

TPCODL

OFFICE OF THE EXECUTIVE ENGINEER (ELECT.) KHORDHA ELECTRICAL DIVISION: KHORDHA

No.-TPCODL/KED/Tech./
To

4158

Date 31.08.20

M/S Neelachal Builders Pvt. Ltd.,
C/o- Sri Satya Priya Jayasingh (M.D.),
At- Bikashnagar, Jatni, Khata No.- 147/210,
Plot No.- 1/495/588 & 541/587,
Mouza- Badanuagaon, Dist- Khordha.

Sub: - Permission for construction of 11KV line with installation of Sub-station towards power supply to 100 KW individual load at L.T. end for S + 4 Storey Residential Apartment, At- Bikashnagar, Khata No.- 147/210, Plot No.- 1/495/588 & 541/587, Mouza- Badanuagaon, Dist- Khordha, under Electrical Section No.-II Jatni, under Deposit Work (on 6% Supervision charges).

Ref:- Approval letter No.- 836⁽²⁾, dt-28.08.2020 of Superintending Engineer (Elect.) Electrical Circle No.-II, TPCODL, Bhubaneswar.

Sir,

With reference to the subject cited above, permission is hereby accorded construction of 11KV line with installation of Sub-station towards power supply to 100 KW individual load at L.T. end for S + 4 Storey Residential Apartment, At- Bikashnagar, Khata No.- 147/210, Plot No.- 1/495/588 & 541/587, Mouza- Badanuagaon, Dist- Khordha, under Electrical Section No.-II Jatni, under Deposit Work (on 6% Supervision charges) for execution of following works as per terms & condition mention below.

Details of Work

Sl. No.	Name of the Work	Scope of Work	Sanction Est. No.	Amount (Rs.)	Remarks
1	Power supply to 100 KW individual load at L.T. end for Residential Apartment, At- Bikashnagar, Jatni, Dist- Khordha, under Electrical Section No.-II Jatni.	1. Construction of 11KV line 3 ϕ 3w using 55mm ² Insulated Conductor - 0.05Km (1No. Span) 2. Erection of 11KV intermediate pole at tapping point using 13Mtr long 150x150mm R.S. Joist pole - 1No. 3. Installation of 250 KVA, 11/4KV plinth mounted S/S - 01No. using 10Mtr long 100x116mm R.S. Joist pole.	KED/ DEP(6%) /192/ 2020-21	Rs.7,69,207.00(G) 1) Supervision Charges(6%) = Rs.43,540.00 2) 18% GST on 6% =Rs.7,838.00 & 3) Cess (1%) = Rs.7,692.00	All the scope of works are to be executed by party & maintained by TPCODL under deposit work on 6% Supervision Charges.

Terms & condition:-

- You have to deposit Rs.43,540.00 (Rupees Forty Three Thousand Five Hundred Forty) only towards 6% supervision charges, Rs.7,838.00 (Rupees Seven Thousand Eight Hundred Thirty Eight) only towards 18% GST on 6% Supervision & Rs.7,692.00 (Rupees Seven Thousand Six Hundred Ninety Two) only towards 1% Cess charges as per the sanctioned estimate (Estimate No.- KED/DEP(6%)/192/2020-21) sanctioned by Asst. General Manager (Elect.) K.E.D. Khordha and approved by Superintending Engineer (Elect.) Electrical Circle No.-II, TPCODL, Bhubaneswar (Copy of the estimate is enclosed for reference).
- The Vender selected to execute the work should be approved by Supply Engineer.
- You have to produce the valid license of the Electrical Contractor before execution of the work and the work should executed as per REC standard through a valid licensed HT electrical contractor.
- The materials used for construction purpose should confirm to REC/ISI specification. After procurement of materials to be used for construction of 11KV line, erection of 11KV intermediate pole and installation of Sub-station, you have to send a request letter to the S.D.O.(Elect.) Jatni with the Xerox copy of the cash memo with "Test Certificate" & "Type Test" report of materials for verification and approval of the same. Non-compliance of the above, may lead to cancellation of this permission without giving any reason thereof.
- Prior to taking of work, the S.D.O (Elect.) Jatni and J.M. (Elect.) Electrical Section No.-II Jatni are to be intimated for route alignment work.
- You are requested that, the transformer 250KVA should be purchased from the reputed CPRI approved manufacture with facility for ceiling at LT Bushing side and to intimate the TPCODL Engineers (E.E, E & MR Division, TPCODL, At- TLC Colony, Khordha) to test the transformer at factory site before installation at your premises, otherwise the power supply cannot be effected and test report must be submitted before charging. The transformer will be fitted with LT cable end box which will be sealed by TPCODL MRT after charging.

