Detailed Project Report for Slum Development in Bathinda (Punjab) – Dhobiyana Slum Under Pradhan Mantri Awas Yojana (PMAY), Govt. of India



Punjab Urban Planning & Development Authority (PUDA)



Bathinda Development Authority



Bathinda Municipal Corporation



WE THINK BETTER

Yashi Consulting Services Pvt. Ltd., Jaipur Kailash Tower, 5th Floor, 501-510, Tonk Road, Lal Kothi Area Jaipur Rajasthan – 302015 web: <u>www.yashiindia.com</u>

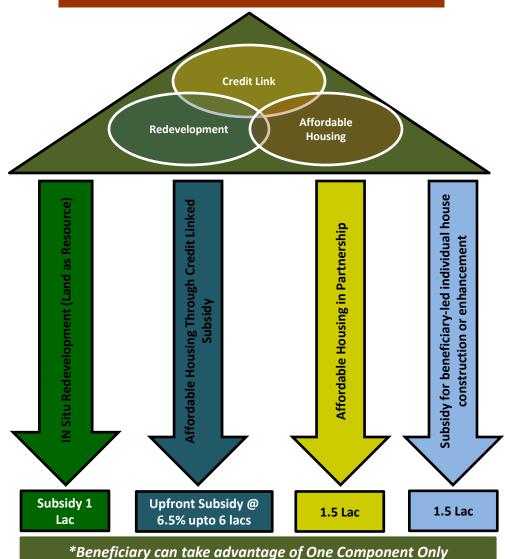
In order to achieve this objective, Central Government has launched a comprehensive mission "Housing for all by 2022"

Scope

- "Housing for All" Mission for urban area will be implemented during 2015-2022
- providing houses to all eligible families/beneficiaries by 2022.
- A beneficiary family will comprise husband, wife, unmarried sons and/or unmarried daughters.
- The beneficiary family should not own a pucca house either in his/her name or in the name of any member of his/her family in any part of India
- States/UTs, at their discretion, may decide a cut-off date on which beneficiaries need to be resident of that urban area for being eligible to take benefits under the scheme.
- Mission with all its component has become effective from the date 17.06.2015 and will be implemented upto 31.03.2022.

FOUR VERTICALS FOR HOUSING FOR ALL

FOR VERTICAL'S OF HOUSING FOR ALL



Introduction to the City - Bathinda

- Bathinda is one of the historical and important towns of North India. It is in northwestern India in the Malwa Region, 225 km from the capital city of Chandigarh.
- Bathinda is nicknamed the 'City of Lakes', courtesy to the artificial lakes in the city, and was once known as Tabar-e-Hind (or Tabarhindh), meaning the Gateway to India.
- > The district encompasses an area of 3,344 square kilometers.
- Total area of LPA Bathinda is 571.54 sq.km. (As per revenue record) of which 73 sq.km. is municipal and the remaining is rural
- It is bounded by Faridkot district on the north, Mukatsar district on the west, Barnala and Mansa districts on the east, and the state of Haryana on the south. Bathinda is cotton producing belt of Punjab.
- > It is the 5th largest city in the State ranking in terms of its population size as per 2011 Census.
- Bathinda city extends from 30°-4'-30" N to 30°-21'-20" N Latitude and 74°-47'-50" E to 75°-10'-00" E longitude.

Ward Map Bathinda

Bathinda Urban Area

INTRODUCTION TO CITY – BATHINDA (REGIONAL CONNECTIVITY)

