

ABSTRACT

CONSTRUCTION OF 33KV COLUMN FOUNDATIONS AND 33KV TERMINAL EQUIPMENTS INCLUDING ALL
ERECTIONS AT 132KV GRID SUBSTATION, UPPER DAMALGRE

SL.NO	DESCRIPTION OF WORKS	TOTAL AMOUNT	REMARKS
1	Cost of construction of foundations for 33kV Columns (As in Annexure - A enclosed)		
2	Cost of erection of 33kV Columns and Beams (As in Annexure - B enclosed)		
3	Cost of construction of foundations and erection of 33kV Terminal Equipments (As in Annexure - C enclosed)		
Total =			

ANNEXURE-A

BID SHEET FOR MAKING OF FOUNDATIONS FOR 33KV COLUMNS C1 & C3 AT 132KV SUB-STATION, UPPER DAMALGRE.

SL.NO	ITEM	UNIT	QUANTITY	AMOUNT/COLUMN FOUNDATION (inclusive of GST)	TOTAL AMOUNT (inclusive of GST)
1	Making of foundations for 33KVB Columns (C1) (As in Annexure -I enclosed)	No.	12		
2	Making of foundations for 33KVB Columns (C3) (As in Annexure -I enclosed)	No.	12		
Total =					

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ANNEXURE-I

BID SHEET FOR FOUNDATION AND ERECTION OF 33KV COLUMN C1&C3 AT 132KV GRID SUB-STATION, UPPER DAMALGRE					
Item No.	Description	Qty	Unit	Rate in Rs.(inclusive of GST)	Amount in Rs.(inclusive of GST)
1	Earth work in excavation upto a depth of 2m..... (a) In ordinary soil. Leg Foundation	13.612	m ³		
2	Providing and laying c.c in prop. 1:3:6..... complete In Foundation	0.680	m ³		
3	Supplying, fitting and fixing in position reinforcement bars Slab 10 mm dia. Leg & Beams 16 mm dia.	2.330	Qtls		
	c) ISI approved mild steel..... Stirrups - 6mm dia. @ 150mm c/c	0.100	Qtls		
4	Providing form work of ordinary timber planking of thickness not less than 25mm..... Leg	13.320	m ²		
5	Providing and laying concrete in reinforcement.... a) M15 Or prop. 1:2:4 Leg	2.674	m ³		
6	Earth/sand filling in b) With available excavated earth including..... all leads and lifts	10.15	m ³		
7	Extra lead per km truck carriage for sand, gravel,etc beyond the initial lead of 8km (A) Stones/Chips :- Quarry at Benabazar 40.00km away from work site Total:- 40.00km-8.00km = 32.000 Quantity of carriage for stones/chips	2.953	m ³		
	(B) Sand :- Quarry at Damalgre 14.00km away from work site Total:- 14.00km-8.00km = 6.00km				

Quantity of carriage for sand	1.500	m ³		
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TOTAL

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ANNEXURE-B

BID SHEET FOR ERECTION OF 33KV COLUMNS AND BEAMS AT 132KV SUBSTATION, UPPER DAMALGRE.

SL.NO	ITEMS	UNIT	QUANTITY	WT OF COLUMN/BEAM (MT)	WT OF NUTS & BOLTS (MT)	TOTAL WEIGHT (MT)	RATE OF ERECTION/ MT (inclusive of GST)	AMOUNT (inclusive of GST)
1	Erection of 33KV "C1" Type Columns	No.	12	0.6615	0.5718	14.7996		
2	Erection of 33KV "C3" Type Columns	No.	12	0.48092	0.5718	12.63264		
3	Erection of 33KV "B-4" Type Beams	No.	14	0.2800	0.2444	7.3416		
TOTAL :-								

