



# दिल्ली मेट्रो रेल कॉर्पोरेशन लि० DELHI METRO RAIL CORPORATION LTD.

( भारत सरकार एवं दिल्ली सरकार का संयुक्त उपक्रम )  
(A JOINT VENTURE OF GOVT. OF INDIA AND GOVT. OF DELHI)

No. DMRC/Tender (O&M)/OCW-1703/2024/1747/6289

Date: 20.12.2024

## LETTER OF ACCEPTANCE

**M/s SHRI KAILA CONSTRUCTION,**

D/23, Kanha Makhan Vatika,

Vrinadavan, Mathura-281406

Phone no: - 9760257759.

E-mail: shrikailaconstruction@gmail.com

**SUB: CONTRACT: OCW-1703: "RENOVATION WORK OF LINE-3 & 4 STATIONS I.E. NAWADA AND DWARKA MOR METRO STATIONS".**

Ref: (i) Online open Tender submission on e-tendering portal on 29.09.2024.

(ii) Technical bid opened on 03.10.2024.

(iii) Financial bid opened on 11.12.2024.

Dear Sir,

1. With reference to above, Letter of Acceptance (LOA) is hereby issued to you for the above mentioned work at total cost of **₹4,87,98,022.35/- (Rupees Four Crore Eighty Seven Lakh Ninety Eight Thousand Twenty Two and Thirty Five Paise only)** including all duties, taxes, octroi, royalties, levies etc.
2. This 'Letter of Acceptance' is sent herewith to you in duplicate. You are required to return one copy of it duly signed by you on all pages indicating "**Unconditional Acceptance**" thereof so as to reach the undersigned within seven days of the receipt of this letter.
3. This "Letter of acceptance" shall be treated as "Notice to Proceed" as defined in clause 8.1 of GCC and the completion period for this work is **09 (nine) months** from the stipulated date of commencement of work.
4. You shall ensure full compliance with Tax Laws of India with regard to this contract and shall be solely responsible for the same. You shall keep the employer fully indemnified against your liability of tax, interest, penalty etc. in respect thereof which may arise.
5. Sr. DGM/Civil/O&M of this organization will be the Engineer for this contract.

  
20/12/2024

हरीश कुमार / Harish Kumar  
ज्य. मुन. अभियंता/निर्माण/ओ एंड एम/ Dy. CE / Tender / O&M  
दिल्ली मेट्रो रेल कॉर्पोरेशन लि/ Delhi Metro Rail Corp. Ltd.  
मेट्रो भवन, फायर ब्रिगेड लेन/ Metro Bhawan, Fire Brigade Lane,  
बाराखम्बा रोड, नई दिल्ली-110 001/ Barakhamba Road, New Delhi-110 001

6. You are requested to contact the Sr. DGM/Civil/O&M immediately for further necessary action in this matter and to start the work within 7 days from the date of issue of this L.O.A. or as per the instructions of Engineer.
7. All the works shall be executed in accordance with the specifications stipulated in Tender.
8. It may please be noted that until a formal agreement is executed, this letter will constitute a binding Contract between you and DMRC. Please take necessary action as required vide Clause Nos. F4 and F5 of Instructions to Tenderers (ITT) regarding signing of agreement within a period of 30 days of submission of performance security or 60 days from the issue of Letter of Acceptance whichever is later. Further, it is pertinent to mention that delay in submission of performance security shall attract penal interest/lead to termination as per clause 4.2 of GCC.
9. You are instructed to register yourself on vendor payment portal on receiving the LOA. Link for registration is <https://vpp.dmrc.org>. In case of any queries, queries can be sent on the following email.id: [vpp.support@dmrc.org](mailto:vpp.support@dmrc.org). User manual is available by clicking the button: "Download vendor user manual" on the help page.

Thanking you,

Yours sincerely,

  
20/12/2024

(Harish Kumar)

Dy. CE/Tender (O&M)

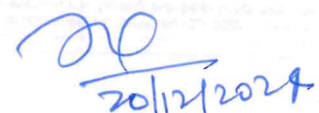
For Delhi Metro Rail Corporation Limited

हरीश कुमार / Harish Kumar  
उप मुख्य अभियंता/निविदा/ओ एंड एम/ Dy. CE / Tender / O&M  
दिल्ली मेट्रो रेल कॉर्पोरेशन लि/ Delhi Metro Rail Corp. Ltd.  
मेट्रो भवन, फायर ब्रिगेड लेन/ Metro Bhawan, Fire Brigade Lane,  
बारकम्बा रोड, नई दिल्ली-1/ Barakhamba Road, New Delhi-1

Encl: - One Copy of this letter in duplicate and BOQ.