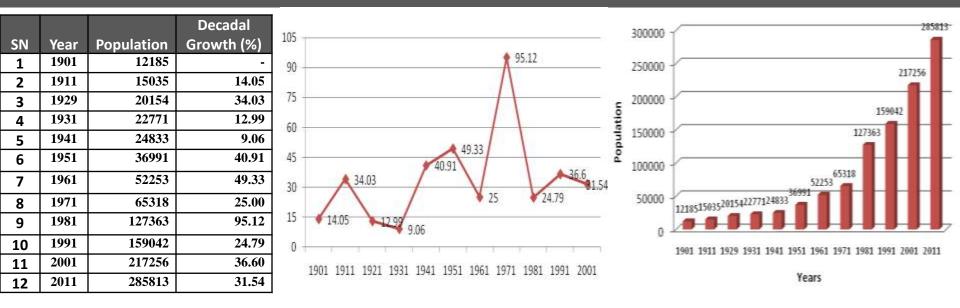


- Bathinda is the largest railway junction of north India. It is connected with Delhi, Ambala, Sirsa, Bikaner, Ganganagar and Ferozpur by broad gauge railway lines.
- Two national Highways i.e. N.H-15 and N.H-64 provide road connectivity to the city. Bathinda is well connected with the cities like Chandigarh, Patiala, Barnala, Ludhiana, Sirsa, Mansa, Hanumangarh, Abohar, Ganganagar, Faridkot, Ferozpur etc. by the major roads.
- National Highways i.e. N.H. 15 coming from Malout and diverting to Kotkapura, and N.H. 64 coming from Barnala and leading to Dabwali.
- There are three state highways viz. from Mansa (SH 12-A), from Talwandi Sabo (SH 17) and Bhuchu Mandi to Nathana (SH 16-A) in LPA, Bathinda.
- Besides this, there are other two major district roads coming from Muktsar and Badal. ODR (Other District Road) Bathinda-Multania and Bathinda-Bibiwala.



DEMOGRAPHIC CHARACTERISTICS OF BATHINDA CITY

Population Growth



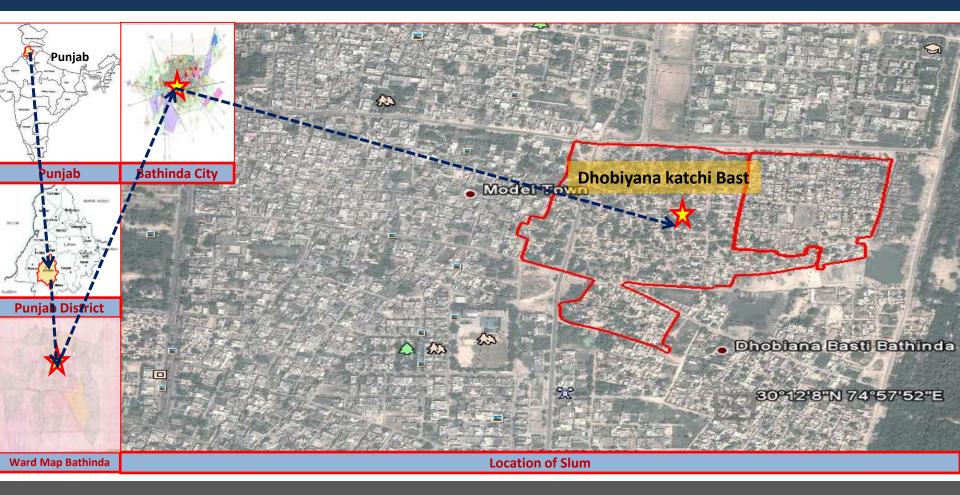
- Growth rate of Bathinda was 95.12% during 1971-81 mainly because of the expansion of limits of Municipal Committee as to include the two major industries i.e. Thermal Power Plant and National Fertilizer Limited which were established during that decade.
- During the decade of 1971-1981 the population grew from 0.65 lacs to 1.27 lacs, which was highest in the state. During 1981-91growth rate dropped to 24.79% due to terrorism.
- Normalized social and economic conditions during 1991-2001 led to a growth rate of 36.60% and growth rate during 2001-11 is 31.54%.

Information Collected from Bathinda Municipal Corporation; there are 17 slums in Bathinda out of total slums 9 slums are notified slums and 8 slums are non-notified slums. Approximate 11088 households residing in these slums with the population of 46050.

