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IEEMA Price Variation Calculation Report

Company Name = Systems electronics laboratory
Customer Name = Rajwardhan Singhai
Buyer Name = MADHYA PRADESH POWER TRANSMISSION CO. LTD.
Contract Reference = 04-01//TR-34/2015/33KVCRPCAP BANK/04550-3 DTD. 30-04-2016
Calculation Date = 09-November-2016

inputs by users:

1. ieema pv formula

1. Switchgear and Controlgear up to 36 kV

$$P = \frac{P_0}{100} \left(25 + 17 \frac{IS}{IS_0} + 18 \frac{C}{C_0} + 10 \frac{AI}{AI_0} + 13 \frac{In}{In_0} + 17 \frac{W}{W_0} \right)$$

2. p0= Rs. 80,500.00
3. Date of Tendering (DOT) 14-December-2015
4. Date of Delivery (DOD) 23-September-2016

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Raw material prices used as per above mentioned ieema pv formula

price ref	Raw material	price/index	Uom	Date Considered	Applicable period
FE	Ferrous Metals Wholesale Price Index (Base 2004-2005 = 100)	141.50		01 May 2016	4 Months Prior To DOD
FEo	Ferrous Metals Wholesale Price Index (Base 2004-2005 = 100)	142.50		01 September 2015	3 Months Prior To DOT
C	Electrolytic Copper Wire Bar (Domestic)	355,040.00	MT	01 July 2016	2 Months Prior To DOD
Co	Electrolytic Copper Wire Bar (Domestic)	346,065.00	MT	01 November 2015	1 Month Prior To DOT
AL	Aluminium Busbar Grade equivalent IS 5082-1998	200,800.00	MT	01 July 2016	2 Months Prior To DOD
ALo	Aluminium Busbar Grade equivalent IS 5082-1998	181,800.00	MT	01 November 2015	1 Month Prior To DOT
IN	Phenolic Moulding Powder	86.00	KG	01 July 2016	2 Months Prior To DOD
INo	Phenolic Moulding Powder	83.00	KG	01 November 2015	1 Month Prior To DOT
W	Consumer Price Index	271.00		01 April 2016	5 Months Prior To DOD



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	All India Average (Labour Index)				
Wo	Consumer Price Index	264.00		01 August 2015	4 Months Prior To DOT
	All India Average (Labour Index)				

PV Calculation

$$80500/100*(25+17*(141.5/142.5)+18*(355040/346065)+10*(200800/181800)+13*(86/83)+17*(271/264))$$

Final Value Of P = Rs. 82,362.18

Final Price Variation = Rs. 1,862.18

% Variation = 2.31 %

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Sd/-

Authorised Signatory

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