| Bill of Quantity (BOQ)                                                                                                |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                           |         |                        |                        |
|-----------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------|---------|------------------------|------------------------|
| Name of Work: Contract: OCW-1703: "Renovation work of line-3 & 4 stations i.e. Nawada and Dwarka Mor Metro Stations". |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                           |         |                        |                        |
| Name of the bidder: M/s Shri Kaila Construction                                                                       |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                           |         |                        |                        |
| Schedule-A (DSR Civil)                                                                                                |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                           |         |                        |                        |
| SN                                                                                                                    | DSR 2023 Item No. | Description of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Unit  | Rate 2023 (GST Inclusive) | Qty.    | Amount (Inclusive GST) | Amount (Exclusive GST) |
| 1                                                                                                                     | 1.1.18            | Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | cum   | 494.10                    | 800.00  | 395,280.00             | 334,983.05             |
| 2                                                                                                                     | 2.1               | Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                           |         | 0.00                   | 0.00                   |
| 3                                                                                                                     | 2.1.1             | All kinds of soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | sqm   | 129.85                    | 1000.00 | 129,850.00             | 110,042.37             |
| 4                                                                                                                     | 2.6               | 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 lift upto 1.5 m, as directed by Engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 2.6.1             | All kinds of soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | cum   | 177.50                    | 350.00  | 62,125.00              | 52,648.31              |
| 5                                                                                                                     | 2.8               | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 2.8.1             | All kinds of soil.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | cum   | 260.3                     | 200.00  | 52,060.00              | 44,118.64              |
| 6                                                                                                                     | 2.10              | Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 2.10.1.2          | Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | metre | 352.15                    | 60.00   | 21,129.00              | 17,905.93              |
| 7                                                                                                                     | 2.25              | 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 lift upto 1.5 m.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | cum   | 196.00                    | 300.00  | 58,800.00              | 49,830.51              |
| 8                                                                                                                     | 2.28              | Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 2.28.1            | All kinds of soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | sqm   | 34.15                     | 1200.00 | 40,980.00              | 34,728.81              |
| 9                                                                                                                     | 4.1               | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 4.1.3             | 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | cum   | 7878.50                   | 140.00  | 1,102,990.00           | 934,737.29             |
| 10                                                                                                                    | 4.1.5             | 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | cum   | 7294.70                   | 60.00   | 437,682.00             | 370,916.95             |
| 11                                                                                                                    | 4.3               | Centering and shuttering including strutting, propping etc. and removal of form work for :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 4.3.1             | Foundations, footings, bases for columns                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | sqm   | 392.15                    | 10.00   | 3,921.50               | 3,323.31               |
| 22                                                                                                                    | 5.22A             | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 5.22A.6           | thermo- Mechanically treated bars of grade fe-500D otr more                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | KG    | 107.85                    | 500.00  | 53,925.00              | 45,699.15              |
| 13                                                                                                                    | 5.30              | Add for plaster drip course /grove in plaster surface or moulding RCC projection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | RM    | 78.40                     | 2000.00 | 156,800.00             | 132,881.36             |
| 14                                                                                                                    | 5.33              | Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 5.33.1.1          | All works upto plinth level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | cum   | 9504.75                   | 3.00    | 28,514.25              | 24,164.62              |
|                                                                                                                       | 5.33.2.1          | All works above plinth level upto floor V level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | cum   | 9860.40                   | 140.00  | 1,380,456.00           | 1,169,877.97           |
| 15                                                                                                                    | 5.44              | Providing and fixing of expansion joint system related with floor location as per drawings and direction of Engineer-In-Charge. The joints system will be of extruded aluminum base members, self aligning / self centering arrangement and support plates etc. as per ASTM B221-02. The system shall be such that it provides floor to floor /floor to wall expansion control system for various vertical location in load application areas that accommodates multi directional seismic movement without stress to it's components. System shall consist of metal profiles with a universal aluminum base member designed to accommodate various project conditions and finish floor treatments. The cover plate shall be designed of width and thickness required to satisfy projects movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self- centering arrangement that freely rotates / moves in all directions. The Self - centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufactures design and as approved by Engineer -in-Charge. (Material shall confirm to ASTM 6063). |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 5.44.1            | Floor Joint of 100 mm gap                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | RM    | 6392.55                   | 625.00  | 3,995,343.75           | 3,385,884.53           |
| 16                                                                                                                    | 6.1               | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 6.1.1             | Cement mortar 1:4 (1 cement : 4 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | cum   | 7370.65                   | 40.00   | 294,826.00             | 249,852.54             |
| 17                                                                                                                    | 6.4               | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 6.4.1             | Cement mortar 1:4 (1 cement : 4 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | cum   | 9344.35                   | 40.00   | 373,774.00             | 316,757.63             |
| 18                                                                                                                    | 6.13              | Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 6.13.1            | Cement mortar 1:3 (1 cement :3 coarse sand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | sqm   | 1150.50                   | 200.00  | 230,100.00             | 195,000.00             |
| 19                                                                                                                    | 7.32              | Stone work, plain in copings, cornices, string courses and plinth courses, upto 75 mm thick in Cement mortar 1:6 (1 cement : 6 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                           |         | 0.00                   | 0.00                   |
|                                                                                                                       | 7.32.1            | Red sand stone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | cum   | 93741.10                  | 6.00    | 562,446.60             | 476,649.66             |