SN	Name of the Slum	Notified or Non-notified	Households	Population
1	Sanjay Nagar	Non-notified	624	2528
2	Subhash Basti	Non-notified	85	347
3	Janta Nagar	Non-notified	1027	4436
4	Balraj Nagar	Notified	774	3286
5	Jogi Nagar	Non-notified	1361	5159
6	Harbans Nagar	Non-notified	244	1005
7	Dubey Colony	Notified	270	1093
8	Alam Basti	Non-notified	147	549
9	Kheta Singh Basti	Notified	539	2163
10	Bangi Nagar	Notified	363	1480
11	Amarpura Basti	Non-notified	2820	12027
12	Chandsar Basti	Non-notified	1272	5471
13	Mukand Hari Kutia	Notified	20	86
14	Guru Gobind Singh Nagar	Notified	76	354
15	Vishal Nagar Jhugis	Notified	186	827
16	Dhobiyana Basti	Notified	1223	4930
17	Ramdev Basti	Notified	71	309
	Total		11088	46050

Dhobiyana Slum Analysis

INTRODUCTION OF DHOBIYANA, RAMDEV SLUM



- Dhobiyana katchi basti situated near to national Highway 64 have been selected for Detailed Project Report under PMAY Scheme
- Slum established at Bathinda Development Authority land.
- Dhobiyana slum 3-4 Km away from the Railway Station (Approximate) and 2-2.5 Km from the Bus Stand (Approximate).

SALIENT FEATURES OF DHOBIYANA, RAMDEV SLUM

SN	Characteristics	Information (Dhob	iyana Slum)									
1	Slum Code	001										
2	Name of Slum	Dhobiyana Katchi Basti										
3	Ward No.											
4	Age of Slum in Year	More than 10 Years										
5	Gross Area of Slum in Sq. Meter	144970.95 Sq. m										
6	Land Ownership	BDA (Bathinda Dev	BDA (Bathinda Development Authority)									
7	Existing Land use as per Master Plan	Residential	Residential									
8	Proposed for (Redevelopment, up- gradation, relocation)	In-situ Redevelopment										
9	Slum Population	5239 (Male -2743, Female – 2496)										
10	Slum Households	1280										
11	Religion	Hindu		Muslim Sikh			Christian	Other				
		916 (71.56%)		22 342 .72%) (26.72%)				-				
12	Caste Composition	General	:	SC	ST		OBC	Other				
		69 (5.39%)	1073 (83.83%)		4 (0.31%)		134 (10.47%)	0				
13	Source of Income	Self Employed	Sala	aried	Regular Wage		Casual Labor	Other				
		6 (0.47%)		409 1.95%)	853 (66.64%)		2 (0.16%)	10 (0.78%)				
14	Monthly Household Income	Less than 500	500	-1000	1000-1500		1500-2000	2000-3000 & More than				
		2 (0.16%)		35 .73%)	12 (0.94%)		530 (41.41%)	701 (54.76%)				
15	Ownership	Patta					Public Land Encroached					
								1265 (98.83%)				
16	Housing Condition	Рисса		Semi Pucca			Katcha					
		-		694 (54.22%)			586 (44.78%)					

EXISTING HOUSING CONDITIONS OF SLUM



















Infrastructure Analysis

EXISTING INFRASTRUCTURE DHOBIYANA, RAMDEV

INFRASTRUCTURE AVAILABILITY – WATER SUPPLY

Individual Tap	Public Tap	Tube well/Bore well	Hand pump	Open well	Tank /Pond	River/Canal/Spring/ Lake	Other	Total
458	33		66	708			4	1280
(35.78%)	(2.58%)	11(0.96%)	(5.16%)	(55.21%)	0	0	(0.31%)	

Sanitation

Name of the Slum	Own Latrines		Shared Latrine		Community		Open Defecation	Total
	Septic Tank	Dry Latrine	Septic Tank	Dry Latrine				
Dhobiyana	27 (2.11%)	44 (3.44%)	11 (0.86%)	9 (0.70%)	1180 (92.19%)		9 (0.70%)	1280

There is no sewer line within the slum and mostly households are used own septic tank and dry latrines.

