

19	Sulabh complex	1	152.1	33.56	5104.476				
	Total area facilities (6-19) land				146350.837	Sqm			2925000
20	Land for Ware House	1	213.41	147.8	31541.998				
		1	(281.4+215.8)/2	147.8	36743.08				
	Total ware house area		Total		68285.078	Sqm			
	Total				740000.0				68989236.95
					74.00	Hect			689.89
	Extra Land				22.00	Hect			
	Grand Total				96.00	Hect			

Signature of User Agency
(Dr. R.P. Kumawat)
Secretary
Krishi Upaj Mandi Samiti
Kota

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सचिव
कृषि उपज मण्डी समिति (अनाज)
विशिष्ट श्रेणी, कोटा

**OFFICE OF THE EXECUTIVE ENGINEER, R.S.A.M.B.
DIVISION KOTA**

DETAILED PROJECT REPORT

Name of Project :- Proposal of Extension of Bhamashah Krishi Upaj Mandi Samiti in 96 Hact., Anantpura Kota (Raj.)

Site Location :- The proposed new mandi samiti yard is adjoined to existing KUMS Kota (Grain) at Anantpura Kota. This new proposes land is situated along the Delhi- Mumbai Board – Gauge railway line at one side and also situated along with National highway (N.H.-27) and N.H. 52.

Introduction :- Present Krishi Upaj Mandi Samiti Kota (Grain) is situated at Anantpura region. This existing Grain Mandi yard is spreading area about 118 Hect. presently. It is surrounded by along the Mumbai Delhi railway line in the east, RIICO Industrial area at north and south side forest land at south side just adjoining the mandi yard Boundary wall.

This is a super class mandi samiti also highest grain produce comes in mandi yard in the state as well as in the country. This grain mandi yard plays a vital role in the lives of farmers of the Hadoti area of Rajasthan state as well as Madhaya Predesh state. Farmers bring their crops in this mandi yard and sale the produce same day by E-Name.

The Gov. of Rajasthan and mandi samiti administration have been providing all the basic facilities for convenience to farmers in existing mandi yard like internal roads, open auction areas, covered auction areas, shop cum godowns, drinking water facilities (with R.O. and water coolers), CC TV cameras, urinal toilet block, kisan kaleva (Canteen), Kiosks, farmer sheds, kisan bhawan for staying out side

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farmers electric facilities high mask lights, parks five Nationalizes Bank branches with ATM broad six lane approach road to National Highway, to main gates with check post electronic weighbridge surveillance cameras etc. Agro trade tower is also being constructed in the yard to facilitate farmers as well as registered traders because there is no land available in existing mandi yard.

Necessity: -

In Kota zone there are four major districts namely Kota, Bundi, Baran & Jhalawar which is also known as Hadoti region, all types of produce in the area like wheat, gram, maize, cereals, rice, spices, millet, mustard, garlic, soyabeane, coriander etc. Proper scientific irrigation systems are available on rivers of Hadoti like Chambal, Kalisindh, Parwati, Parwan, Maj, Ujad etc. By which Hadoti region equally divided in commanded in non commanded area and give huge production of crops.

Due to large production of crops farmers of the region as well as near by area of M.P. state bring their crops to this mandi yard also named Bhamashah Krishi Upaj Mandi Samiti Kota in the season. In the peak season this present yard seems little yard like huge produce reaches in the mandi yard for sale and auction. Due to lack of space farmers heap their produce in the mandi yard even on roads and at almost whole movements/ activities becomes block /jam in the peak season due to heavy rush of farmers tractor trolleys, trucks, big tippers etc. The mandi administration check and allow the of farmers with their produce alternate day or 2 to 5 days later also some time administration and police face line ordered problem due to shortage of land for keeping the stock in the mandi yard of farmers agriculture crops.

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Due to this scenario all arrangements made by mandi administration becomes fail and farmers/ traders also get distressing and disturbing wear many direct and indirect losses of their crops/ produce.