TP CENTRAL ODISHA DISTRIBUTION LIMITED

(A Tata Power and Odisha Government Joint Venture)

Corporate Office: 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

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7. You should submit the transformer guarantee certificate for **02 Years** and you have to replace the transformer, if the transformer failed within **02 Years** from the date of charging at your own cost with other materials defective on the said period.
8. You have to provide right of way for construction of 11KV line, erection of 11KV intermediate pole and installation of Sub-station as per the provision of the rule – 8 of OERC Distribution (Conditions of supply) Code-2004.
9. The power supply shall be effected to the individual houses on LT end after completion of the construction work and there after receipt of the application from the individual houses with observing TPCODL norms & Government rules i.e. as per notification vide No.- 3444, dt-21.01.2013 of Housing and Urban Development Department, if the area comes within the master plan area of the Development Authority, Regional improvement trust and special Town planning Authority, you should submit the occupancy certificate obtaining from the competent authority, before availing the power supply to your Building / installation.
10. You should install a DT meter at your own cost fulfilling of all formalities of TPCODL. The common supply if any should be billed on the balance unit after deducting total individual unit from the DT meter.
11. You are requested to clear up all the arrear dues if any outstanding on the said plot before execution of agreement.
12. If there is a dispute on the land or any other statutory permission on which power supply is given, TPCODL reserve the right to disconnect the power supply observing TPCODL norm.
13. Any dispute / legal complicacy arising out of damage / accident owing to construction of 11KV line, erection of 11KV intermediate pole and Sub-station has to be settled at the responsibility & cost of party.
14. All electrical safety aspects are to be ensured by your construction of 11KV line, erection of 11KV intermediate pole and installation of Sub-station.
15. The guarding must be provided against the existing 33KV line / 11KV line / L.T. line / Telephone line / Road, if any keeping allowable clearance.
16. Anti climbing device is to be provided in the line & Sub-station.
17. The 11KV line, 11KV intermediate pole, Sub-station and other equipments after due inspection by Superintending Engineer-cum-Electrical Inspector, BBSR and testing etc as required shall be taken over by our site Engineer, item wise from the consumer, specifically with due certification by concerned S.D.O. that
 - (a) No TPCODL materials have been used in the said construction work.
 - (b) The completed works confirm to approved specification standard sanctioned estimate and other conditions spelt out in this letter.
18. You are requested to arrange for inspection of the 250 KVA, 11/4 KV S/S, 11KV line, 11KV intermediate pole with the other accessories by the Superintending Engineer-cum- Electrical Inspector, Khordha Govt. of Odisha, at your own arrangement after depositing necessary fees and submit the inspection report before charging the installation.
19. You are requested to please deposit 6% supervision charges, 18% GST on 6% & 1% Cess charges in shape of Bank Draft (Separately) to drawn in favour of "TPCODL, KED, KHURDA" payable at Khurda. Further you are requested to deposit the GSTN certificate to this office at the time of deposit of GST amount.
20. You have to install the suitable capacitor bank of desired rating as per Relevant Indian Standard to improve power factor.
21. There should be direct approaching road to the Sub-station & metering point.
22. After charging all the consumers on this transformer have to abide by all the rules and regulation of TPCODL from time to time as per OERC distribution (conditions of supply) code – 2004 & Electricity act 2003.
23. On the event of detection of any wrong / unauthentic documents and facts relating to this work, the accorded permission shall be cancelled forthwith by this Office.
24. The sub-station shall be provided with 5 Nos. of earthing, spreading of metal and sand, boundary wall with fixing of MS Grill Gate etc. having locking arrangement within premises of party.
25. The land on which the Sub-station stand you should handover to TPCODL for avoiding any complicacy in future. The annual rent for the said land has to be paid by the party.
26. The transformer should be taken over by TPCODL only after completion of the guarantee period i.e. **02 Years** from the date of charging.
27. Once lines and Sub-station are handed over to TPCODL, TPCODL can provide power supply to any consumer from this transformer at its own discretion
28. The line and Sub-station will be charged only after availing of 50% of total load.
29. The proposed newly installed S/S shall not be taken over from the builder until & unless 50% individual loads availed otherwise the same will be maintained by the applicant.
30. In case of below 50% beneficiaries; the proportionate transformer loss unit shall be served to common load of consumer.
31. You shall have to produce a clear and valid NOC from BDA / concerned Revenue Department / local Sarapanch and equivalent concerned authority Govt. of Odisha as applicable before energisation.

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32. You are requested to procure a suitable range of DT meter with all accessories as per the specification of Executive Engineer (Elect.) MRT Division Khordha before energization, to install in the sub-station DP Structure for energy audit and with billing of common load after deducting of total individual unit from the DT meter. You have to contact Executive Engineer (Elect.) MRT Division Khordha before procurement of the above meter.