Accessibility

Drainage

through on open drain.

Most of the households in slums have accessibility through motorable katcha road

The waste water is mainly drained through the self made katcha drain which leads to unhygienic condition in slum, even sullage water from the dwelling,

Solid Waste

There is no facility for solid waste management e.g. collection, transportation and recycling, which is also one of the reasons for unhygienic conditions leading to health problems in this slum

Telecommunication Network

There is no telecommunication facility available in slum.

EXISTING INFRASTRUCTURE











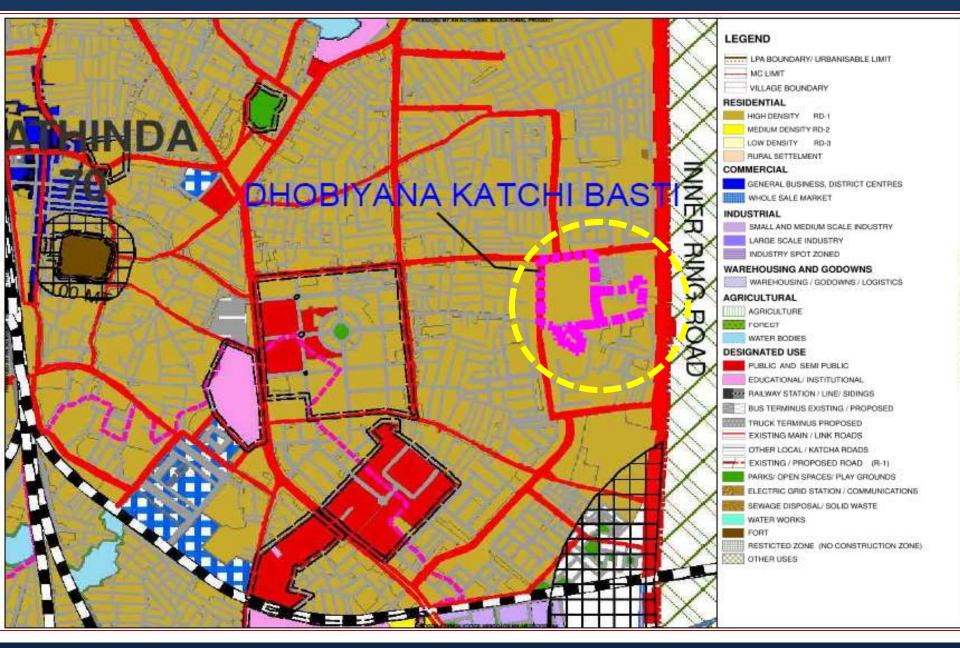