|    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |         |         |              |              |
|----|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|---------|--------------|--------------|
| 40 | 11.41.2   | Size of Tile 600x600 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | sqm   | 1553.45 | 100.00  | 155,345.00   | 131,648.31   |
|    | 11.47     | Providing and laying Vitrified 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 brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile (adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |         |         | 0.00         | 0.00         |
|    | 11.47.2   | Size of Tile 600x600 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | sqm   | 1893.90 | 550.00  | 1,041,645.00 | 882,750.00   |
| 41 | 11.56     | Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |         |         | 0.00         | 0.00         |
|    | 11.56.1   | Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | sqm   | 4481.30 | 50.00   | 224,065.00   | 189,885.59   |
| 42 | 11.54     | Providing and fixing removable raised/floor access flooring with system and its components of approved make for different plenum height with possible height adjustment upto 50 mm, comprising of modular load bearing floor panels supported on G.I. rectangular stinger frame work and G.I. Pedestal etc. all complete, as per the architectural drawings, as specified and as directed by Engineer-in-charge consisting of:<br>(a) Providing at required spacing to form modular framework, pedestals made out of G.I. tube of thickness minimum 2 mm and 25 mm outer diameter, fully welded on to the G.I. Base plate of size 100mm x 100mm x 3mm at the bottom of the pedestal tube, G.I. pedestal head of size 75mmx75mmx3.5 mm welded with G.I. fully threaded stud 16mm outer diameter with two G.I. Check nuts screwed on the stud for level adjustment upto 50mm, locking and stabilizing the pedestal head in position at the required level. The pedestals shall be fixed to the subfloor (base) through base plate using epoxy based adhesive of approved make or the machine screw with rawl plug.<br>(b) Stringers system in all steel construction hot dipped galvanized of rectangular size 50x20x30x0.80mm thick having holes at both ends for securing the stringers on to the pedestal head using fully threaded screws ensuring maximum lateral stability in all directions, the grid formed by the pedestal and stringer assembly shall receive the floor panel, this system shall provide adequate solid, rigid support for access floor panel, the system shall provide a minimum clear uninterrupted clearance between the bottom of the floor for electrical conduits and wiring etc. all complete as per the architectural drawings, as specified and as directed by the Engineer-in-charge.<br>(c) Providing and fixing Access Floor panel of 600x600x32 mm medium grade Filled Steel anti static high pressure Lamination of 800H grade (FS800H). Access Floor panel shall be steel welded construction with an enclosed bottom pan with uniform pattern of 54 hemispherical cones. The top and bottom plates of Steel Gauges: top 0.6 mm and bottom 0.7 mm fused spot welded together (minimum 64 welds in each dome and 20 welds along each flange). The panel shall be Corrosion resistant epoxy coated for lifetime rust protection and cavity formed by the top and bottom plate is filled with Pyrogrip noncombustible Portland cementitious core mixed with lightweight foaming compound. The access floor shall be factory finished with Anti-static High Pressure laminate with Non Warp technology upto 1mm thickness for superior adhesion and Surface flatness within 0.75mm. The panel is to withstand a Concentrated Load of 363 kgs applied on area 25mm x 25mm without collapse in the centre of the panel which is placed on four steel blocks. The panel will withstand and Uniformly Distributed Load (UDL) minimum 1250 kg/sqm and an impact load of 50kg all complete as per the approved manufacturers specification and as per the direction of Engineer-in-charge. All specification must be printed on the side of the panel to ensure the quality of the product. |       |         |         | 0.00         | 0.00         |
|    | 11.54.1   | 300 mm Finished Floor Height (FFH)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | sqm   | 5623.95 | 360.00  | 2,024,622.00 | 1,715,781.36 |
| 43 | 11.55     | Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |         |         | 0.00         | 0.00         |
|    | 11.55.1   | Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | sqm   | 3186.7  | 50.00   | 159,335.00   | 135,029.66   |
| 44 | 12.21     | Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |         |         | 0.00         | 0.00         |
|    | 12.21.1   | In 75x75 mm deep chase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | metre | 305.15  | 650.00  | 198,347.50   | 168,091.10   |
| 45 | 12.22     | Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x 1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | each  | 298.25  | 150.00  | 44,737.50    | 37,913.14    |
|    | 12.41     | Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | RM    | 377.40  | 300.00  | 113,220.00   | 95,949.15    |
| 46 | 12.41.2   | 110 mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |         |         | 0.00         | 0.00         |
|    | 12.42     | Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |         |         | 0.00         | 0.00         |
|    | 12.42.1.2 | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Each  | 136.15  | 50.00   | 6,807.50     | 5,769.07     |
| 47 | 12.42.5.2 | 110 mm bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Each  | 150.35  | 50.00   | 7,517.50     | 6,370.76     |
|    | 12.45     | Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |         |         | 0.00         | 0.00         |
|    | 12.45.3   | 12.5 mm thick tapered edge gypsum moisture resistant board                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | sqm   | 1529.10 | 350.00  | 535,185.00   | 453,546.61   |
| 48 | 12.50     | 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 shapewherever required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | sqm   | 738.65  | 3500.00 | 2,585,275.00 | 2,190,911.02 |
|    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |         |         |              |              |