Any other conditions you have to comply will be intimated to you in due course.

Yours faithfully,

Encl:-As above.

Asst. General Manager (Elect.)
K.E.D. Khordha.

No 4159 //Date 31.08.20

Copy submitted to the Superintending Engineer (Elect.) Electrical Circle No-II, TPCODL, BBSR for favour of kind information and necessary action with reference to his letter No. - 836⁽²⁾, dt-28.08.2020.

Asst. General Manager (Elect.)

No 4160 //Date 31.08.20

Copy to S.D.O.(Elect.) TPCODL, Jatni / J.M.(Elect.) No.-II Jatni for information and necessary action. They are requested for day to day supervision of works and also submit the completion certificate after completion of the construction work.

Asst. General Manager (Elect.)

No 4161 //Date 31.08.20

Copy to A.M.F. (Revenue) of this Division for information and necessary action.

Asst. General Manager (Elect.)

No 4162 //Date 31.08.20

Copy to Executive Engineer (Elect.) MRT Division, TPCODL, At- TLC Colony, Khordha for information and necessary action.

Asst. General Manager (Elect.)

No 4163 //Date 31.08.20

Copy to Executive Engineer (Elect.) E & MR, Division, TPCODL, At- TLC Colony, Khordha for information and necessary action.

Asst. General Manager (Elect.)

TPCODL

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Office of the Executive Engineer, Elec
Khordha Electrical Division, Khordha

Letter No./SE.II/Tech /..... 2020(2)

Date..... 28/8/20

To
The Asst. General Manager (Elect.)
Khordha Electrical Division, Khordha

Sub:- Permission to Administrative Approval for one No. of sanctioned estimate for construction of 11KV line with installation of S/S towards power-supply the proposed 100KW individual load for residential apartment of M/s Neelachal Builders Pvt Ltd. ,C/O- Sri Satya Priya Jayasingh (M.D.) at Bikashnagar ,Jatni ,Khata No.-147/210 plot No 1\495/588 & 541/587 Mouza- Badanuagao ,Dist- Khordha under electrical section No.II,Jatni on Deposit work (6% Supervision Charges).

Ref.:- Your Lr. No. 3992 dtd. 27.08. 20 .
Sir,

With reference to the subject cited above, the estimate technically sanctioned and submitted for construction of 11KV line with installation of S/S towards power-supply the proposed 100KW individual load for residential apartment of M/s Neelachal Builders Pvt Ltd. ,C/O- Sri Satya Priya Jayasingh (M.D.) at Bikashnagar ,Jatni ,Khata No.-147/210 plot No- 1\495/588 & 541/587 Mouza- Badanuagao ,Dist- Khordha under electrical section No.II,Jatni on Deposit work (6% Supervision Charges) is hereby administratively approved by the undersigned and returned herewith to execute the works by the party subject to the following terms and condition.

Sl	Name of Work	Scope of Work	Sanctioned Esstt. No.	Amount (Rs.)
1	Estimate for construction of 11KV line with installation of S/S towards power-supply the proposed 100KW individual load for residential apartment of M/s Neelachal Builders Pvt Ltd. ,C/O- Sri Satya Priya Jayasingh (M.D.) at Bikashnagar ,Jatni ,Khata No.- 147/210 plot No-1\495/588 & 541/587 Mouza- Badanuagao ,Dist- Khordha under electrical section No.II,Jatni on Deposit work (6% Supervision Charges).	1) Construction of 11KV 3ph3w using 55mm ² Insulated conductor-0.05Km (1 No span) 2) Erection of 11KV intermediate pole at tapping point using 13mtr long 150x150mm RS Joist pole-1 No. 3) Installtion of 250KVA 11/4KV plinth mounted S/S -1 No using 10mtr long 100x116mm RS joist pole . (All the scope of works are to be executed by party and maintained by TPCODL)	KED/ DEP(6%)/ 192/2020-21	Rs.769207.00 (G) Rs.43540.00 (6%) Rs. 7692.00 (1% Cess) Rs.7838.00(18% GST)

Terms & Conditions

- In compliance to the letter No.33572 (25) dtd.13.12.13 of Chief Operating Officer, CESU, you will have to submit the "Test Certificate" & "Type Test" report of the materials to be utilized in the site to be followed by the inspection of materials as per the specification mentioned in the estimate by the "Inspecting Officer" prior to deposit of 6% supervision charges & execution of the work. Non-compliance of the above may lead to cancellation of this permission without giving any reason thereof.
- The quality of materials should be inspected & approved by our departmental officer. Besides that, before dispatch of the transformer from the factory, it should be tested by our E&MR Division & they should certify that, the transformer is Three Star Rated as per Circular No. 39455 (25) dtd. 18.08.2010 of C.O.O, CESU which should be arranged by party.
- All the scope of works shall be executed by the party & handed over to TPCODL after due inspection by the Electrical Inspector Govt. of Odisha for maintenance.
- The Party will have to deposit 6% of capital estimated cost towards supervision of lines and Sub-station & 1% CESS for this work to TPCODL.