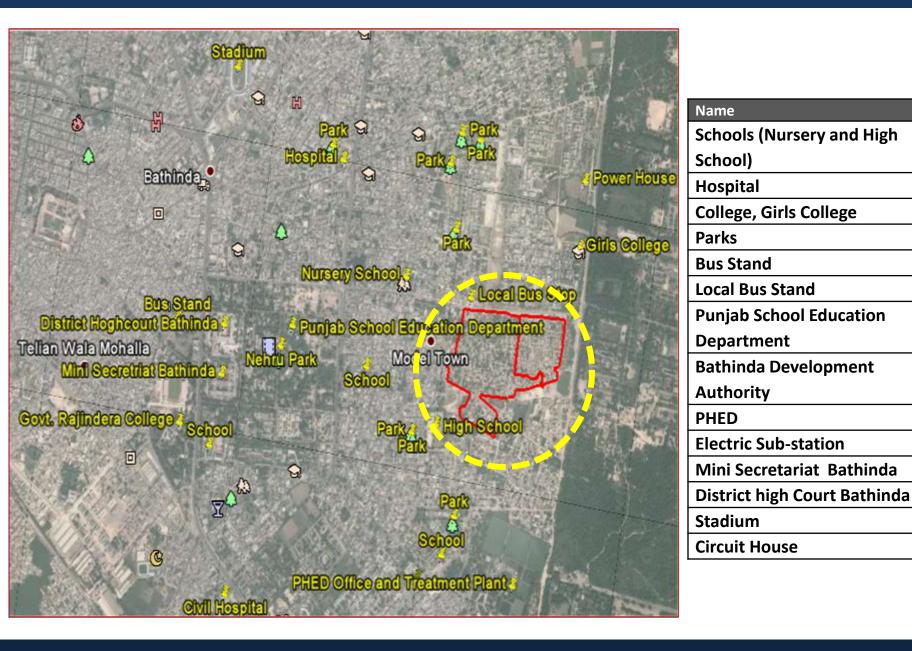




LOCATION OF SLUM IMPOSED ON SATELLITE IMAGERY AND MASTER PLAN



SOCIAL INFRASTRUCTURE AVAILABLE IN SURROUNDING AREAS (1-2 KM)



Community Involvement in Project Planning

TOPOGRAPHICAL MAPPING



COMMUNITY INVOLVEMENT



COMMUNITY INVOLVEMENT



COMMUNITY INVOLVEMENT

During Project Planning

























BENEFICIARIES INVOLVEMENT IN PROJECT PLANNING

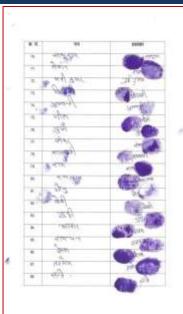
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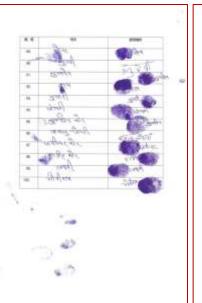












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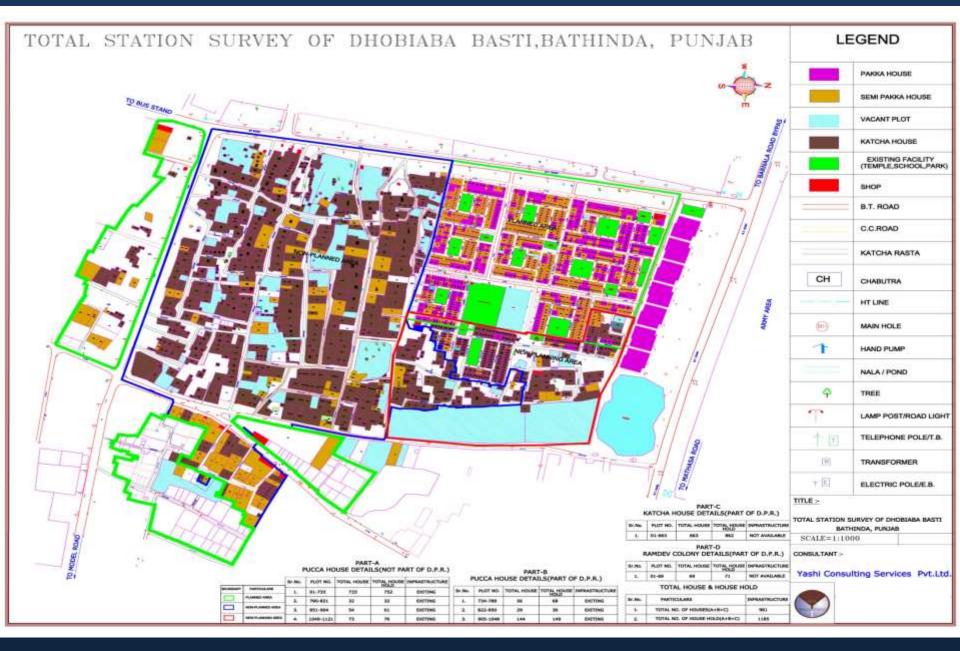