  
 हरिश कुमार / Harish Kumar  
 जय भूज अभियंता/निर्देशा/ओ एंड एम Dy. CE / Tender / O&M  
 दिल्ली मेट्रो रेल कॉर्पोरेशन लि/ Delhi Metro Rail Corp. Ltd.  
 मेट्रो भवन, फावर ब्रिगेड रोड/ Metro Bhawan, Fira Brigade Lane,  
 बाराकम्बा रोड, नई दिल्ली-1/ Barakhamba Road, New Delhi-1

|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |          |          |              |              |
|----|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|----------|--------------|--------------|
| 68 | 14.91   | 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 : 14.91.1 3 mm thick sqm 563.5 |       |          |          | 0.00         | 0.00         |
|    | 14.91.1 | 3mm thick layer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | sqm   | 560.95   | 700.00   | 392,665.00   | 332,766.95   |
| 69 | 15.2    | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |          |          | 0.00         | 0.00         |
|    | 15.2.1  | Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | cum   | 2434.25  | 110.00   | 267,767.50   | 226,921.61   |
|    | 15.2.2  | Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | cum   | 1503.60  | 100.00   | 150,360.00   | 127,423.73   |
| 70 | 15.3    | Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in- charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | cum   | 3551.25  | 20.00    | 71,025.00    | 60,190.68    |
| 71 | 15.5    | Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer- in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sqm   | 1147.20  | 20.00    | 22,944.00    | 19,444.07    |
| 72 | 15.7    | Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |          |          | 0.00         | 0.00         |
|    | 15.7.4  | In cement mortar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | cum   | 2060.20  | 100.00   | 206,020.00   | 174,593.22   |
| 73 | 15.12   | Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |          |          | 0.00         | 0.00         |
|    | 15.12.1 | Of area 3 sq. metres and below                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Each  | 367.20   | 70.00    | 25,704.00    | 21,783.05    |
|    | 15.12.2 | Of area beyond 3 sq. metres                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Each  | 502.75   | 45.00    | 22,623.75    | 19,172.67    |
| 74 | 15.18   | Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | KG    | 5.65     | 10000.00 | 56,500.00    | 47,881.36    |
| 75 | 15.23   | Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |          |          | 0.00         | 0.00         |
|    | 15.23.1 | For thickness of tiles 10 mm to 25 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | sqm   | 73.40    | 600.00   | 44,040.00    | 37,322.03    |
| 76 | 15.25   | Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | sqm   | 266.45   | 150.00   | 39,967.50    | 33,870.76    |
| 77 | 15.28   | Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |          |          | 0.00         | 0.00         |
|    | 15.28.1 | G.S. Sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | sqm   | 164.95   | 4000.00  | 659,800.00   | 559,152.54   |
| 78 | 15.36   | Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Kg    | 36.80    | 300.00   | 11,040.00    | 9,355.93     |
| 79 | 15.56   | Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | sqm   | 54.65    | 5500.00  | 300,575.00   | 254,724.58   |
| 80 | 15.57   | Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | sqm   | 56.35    | 3400.00  | 191,590.00   | 162,364.41   |
| 81 | 16.53   | Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length ( total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m 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 or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape (R.B.T.) / Spring core (2.5mm 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)                                                                                                                                                                                                                                                                                 | metre | 375.80   | 300.00   | 112,740.00   | 95,542.37    |
| 82 | 16.68   | Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | sqm   | 972.00   | 650.00   | 631,800.00   | 535,423.73   |
| 83 | 16.69   | 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   | 10117.60 | 15.13    | 153,079.29   | 129,728.21   |
| 84 | 16.82   | Taking out existing kerb stones of all types from footpath/ central verge, including removal of mortar etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | m     | 39.35    | 450.00   | 17,707.50    | 15,006.36    |
| 85 | 16.83   | Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | sqm   | 131.75   | 700.00   | 92,225.00    | 78,156.78    |
| 86 | 16.84   | Laying old cement concrete interlocking paver blocks of any design/ shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. (Old CC paver blocks shall be supplied by the department)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | sqm   | 402.95   | 450.00   | 181,327.50   | 153,667.37   |
| 87 | 16.85   | Laying at or near ground level old kerb stones of all types 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 be more than 5 mm), including making drainage opening wherever required etc. complete as per direction of Engineer-in-charge. (Length of finished kerb edging shall be measured for payment). (Old kerb stones shall be supplied by the department free of cost)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | metre | 109.45   | 240.00   | 26,268.00    | 22,261.02    |
| 88 | 16.87   | Providing and laying gang saw cut 30 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath, flooring in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |          |          | 0.00         | 0.00         |
|    | 16.87.1 | With granite stone of area less than 0.50 sqm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sqm   | 4950.90  | 266.00   | 1,316,939.40 | 1,116,050.34 |

