

Sub - CIDCO Schedule of rates for the year 2012-13

S.E. (HQ)'s Section has prepared CIDCO schedule of rates of building and other infrastructure works. The rates considered in the schedule of rates are based on the PWD, DSR 2012-13 and MJP schedule of rates applicable for the year 2012-13. The incorporated rates of items are already scrutinized by Account section.

An attempt has been made to include all the items after checking necessary, description, rates and unit, however if any discrepancy is observed or if any item needs to be incorporated, the same may be brought to the notice of the undersigned so that the correction/addition can be incorporated while revising the schedule.

This schedule of rates is applicable for Navi Mumbai Area and will supersede earlier schedule of rates issued on 21st May, 2012.

All the SE's and EE's are, therefore, requested to prepare the estimate based on the above schedule of rates.

S.E. (HQ)

All SE's ()

All EE's ()

CIDCO SCHEDULE OF RATES 2012-2013

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CIDCO Schedule of Rates for Building, Road & Other Infrastructure Works

CIDCO Schedule of Rates (CSR) has been prepared and is being circulated for estimation purpose.

The salient features of the schedule are as under :-

(A) GENERAL :

1. The rates are based on PWD, Thane DSR 2012-13.
2. The following basic rates of materials shall be taken as Star Rates..
 - a) Cement Rs. 6,600.00/ MT.
 - b) Mild Steel Rs. 42,000.00/ MT.
 - c) T.M.T. bars Rs. 45,150.00/ MT.
 - d) Structural Steel Rs. 45,050.00/ MT.
 - e) Bitumen of 30/40 grade Rs. 47,499.00 /MT
 - f) Bitumen of 60/70 grade Rs. 44,461.00/MT
 - g) Bitumen of 80/100 grade Rs. 43,434.00/MT
3. For all completed items, initial lead upto 5 Km. is considered.
4. Sales tax & other taxes levied by Govt., Royalty Charges as per **Gaukhani 10/1009/C.R.- 309/Kh, Mantralaya Mumbai - 400032 dated 11/02/2010** considered for excavation, earthwork etc.
Labour Amenity Charges (1%) & Quality Control Testing Charges are included in the rate analysis.

Provision of NMMC cess of 1% shall be made in the preparation of estimate and tender Papers based on actual rate analysis approved. (in NMMC Area)
5. For transportation rates, labour & material rates, corresponding references should be followed as per Statements enclosed as Part VIII of CIDCO Schedule of Rates (CSR).
6. For the items of Building works, sewer line, water supply, storm water drains, the cement content for P.C.C & R.C.C works are considered as per IS:456-2000. The minimum grade of plain cement concrete should be M-15 & for R.C.C it should be M-20. All concrete shall be with requisite Mix design commensurating with exposure condition as per IS:456-2000 and as decided by Engineer in charge.
7. Items required for water supply and sanitary works, which are not included in this CIDCO Schedule of Rates (CSR), Schedule Rates of Maharashtra Jeevan Pradhikaran in the district is to be adopted.
8. The rates for items pertaining to Parks & Gardens, shall be taken from the Schedule Rates of Superintendent, Parks and Gardens, Mumbai.
9. While calculating part rate / reduced rate etc., necessary overhead charges, sundries etc. should be proportionately considered as per the rate abstract.
10. References of P.W.D. standard specification, and M.O.R.T.&H. specification Edition 2001 are obligatory.
11. The rates for bridge items are for works in normal conditions of site. Wherever bridges are to be constructed in special site conditions such as bridge on creek having tidal effects/in standing water of perennial river, the detailed rate analysis shall be prepared and the same shall be got approved from the concerned Superintending Engineer.

(B) BUILDING WORKS:

1. The excavation items for building works are inclusive of normal de-watering like manual, however, separate item for de-watering shall be proposed in the estimate where underground water of significant magnitude is anticipated.
2. For the excavation items, the charges for additional lifts above 1.50 m. to be added which shall be as follows :-
 - a) Lift above 1.50m. upto 3.00m. - Rs.12.50/Cum.
 - b) Lift above 3.00m. upto 4.50m- Rs.19.00/Cum.
 - c) Lift above 4.50m. upto 6.00m. - Rs.25.00/Cum.
3. The rates of items are applicable for ground floor & first floor. For every additional floor, percentage increase in rates shall be 1% per floor

The above increase is applicable for items shown below :-

Sr.No.	Item
1.	Structural steel work, Tubular trusses.
2.	R.C.C. mild steel, tor steel reinforcement, brick masonry, stone masonry, hume pipe tanks.
3.	External plastering and pointing.
4.	Flooring, dado, skirting, treads (except white glazed and, ceramic & marble tiles.)
5.	External painting.
6.	Mangalore tiles roof, ridge, ceilings
7.	Weather sheds, replacing external window shutters using scaffolding.
8.	Soil, waste, vent & rain water pipes and mild steel tanks.
9.	External guniting.

4. **For the items required to be carried out in the respective floors other than those mentioned above the following average percentage shall be applied.**

Floor	Average Percentage by which rate is to be increased.
I Ground floor	Nil
II First floor	Nil
III Second Floor	0.35%
IV Third floor	0.70%
V Fourth floor	1.05%
VI Further each additional floor	0.35%

Note: *This increase in rates as above shall be on CSR items rates only.*

5. The percentage increase to be applied for items like waterproofing treatment, storage tank, parapet wall with coping, staircase, lift room with slab and waterproofing treatment, plastering, painting to be carried out in the terrace will be at the rate of floor next below.

6. The super plasticiser may be used in concrete to get better workability & dense concrete. No extra cost will be paid for use of plasticiser in concrete.
7. For RMC items lead of 25.00 Km is considered.

(C) Roads and Storm Water Drains:

1. Following leads are considered for different materials:

- | | |
|-------------------------------------|--------|
| a) Metal for road work | 5 Km. |
| b) Graded metal, stone dust, rubble | 5 Km. |
| c) Bitumen | 30 Km. |
| d) Murum | 8 Km. |

If the lead beyond 8 kms. is to be considered for murum, a specific approval of Chief Engineer (N/S/SP) shall be taken before estimation.

(D) Water Supply and Sewerage:

1. Rates for supply of various types of pipes, specials and valves are inclusive of excise duty, central sales tax/VAT, third party inspection charges and transportation materials upto site and stacking.
2. As per Govt. circular Materials used for drinking water supply scheme upto 1st storage and pipes of more than 200 mm diameter are exempted from excise duty. However, necessary certificate from the project authority i.e. District Collector / Dy. Commissioner shall be obtained.
3. Though the contractor is required to do re-filling before hydraulic testing to avoid traffic hurdle, no payment for re-filling of trenches of pipeline shall be payable till satisfactory hydraulic testing is given. Re-excavation required if any; during testing, shall be done by the contractor at his own cost.
4. 10% of cost of total sub-work of pipeline work shall be retained till satisfactory hydraulic testing is given as per IS code.
5. In case of supply of pipes, valves, etc., by contractor, only 85% payment shall be released after supply and 15% after satisfactory hydraulic testing.
6. For use of ready mix cement concrete prior permission of Chief Engineer (N/S/SP) shall be obtained before estimation.

EE(Navi-Mumbai)