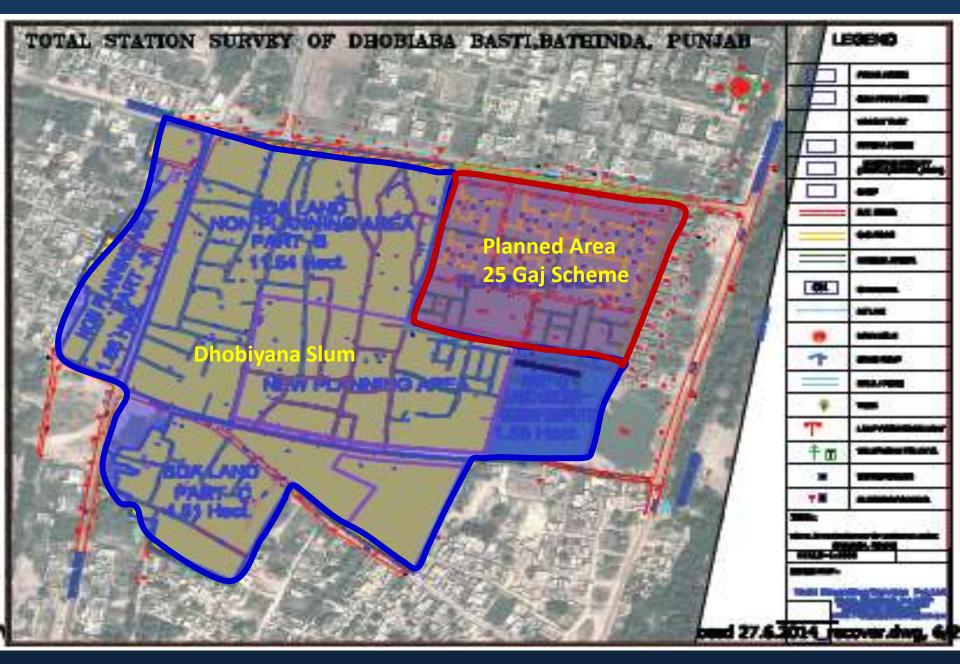




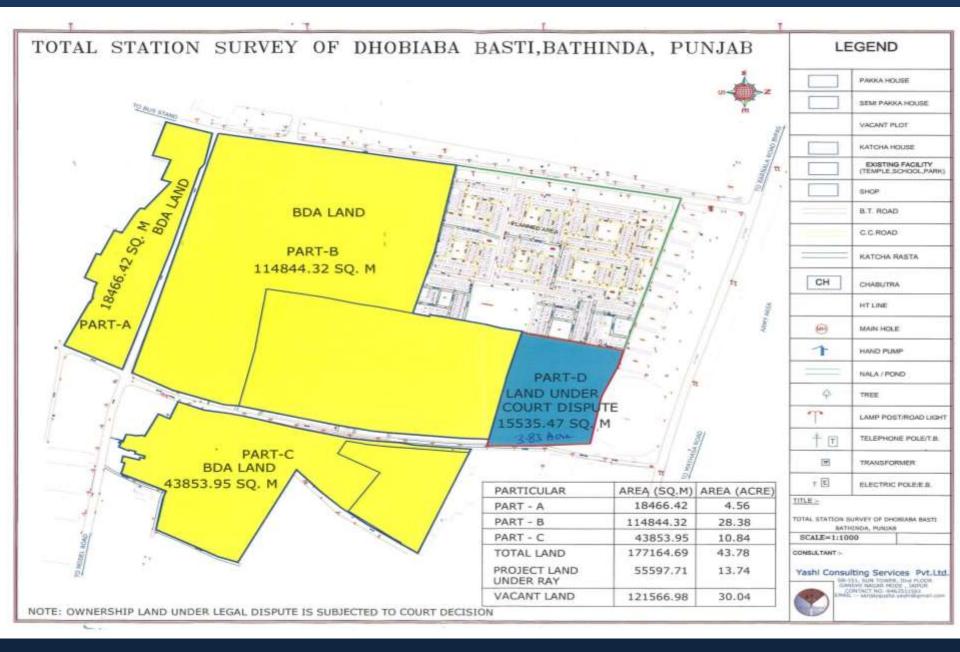
Project Planning

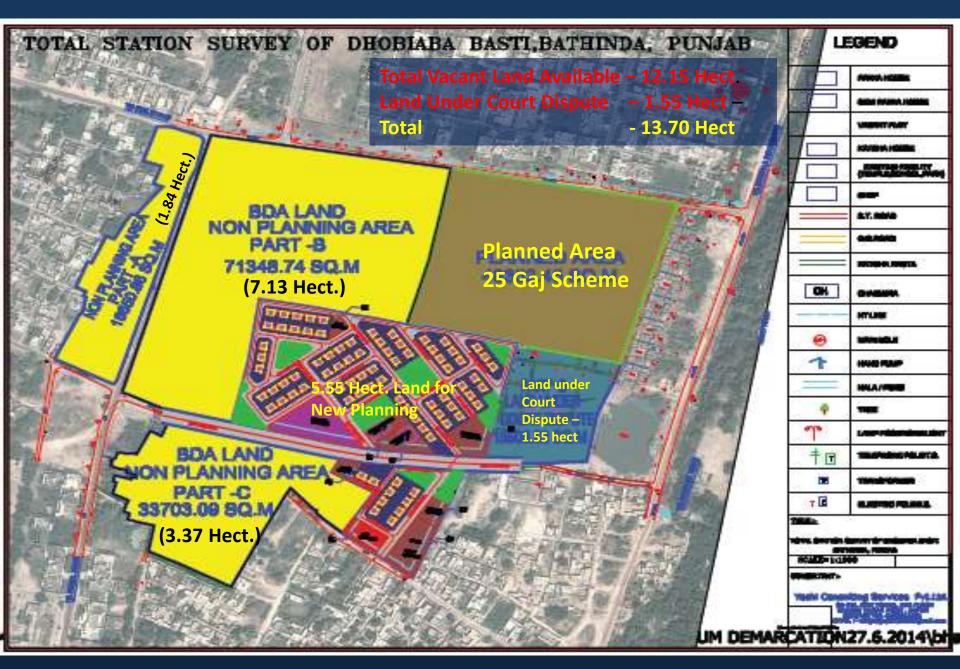
TOTAL STATION SURVEY OF SLUM





