**ORDER NO:140 DT: 05.12.2013**

**TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED**

 OFFICE OF THE SUPERINTENDING ENGINEER,

 APTRANSCO: TL&SS:KADAPA.

Memo.No.SE/TL&SS/KDP/ ADE-T / AE-T1 / F.40 / D.No. /13, Dt. -11-13.

SUB: APTRANSCO – Kadapa Zone, Kadapa – “1No.Aged/obsolete 33KV BHEL make

 VCB for 10/16MVA PTR-I LV side at 132KVSS Pulivendula under RMI scheme -

 Revalidation of estimate for the year 2013-14 – Revised Estimate – Sanction accorded

 – Regarding.

Ref : 1) Memo.No. SE/TL&SS/KDP/ADE.T/AE.T1/F.40/D.No. 1659/12, Dt. 17-05-2012.

 2) Lr.No.DE/TL&SS/YTL/F No./D.No.1181/13,Dt.30-10-13.

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 In the ref 1st cited, an estimate for an amount of Rs.1,69,462/- was sanctioned by the undersigned for carrying out the work of “1No. aged/obsolete 33KV BHEL make VCB for 10/16MVA PTR-I LV side at 132KVSS Pulivendula under RMI scheme”. In the ref 2nd cited, the Divisional Engineer / TL & SS / Yerraguntla requested to revise and revalidate the sanctioned estimate No.29/12-13 of Superintending Engineer/TL&SS/Kadapa for the financial year 2013-14 for carrying out the subject work at 132KVSS, Pulivendula due to non availability of LV breaker at TLC stores,Kadapa during the financial year 2012-13 and the breaker was drawn from the stores on 20.11.2013 for early commissioning of the same.”

 Therefore, Under the circumstances explained by the Divisional Engineer / TL & SS / Yerraguntla and in exercise of powers delegated vide T.O.O. CE(Transmission) Ms No. 229, Dt. 18-09-2010 enhancement of delegation of powers, the estimate sanctioned by the undersigned for carrying out the subject work is revalidated during the financial year 2013-14 as per New SSR 2013-14 for an amount of Rs.1,99,700/- .

 The Revised Estimate is technically sanctioned and registered as RMI No. 59 /2013-14 of Superintending Engineer / TL&SS/Kadapa and the expenditure may be chargeable to A/C. No. 14.500 towards RMI works of 132KVSS, Pulivendula in TL & SS Division, Yerraguntla for the year 2013-14.

Encl: Revised Estimate. SUPERINTENDING ENGINEER,

 TL & SS CIRCLE :: KADAPA.

To

The Divisional Engineer/TL & SS/Yerraguntla.

The Asst. Divisional Engineer /M/220 KV SS/ Pulivendula.

# Along with estimate Encl: One estimate

Copy to the Accounts Officer/TL & SS Circle/Kadapa.

Copy submitted to the Chief Engineer/Kadapa Zone/Kadapa.

REPORT TO ACCOMPANY THE ESTIMATE

NAME OF THE ESTIMATE: Estimate involves replacement work of one No. aged/obsolete 33 KV BHEL make VCB for 10/16MVA PTR-I LV side at 132 KV SS Pulivendula under RMI scheme.

ESTIMATE IN BRIEF: It is informed that the 132 KV SS Pulivendula which is one of the oldest sub-station charged in the year 1986 and the 33 KV BHEL VCB of VN36-3AF (Kiosk) type for 10/16MVA PTR-I LV side is charged on 03-02-1987 and served more than 25 years. In recent days some mechanical problems is observed inside the breaker and temporary arrangements have been made to rectify the problem. The parts of the breaker are obsolete and are not available in the market. The shift staff experiences very difficulty while closing/opening of the breaker. The spring charge mechanism is not working properly due to aging. Further it is to inform that the estimate is already sanction vide memo.No.SE/TL& SS /Kdp/ADE-T/AE-T1/F.40/D.No.1659/12,Dt. 17-05-1.The APTRANSCO hasn’t procured the breaker under RMI scheme during the financial year 2012-13. The breaker was drawn from the TLC Stores,Kadapa on 20.11.2013. Hence it is here proposed for replacement of the above breaker with new one for smooth operation of the system.

DETAILS OF THE 33KV BREAKER PROPOSED TO BE REPLACEMENT

Make: BHEL (VCB)

Type: VN 36-3AF

S.No.: 9031466

Year: 1986

D.O.C: 03-02-1987

 This estimate involves replacement work of the above noted one No. aged/obsolete 33 KV BHEL make VCB for 10/16MVA PTR-I LV side at 132 KV SS Pulivendula under RMI scheme for complete item of work i.e. which includes cost of the breaker, cost of loading and unloading, dismantling and erection charges. The estimate was prepared based SSR 2013-14 and the rates quoted in the estimate were within limits. The cost of the estimate was works out to be Rs. 1,99,700.00(Rupees One lakh ninety nine thousand and seven hundred only) and the expenditure is chargeable to O&M works of 132 KV SS Pulivendula.

CONCLUSION: The estimate is now sanctioned.

DETAILED ESTIMATE

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.No. | Description | Quantity | Rate Per | Material | Labour  | Total  |
| 1 | 33KV VCB(As per ERP rate) | 01 No. | 192578.64 | 192578.64 |  | 192578.64 |
| 2 | Labour charges as per Data-I | LS | 7332.00 |  | 7332.00 | 7332.00 |
|  | Total |  |  |  |  | 199699.64 |
|  | Or say |  |  |  |  | 199700.00 |

Rs. 1,99,700.00(Rupees One lakh ninety nine thousand and seven hundred only)

 SUPERINTENDING ENGINEER,

 TL & SS CIRCLE :: KADAPA.

DATA-I (COST OF THE LABOUR )

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No. | Description | Qty | Rate/Per | Amount |
| 1 | Labour charges for loading of 33 KV VCB at TLC stores, Kadapa(as per SSR 2013-14 page No. 18) | 1 No. | 852.00 | 852.00 |
| 2 | Labour charges for unloading of 33 KV VCB at 132 KV SS Pulivendula (as per SSR 2013-14 page No. 18) | 1 No. | 852.00 | 852.00 |
| 3 | Crane charges for dismantling of old breaker and erection of new breaker.(as per SSR 2013-14 page No. 20) | 1 No. | 2082.00 | 2082.00 |
|  | 1. For first one hour |  |  |  |
|  | 2. For next three hours | 3 Nos. | 945.00 | 2835.00 |
| 4 | Miscellaneous charges like welding, lathing works for making foundation suitable for current plinths including taxes. | LS | 500.00 | 500.00 |
| 5 | Service Tax@12.36% on (1) and (2) items i.e., on Rs.1704.00 |  |  | 210.61 |
|  | TOTAL Rs. |  |  | 7331.61 |
|  | Or say |  |  | 7332.00 |

(Rupees Seven thousand three hundred and thirty two only)

SUPERINTENDING ENGINEER,

 TL & SS CIRCLE :: KADAPA