

**Government of West Bengal**  
**Irrigation & Waterways Directorate**  
**Office of the Superintending Engineer**  
**Mechanical & Electrical Circle**  
**Jalasampad Bhawan (6th Floor),**  
**Bidhannagar, Kolkata-700091**

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Memo No : 1611 /1T-6

Date:12.10.2017

## Corrigendum -1

Eol No:- WBIW/SE/MEC/Eol-04/2017-18 (2<sup>nd</sup> Call Electrical Portion)


**Name of Work :** “Supply, Installation, Testing and Commissioning of 33KV/6.6 KV and 33 KV/0.415 KV sub-station complete of both H.T & L.T components in the sub- station & pump house as per enclosed schedule of work, detailed specification for the proposed 2nd Additional Uttarbhag Pumping Station at Uttarbhag, P.O - Brindakhali, P.S - Baruipur, Dist- South 24 Parganas of West Bengal under Irrigation & Waterways Department, Govt. of West Bengal.”

In partial modification of Eol No. WBIW/SE/MEC/Eol-04/2017-18 (2<sup>nd</sup> Call Electrical Portion), the following changes has been made due to unavoidable circumstances. This is for wide circulation.

Sl. No	Change in B.O.Q		Remarks
	In Place Of	To be Read As	
1.	Supply, delivery, storing at site,erection, testing & commissioning of 2 MVA 33KV / 6.6KV, 3 phase, 50HZ Δ/λ, Dyn 11 outdoor ONAN type transformer in IP 55 enclosure with copper windings, OFF load tap changing arrangement in equal steps of 2.5 % per step from + 12.5% to - 7.5%, having HT cable end boxes with cable gland plate suitable for terminating 33KV ,3C x 300 sq.mm XLPE/ ARMD, AL cables for primary side and 6.6 KV, 3C x 300 sq.mm. XLPE/ARMD, AL cables on the secondary side, three channel temperature scanner for continuous monitoring of the windings & oil, with supply of all associated materials and accessories like oil conservator, silica gel breather, mounting channels bolts ,nuts washers, screw, clamps, painting, earthing etc.and confirming to IS 2026 (I to J) and as per specification as laid down in the contract complete in all respect as required at site including construction of required size CC pedestal.With Buchholz relay trip & alarm indicator, pressure release valve indicator and magnetic oil level gauge trip and alarm indicator.	Supply, delivery, storing at site,erection, testing & commissioning of 2 MVA 33KV / 6.6KV, 3 phase, 50HZ Δ/λ, Dyn 11 outdoor ONAN type transformer in IP 55 enclosure with copper windings, OFF load tap changing arrangement in equal steps of 2.5 % per step from + 12.5% to - 7.5%, having HT cable end boxes with cable gland plate suitable for terminating 33KV ,3C x 300 sq.mm XLPE/ ARMD, AL cables for primary side and 6.6 KV, 3C x 300 sq.mm. XLPE/ARMD, AL cables on the secondary side, three channel temperature scanner for continuous monitoring of the windings & oil, with supply of all associated materials and accessories like oil conservator, silica gel breather, mounting channels bolts ,nuts washers, screw, clamps, painting, earthing etc.and confirming to IS 2026 (I to J) & IS-1180(level-2) as applicable and as per specification as laid down in the contract complete in all respect as required at site including construction of required size CC pedestal.With Buchholz relay trip & alarm indicator, pressure release valve indicator and magnetic oil level gauge trip and alarm indicator.	Original sl. No. 2.1 in B.O.Q
2.	Supply, delivery, storing at site,erection, testing & commissioning of 0.5 MVA 33KV / 433V, 3 phase, 50HZ Δ/λ, Dyn 11 outdoor ONAN type transformer in IP 55 enclosure with copper windings, OFF load tap changing arrangement in equal steps of 2.5%	Supply, delivery, storing at site,erection, testing & commissioning of 0.5 MVA 33KV / 433V, 3 phase, 50HZ Δ/λ, Dyn 11 outdoor ONAN type transformer in IP 55 enclosure with copper windings, OFF load tap changing arrangement in equal steps of 2.5% per step from +12.5% to -7.5% having HT cable box	Original sl. No. 2.2 in B.O.Q