TOTAL STATION SURVEY OF SLUM





3 D Views











COMMUNITY CENTRE LAYOUT PLAN AND 3 D VIEW



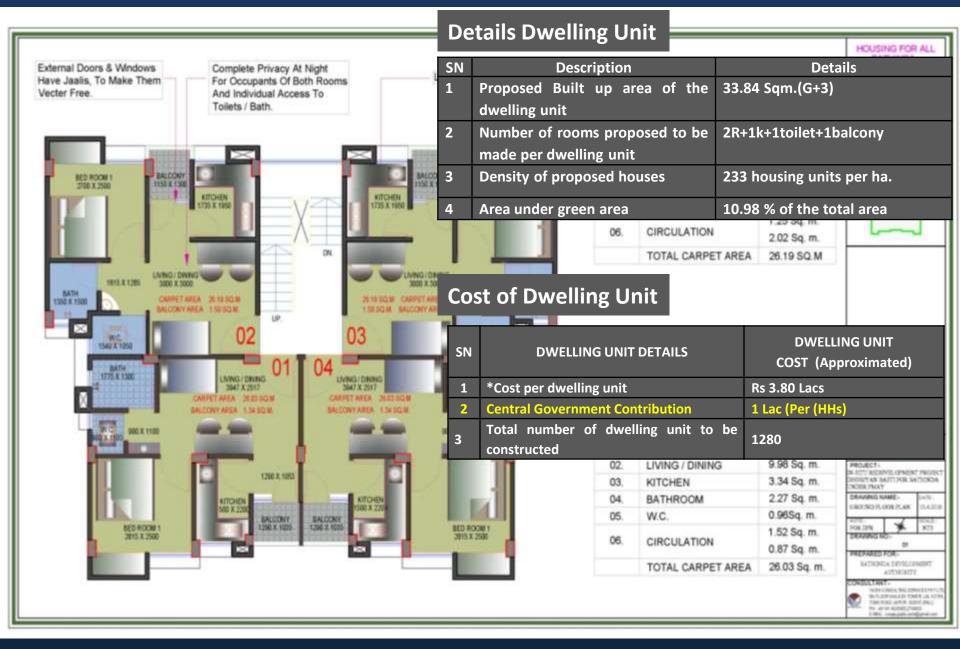
LAYOUT PLAN OF LIVELIHOOD CENTRE AND **3** D VIEW