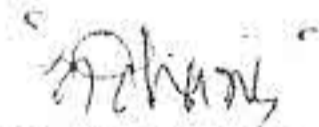
TP CENTRAL DISTRIBUTION ODISHA LIMITED
(A Tata Power & Odisha Govt. Joint venture)

Corporate Office : IDCO TOWERS, (11nd Floor), Janapath, Bhubaneswar - 751 022
OFFICE OF THE SUPERINTENDING ENGINEER, ELECTRICAL CIRCLE NO. II., BHUBANESWAR
☎ : 2354775, 2354863, Fax : 0674 - 2354775

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5. All the works should be executed as per REC standard, through a valid licensed H.T Electrical Contractor.
6. The vendor selected to execute the work should be approved by the Supply Engineer.
7. The power-supply shall be effected at 11KV with suitable metering at LT
8. Detection of any use of TPCODL materials shall bind our Supervising Engineer to the accountability they shall be accordingly prosecuted.
9. Inspection of completed line & Sub-station should be inspected by the Electrical Inspector, Govt. of Odisha before charging and is the responsibility of the party.
10. All other techno – commercial precaution as required may be imposed at your end.
11. The party shall deposit processing fees, if not deposited.
12. The safety aspects of the system at the time of work execution shall be strictly observed.
13. The right of way problem, if arises is the sole responsibility of the party.
14. The Sub-Station shall be provided with 5 Nos. of earthing, spreading of metal and sand, boundary wall with fixing of MS Grill gate etc. having locking arrangement within premises of party.
15. L.T bushings of the transformer shall be protected by provision of cable-end-termination box having sealing arrangement, which shall be sealed by Supply Engineer of TPCODL at the time of energisation.
16. The guarding must be provided against the existing 33 KV line / 11KV line / LT line / Telephone line / Road, if any keeping allowable clearance.
17. Anti climbing device is to be provided in the Sub-station.
18. A capacitor bank of suitable capacity is to be installed to ensure drawl of load within the prescribed limit of power factor.
19. The annual rent for land on which the S/S stands has to be paid by the party.
20. Any dispute / legal complicity arising out of damage / accident owing to Sub-station / 11KV lines has to be settled up / compromised at the cost of the party. Further, any complicity arises in future due to lack of permission from the competent authorities, CESU is not held responsible for this.
21. The party shall have to produce a clear NOC from BDA Govt. of Odisha before energisation.
22. For any dispute arising out of land record in respect of right, title, interest after this approval, the permission shall be treated automatically cancelled during the period of dispute.
23. As per OERC Regulation in case of LT metering; the transformer loss unit (Proportionate) will be added to actual monthly consumption.
24. The Guidelines are to be observed as per the CESU Hqtrs. Office Ltr. No.28993 dtd. 07.10.2005 and office order No.17855 dtd. 28.05.2011, the necessary drawing may be approved by Supply Engineer before execution of the work.
25. The detail permission to the party may be issued at your end observing all TPCODL norms. The line & S/S may be charged after completion of works and due inspection by the Electrical Inspector Govt. of Odisha, subject to observing all the departmental formalities of CESU under intimation to this office.

Yours Faithfully



GENERAL MANAGER (ELECT)
Electrical Circle No.-II, BBSR

Encl: as above

C.C. to.

Chief(O&S), TPCODL, Bhubaneswar for favour of kind information .

TP CENTRAL DISTRIBUTION ODISHA LIMITED
(A Tata Power & Odisha Govt. Joint venture)

Corporate Office : IDCO TOWERS, (IInd Floor), Janapath, Bhubaneswar – 751 022
OFFICE OF THE SUPERINTENDING ENGINEER, ELECTRICAL CIRCLE NO. II., BHUBANESWAR
☎ : 2354775, 2354863, Fax : 0674 – 2354775

Reference to P.W.D Code
Chapter VII Sec.7 etc.