|     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |         |         |            |            |
|-----|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|---------|------------|------------|
|     | (b)     | Fabricating and supplying serrated M.S. hot dip galvanised /Aluminium alloy of 6005 T5 brackets of required sizes, sections and profiles etc. to accommodate 3 Dimensional movement for achieving perfect verticality and fixing structural glazing system rigidly to the RCC/ masonry/structural steel framework of building structure using stainless steel anchor fasteners/ bolts, nylon seperator to prevent bimetallic contacts with nuts and washers etc. of stainless steel grade 316, of the required capacity and in required numbers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |         |         | 0.00       | 0.00       |
|     | (c)     | Providing and filling, two part pump filled, structural silicone sealant and one part weather silicone sealant compatible with the structural silicone sealant of required bite size in a clean and controlled factory / work shop environment, including double sided spacer tape, setting blocks and backer rod, all of approved grade, brand and manufacture, as per the approved sealant design, within and all around the perimeter for holding glass.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |         |         | 0.00       | 0.00       |
|     | (d)     | Providing and fixing in position flashings of solid aluminium sheet 1 mm thick and of sizes, shapes and profiles, as required as per the site conditions, to seal the gap between the building structure and all its interfaces with curtain glazing to make it watertight.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |         |         | 0.00       | 0.00       |
|     | (e)     | Making provision for drainage of moisture/ water that enters the curtain glazing system to make it watertight, by incorporating principles of pressure equalization, providing suitable gutter profiles at bottom (if required), making necessary holes of required sizes and of required numbers etc. complete. This item includes cost of all inputs of designing, labour for fabricating and installation of aluminium grid, installation of glazed units, T&P, scaffolding and other incidental charges including wastages etc., enabling temporary structures and services, cranes or cradles etc. as described above and as specified. The item includes the cost of getting all the structural and functional design including shop drawings checked by a structural designer, dully approved by Engineer-in-charge. The item also includes 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 structural glazing as specified, cleaning and protection till the handing over of the building for occupation. In the end, the Contractor shall provide a water tight structural glazing having all the performance characteristics etc. all complete as required, 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |         |         | 0.00       | 0.00       |
|     |         | Note:- 1. The cost of providing extruded aluminium frames, shadow boxes, extruded aluminium section capping for fixing in the grooves of the curtain glazing and vermin proof stainless steel wire mesh shall be paid for separately under relevant items under this sub- head. However, for the purpose of payment, only the actual area of structural glazing (including width of grooves) on the external face shall be measured in sqm. up to two decimal places.<br>Note:-2. The following performance test are to be conducted on structural glazing system if area of structural glazing exceeds 2500 Sqm from the certified laboratories accredited by NABL(National Accreditation Board for Testing and Calibration Laboratories), Department of Science & Technologies, India. Cost of testing is payable separately. The NIT approving authority will decide the necessity of testing on the basis of cost of the work, cost of the test and importance of the work. Performance Testing of Structural glazing system Tests to be conducted in the NABL accredited lab or any other accreditation body which operates in accordance with ISO/IEC 17011 and accredits labs as per ISO/IEC 17025 1.<br>Performance Laboratory Test for Air Leakage Test (-50pa to -300pa) & (+50pa to +300pa) as per ASTM E-283-04 testing method for a range of testing limit 1 to 200 mVhr 2. Static Water Penetration Test (50pa to 1500pa) as per ASTM E- 331-09 testing method for a range up to 2000 ml.<br>3. Dynamic Water Penetration (50pa to 1500pa) as per AAMA 501.01- 05 testing method for a range upto 2000 ml.<br>4. Structural Performance Deflection and deformation by static air pressure test (1.5 times design wind pressure without any failure) as per ASTM E-330-10 testing method for a range upto 50 mm<br>5. Seismic Movement Test (upto 30 mm) as per AAMA 501.4-09 testing method for Qualitative test, Tests to be conducted on site.<br>6. Onsite Test for Water Leakage for a pressure range 50 kpa to 240 kpa (35psi) upto 2000 ml |      |         |         | 0.00       | 0.00       |
