

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO.LTD. WASHIM
O & M DIVISION WASHIM
Summary Report

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|----------------------------------|---|
| 1 Name of Estimate | Estimate for 1 Nos 3 Phase Industrial Connection R/O, M/s Nanaji Former Producer Company LTD, At. Hivra Rohilla, Ta.washim Dist.Washim Under D/C- Rithad of Risod S/Dn. |
| 2 Provision | :- HT Line :-0.240KM LT line:- 0.042KM |
| 3 Amount in Rs. | :- 632261.42 |
| 4 Supports | :- For 11 KV Line PSC Pole 9 Mtr (200 KG) For LT Line PSC Pole 8 Mtr long |
| 5 Conductor | :- AAAC 55 sq.mm. for 11 KV Line Double Run laying of LT Line 3.5 C 120 Sq.mm XLPE Under UG. |
| 6 Transformer | :- 100 KVA |
| 7 a) Existing Load on T/F | :- NIL |
| c) Proposed Load | :- |
| 8 Total Load on T/F | :- |
| 9 Scheme | :- 1.3% DDF Scheme 2022-2023 |
| 10 Voltage Regulation | :- Within limit |
| 11 Sanctioning Authority | :- The Executive Engineer O&M Division, Washim |
| 12 Remarks | :- Recommended for Sanction. |

Prepared by,

Assistant Engineer,
Estimate, M.S.E.D.C.Ltd,
Rithad, Risod Sub-Division

Audited by,

Recommended / Checked by,

Dy.Executive Engineer,
M.S.E.D.C.Ltd,
Risod Sub-Division

Approved by,

Executive Engineer,
M.S.E.D.C.Ltd,
Washim Division

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO.LTD. WASHIM

O& M DIVISION WASHIM

Abstract of Estimate

Estimate for 1 Nos 3 Phase Industrial Connection R/O, M/s Nanaji Former Producer Company LTD, At. Hivra Rohila, Ta.washim Dist.Washim Under D/C- Rithad of Risod S/Dn.

| Sr. no. | Particulars | Unit | Qty | Amount |
|---------|---|------|-------|-----------|
| 1 | POLE MOUNTED DISTRIBUTION TRANSFORMER 100 KVA, 11/0.433 KV ON 10 mtr RSJ POLE | Nos. | 1 | 191542.10 |
| 2 | Cost data for 11 KV Single circuit Pin type with 55 sq.mm AAAC lines on 9 mtr PSC poles | Kms | 0.24 | 85396.76 |
| 3 | Cost data for Double Run laying of LT Line 3.5 C 120 Sq.mm XLPE Under Ground Cable | Kms | 0.042 | 267130.28 |
| 4 | Three Phase Service Connection for Load | Nos. | 1 | 5723.4 |
| A | Cost of Material | | | 549792.54 |
| B | Centeges (15%) | | | 82468.88 |
| C | Total (A +B) | | | 632261.42 |
| D | Grand Total (C) | | | 632261.42 |
| E | 1.3% Supervision Charges | | | 8219.40 |
| F | GST 18 % | | | 1479.49 |
| G | Total 1.3% charges with GST | | | 9698.89 |

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Estimate, M.S.E.D.C. Ltd,
Rithad, Risod Sub-Division

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Risod Sub-Division

Approved by,

Executive Engineer,
M.S.E.D.C. Ltd,
Washim Division

Item Code No. 1203

Estimate for 1 Nos 3 Phase Industrial Connection R/O, M/s Nanaji Former Producer Company LTD, At. Hwra
Rohila, Ta. washim Dist. Washim Under D/C- Rithad of Risod S/Dn.

POLE MOUNTED DISTRIBUTION TRANSFORMER 100KVA, 11/0.433 KV ON 10 mtr RSJ POLE

| S.N. | Description of Material | Unit | QTY | RT/U.Rs. | Amt Rs. |
|------|--|------|-----|----------|----------|
| 1 | Dist. Transformer 100 KVA, 11/0.43 kv | No. | 1 | 112770 | 112770 |
| 2 | RSJ 116x100, 10 m long | No | 2 | 10283 | 20566 |
| 3 | MS Channel 100x50x6 mm | Kg. | 100 | 51.8 | 5180 |
| 4 | M.S.Channel 75x40x6 mm | kg. | 44 | 51.8 | 2279.2 |
| 5 | MS angle 50x50x6 mm | kg. | 22 | 51.8 | 1139.6 |
| 6 | M.S.Flat 50 x 6 mm | kg. | 24 | 48.5 | 1164 |
| 7 | 11 kV Pin Insulators with G.I. Pins | NO. | 3 | 135 | 405 |
| 8 | Disc Insulator 11 KV 70 KN | NO. | 3 | 344 | 1032 |
| 9 | Strain Hardware for Dog0.1 or Equ.AAAC. | No. | 3 | 322 | 966 |
| 10 | L.T.Dist.Boxes 100 KVA with MCCB | No. | 1 | 12822 | 12822 |
| 11 | L.As. 11 KV (Gapless type) with disconnector | Set. | 1 | 1268 | 1268 |
| 12 | H.T.Stay Set | No | 4 | 598 | 2392 |
| 13 | G.I.Stay Wire 7/4mm(8 SWG) | kg. | 25 | 57.45 | 1436.25 |
| 14 | Earthing Sets H.T | No. | 3 | 342 | 1026 |
| 15 | 11KV H.G.Fuses | Set. | 1 | 1964 | 1964 |
| 16 | 11KV A.B. Switch, 400 A | No. | 1 | 9240 | 9240 |
| 17 | Danger Board in yard. | No. | 2 | 50 | 100 |
| 18 | G.I.Wire 8 SWG/ 6 SWG | Kg. | 25 | 57.4 | 1435 |
| 19 | G.I.Barbed Wire 'A' type. | kg. | 15 | 64.27 | 964.05 |
| 20 | Concreting ration 1:3:6 | CMT. | 2 | 3027 | 6054 |
| 21 | Painting/Hardware & support with numbering of pole | L.S. | 1 | 225 | 225 |
| 22 | Sundries | L.S. | 1 | 810 | 810 |
| 23 | L.T. XLPE Armoured 3.5 Core cable (120 sq.mm) | No. | 8 | 329 | 2632 |
| 24 | L.T. XLPE Armoured 3.5 Core cable (70 sq.mm) | No. | 18 | 204 | 3672 |
| | Cost of material | | | | 191542.1 |

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