	per step from +12.5% to -7.5% having HT cable box and LT cable box with cable gland plate suitable for terminating of 33KV ,3C x 300 sq.mm XLPE/ ARMD, AL cables for primary side and 3 nos. 1.1 KV grade, 3½C x 300 sq.mm. XLPE/ARMD, AL cables on the secondary side, three channel temperature scanner for continuous monitoring of the windings & oil, with supply of all associated materials and accessories like oil conservator, silica gel breather, mounting channels bolts ,nuts washers, screw, clamps, painting, earthing etc.and confirming to IS 2026 (I to J) and as per specification as laid down in the contract including construction of required size CC pedestal. With Buchholz relay trip & alarm indicator, pressure release valve indicator and magnetic oil level gauge trip and alarm indicator.	and LT cable box with cable gland plate suitable for terminating of 33KV ,3C x 300 sq.mm XLPE/ ARMD, AL cables for primary side and 3 nos. 1.1 KV grade, 3½C x 300 sq.mm. XLPE/ARMD, AL cables on the secondary side, three channel temperature scanner for continuous monitoring of the windings & oil, with supply of all associated materials and accessories like oil conservator, silica gel breather, mounting channels bolts ,nuts washers, screw, clamps, painting, earthing etc.and confirming to IS 2026 (I to J) & IS-1180(level-2) as applicable and as per specification as laid down in the contract including construction of required size CC pedestal. With Buchholz relay trip & alarm indicator, pressure release valve indicator and magnetic oil level gauge trip and alarm indicator.	
3.	Supply, delivery, storing at site, erection, testing & commissioning of 1 MVA 33KV / 433V, 3 phase, 50HZ Δ/λ, Dyn 11 outdoor ONAN type transformer in IP 55 enclosure with copper windings, OFF load tap changing arrangement in steps of +12.5 & -7.5 having HT cable boxe and LT cable box with cable gland plate suitable for terminating of 33KV ,3C x 300 sq.mm XLPE/ ARMD, AL cables for primary side and 6 nos. 1.1 KV grade, 3½C x 300 sqmm. XLPE/ARMD, AL cables on the secondary side, three channel temperature scanner for continuous monitoring of the windings & oil, with supply of all associated materials and accessories like oil conservator, silica gel breather, mounting channels bolts ,nuts washers, screw, clamps, painting, earthing etc.and confirming to IS 2026 (I to J) and as per specification as laid down in the contract including construction of required size CC pedestal. With Buchholz relay trip & alarm indicator, pressure release valve indicator and magnetic oil level gauge trip and alarm indicator.	Supply, delivery, storing at site, erection, testing & commissioning of 1 MVA 33KV / 433V, 3 phase, 50HZ Δ/λ, Dyn 11 outdoor ONAN type transformer in IP 55 enclosure with copper windings, OFF load tap changing arrangement in steps of +12.5 & -7.5 having HT cable boxe and LT cable box with cable gland plate suitable for terminating of 33KV ,3C x 300 sq.mm XLPE/ ARMD, AL cables for primary side and 6 nos. 1.1 KV grade, 3½C x 300 sqmm. XLPE/ARMD, AL cables on the secondary side, three channel temperature scanner for continuous monitoring of the windings & oil, with supply of all associated materials and accessories like oil conservator, silica gel breather, mounting channels bolts ,nuts washers, screw, clamps, painting, earthing etc.and confirming to IS 2026 (I to J) & IS-1180(level-2) as applicable and as per specification as laid down in the contract including construction of required size CC pedestal. With Buchholz relay trip & alarm indicator, pressure release valve indicator and magnetic oil level gauge trip and alarm indicator.	Original sl. No. 2.3 in B.O.Q
<b>Change in Acceptable Makes</b>			
4.	BHEL/Kirloskar Electric/Siemens/Raychem RPG/C.G.L	BHEL/Kirloskar Electric/Siemens/Raychem RPG/C.G.L/Energypac/Schneider.	Original sl. No. 2 in Acceptable Makes (Transformer)

Others are remains unaltered.

  
**Superintending Engineer**  
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