



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD

F.D.R. PART - A (2024-25)

PARASBANI SANTHALI TOLA TO BISHAMPUR MANJHI TOLA

DETAILED ESTIMATE OF F.D.R. REPAIRING ROAD

ROAD LENGTH

1.650 Km

DISTRICT

KATIHAR

BLOCK

MANIHARI

DIVISION

MANIHARI

TOTAL DAMAGE LENGTH OF ROAD

~~61.000~~ 101.000

Mtr.

TOTAL COST OF F.D.R. PART - A

Rs. ~~16.582~~
17.288

Lacs

SUBMITTED BY
The Executive Engineer,
Works Division, Manihari

तकनीकी प्रतिवेदन

योजना का नाम:- पारसबनी संधाली टोला से विशम्भपुर मांझी टोला

क्षतिग्रस्त पथ की लम्बाई:- ^{0.101}~~0.101~~ K.M.

प्राक्कलित राशि:- ₹. 17,28,763 /-

योजना शीर्ष :- **3054/2245 F.D.R.**

प्राधिकार :- सचिव, ग्रामीण कार्य विभाग, बिहार, पटना का मु0अ0-4(मु0) विविध
(कार्य)-06-109/2024-1956 दिनांक-28-05-2024

प्रतिवेदन

प्रस्तुत प्राक्कलन अतिवृष्टि/बाढ़ के कारण क्षतिग्रस्त पथ के पथांश का प्राक्कलन

र०0 मात्र के लिए ग्रामीण कार्य विभाग, कार्य प्रमण्डलमनिश..... के
द्वारा शीर्ष F.D.R. 3045 के अन्तर्गत तैयार किया गया है।

पथ के आवस्मिक मरम्मत हेतु पथांशों में मिट्टी भराई, खाली सिमेंट बैग में ~~लोकल~~ बालु भरकर, ~~बॉस का पाइल, बॉस का चचरी, बॉस का रनर, ह्यूम पाइप~~ एवं ब्रिक बैट इत्यादि से भरकर बचाव कार्य करते हुए यातायात पुर्नस्थापित किया गया है।।

पथ मरम्मत कार्य का प्राक्कलन वर्तमान अनुसूचित दर एवं सामग्री की ढुलाई निकटतम खदान से प्रावधान कर बनाया गया है। दर गणना में संवेदक लाभांश सम्मिलित नहीं है।

प्राक्कलन तकनीकी स्वीकृति हेतु अपेक्षित है।

कनीय अभियंता
ग्रामीण कार्य विभाग
मनिश

सहायक अभियंता
ग्रामीण कार्य विभाग
मनिश

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, मनिश

FDR.

Block:- Manihari

Division - Manihari

Year - 2024-25

Road Name :- PARASBANI SANTHALI TOLA TO BISHAMPUR MANJHI TOLA

N.	Description	Unit	Length (In Mtr.)	Width (In Mtr.)	Depth/ Height (In Mtr.)	Qty.	Rate (In Rs.)	Amount (In Rs.)
1	Empty Ciment Bags (Supply of Empty Cement Bag Capacity 1.2 CFT in Good condition And As per Specification)	No	-	-	-	0.00	6.00	0.00
2	100 mm Dia 6m to 8m Long	No	-	-	-	0.00	20.00	0.00
3	Brick Bats(Brick Bats of Well Burnt Bricks)	Cum	-	-	-	713.58	915.00	652925.70
4	Local Sand(As per Specification)	Cum	-	-	-	0.00	128.00	0.00
5	Kiln Rubbish(is Should be clean & Free from other impurities)	Cum	-	-	-	250.00	335.00	83750.00
6	Hume Pipe (NP3) 1000mm Dia(NP3 Rcc Hume Pipe)	Mtr.	-	-	-	0.00	2400.00	0.00
7	Granular Sub Base material Gradding-ii(Granular Sub Base Material Gradding-ii as pre Specification)	Cum	-	-	-	120.00	1000.00	120000.00
8	Unskilled Labour(8 hrs/ Day)	Hrs/ Day	-	-	-	964.00	368.00	354752.00
9	Semi Skilled Labour(8 hrs/ Day)	Hrs/ Day	-	-	-		380.00	0.00
10	Skilled Labour(8 hrs/ Day)	Hrs/ Day	-	-	-	193.00	465.00	89745.00
11	Mason(8 hrs/ Day)	Hrs/ Day	-	-	-		450.00	0.00
12	Head Mason(8 hrs/ Day)	Hrs/ Day	-	-	-		500.00	0.00
13	Bhisti(8 hrs/ Day)	Hrs/ Day	-	-	-		365.00	0.00
14	Carpenter(8 hrs/ Day)	Hrs/ Day	-	-	-	0.00	445.00	0.00
15	Front End Loader 1.0 cum(Soil Loading/ Aggregate Loading) Cum/Hour 60/25	Per Hour	-	-	-	95.00	1290.00	122550.00
16	8-10 Ton smooth Wheeled(Compaction / Consolidation) Cum/hour 70/25	Per Hour	-	-	-	0.00	1448.00	0.00
17	Tractor With Trolley(Transportation of Material) Cum 3 to 5 ton	Ton / Trip	-	-	-	492.00	620.00	305040.00
18	Tipper(Transportation of Material) Cum 5.5	Per Day	-	-	-		1315.00	0.00
	Generator Set With Fuel(Grnaration of Electecal Energy) KVA 5	Per Day	-	-	-		245.00	0.00
Total Amount (In Rs.) =								1728762.70