That due to line ordered problem in krishi upaj Mandi and due to accident and due lake of place in existing mandi a meeting was held in the chairmen ship of collector kota in the presence of all existing M.L.A. , M.P. existing public representative and in the presence of forest officer revenue officer and Nagar Nigam, UIT, it was decided that either the existing mandi may be shift some onother place or extension may be allow to mandi to meet out this line orderd big problem in the mandi yard due to lake of place for display of agriculture product sell by farmer. And ultimately it was decided by all the presence officer public representative that mandi cannot be shift and extension is the only solution of this problem and it was also decide that 9% Hact. Near b land which is available and it is barren & rocky area unsuitable for plantation and forest because the land is surrounded by population. And there is chance of enrichment and in the meting it was decided that it is best suitable land for mandi extension.

Hence to solve this major issue of existing deficient mandi yard Govt. of Rajasthan as well as Krishi Upaj Mandi Samiti Kota Grain administration are decided to extend the existing area of mandi samiti towards south side forest land up to N.H. 27 along existing land and also along Delhi- Mumbai railway track other than this no surrounding land is available for mandi extension.

Benefits :- To extend this mandi yard area will be very beneficial to farmers and traders to run mandi activities properly, The transportation of crops

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becomes easy because all heavy vehicle will reach directly to mandi yard through highway bypass avoiding Kota city area possibilities of accidents will minimized. Farmers and traders could also take their produce directly through highways N.H. 27 and N.H. 52. The Mumbai Delhi railway line along and adjoining the boundary wall will also useful to provide an additional track and loading unloading yard, by which trades will send their material to everywhere in the country as well as abroad. Hence it will grade beneficial to all its users. This will reduce the transportation loading unloading charges thafs farmers will be benefited due to highway city pollution becomes less it will help environmental.

Proposal :- The proposed land consist of 96 Hect. area which is situated at south side of the existing yard along railway line situated in the east up to bypass highway and exiting yard at north and RIICO area in the west side.

The following infrastructures are proposed to construct for various mandi activities

1. Boundary wall :-

The boundary wall will be constructed along are the three sides having the land of length four Km. and cost approx. 21.00 lacs

2. Approach road / Internal road :-

Presently 60.00 Mtr. wide approach road exist in front of mandi yard know it will be extended along the proposed land up to N.H. 52 (Jhalwar Road) and internal roads of width 18.00 Mtr. to 32.00 Mtr. inside the proposed land to smooth running of traffic. The total area of road will be 28.07 Hect. and approx. cost for gravel road is 154.41 Lacs

3. Auction area :-

Agarwal

For the auction of grain produce activities open and covered auction areas will be constructed their total area will be 24.26 Hect. and approx. to be cost 485.23 Lacs.

4. Farmers utilities :-

Various utilities like drinking water, urinal block, farmer shed, sanitation will be provide and some area also reserved for railway yard covered auction area parking, green belt administrative block, agro tower, over head tank, pump house, sulabh complex. The cost of farmers main utilities like water, sanitation etc. will be approx. 29.25 lacs

- Technical Specifications :-

1. Earth work in embankment 100% compaction.
2. GSB Gr-III with 100% compaction for road work.
3. P.C.C. M-10 has been taken for base concrete.
4. R.C.C. M-20 has been taken for column rafts, columns and R.C.C. beam and slab.
5. R.R. Stone masonry in CM 1:6 has been taken for foundation and plinth.
6. Fly ash brick masonry has been taken for superstructure.
7. 20mm/12mm thick Plaster in CM 1:4 has been taken for outside/inside finishing work.
8. 6mm thick ceiling plaster has been taken over R.C.C. roof.
9. Vitrified tiles 600 x 600 mm has been taken for Restaurant Room.
10. Kota Stone flooring has been taken in Remaining Area.
11. Glazed Tiles has been taken in walls of Toilet, Kitchen and Restaurant Room.
12. Granite Slab has been taken for Kitchen Counters.
13. Lime Concrete Terrace has been taken over R.C.C. roof for water proofing.
14. Birla putty has been taken over inside and outside walls.
15. Oil bound washable Distemper has been taken.
16. Acrylic exterior paint has been taken.
17. Pressed steel door frame has been taken.
18. Exterior grade board doors has been taken.