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ANNEXURE-C

BID SHEET FOR MAKING OF STRUCTURE FOUNDATION FOR 33KV SF6 CB,CT,ISOLATOR AND PT AT
132KV GRID SUBSTATION, DAMALGRE

SL.NO	DESCRIPTION	UNIT	QUANTITY	AMOUNT/ SET (inclusive of GST)	TOTAL AMOUNT (inclusive of GST)
1	Making of structure foundation for 33KV SF6 CB (As in Annexure -I enclosed)	Set	6		
2	Making of structure foundation for 33KV CT (As in Annexure -II enclosed)	Set	6		
3	Making of structure foundation for 33KV ISOLATOR (As in Annexure -III enclosed)	Set	16		
4	Making of structure foundation for 33KV LA (As in Annexure -IV enclosed)	Set	5		
5	Making of structure foundation for 33KV PI (As in Annexure -V enclosed)	Set	12		
6	Making of structure foundation for 33KV PT (As in Annexure -VI enclosed)	Set	1		
G/Total :					

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ANNEXURE-I

BID SHEET FOR FOUNDATION AND ERECTION OF 33KV SF6 BREAKER AT 132KV GRID SUB-STATION, L

<u>Item No.</u>	<u>Description</u>	<u>Qty</u>	<u>Unit</u>
1	Earth work in excavation upto a depth of 2m..... (a) In ordinary soil. Leg Foundation	1.210	m ³
2	Providing and laying c.c in prop. 1:4:8..... complete Leg Foundation	0.100	m ³
3	Supplying, fitting and fixing in position reinforcement bars 16 mm dia. Leg Stirrups 8 mm dia.	0.380	qtls
4	25mm..... Leg	4.400	m ²
5	Providing and laying concrete in reinforcement.... a) M15 Or prop. 1:2:4 Leg	1.100	m ³
6	Extra lead per km truck carriage for sand, gravel,etc beyond the initial lead of (A) Stones/Chips :- Quarry at Benabazar 40.00km away from work site Total:- 40.00km-8.00km = 32.000 Quantity of carriage for stones/chips	1.064	m ³
	(B) Sand :- Quarry at Damalgre 14.00km away from work site Total:- 14.00km-8.00km = 6.00km Quantity of carriage for sand	0.532	m ³

TOTAL

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ANNEXURE-II

BID SHEET FOR FOUNDATION AND ERECTION OF 33KV CT AT 132KV GRID SUB-STATION, UPPER DAMALGRE

Item No.	Description	Qty	Unit	Rate in Rs.(inclusive of GST)	Amount in Rs.(inclusive of GST)
1	Earth work in excavation upto a depth of 2m..... (a) In ordinary soil. Leg Foundation	1.920	m ³		
2	Providing and laying c.c in prop. 1:4:8..... complete Leg Foundation	0.150	m ³		
3	Supplying, fitting and fixing in position reinforcement bars 16 mm dia. Leg Stirrups 8 mm dia.	0.810	qtls		
4	25mm..... Leg	9.240	m ²		
5	Providing and laying concrete in reinforcement.... a) M15 Or prop. 1:2:4 Leg	1.617	m ³		
6	Extra lead per km truck carriage for sand, gravel,etc beyond the initial lead of (A) Stones/Chips :- Quarry at Benabazar 40.00km away from work site Total:- 40.00km-8.00km = 32.000 Quantity of carriage for stones/chips	1.567	m ³		
	(B) Sand :- Quarry at Damalgre 14.00km away from work site Total:- 14.00km-8.00km = 6.00km Quantity of carriage for sand	0.783	m ³		

TOTAL

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ANNEXURE-III

BID SHEET FOR FOUNDATION AND ERECTION OF 33KV ISOLATOR AT 132KV GRID SUB-STATION, UP

<u>Item No.</u>	<u>Description</u>	<u>Qty</u>	<u>Unit</u>
1	Earth work in excavation upto a depth of 2m..... (a) In ordinary soil. Leg Foundation	1.040	m ³
2	Providing and laying c.c in prop. 1:4:8..... complete Leg Foundation	0.100	m ³
3	Supplying, fitting and fixing in position reinforcement bars 16 mm dia. Leg Stirrups 8 mm dia.	0.610	qtls
4	25mm..... Leg	5.760	m ²
5	Providing and laying concrete in reinforcement.... a) M15 Or prop. 1:2:4 Leg	0.864	m ³
6	Extra lead per km truck carriage for sand, gravel,etc beyond the initial lead of (A) Stones/Chips :- Quarry at Benabazar 40.00km away from work site Total:- 40.00km-8.00km = 32.000 Quantity of carriage for stones/chips	0.856	m ³
	(B) Sand :- Quarry at Damalgre 14.00km away from work site Total:- 14.00km-8.00km = 6.00km Quantity of carriage for sand	0.428	m ³