| 102 | 25.6    | Providing and supplying Spandrel Glass Panels comprising of 6 mm thick heat strengthened monolithic float glass of approved colour and shade with reflective soft coating on surface # 2 of approved colour and shade so as to match the colour and shade of the IGUs in the vision panels etc. ,all complete for the required performances as specified, as per the Architectural drawings, as per the approved shop drawings, as specified, and as directed by the Engineer- in- Charge. For payment, only the actual area of glass on face # 1 of the glass panels (but excluding the area of grooves and weather silicone sealant) provided and fixed in position, shall be measured in sqm. (Payment for fixing of Spandrel Glass Panels in the curtain glazing is included in cost of relevant item*)."(i) Coloured tinted float glass 6mm thick substrate with reflective soft coating on face # 2, having properties as visible Light transmittance (VLT) of 25 to 35 %, Light reflection internal 10 to 15%, light reflection external 10 to 20 %, shading coefficient (0.25- 0.28) and U value of 3.0 to 3.3 W/m2 K etc. . The properties of performance glass shall be decided by technical sanctioning authority as per the site requirement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sqm  | 2450.15 | 280.00  | 686,042.00 | 581,391.53 |
| 103 | 26.30   | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |         |         | 0.00       | 0.00       |
|     | 26.30.1 | 26.30.1 Upto and including 12mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Each | 141.20  | 300.00  | 42,360.00  | 35,898.31  |
| 104 | 26.31   | Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |         |         | 0.00       | 0.00       |
|     | 26.31.1 | 26.31.1 SBR Polymer (@10% of cement weight) modified cementitious bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer sqm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | sqm  | 141.20  | 700.00  | 98,840.00  | 83,762.71  |
| 105 | 26.38   | Shotcreting R.C.C. columns, beams and slabs etc. in layers with approved design mix concrete having the specified minimum characteristic compressive strength [with ordinary portland cement, coarse sand and graded stone aggregate of 10 mm maximum size in proportion as per design criteria] including the cost of centering and shuttering at edges and corners etc. as directed by Engineer in-Charge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |         |         | 0.00       | 0.00       |
|     | 26.38.1 | 25mm thick in Grade M 25 with cement content not less than 330 kg per cum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | sqm  | 746.90  | 50.00   | 37,345.00  | 31,648.31  |
|     | 26.38.2 | 50mm thick in Grade M 25 with cement content not less than 330 kg per cum sqm 1073.45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | sqm  | 1151.05 | 650.00  | 748,182.50 | 634,052.97 |
| 106 | 26.40   | Providing and fixing hard drawn steel wire fabric of size 75 x25 mm mesh or other suitable size wire mesh to be fixed & firmly anchored to the concrete surface by means of "L" shaped mild steel shear key welded with existing reinforcement including the cost of materials, labour, tool & plants as approved by Engineer-in-charge. sqm 820.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | sqm  | 902.55  | 650.00  | 586,657.50 | 497,167.37 |
| 107 | 26.28   | Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |         |         | 0.00       | 0.00       |
|     | 26.28.2 | 50mm average thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | sqm  | 256.35  | 525.00  | 134,583.75 | 114,054.03 |
|     | 26.28.3 | 25 mm average thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | sqm  | 126.75  | 300.00  | 38,025.00  | 32,224.58  |
| 108 | 26.29   | Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |         |         | 0.00       | 0.00       |
|     | 26.29.1 | Bars upto 12 mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Rm   | 8.25    | 100.00  | 825.00     | 699.15     |
|     | 26.29.2 | Bars above 12 mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | RM   | 16.45   | 4000.00 | 65,800.00  | 55,762.71  |

