|  |  |  |
| --- | --- | --- |
| *Sub* | *:* | *Filtration of transformer oil in different transformers at CHP, Dudhichua.* |
| *Amount* | *:* | *Rs. 2,07,320.00* |
| *Dielectric strength of transformer oil different transformer was measured departmentally with the help of portable transformer oil testing machine. Test result has been enclosed herewith.*  *From the test result it may be concluded that the dielectric strength of the oil samples inside the transformers have gone down significantly. It would be prudent to get the oil filtered so that the reliability of operation of the transformers can be insured during monsoon seasons when dielectric strength falls further due to moisture in the atmosphere.* | | |
| *Specialized tools and trained manpower required for this nature of job are not available departmentally. Therefore it is proposed to get the work done by engaging outside agency through tendering process. An estimate has been prepared and enclosed herewith based upon previous awarded work orders of similar job.*  *The estimate is based upon previously awarded rates vide work order no DCH/DGM (E&M)/WO/33KV/14-15/64 Dated. 09.09.2014. Rates are exclusive of taxes; therefore tax reversal calculations are not required.* | | |
| *Forwarded for competent approval and sanction.* | | |

*In-charge, CHP*

*Dudhichua Project*

*PE (E&M)/DCH*