



छत्तीसगढ़ स्टेट पावर डिस्ट्रीब्यूशन कम्पनी लिमिटेड
CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LIMITED
 (A Government of Chhattisgarh Undertaking) (A Successor Company of CSEB)

CIN - U40108CT2003SGC015822

Office of Executive Director (O&M) CSPDCL Raipur E-Mail-ceonm.raipur@cspc.co.in

No. 02-01 / WK-I / F.No.20 (Vol.10) / 2798

Raipur, Date 31/07/2018

To,

The Executive Director / Chief Engineer

[(R/R) / (D/R) / (B/R) / (J/R) / (A/R) / (RAJ./R) / (Project)]

C. S. P. D. C. L. Raipur / Durg / Bilaspur / Jagdalpur / Ambikapur /
Rajnandgaon Region

Sub: - Schedule of Rates for the year 2018-19.

Ref:- 1.) T.O. Letter No. 02-01/Works/127 Raipur, dated 10/04/2017.
2.) T.O. Letter No. 02-01/Works/132 Raipur, dated 10/04/2017.

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The Schedule of Rates for the year 2018-19 has been finalized and soft copy of the same is uploaded in the URJAINET of Power Company in CSPDCL's main page inside the Schedule of Rates folder as " Schedule of Rates 2018-19 " which can be downloaded as per necessity.

As per practice in vogue since 2013-14, 9% Incidental charges (which comprises of Building cess 1%, Bank interest 4%, Store incidental 2.5% and Commercial Tax 1.5%) has been continued to be added in estimate cost. In addition to the above, Overhead Charges @ 12.5% (which includes market fluctuation factor, Contractor's profit and GST etc.) is also to be added in estimate cost. However the tender value of the work shall be based on Basic SoR estimate + 9% Incidental charges only.

Similarly, for Special Category Remote Area such as Dantewada, Bijapur, Sukma and Narayanpur districts, 10% expenses on the overall cost of estimate shall be continued at the time of sanction of estimates.

The other Important Instructions which is a part of Schedule of Rates for the year 2018-19 is enclosed herewith for your ready reference. It is requested to issue

necessary instructions to all the officers up to the rank of JE under your jurisdiction to take necessary action as above.

The new Schedule of Rates 2018-19 is applicable with immediate effect.

Encl: - As above.


EXECUTIVE DIRECTOR (O&M)
C.S.P.D.C.L., RAIPUR

Copy to:-

1. The Superintending Engineer [(O&M) / City (I / II) / City], CSPDCL Raipur / Durg / Mahasamund / Rajnandgaon / Bilaspur / Janjgir / Raigarh / Korba / Ambikapur / Jagdalpur / Kanker / Kawardha / Baloda-Bazar / Baikunthpur Circle.
2. The Executive Engineer (Project) CSPDCL Raipur / Baloda Bazar / Mahasamund / Durg / Rajnandgaon / Dantewada / Jagdalpur / Kanker / Bilaspur / Janjgir-Champa / Raigarh / Jashpur / Ambikapur / Baikunthpur Division.
---- for information and necessary action.

Encl: - As above.


SUPERINTENDING ENGINEER (WORKS)
O/o E.D. (O&M) C.S.P.D.C.L. RAIPUR

CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LTD.

SCHEDULES OF RATES FOR THE YEAR 2018-19

IMPORTANT INSTRUCTIONS TO BE FOLLOWED WHILE PREPARING ESTIMATES

The schedule of rates have been prepared based on revision in the cost of materials, steel sections, civil work, labour & transportation charges etc., for applicability during the year 2018-19. Salient points relating to the schedule are briefly mentioned herewith.

1. The standard schedules of various works have been prepared and enclosed based on standard quantity. However, while preparing the estimates for any work, actual quantity required as per field conditions must only be taken in the schedule.
2. While preparing estimates, all the relevant codes like C.G. State Electricity Supply Code, C.E.A. (Technical Standards for construction of electrical plants and electric lines 2010, CEA (Safety requirements for construction, operation and maintenance of electrical plants and electrical lines regulations 2011, C.E.A. (installation and operation of meters, regulations 2006) with all amendments etc. are strictly to be followed.
3. (i) Estimates for 33 kV Lines should normally be framed with 9.1 Mtr / 11 Mtr long, 280 Kg / 365 Kg PCC pole. Use of H- Beams is restricted only to limited works in urban areas or difficult terrain.
- (ii) Similarly estimates for 11 kV lines should normally be framed with 8 Mtr / 9 Mtr / 9.1 Mtr / 11 Mtr long PCC poles as per requirements. Use of H- Beams / R.S. Joist is restricted only to limited works in urban areas or difficult terrains.
- (iii) For any new river / road crossing requiring line to be erected on tower, the same must be laid on Panther conductor.
- (iv) For any new 33 kV line crossing below Railway / Road track, 400 sq.mm. Underground XLPE cable is to be used. Similarly, for any new 11 kV line crossing below Railway / Road track, 240 sq.mm. Underground XLPE cable is to be used.
- (v) Circular no. 6011 date 14.11.2013, No. 6408 date 19.12.2014, and guidelines issued vide this office letter No. 4808 date 08.12.2005 should be strictly followed.