ODISHA PROVINCE

DIVISION: - Khordha Divisional, Khordha

STATION: - Khordha

NAME OF WORK: - Estimate for construction of 11KV line with installation of sub-station towards power supply to 100 KW individual load for Residential Apartment of M/S Neelachal Builders Pvt. Ltd., C/o- Sri Satya Priya Jayasingh (M.D.), At- Bikashnagar, Jatni, Khata No.- 147/210, Plot No.- 495/588 & 541/587 Mouza- Badanuagao, Dist- Khordha, under Electrical Section No.-II Jatni

- SCOPE OF WORK:-
- 1) Construction of 11KV line 3Φ 3w using 55mm² Insulated Conductor - 0.05Km (1No. Span)
 - 2) Erection of 11KV intermediate pole at tapping point using 13Mtr long 150x150mm R.S. Joist pole – 1No.
 - 3) Installation of 250 KVA, 11/4 KV plinth mounted S/S - 1No. using 10mtr long 100x116mm R.S. Joist pole.
- (All the above works are to be executed by party & maintained by TPCODL)

FUNDS:

DEPARTMENT HEAD: Deposit Work on 6% Supervision Charges

SERVICE HEAD:

MAIN HEAD OF CLASSIFICATION:

SUB-HEAD OF CLASSIFICATION:

ARM OF THE SERVICE:

ESTIMATE NO- 2020-21/S/034/ 192

Amount Rs. 7,69,207.00

(Rupees Seven Lakhs Sixty Nine Thousand Two Hundred Seven) only.

Est. No. 192 of 2020
Technically Sanctioned
Rs. 76,92,070 Rupees
6% Cap. Scheme

*Seven Lakhs Sixty
Thousand Two Hundred
Seven only /-*

Administratively Approved
For Rs. 76,92,070 (6%)
N. 76,92,070 (1%) against
the Sanctioned Estimate No.
of Ex. Engr. (Elect.)
under Deposit 6% Scheme.

D. K. Mohanti
Superintending Engineer
Electrical Circle No-II
TPCODL, Bhubaneswar

h
Asst. General Manager (Elect.)
K.E.D. Khordha

TPCODL

OFFICE OF THE EXECUTIVE ENGINEER (ELECT.)
KHORDHA ELECTRICAL DIVISION: KHORDHA

No.-TPCODL/KED/Tech./ 3992

Date 27/8/20

To

The Superintending Engineer (Elect.)
Electrical Circle No- II, TPCODL, Bhubaneswar.

Sub:- Submission of feasibility report and estimate for construction of 11KV line with installation of sub-station towards power supply to **100 KW individual load** for Residential Apartment of M/S Neelachal Builders Pvt. Ltd., C/o- Sri Satya Priya Jayasingh (M.D.), At- Bikashnagar, Jatni, Khata No.- 147/210, Plot No.- 495/588 & 541/587, Mouza- Badanuagao, Dist- Khordha, under Electrical Section No.-II Jatni.


Sir,

With reference to the subject cited above it is to intimate you that M/S Neelachal Builders Pvt. Ltd., C/o- Sri Satya Priya Jayasingh (M.D.) has applied to avail **100 KW individual load** for Residential Apartment, At- Bikashnagar, Jatni, Dist- Khordha under Electrical Section No.-II Jatni.

Power supply will be effected after construction of 11KV line – 0.05Km, erection of 11Kv intermediate pole – 1No and installation of 250KVA, 11/4KV plinth mounted S/S – 1No. under deposit scheme on 6% supervision charges. Proposal has been made that all the above works are to be executed by party and maintained by TPCODL.

In this connection I am enclosing here with the estimate and feasibility report for favour of your kind information and necessary action.

Yours faithfully,


Asst. General Manager (Elect.)
K.E.D. Khordha

- Encl:-
1. Processing fee Money Receipt
 2. Form No-II
 3. Feasibility report
 4. Estimate
 5. Land records
 6. V.R. Calculation
 7. Willingness of contractor.
 8. Representation of party.
 9. Single Line Diagram of MRT

TP CENTRAL ODISHA DISTRIBUTION LIMITED

(A Tata Power and Orisha Government Joint Venture)

Corporate Office: DDCO Towers, 2nd Floor, Janpath, Bhubaneswar - 751022.

www.tpcentraiodisha.com

TPCODL

Reference to P.W.D Code
Chapter VII Sec.7 etc.

ODISHA

PROVINCE

DIVISION: - Khordha Divisional, Khordha

STATION: - Khordha

NAME OF WORK: - Estimate for construction of 11KV line with installation of sub-station towards power supply to **100 KW individual load** for Residential Apartment of M/S Neelachal Builders Pvt. Ltd., C/o- Sri Satya Priya Jayasingh (M.D.), At- Bikashnagar, Jatni, Khata No.- 147/210, Plot No.- 495/588 & 541/587, Mouza- Badanuagao, Dist- Khordha, under Electrical Section No.-II Jatni.