|                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |           |         |               |               |
|-------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|---------|---------------|---------------|
| 25                                                                      | NDSR-25   | Providing & Fixing in position precast RCC bollards of size 900mm (Height) 150mm dia vibro compacted accurately designed moulds appropriate reinforced with drawing plastic spacer & concrete grade M25 as per approved design and drawing. The bollards shall be fixed in cement concrete block of mix 1:2:5 and pit size of 30x30x30 cm including earthwork excavation etc. complete as per direction and instruction of Engineer in charge.                                                                                                                                                                                                                                                                                                                                                                                                                                              | Each | 1123.38   | 40.00   | 44,935.20     | 38,080.68     |
| 26                                                                      | NDSR-26   | Grinding of Concrete surface of roof slab soffit, columns, beams, lift wall, escalator pit etc. by deploying skilled mason and necessary grinding machine, electrical connection, including taking all safety measures complete and per instruction of Engineer in charge (Scaffolding will be charged extra).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Sqm  | 259.41    | 850.00  | 220,498.50    | 186,863.14    |
| 27                                                                      | NDSR-27   | Polishing and buffing of SS surface of provided in metro station with minor grinding ( as Required ) and removing stains / blemish with proper rubbing and polishing . Rate inclusive of all taxes manpower material . Tools and plants CO & OH etc all complete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | sqm  | 475.82    | 750.00  | 356,865.00    | 302,427.97    |
| 28                                                                      | NDSR-28   | Designing providing, fabricating and erecting hot dipped galvanized "RAIN WATER GUTTER" using 3.15 mm thick mild sheets including all accessories, connections, sleeves for connecting rain water pipes to gutter placed at roof along all valley and edges of building including site welding at all joints to make water tight including painting as per specification.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MT   | 102123.66 | 24.00   | 2,450,967.84  | 2,077,091.39  |
| 29                                                                      | NDSR-29   | Dismantling rain water Gutter/ rain water pipe etc ( G.I/MS) upto roof level ( PEB structure) By using manlift of suitable boom length & crane etc along with stacking within 50 metres lead aper direction of Engineer in charge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | RM   | 392.53    | 760.00  | 298,322.80    | 252,815.93    |
| 30                                                                      | NDSR-30   | Providing and fixing on wall face unplasticised Rigid PVC rain water pipes (working pressure 6 kg/cm <sup>2</sup> ) conforming to IS : 13552 type A. Including jointing with seal ring conforming to IS :5382, leaving 10mm gap for thermal expansion, (i) Single Socket pipe. This work is executing in Block Hrs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |           |         | 0.00          | 0.00          |
|                                                                         | NDSR-30.1 | 200 mm Diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | RM   | 2124.49   | 900.00  | 1,912,041.00  | 1,620,373.73  |
| 31                                                                      | NDSR-31   | Providing and fixing on wall face unpasticised, PVC moulded fitting/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 type A including jointing with seal ring conforming to IS :5382, leaving 10mm gap for thermal expansion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |           |         | 0.00          | 0.00          |
|                                                                         | NDSR-31.1 | 200 mm x 100 mm dia reducer Tee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Each | 2318.51   | 360.00  | 834,663.60    | 707,342.03    |
|                                                                         | NDSR-31.2 | 200 mm x 200 mm dia bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Each | 834.28    | 240.00  | 200,227.20    | 169,684.07    |
| 33                                                                      | NDSR-33   | Cleaning of center drain of viaduct pier by core cutting. The itmes will include following activities 1. fixing of core cutting machine on pier cap for core cutting in central drain & shifting of core cutting machine from one pier to another pier by suitable mean. 2. use of chain pully for handling movement of diamond core cutter which fixed along & heavy pier as per vsite reurement.3. 50mm dia initial stage 4. after 50mm dia core it follows 100mm dia and then 150mm dia core drain. ( all work include night charges od labour , wastage of labour machine generator from one pier to another pier. Thios itmes used only badly chowecked central drain of pier with concrete completly. The work should be as per direction of engineer inchrg. The ratre will comprised all inclusive . (applicable taxes contractor profit etc.                                       | Each | 59236.42  | 9.00    | 533,127.78    | 451,803.20    |
| 34                                                                      | NDSR-34   | Providing and injection Dr. fixit or Fosroc PU Foam injection to componet Polyurethane foam injection grout manufacture and to be site mixed in a ratio 10:1 (10 Part Base 1 Part Hardener ) That shall be injected with machnically piston driven pump with maximum pressure up to 250 Bar or Foam shall be based on MDI ( Methylene DIPHENYL isocyanate ) Polyurothane pre-polymer and Accelerator. The system shall react when it comes in contact with water, producing a relatively stiff and insert polyurethane .....polymer motar complete at all heights.                                                                                                                                                                                                                                                                                                                          | kg   | 1864.11   | 600.00  | 1,118,466.00  | 947,852.54    |
