 5240.88                                                                 | 5240.88                             | INR Five Thousand Two Hundred & Forty and Paise Eighty Eight Only  |
| 130      | Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUMIE/ METAL pipe as required. Upto 35 sq. mm                                                                                                                                                                                                                                             | Item No.130      | 2200.00  | Mtr    | 18.72                                                                   | 41184.00                            | INR Forty One Thousand One Hundred & Eighty Four Only              |
| 131      | Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface/cable tray as required. Upto 35 sq. mm (clamped with 1mm thick saddle)                                                                                                                                                                                                              | Item No.131      | 300.00   | Mtr    | 25.20                                                                   | 7560.00                             | INR Seven Thousand Five Hundred & Sixty Only                       |
| 132      | Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC Sheathed/XLPE aluminium conductor cable of 1.1KV grade as required. 4Cx 25 Sq.mm                                                                                                                                                                                                       | Item No.132      | 4.00     | Each   | 562.32                                                                  | 2249.28                             | INR Two Thousand Two Hundred & Forty Nine and Paise Twenty Eight   |

*Handwritten signature/initials*

| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                    | TEXT #           | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                                                  |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|--------|-------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------------------|
| Sl. No.  | Item Description                                                                                                                                                                                                                                                                          | Item Code / Make | Quantity | Units  | BASIC RATE in Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) in Words                                    |
| 133      | Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC Sheathed/XLPE aluminium condutor cable of 1.1KV grade as required. 4Cx 16 Sq.mm                                                                          | Item No.133      | 8.00     | Each   | 562.32                                                                  | 4498.56                             | INR Four Thousand Four Hundred & Ninety Eight and Paise Fifty Six Only  |
| 134      | Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC Sheathed/XLPE aluminium condutor cable of 1.1KV grade as required. 4Cx 10 Sq.mm                                                                          | Item No.134      | 6.00     | Each   | 517.68                                                                  | 3106.08                             | INR Three Thousand One Hundred & Six and Paise Eight Only               |
| 135      | Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. a) 4C X 16 Sq.mm                                  | Item No.135      | 3.00     | Each   | 1604.16                                                                 | 4812.48                             | INR Four Thousand Eight Hundred & Twelve and Paise Forty Eight Only     |
| 136      | Supply and fixing cable route marker with 10cmx10cmx5mm thick GI plate with inscription there on , bolted /welded to 35mmx35mmx6mm angle iron ,60cm long and fixing the same in ground as required for LT 1.1 KV cable including PCC base as required & approved by the Engineer Incharge | Item No.136      | 21.00    | Each   | 290.88                                                                  | 6108.48                             | INR Six Thousand One Hundred & Eight and Paise Forty Eight Only         |
| 137      | 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.                                                               | Item No.137      | 9.00     | Each   | 4910.40                                                                 | 44193.60                            | INR Forty Four Thousand One Hundred & Ninety Three and Paise Sixty Only |
| 138      | 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, including providing 15 mm dia GI pipe as required.                                      | Item No.138      | 18.00    | Mtr    | 189.36                                                                  | 3408.48                             | INR Three Thousand Four Hundred & Eight and Paise Forty Eight Only      |
| 139      | Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.                                                                                                                      | Item No.139      | 450.00   | Mtr    | 33.84                                                                   | 15228.00                            | INR Fifteen Thousand Two Hundred & Twenty Eight Only                    |
| 140      | Dismantling bituminous road by manually/ mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge.                                                                                 | Item No.140      | 2.00     | cum    | 614.16                                                                  | 1228.32                             | INR One Thousand Two Hundred & Twenty Eight and Paise Thirty Two        |
| 141      | Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching upto 75cm depth and re-filling etc as required 50 mm dia"                                                                                                   | Item No.141      | 12.00    | mtr    | 630.72                                                                  | 7568.64                             | INR Seven Thousand Five Hundred & Sixty Eight and Paise Sixty Four Only |
| 142      | Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump. DG set etc including form work etc as required.                                                                                    | Item No.142      | 2.00     | cum    | 5446.08                                                                 | 10892.16                            | INR Ten Thousand Eight Hundred & Ninety Two and Paise Sixteen Only      |
| 143      | <b>SF: COMMUNICATION WORKS</b><br>Supply of Telephone cable - 10 pair, complying to the technical specifications provided in the tender document.                                                                                                                                         | Item No.143      | 500      | Mtr    | 63.08                                                                   | 31540.00                            | INR Thirty One Thousand Five Hundred & Forty Only                       |
| 144      | Supply of 6 Core optical fiber cable complying to the technical specifications provided in the tender document.                                                                                                                                                                           | Item No.144      | 500      | Mtr    | 75.24                                                                   | 37620.00                            | INR Thirty Seven Thousand Six Hundred & Twenty Four Only                |
| 145      | Supply and installation of CAT 6 LAN cable, complying to the technical specifications provided in the tender document.                                                                                                                                                                    | Item No.145      | 300      | Mtr    | 49.40                                                                   | 14820.00                            | INR Fourteen Thousand Eight Hundred & Twenty Only                       |
| 146      | Supply of Media converter (OFC to Ethernet), complying to the technical specifications provided in the tender document.                                                                                                                                                                   | Item No.146      | 3        | No.    | 3762.00                                                                 | 11286.00                            | INR Eleven Thousand Two Hundred & Eighty Six Only                       |