TOTAL

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ANNEXURE-IV

BID SHEET FOR FOUNDATION AND ERECTION OF 33KV LA AT 132KV GRID SUB-STATION, UPPER

<u>Item No.</u>	<u>Description</u>	<u>Qty</u>	<u>Unit</u>
1	Earth work in excavation upto a depth of 2m..... (a) In ordinary soil. Leg Foundation	1.340	m ³
2	Providing and laying c.c in prop. 1:4:8..... complete Leg Foundation	0.147	m ³
3	Supplying, fitting and fixing in position reinforcement bars 16 mm dia. Leg Stirrups 8 mm dia.	0.810	qtls
4	25mm..... Leg	6.720	m ²
5	Providing and laying concrete in reinforcement.... a) M15 Or prop. 1:2:4 Leg	1.176	m ³
6	Extra lead per km truck carriage for sand, gravel,etc beyond the initial lead of (A) Stones/Chips :- Quarry at Benabazar 40.00km away from work site Total:- 40.00km-8.00km = 32.000 Quantity of carriage for stones/chips	1.176	m ³
	(B) Sand :- Quarry at Damalgre 14.00km away from work site Total:- 14.00km-8.00km = 6.00km Quantity of carriage for sand	0.588	m ³

TOTAL

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ANNEXURE-V

BID SHEET FOR FOUNDATION AND ERECTION OF 33KV PI AT 132KV GRID SUB-STATION, UPPER			
<u>Item No.</u>	<u>Description</u>	<u>Qty</u>	<u>Unit</u>
1	Earth work in excavation upto a depth of 2m..... (a) In ordinary soil. Leg Foundation	0.448	m ³
2	Providing and laying c.c in prop. 1:4:8..... complete Leg Foundation	0.049	m ³
3	Supplying, fitting and fixing in position reinforcement bars 16 mm dia. Leg Stirrups 8 mm dia.	0.270	qtls
4	25mm..... Leg	2.240	m ²
5	Providing and laying concrete in reinforcement.... a) M15 Or prop. 1:2:4 Leg	0.392	m ³
6	Extra lead per km truck carriage for sand, gravel,etc beyond the initial lead of (A) Stones/Chips :- Quarry at Benabazar 40.00km away from work site Total:- 40.00km-8.00km = 32.000 Quantity of carriage for stones/chips	0.392	m ³
	(B) Sand :- Quarry at Damalgre 14.00km away from work site Total:- 14.00km-8.00km = 6.00km Quantity of carriage for sand	0.196	m ³

TOTAL

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ANNEXURE-VI

BID SHEET FOR FOUNDATION AND ERECTION OF 33KV PT AT 132KV GRID SUB-STATION, UPPER

<u>Item No.</u>	<u>Description</u>	<u>Qty</u>	<u>Unit</u>
1	Earth work in excavation upto a depth of 2m..... (a) In ordinary soil. Leg Foundation	1.344	m ³
2	Providing and laying c.c in prop. 1:4:8..... complete Leg Foundation	0.147	m ³
3	Supplying, fitting and fixing in position reinforcement bars 16 mm dia. Leg Stirrups 8 mm dia.	0.81	qtls
4	25mm..... Leg	6.72	m ²
5	Providing and laying concrete in reinforcement.... a) M15 Or prop. 1:2:4 Leg	1.176	m ³
6	Extra lead per km truck carriage for sand, gravel,etc beyond the initial lead of (A) Stones/Chips :- Quarry at Benabazar 40.00km away from work site Total:- 40.00km-8.00km = 32.000 Quantity of carriage for stones/chips	1.176	m ³
	(B) Sand :- Quarry at Damalgre 14.00km away from work site Total:- 14.00km-8.00km = 6.00km Quantity of carriage for sand	0.588	m ³

TOTAL

Signature of theBidder

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