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Agency : - The work will be gat executed through registered agencies after inviting tenders as per rules.

Project
Cost

S.No.	Activity	Area (Sqm)	Area in Hect.	Cost (in lacs)	Remarks
1	Boundary wall	2000	0.200	21.00	
2	Gravel road	280748.89	28.075	154.41	
3	Open auction platform	242615.24	24.262	485.23	
4	Land for Facilities	146350.837	14.635	29.25	Area contains toilets,administrative blocks,sulabhcomplex,parking,green belt& water supply scheme etc.
5	Ware House	68285.078	6.829		
	Total	740000.0	74.00	689.89	
	Extra Land	220000.0	22.00		
	Grand Total	Say	96 Hect	689.89	

Cost analysis

Sno.	Peticulars	Size				Qty	Unit	Rate	Amount(Rs.)
		No.	L (m)	B(m)	Area(Sqm)				
1	Boundry wall 1.5m Heigh	1	4000	0.5	2000	2000	Sqm	1000	2000000
2	Gate & check post	1				1	Each	100000	100000
	Total boundary wall&gate check post								2100000
3	Approach road(gravel)	1	1040.5	60	62430				
4	Internal gravel Road	1	440	18.3	8052				
		1	1087	18.3	19892.1				
	(1x2)	2	1527	32.5	99255				
	(1x4)	4	97.1	18.3	7107.72				
	(1x5)	5	152.5	18.3	13953.75				
		1	152.5	30	4575				
	(1x3)	3	147.8	18.3	8114.22				
		1	147.8	32	4729.6				
	(1x2)	2	282	24	13536				
	(1x2)	2	82	24	3936				
	(1x2)	2	243	24	11664				
	(1x2)	2	92	24	4416				
		1	1527	12.5	19087.5				

	Total Road		Total		280748.89	Sqm		55	15441188.95
5	Open auction platform	1	182.1	95	17299.5				
		1	213.4	92.9	19824.86				
		1	182.1	92.9	16917.09				
		1	182.1	85.9	15642.39				
		1	182.1	65	11836.5				
		1	213.83	152.5	32609.075				
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		1	182.1	152.5	27770.25				
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		1	82.4	152.5	12566				
	Total Platform area				242615.24	Sqm		200	48523048
6	Drinking water facility	1				1	Each	500000	500000
7	Urinal block (1x5)	5	5.00	3.00	75	75	Sqm	10000	750000
8	Farmer shed (1x3)	3	5.00	3.00	45	45	Sqm	5000	225000
9	Kiosk	2	5.00	3.00	30	30	Sqm	15000	450000
10	Street light	1				1	Each	1000000	1000000
11	Area for Railway yard	1	1527.00	18.50	28249.5				
12	Area for Covered auction area	1	1527.00	18.50	28249.5				
13	Area For mandi activities Transition of crop between farmer & Purchaser And small forest produce	1	1125	18.3	20587.5				
		1	535	25.6	13696				
14	Area for Parking	1	1125.5	10.5	11817.75				
15	Area for Green belt	1	122	75	9150				
16	Administrative block	1	110	69.88	7686.789				
17	Agro tower	1	182.1	91.90	16734.9718				
18	Over head tank, ground water tank,pump house,& Park	1	176.5	27.9	4924.35				

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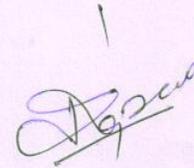
FOR CASTE ESTIMATE

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