| NUMBER #             | TEXT #                                                                                                                                                                                             | TEXT #                                                                                        | NUMBER # | TEXT # | NUMBER #                                                                | NUMBER #                            | TEXT #                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------|--------|-------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------|
| Sl. No.              | Item Description                                                                                                                                                                                   | Item Code / Make                                                                              | Quantity | Units  | BASIC RATE in Figures To be entered by the Bidder (Excluding GST) Rs. P | TOTAL AMOUNT (without GST) in Rs. P | TOTAL AMOUNT (With out GST) in Words                                                          |
| 147                  | Supply of OFC patch cords (SC-LC), complying to the technical specifications provided in the tender document.                                                                                      | Item No.147                                                                                   | 12       | Nos.   | 988.00                                                                  | 11856.00                            | INR Eleven Thousand Eight Hundred & Fifty Six Only                                            |
| 148                  | Supply, installation, splicing of OFC LIU (6 Connectors), complying to the technical specifications provided in the tender document.                                                               | Item No.148                                                                                   | 2        | Nos.   | 7942.00                                                                 | 15884.00                            | INR Fifteen Thousand Eight Hundred & Eighty Four Only                                         |
| 149                  | Supply of 8 Port Unmanaged Ethernet Switch, complying to the technical specifications provided in the tender document.                                                                             | Item No.149                                                                                   | 3        | Nos.   | 5244.00                                                                 | 15732.00                            | INR Fifteen Thousand Seven Hundred & Thirty Two Only                                          |
| 150                  | Supply & installation of 3 Core 2.5 Sqmm Power Cable, complying to the technical specifications provided in the tender document.                                                                   | Item No.150                                                                                   | 100      | Mtr    | 104.88                                                                  | 10488.00                            | INR Ten Thousand Four Hundred & Eighty Eight Only                                             |
| 151                  | Supply & fixing of 50 mm dia HDPE Conduit Pipe, conforming to IS 4984 and complying to the technical specifications provided in the tender document.                                               | Item No.151                                                                                   | 600      | Mtr    | 91.20                                                                   | 54720.00                            | INR Fifty Four Thousand Seven Hundred & Twenty Only                                           |
| 152                  | Supply of power socket boxes each containing 4 nos. of 15 A sockets, 4 nos. 15 A switches, along with PVC surface box, complying to the technical specifications provided in the tender document.  | Item No.152                                                                                   | 3        | Nos.   | 1786.00                                                                 | 5358.00                             | INR Five Thousand Three Hundred & Fifty Eight Only                                            |
| 153                  | Supply of Landline Telephone with Caller ID, complying to the technical specifications provided in the tender document.                                                                            | Item No.153                                                                                   | 2        | Nos.   | 2394.00                                                                 | 4788.00                             | INR Four Thousand Seven Hundred & Eighty Eight Only                                           |
| 154                  | Installation of Telephone and OFC cables as per technical specifications provided in the tender document (1 Job means installation for the qty. of cables of item no.143 and 144 mentioned in SoQ) | Item No.154                                                                                   | 1        | Job    | 110922.00                                                               | 110922.00                           | INR One Lakh Ten Thousand Nine Hundred & Twenty Two Only                                      |
| Total in Figures     |                                                                                                                                                                                                    |                                                                                               |          |        |                                                                         | 15253890.00                         | INR One Crore Fifty Two Lakh Fifty Three Thousand Eight Hundred & Ninety and Paise Eight Only |
| Quoted Rate in Words |                                                                                                                                                                                                    | INR One Crore Fifty Two Lakh Fifty Three Thousand Eight Hundred & Ninety and Paise Eight Only |          |        |                                                                         |                                     |                                                                                               |

  
 वरिष्ठ प्रबंधक (अभि-स) / Sr. Manager (Engg. &)  
 भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India  
 कडपा हवाई अड्डा / Kadapa Airport  
 कडपा / KADAPA 516003