M/s 15/11/24

Bishampur
15/11/24
A.E

15/11/24

Technically Sanctioned for Amount Rs 1728763.00 (Seventeen lakh twenty eight thousand seven hundred sixty three) only

28/11/24
अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पूर्णिया

28/11/24

PARASBANI SANTHALI TOLA TO BISHAMPUR MANJHI TOLA

Sl. No.	SDB SL. NO	MORD Ref. No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY
1	4.5		Brick Bats						
			Placing tractor at loading point loading with front end loader dumping ,turning for return trip excluding time for haulage and return trip						
			C/O To Calculation Sheet						
2	4.1	401	G.S.B.	Cum					713.580
			Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.						713.580
			1 X 300 X4.0X 0.10						120.000
				Cum					120.000

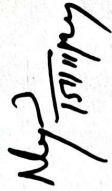
JE. 17/11/17

15/11/17
A.E.

15/11/17

**PARASBANI SANTHALI TOLA TO BISHAMPUR MANJHI TOLA
ANNEXURE "B"**

Sl. No.	Chainage At (Mtr.)	NO.	Length (in mt.)	Top Width (in mt.)	Avg. Top Width + Bottom Width) / 2	Height (in mt.)	Qty. (in Cum)	Remarks
First Time Flood								
		1	18.00	(5.90+6.0)/2	(5.90+6.0)/2	(1.20+1.50+1.80+1.10)/4	149.94	FULL
		1	13.00	(5.80+6.0)/2	(5.80+6.0)/2	(1.20+1.50+0.90)/3	92.04	
		1	30.00	(5.90+6.0)/2	(5.90+6.0)/2	(1.20+1.50+0.90)/3	214.20	
2 Nd Time Flood								
		1	9.00	(5.50+5.50)/2	(5.50+5.50)/2	(1.30+1.50)/2	69.30	FULL
		1	7.00	(5.20+5.30)/2	(5.20+5.30)/2	(1.10+1.30)/2	44.10	
		1	24.00	(4.90+5.10)/2	(4.90+5.10)/2	(1.30+1.10)/2	144.00	
							713.58	


J.E.


A.E.


E.E.

INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :-	EE, Rural Works Division, Katihar
Name of Block/Road :-	Manihari / ParasBani Santhali tola to Bishampur tola
A. For Road	
1. Damage Location/Chainage :-	Lat: 25.357974 Long: - 87.711335
2. Damage Length :-	61M + 40M = 101M
3. Nature of Damage (Length Wise)	(i) Breach :- 61M + 40M = 101M (ii) Crust Damage :- (iii) Only Flank Damage :-
whether traffic fully/Partially obstructed :-	fully obstructed
4. Details of Restoration :-	
(i) Material Being Used in Restoration :-	Brick Lats
(ii) Equipment/Tools Being Used in Restoration Works :-	Tractor, Loader, Roller, JCB, etc
(iii) Restored Length	In open Area :- 61M + 40M = 101M In habitation Area :-
(iv) If Restoration work done in habitation Area give Reason :-	
B. For Bridge (Size of Bridge/Culvert) NA	
(1) Damage Location/Chainage :-	
(2) No. of Span Damage :-	
(3) Length of Span :-	
(4) Nature of Damage (Pier/Abutment/Wing Wall/Approach Road Damage) :-	
(5) Details of Restoration :-	
(i) Material Being Used in Restoration :-	
(ii) Equipment/Tools Being Used in Restoration Works :-	
(iii) Restored Length :-	
Overall Grade of Restoration work (Satisfactory/Unsatisfactory) :- Satisfactory	