SCOPE OF WORK:-1) Construction of 11KV line 3Φ 3w using 55mm² Insulated Conductor - 0.05Km. (1No. Span)
2) Erection of 11KV intermediate pole at tapping point using 13Mtr long 150x150mm R.S. Joist pole – 1No.
3) Installation of 250 KVA, 11/4 KV plinth mounted S/S - 1No. using 10mtr long 100x116mm R.S. Joist pole.
(All the above works are to be executed by party & maintained by TPCODL)

FUNDS:

DEPARTMENT HEAD: **Deposit Work on 6% Supervision Charges**

SERVICE HEAD:

MAIN HEAD OF CLASSIFICATION:

SUB-HEAD OF CLASSIFICATION:

ARM OF THE SERVICE:


ESTIMATE NO- 2020-21/S/034/ 192

Amount Rs. 7,69,207.00

(Rupees Seven Lakhs Sixty Nine Thousand Two Hundred Seven) only.

Est. No. 192 of 2020-21
Technically Sanctioned
769207.00 Rupees
6% Cap. Scheme

Seven Lakhs Sixty Nine
Thousand Two Hundred Seven
Seven only


Asst. General Manager (Elect.)
K.E.D. Khordha

TP CENTRAL ODISHA DISTRIBUTION LIMITED

Name of work:- Estimate for construction of 11KV line with installation of S/S towards power supply to 100KW individual load for Residential Apartment of M/S Neelachal Builders Pvt. Ltd., C/o- Sri Satya Priya Jaysingh (M.D.), At- Bikashnagar, Jatni, Khata No.- 147/210, Plot No.- 495/588 & 541/587, Mouza- Badanuagaon, Dist- Khordha.

Division:- K.E.D KHORDHA
Sub-division:- Jatni
Section:- Jatni-II

Scope of work:- (I) Construction of 11KV line 3Φ 3w using 55mm² Insulated Conductor - 0.05Km. (1No. Span)
(II) Erection of 11KV intermediate pole at tapping point using 13Mtr long 150x150mm R.S. Joist pole - 1No.
(III) Installation of 250 KVA, 11/0.4 KV plinth mounted S/S - 1No. using 10mtr long 100x116mm R.S. Joist pole.
(All the above works are to be executed by party & maintained by TPCODL)

Estimate No:-2020-21/S/034/ 192

Amount:- Rs.7,69,207.00

Scheme:- Deposit Work on 6% Supervision Charges

Part-A

Sl. No.	Description of Materials	Unit	Qty	Rate	Amount
1	13Mtr long 150x150mm R.S. Joist pole	No/Kg	1/450	65.00	29250.00
2	10Mtr long 100x116mm R.S. Joist pole	No/Kg	2/469	65.00	30485.00
3	250KVA, 11/0.4KV (AL) Transformer BIS Energy Level-II	No	1	268450.00	268450.00
	Total cost of materials (as per 18-19 cost data)				328185.00
	Stock and Storage @ 3%-				9845.55
				Total	338030.55
	T and P charges @ 2%				
	Contingency @ 3%				
	Transportation @ 7.5%				
	Erection @ 5%				
				Sub-Total	397185.90
	Other overheads (including supervision charges) @ 6%-				23831.00
				Grand Total	421016.90

Or Say Rs. 421017.00

GST @ 18% on 6% 4290.00

1% Cess 4210.00

Part-B1

(I) Construction of 11KV line 3Φ 3w using 55mm² Insulated Conductor - 0.05Km. (1No. Span)
(II) Erection of 11KV intermediate pole at tapping point using 13Mtr long 150x150mm R.S. Joist pole - 1No.

Sl. No.	Description of Materials	Unit	Qty	Rate	Amount
1	55mm ² Insulated Conductor	KM	0.15	48072.75	7210.91
2	100x50x6mm MS Channel for straight cross arm	Kg	30	65.00	1950.00
3	11 KV V cross Arm (10.2 K.g. each)	No.	1	810.00	810.00
4	Top bracket 75x40mm MS channel (1.3kg each)	No.	1	100.00	100.00
5	Back Clamp for V cross Arm 1.70Kg each	Pair	1	80.00	80.00
6	11KV Pin insulator	No	5	80.00	400.00
7	11KV GI pin	No	5	80.00	400.00
8	11KV Disc insulator (70KN) (B&S)	No	12	390.00	4680.00
9	11KV H/W fitting	Set	6	350.00	2100.00
10	HT Stay set complete	No	1	1050.00	1050.00
11	HT Stay Insulator	No	1	50.00	50.00
12	HT Stay Clamp (1.95 Kg. / Pair)	Pair	1	125.00	125.00
13	7/10 SWG Stay wire	Kg	10	75.00	750.00