- (iv) The order no. 02-11/IV-3/CTPT/3171 date 16.03.2016 issued by ED (HR) CSPDCL Raipur is to be strictly followed.
4. The earthing arrangement at 33/11 kV S/s should be made in accordance with the detailed guidelines circulated vide erstwhile MPEB's letter No. 08-01-STD-STATION EARTH-3574 Dtd. 21.05.1999.
 5. The schedule of underground Railway / Road crossing on existing rail / road tracks (Sch.A-6) has been revised in the year 2016-17 and :-
 - (i) It is instructed that for the works which are carried out by CSPDCL at its own cost, laying of cable should be done using H.D.D. Technique only.
 - (ii) If Railway department applies for conversion of existing overhead line crossings to underground crossing, then schedules may be prepared as per their request.
 6. In place of old 4-Star rated 16, 25, 63, 100 and 200 kVA Distribution Transformer, now **Energy Efficient I.S.I. Marked Level-2 Transformers** have been introduced whose rates are indicated in Standard Stock Materials of SoR 2018-19.
 7. The rate of concreting has been bifurcated in two parts i.e. Material cost & Labour cost and incorporated in schedules accordingly.
 8. Use of RCC Blocks have been incorporated for lines to be laid on 140 kG, 8 Mtr. long PCC Pole and associated stay set.
 9. Use of Covered conductor and 33 kV A.B. Cable is restricted only in last span of HT consumers.
 10. The covered conductor of various ratings should be -- 11 kV / 33 kV-- AlMgSi Conductor with Triple extruded longitudinal water blocking layer, XLPE Insulation, Outer layer of UV – resistant XLPE. The same should be type tested as per relevant Standard from CPRI or equivalent lab.
 11. The list of I.S.I.Mark materials which are being procured by S&P and used by CSPDCL is enclosed. It should be ensured that the enlisted materials used by Turnkey contractor bear I.S.I.Mark.
 12. The guarantee period of the materials provided by the Turnkey contractors should be as per purchase orders placed by ED/CE (S&P) CSPDCL for that particular material.
 13. **Civil Works--**
 - (i) The rates of the items of Civil works are indicated in Part-VIII of this booklet.

- (ii) The assumptions made for preparing the standard schedules of lines include normal conditions of terrain and soil and do not apply to black cotton soil, for which simple base padding would not be adequate and concreting of the pole would be required. In case the geographical area is such that the line has to encounter river / railway crossing etc; the same is to be supplemented separately in the main technical estimate.
14. The rates of items, which do not find place in the enclosed list of materials, should be ascertained from the latest stores inventory or from the market. A specific mention to this effect should be made in the estimate, whenever such rates are used.
15. In Job wise labour rates for maintenance works, Incidental charges and Overhead charges should not be included as the same already includes Overhead charges at the rate 20%.
16. The Standard schedules are applicable only for the schemes relating to ND Obligatory, Sub-transmission (Normal) and System Improvement works. For Deposit / Contributory works, While the cost of materials / Supervision charges / Overhead charges etc. are to be taken as per the schedule, the Supervision charges / Goods & Service Tax etc. be computed as per the various Relevant Circulars in force.
17. Regarding applicability of Supervision Charges and Overhead Charges, following guidelines issued vide T.O. letter no. 0132 date 10.04.2017 and Circular no. 0127 date 10.04.2017 shall be strictly followed, which are mentioned as under --
- (i) The supervision charges at the rate 15% shall be levied only in cases where the consumer carries out the work by himself through some contractor.
 - (ii) No supervision charges shall be levied on works carried out by CSPDCL through its own system for release of new connection.
 - (iii) The Overhead charges shall be levied at the rate 12.5%.
 - (iv) CSPDCL shall recover Supply Affording charges along with 15% Supervision Charges but will not recover additional cost per meter (in case of New NSC as per order date 30.06.2016 of CSERC), where work has to be got executed on Supervision basis and complete work shall be executed by the applicant.

18. Although care has been taken while preparing schedules but estimation of work is to be made as per actual site requirement and provision for any other expenditure payable to Govt. e.g. taxes, forest clearance related charges, Bank guarantee and misc. charges levied by Railway department in case of Railway crossing etc. is to be made in the estimate.
19. It is directed to ensure strict compliance of the above guidelines / instructions while preparing the estimates.


EXECUTIVE DIRECTOR (O&M)
CSPDCL: RAIPUR