[Signature]
25/11/24

026

[Signature]
25/11/24
Signature of Inspector
(Official Seal)
ग्रामीण कार्य विभाग
कार्य प्रमंडल कटिहार

Tender Inviting Authority: Engineer-in-Chief RWD Punjab
 Name of Work: EOI-Cum-Bid Request for Green Fee Engagement Or Supply Agencies
 Contract No:

SCHEDULE OF WORK / ITEMS

Sl.No	Description of Work / Items	No. of Qty	Units	Estimated Rate
1.00	Material			
2.00	Empty Cement Bags (Supply of Empty Cement Bag Capacity 2 CFT in Good condition As per Specification)	1.00	Each	6.00
3.00	Barbed Wire 75 mm Dia 8 m to 10 m Long	1.00	no	21.00
4.00	100 mm Dia 6m to 8m Long	1.00	no	20.00
5.00	Brick Bat (Brick Bat of Wall Built Brick)	1.00	Cum	916.00
6.00	Local Sand (as per Specification)	1.00	Cum	128.00
7.00	40 mm Dia 6m to 8m Long	1.00	Cum	336.00
8.00	40 mm Dia 6m to 8m Long	1.00	Cum	1468.00
9.00	40 mm Dia 6m to 8m Long	1.00	Cum	2948.27
10.00	40 mm Dia 6m to 8m Long	1.00	Cum	2280.00
11.00	40 mm Dia 6m to 8m Long	1.00	Cum	615.00
12.00	40 mm Dia 6m to 8m Long	1.00	Cum	2237.80
13.00	40 mm Dia 6m to 8m Long	1.00	Cum	1647.20
14.00	40 mm Dia 6m to 8m Long	1.00	Cum	632.00
15.00	40 mm Dia 6m to 8m Long	1.00	Cum	1000.00
16.00	40 mm Dia 6m to 8m Long	1.00	Cum	1474.40
17.00	40 mm Dia 6m to 8m Long	1.00	Cum	1715.00
18.00	40 mm Dia 6m to 8m Long	1.00	Cum	1835.00
19.00	40 mm Dia 6m to 8m Long	1.00	Cum	2222.30
20.00	40 mm Dia 6m to 8m Long	1.00	Cum	1807.00
21.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
22.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
23.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
24.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
25.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
26.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
27.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
28.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
29.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
30.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
31.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
32.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
33.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
34.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
35.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
36.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
37.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
38.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
39.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
40.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
41.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
42.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
43.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
44.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
45.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
46.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
47.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
48.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
49.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
50.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
51.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
52.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
53.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
54.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
55.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
56.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
57.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
58.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
59.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
60.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
61.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
62.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
63.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
64.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
65.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
66.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
67.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
68.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
69.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
70.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
71.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
72.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
73.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
74.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
75.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
76.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
77.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
78.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
79.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
80.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
81.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
82.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
83.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
84.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
85.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
86.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
87.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
88.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
89.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
90.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
91.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
92.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
93.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
94.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
95.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
96.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
97.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
98.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
99.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00
100.00	40 mm Dia 6m to 8m Long	1.00	Cum	385.00