No.	Description of Materials	Unit	Qty	Rate	Amount
14	Fixing of stay set with 0.5Cum Cement concrete foundation 1:3:6 size (900mmx600mmx900mm) using 40mm BHG Metal with all labour and materials except stay set, stay wire and stay insulator.	No	1	2315.15	2315.15
15	Concreting of support C.C - 1:4:8 using 40mm BHG metal size - 5'x2'x2' = 20CFT = 0.570Cum Padding 900x600x150mm = 0.081 0.651Cum @ 3071.25= 1999.38each	No.	1	2639.18	2639.18
16	Couping of support section 15"x15" (3.9Cft) height 2'-6" (1' - 6" above G.L & 1' - 0" below G.L) in C.C 1:2:4 using 12mm BHG metal & curing for 5 days	Nos	1	676.37	676.37
17	Earthing for support (Coil type)	No	1	166.00	166.00
18	GI Barbed wire anti climbing device 2Kg per support	Kg	2	80.00	160.00
19	Red Oxide Paint	Ltr.	1	150.00	150.00
20	Aluminium Paint	Ltr.	1	200.00	200.00
21	Black Paint	Ltr.	0.5	220.00	110.00
22	MS Nut , Bolt & Washer of different sizes	Kg	5	71.00	355.00
23	Sundries for survey tree cutting, small size nut bolt, Al. Binding wire / tape & Danger Board 4 Nos. etc.	LS			1000.00
Total cost of materials (as per 18-19 cost data)					27477.61

Part-C2

(III) Installation of 250 KVA, 11/4 KV plinth mounted S/S - 1No. using 10mtr long 100x116mm R.S. Joist pole.

Sl. No.	Description of Materials	Unit	Qty	Rate	Amount
1	100x50x6mm MS Channel	Kg	52	65.00	3380.00
2	75x40x6mm MS Channel	Kg	130	65.00	8450.00
3	50x50x6mm MS Angle	Kg	91	65.00	5915.00
4	11KV AB Switch 3 Pole (400 Amp)	Set	1	11850.00	11850.00
5	11KV HG Fuse 3 Pole (400 Amp)	No.	1	6120.00	6120.00
6	11 KV L.A. 12KV-10KA	No.	3	3550.00	10650.00
7	H.T. stay set (Complete)	Set	2	700.00	1400.00
8	H.T. Stay Insulator	No.	2	40.00	80.00
9	H.T. Stay clamp (1.95 K.g./ Pair)	Pair	2	146.25	292.50
10	7/10 SWG Stay Wire	K.g.	20	75.00	1500.00
11	GI Pipe Earthing 40 Dia Medium gage 3 mtrs. Long	No.	5	1050.00	5250.00
12	40x6mm GI Flat for nutral	K.g.	100	75.00	7500.00
13	Fixing and concreting of stay set with 0.5Cum cement concret foundation 1:3:6 size (900mmx600mmx900mm) using 40mm BHG metal with all labour and material except stay set , stay wire , stay insulator .	No.	2	2315.15	4630.30
14	Concreting of support C.C - 1:4:8 using 40mm BHG metal size - 5'x2'x2' = 20CFT = 0.570Cum Padding 900x600x150mm = 0.081 0.651Cum @ 3071.25= 1999.38each	No.	2	2639.18	5278.36
15	Couping of support section 15"x15" (3.9Cft) height 2'-6" (1' - 6" above G.L & 1' - 0" below G.L) in C.C 1:2:4 using 12mm BHG metal & curing for 5 days	Nos	2	676.37	1352.74
16	Materials for Massionary work for Earth Pit,Charcoal, Salt etc including construction of earthing chamber (Size: 2"x2") and RCC slab cover	No.	5	2270.27	11351.35

No.	Description of Materials	Unit	Qty	Rate	Amount
17	mm ² AAAC	Km	0.04	30000.00	1200.00
18	Red Oxide paint	Ltr	3	150.00	450.00
19	All. Paint	Ltr	4	200.00	800.00
20	Black Paint	Ltr	0.5	220.00	110.00
21	MS Nut , Bolt & Washer	K.g.	36	71.00	2556.00
22	L.T. Distribution box including Kit Kat fuse with MCCB for 250KVA S/S (As pre CESU specification)	No.	1	48000.00	48000.00
23	3 1/2 x 300mm ² PVC Cable for 250 KVA TFR.	Mtr.	25	994.00	24850.00
24	Plinth for TFR 6ft hight (below GL2ft)x5ftx5ft	No	1	15840.00	15840.00
25	Barbed Fencing (size 15'x15')with constn. of retaining wall ,erection of RCC fencing post, Sand filling and metal spreading, Fixing of Iron gril gate etc as per CESU specification	No	1	48510.00	48510.00
26	Sundries for survey , PVC tape, Ampire tape, Danger Board, small size nut & Bolt preparation of drawing cable socket etc	LS	1	5544.00	5544.00
Total cost of materials (as per 18-19 cost data)					232860.25
Total of Part-B (Part-B1+Part-B2)					260337.86
Stock and Storage @ 3%-					7810.14
Total					268148.00
T and P charges @ 2%					22.50%
Contingency @ 3%					
Transportation @ 7.5%					
Erection @ 10%					
Sub-Total					328481.30
Other overheads (including supervision charges) @ 6%-					19709.00
Grand Total					348190.30

