

TECHNICAL SPECIFICATION PVC WIRES

PE-TS-APL/MEL-558-E003
ssue No: 01
Rev. No. 00
Date : 01 03 25

		UNPRICED SCHEDULE										
r. No.	Item code	Item description	Unit	2X800 MW MEL SINGRAULI (PH- II)	2 X 800 MW APL RAIGARH (PH-II)	2 X 800 MW APL RAIPUR (PH-II)	2X800 MW MTEUPPL MIRZAPUR (PH- I)	TOTAL QTY (MTR)	Freight% (INR)	GST% (INR)	REMARKS	
1.0	558-0160005-00-A	WIRES 1X2.5 MM2 CU PVC (FR TYPE)	Metres	476000	476000	476000	476000	1904000				
2.0	558-0160006-00-A	WIRES 1X4.0 MM2 CU PVC (FR TYPE)	Metres	32800	32800	32800	32800	131200				
								GRAND TOTAL				
	Color wise BOQ description of Wire for each project:											
					WIRES 1X4.0							
				WIRES 1X2.5 MM2 CU PVC (FR TYPE)								
		BLACK	mtrs.	2,14,000	16,400							
		RED	mtrs.	80,000	6,000							
		YELLOW	mtrs.	64,000	5,200							
		BLUE	mtrs.	70,000	5,200							
		WHITE	mtrs.	24,000								
		GREY	mtrs.	24,000								
		Total	mtrs.	4,76,000	32,800							
3.0	Price variation formulae											
3.1		1		-					ļ			
	·	er price variation formulae given below. limited to +20% of the total ex-works price actually supp	lied (wire siz	e wise) and -ve price	variation shall be un	limited. Rates for v	vorking out price vari	ation shall be as pe	r rates published by	IEEMA for the factors giv	ven below as sl. No. 3.3	
3.2	Prices shall be variable as p	er following PVC formulae:										
	P = Po + CuF(Cu-Cuo) + CCF	=										
	Where,											
	P is the as on date price and Po is the base month price											
Cu and PVCC are the copper and insulation prices respectively of the current month.												
	Cuo and PVCCo are the cop	per and insulation prices for the base month.										
	CuF and CCFCu are the mul-	tiplication factors for copper and insulation respectively.										

CuF and CCFCu are the multiplication factors for copper and insulation respectively

CuF and CCFCu shall be as per table below at sl. No. 3.3

3.3 Variation factor value for CuF and CCFCu as applicable shall be as follows:

Cable Size	2.5 sq.mm.	4 sq.mm.
IEEMA factor for Insulation (CCFCu) as per IS694 (Insulation thickness rations considered) (MT/Km)	0.0158	0.0217
IEEMA factor for CONDUCTOR (CuF) (MT/Km)	0.023	0.036

3.4 Base date for prices:

Initial price (As per IEEMA) for Cuo and PVCCo:

Base date shall be- 1st working day of the previous month to the date of issue of tender enquiry

Final price(as per IEEMA) for Cu and PVCC:

1st working day of month, one month prior to the date on which wire is notified as being ready for inspection i.e. TPIA inspection call raise date on web portal.

3.5 PVC shall be payable within contractual delivery period (including any extension thereto)

3.6 Supplier to essentially quote prices against each line item of the BOQ in the respective columns. 'NIL', 'Free of Cost', 'Zero', etc. shall not be mentioned for any line item of the BOQ. In such case, Liquidated Damages shall be levied on the Total order/ contract value instead of undelivered portion of the Order/ contract. Also, if price of any line item (X) is mentioned 'Included' in any other line item (Y), then in case of delay in delivery of item (X), LD shall be applicable on value of item (Y).