Sl.No	Description of Work / Items	Rate	Amount	Sl.No	Description of Work / Items	Rate	Amount	Sl.No	Description of Work / Items	Rate	Amount	Sl.No	Description of Work / Items	Rate	Amount	Sl.No	Description of Work / Items	Rate	Amount
1.00	Material	6.00	6.00	12.00	12.00	28.00	28.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
2.00	Empty Cement Bags (Supply of Empty Cement Bag Capacity 2 CFT in Good condition As per Specification)	21.00	21.00	187.00	187.00	800.00	800.00	187.00	187.00	187.00	187.00	187.00	187.00	187.00	187.00	187.00	187.00	187.00	187.00
3.00	Barbed Wire 75 mm Dia 8 m to 10 m Long	20.00	20.00	188.00	188.00	800.00	800.00	188.00	188.00	188.00	188.00	188.00	188.00	188.00	188.00	188.00	188.00	188.00	188.00
4.00	100 mm Dia 6m to 8m Long	916.00	916.00	1041.00	1041.00	3000.00	3000.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00
5.00	Brick Bat (Brick Bat of Wall Built Brick)	128.00	128.00	145.87	145.87	1000.00	1000.00	155.00	155.00	155.00	155.00	155.00	155.00	155.00	155.00	155.00	155.00	155.00	155.00
6.00	Local Sand (as per Specification)	336.00	336.00	1628.00	1628.00	1000.00	1000.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00
7.00	40 mm Dia 6m to 8m Long	1468.00	1468.00	2948.27	2948.27	2500.00	2500.00	2850.00	2850.00	2850.00	2850.00	2850.00	2850.00	2850.00	2850.00	2850.00	2850.00	2850.00	2850.00
8.00	40 mm Dia 6m to 8m Long	2280.00	2280.00	2510.02	2510.02	30000.00	30000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
9.00	40 mm Dia 6m to 8m Long	615.00	615.00	2237.80	2237.80	8000.00	8000.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00
10.00	40 mm Dia 6m to 8m Long	1647.20	1647.20	4800.00	4800.00	4800.00	4800.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00
11.00	40 mm Dia 6m to 8m Long	632.00	632.00	1474.40	1474.40	8000.00	8000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
12.00	40 mm Dia 6m to 8m Long	1000.00	1000.00	1474.40	1474.40	8000.00	8000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
13.00	40 mm Dia 6m to 8m Long	1715.00	1715.00	2237.80	2237.80	10000.00	10000.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00
14.00	40 mm Dia 6m to 8m Long	1835.00	1835.00	2222.30	2222.30	12000.00	12000.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00
15.00	40 mm Dia 6m to 8m Long	400.00	400.00	1807.00	1807.00	10000.00	10000.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00
16.00	40 mm Dia 6m to 8m Long	385.00	385.00	385.00	385.00	1000.00	1000.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00
17.00	40 mm Dia 6m to 8m Long	385.00	385.00	411.00	411.00	1200.00	1200.00	480.00	480.00	480.00	480.00	480.00	480.00	480.00	480.00	480.00	480.00	480.00	480.00
18.00	40 mm Dia 6m to 8m Long	445.00	445.00	500.00	500.00	1500.00	1500.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00
19.00	40 mm Dia 6m to 8m Long	445.00	445.00	800.00	800.00	1500.00	1500.00	812.00	812.00	812.00	812.00	812.00	812.00	812.00	812.00	812.00	812.00	812.00	812.00

L1 Amount	L1 Vendor
6.00	RAJENDRA SINGH AND BROTHERS
17.00	RAJENDRA SINGH AND BROTHERS
20.00	RAJENDRA SINGH AND BROTHERS
916.00	RAJENDRA SINGH AND BROTHERS
128.00	RAJENDRA SINGH AND BROTHERS
336.00	RAJENDRA SINGH AND BROTHERS
3460.00	RAJENDRA SINGH AND BROTHERS
3209.00	RAJENDRA SINGH AND BROTHERS
616.00	RAJENDRA SINGH AND BROTHERS
632.00	RAJENDRA SINGH AND BROTHERS
1000.00	RAJENDRA SINGH AND BROTHERS
1719.00	RAJENDRA SINGH AND BROTHERS
1593.00	RAJENDRA SINGH AND BROTHERS
400.00	RAJENDRA SINGH AND BROTHERS
346.00	RAJENDRA SINGH AND BROTHERS
446.00	RAJENDRA SINGH AND BROTHERS

[illegible]

1

1230.00	W/S	RAJENDRA SINGH AND BROTHERS
1448.00	W/S	RAJENDRA SINGH AND BROTHERS
620.00	W/S	RAJENDRA SINGH AND BROTHERS
1315.00	W/S	RAJENDRA SINGH AND BROTHERS
645.00	W/S	RAJENDRA SINGH AND BROTHERS
245.00	W/S	RAJENDRA SINGH AND BROTHERS

PARASBANI SANTHALI TOLA TO BISHAMPUR MANJHI TOLA



Key 2
ISTHLY

1
Bishampur
ISTHLY
A.E

PARASBANI SANTHALI TOLA TO BISHAMPUR MANJHI TOLA



My 2nd thing
A-E