Or Say Rs. 348190.00
GST @ 18% on 6% 3548.00 ✓
1% Cess 3482.00 ✓

Allocation				
	Gross Amount	6% Amount	18% GST	1% Cess
Part-A	421017.00	23831.00	4290.00	4210.00
Part-B	348190.00	19709.00	3548.00	3482.00
Total Estimated Amount (Part-A+B)	769207.00	43540.00	7838.00	7692.00

Asst. General Manager (Elect.)
K.E.D. Khordha

TPCODL


Technical Report:-

This estimate amounting to Rs.7,69,207.00 (Rupees Seven Lakhs Sixty Nine Thousand Two Hundred Seven) only has been prepared for construction of 11KV line with installation of sub-station towards power supply to **100 KW individual load** for Residential Apartment of M/S Neelachal Builders Pvt. Ltd., C/o- Sri Satya Priya Jayasingh (M.D.), At- Bikashnagar, Jatni, Khata No.- 147/210, Plot No.- 495/588 & 541/587, Mouza- Badanuagao, Dist- Khordha, under Electrical Section No.-II Jatni.

Provision has been made for 1) Construction of 11KV line 3 Φ 3w using 55mm² Insulated Conductor - 0.05Km. (1No. Span), 2) Erection of 11KV intermediate pole at tapping point using 13Mtr long 150x150mm R.S. Joist pole - 1No. and 3) Installation of 250 KVA, 11/4 KV plinth mounted S/S - 1No. using 10mtr long 100x116mm R.S. Joist pole under deposit scheme on 6% supervision charges. Proposal has been made that all the above works are to be executed by party and maintained by TPCODL.

Power supply shall be fed from 12.5 MVA 33/11 KV Sub-station Jatni Structure. Connected load on the Sub-station is 6737KVA. Evening peak load current is 145A at L.V. side. Distance from 33/11KV Sub-station to proposed load is 4KM. The proposed 11KV line to be tapped from 11KV Rural Feeder. Size of conductor of 11KV feeder is 80/55/34mm² AAAC. V.R. at the proposed point is 8.61%.

The work will be taken up by party after obtaining approval from Superintending Engineer (Elect.) Electrical Circle No.-II, TPCODL, BBSR and issue detail permission from this end.


Asst. General Manager (Elect.)
K.E.D. Khordha

TPCODL

TP CENTRAL ODISHA DISTRIBUTION LIMITED

(A Tata Power and Odisha Government Joint Venture)

KHORDHA ELECTRICAL DIVISION, KHORDHA

TLC ROAD, KHORDHA ODISHA-752055

TAX INVOICE

TPCODL-21AAHCT8404D1ZQ	
Invoice No:	186/2020-21
Invoice Date	31.08.2020
Scope of work At-Bikash Nagar Jatni..	1. 250KVA S/S-1No. 2. 11Kv Line-0.05Km
Name of the buyer	M/S Neelachal Builders Pvt Ltd, C/O- Sri Satya Priya Jayasingh(M.D)
Address	At-Bikash Nagar Jatni.
GSTIN of the buyer	
Status of the buyer	Govt. <input type="checkbox"/> Pvt. <input type="checkbox"/> P <input checked="" type="checkbox"/>

SL No-	Particulars	HSN/SA C Code	Total Value	Taxable Value	SGST@9%	CGST@9%	GST	Total Invoice Value
1	6% supervision charges	995461	51378.00	43540.00	3919.00	3919.00	7838.00	51378.00
Total Taxable Value								43540.00
Total Invoice Value/or Say								51378.00
Amount of Tax								7838.00
Or Say								
Amount in words:			Seven Thousand Eight Hundred Thirty Eight Only.					
Declaration:- I hereby solemnly affirm and declare that the information given herein above is true and correct to the best of my knowledge.								

Asst Manager (Finance)
CESU, KED, Khordha.

Asst. General Manager (Elect.)
CESU, K.E.D, Khordha.