| 35                                                                      | NDSR-35   | Providing and injection Dr. fixit or Fosroc PU plain injection to componet Polyurethane plain injection grout manufacture and to be site mixed in a ratio 2:1 (2 Part Base 1 Part Hardener ) That shall be injected with machnically piston driven pump with maximum pressure up to 250 Bar or as per the requirement of the site at a distance of 300 mm C/C in all direction. The PU plain shall be low viscosity high penetration quick setting and should forms tough and flexible polyurethane rubber after complete chemical reaction or without water....polymer motar complete at all heights.                                                                                                                                                                                                                                                                                      | Kg   | 1864.11   | 400.00  | 745,644.00    | 631,901.69    |
| 36                                                                      | NDSR-36   | Providing and laying of prepacked dual shrinkage compensated polymer modified micro-concrete like master Emaco 5346 of BASF/ Renderoc LA 55 of Fosroc/Sika Red Microcrete-4 of Sika or equivalent material - complete as per direction of engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | KG   | 96.82     | 1000.05 | 96,824.84     | 82,054.95     |
| 37                                                                      | NDSR-37   | Scaling and cleaning of mosaic tiles with suitable chemicals / cleaning agents, filling of epoxy grout in joints and polishing, with all required tools, plants, manpower & materials etc. all complete as per direction of Engineer-in- charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Sqm  | 648.20    | 10.00   | 6,482.00      | 5,493.22      |
| 38                                                                      | NDSR-38   | Providing edge moulding to 30 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | RM   | 580.67    | 50.00   | 29,033.50     | 24,604.66     |
| 39                                                                      | NDSR-39   | Dismantling old aluminium composite panel ( ACP ) including disposal with 150 m lead as directed by engineer inchrg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | sqm  | 165.36    | 49.90   | 8,251.46      | 6,992.76      |
| 40                                                                      | NDSR-40   | Providing and pasting sun flim of approved make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Sqm  | 211.00    | 300.00  | 63,300.00     | 53,644.07     |
| 41                                                                      | NDSR-41   | Providing and fixing of Station name DMRC LOGO on top of building with 100mm depth and 2100mm dia. The logo shall be made of 304 Grade SS and the front face of 4mm white Acrylic. Red Vinyl Logo is to be illuminated with Samsung LED Modules with necessary water proof Transformers. Along withSS Frame Work complete as per detail drawing and instructions as per                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Each | 96642.00  | 2.00    | 193,284.00    | 163,800.00    |
| 42                                                                      | NDSR-42   | Supply of Red LED module minimum 5 module per mtr. With each LED module having 3 SMD with a beam angle of 130 degree . IP rating IP 65, option lense and 1 watt make Osram/Vin/Samsung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sqm  | 1447.98   | 100.00  | 144,798.00    | 122,710.17    |
| 43                                                                      | NDSR-43   | Driver of 60W/100W/220W. IP rating IP65, option lense and 1 watt with 5 year warrenty make Osram/Vin/Samsung(220 WATT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Nos  | 8190.00   | 4.00    | 32,760.00     | 27,762.71     |
| 44                                                                      | NDSR-44   | Providing and laying 30mm thick prepolished sadharhali grey/cheema pink/halore beige granite slab of size upto and including 1200x600mm on floor using 5mm thick approved thick bed adhesive as per specification over prepared base on 20mm (avg)thick base of cement mortar 1:4(1 cement :4 total aggregate) using 43 grade cement, water redusing admixture as per ISO 9103: 1999 and joining with white cement woth matching pigment all complete (colour of granite asper approved by Engineer) in levelling course laid to proper slopes over screed base including base preparation, movement joints in screed as per specification with 10mm thick compressible filler to edge of screed/ blockwork junction with two part polysulphide sealant to top edge; drainage gullies as per approved section curing , testing etc. all complete as per specification and relevent drawing. | Sqm  | 4669.09   | 75.00   | 350,181.75    | 296,764.19    |
| 45                                                                      | NDSR-45   | Providing and fixing of Cobel stone (Delhi Stone) hand cut and Chisel dressed of size 100x100x75mm in road to reduced the traffiv speed including preparation of bed and levelling up base with cement mortar 1:2 (cement: sand) or as per direction of Engineer incharge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sqm  | 3778.74   | 10.00   | 37,787.40     | 32,023.22     |
| Total of Schedule-B                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |           |         | 21,518,191.98 | 18,235,755.91 |
| % quoted by bidder against Schedule-B (Exclusive of GST@18%)            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |           |         | Less          | 45.51         |
| 45.51% on Schedule-B (Excluding GST@18%)                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |           |         |               | 8,299,092.51  |
| Total quoted amount of Schedule-B (Exclusive of GST@18%)                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |           |         |               | 9,936,663.40  |
| Total quoted amount of Schedule-B (Inclusive of GST@18%)                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |           |         |               | 11,725,262.81 |
| Total quoted amount of Schedule-A and Schedule-B (Inclusive of GST@18%) |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |           |         |               | 48,798,022.35 |