PROPOSED DWELLING UNITS DESIGN



PROPOSED DWELLING UNITS DESIGN



PROPOSED LAYOUT PLAN



Project Cost Estimates

COSTING ABSTRACT

		AMOUNT
SN	PARTICULARS	(In Lac)
1	PART : "A" :	
	Housing	
	(i) Dwelling Units	4698.55
2	PART : "B" :	
	Infrastructure	
	(i) Roads & L shape drain	134.12
	(ii) Water Supply Scheme	117.11
	(iii) Sewerage Scheme	58.05
	(iv) External Power Electrification (Incl Street Lighting)	276.12
	(v) Solid waste System	2.36
	(vi) Rain Water Harvesting (6 Nos.)	16.32
	PART : "C"	
	Social Infrastructure	
	(i)Development of Park (Arboriculture)	3.40
	(ii)Construction of Community Center	49.37
	(iii) Construction of Livelihood Center	25.99
	Total Infrastructure	682.84
	Grand Total	5381.39
	Add O & M @ 2%	107.63
	Building Capacity & Community Mobilisation @ 2%	107.63
	Add A & OE @ 1.25% (DPR Preparation & PMC)	67.27
	Grand Total	5663.91 (Lacs)

Annexure – 7A

EXECUTIVE SUMMARY

1. FORMAT FOR 'IN-SITU REDEVELOPMENT PROJECTS

WITH PRIVATE PARTNERS - ANNEXURE 7A

1	Name of the State	1	Punjab								
Z	Name of the City	1	Bathinda	Bathinda							
3	Name of the Slum		Dhobiyana Katchi Basti, Ramdev Basti								
4	Project Name		Pradhan N	Pradhan Mantri Awas Yojana – Housing for All							
5	Project Code *		1				215				
6	State Level Nodal Agency		PUDA (Pur	jab Urban i	Nanning a	nd Develop	ment Authority)			
7	Implementing Agency (Urban Local Body/ Development Authority/ Housing Board/ Urban Improvement Trust/ Designated Slum Rehabilitation Agency/ Private agency/ Developer)	44	BDA (Bathinda Development Authority)								
8	Date of approval by State Level Sanctioning and Monitoring Committee (SLSMC)	-									
9	Project Cost (Rs. In Lakhs)		5663.91								
10	Project Duration (in months)		36 Months								
11	i. Status of slum (Please write: 1 if notified, 2 if recognised and 3 if identi-fied)		1 (Notified)								
	ii. Total slum area (Sqm.)	1	144970.95 Sg. m (Dhobiyana Katchi Basti) 4656.84 Sg. m (Ramdev)								
	III. Area under slum rehabilitation (Sqm.)	-	55597.71								
	iv. Slum Population		1.	Dhobiyana Slum - 4354 Ramdev Slum - 309							
12	No. of existing slum households	1000	Dhobiyana Katchi Basti								
			Gen	SC	ST	OBC	Minority	Tota			
			69	1016	4	134	~	1223			
			Ramdev Basti								
			Gen	SC	ST	OBC	Minority	Tota			
				57	0	0		57			
13	No. of eligible slum households	1	1223+57 = 1280 HHs								
14	No. of houses proposed (slum rehabilitation only) with carpet area	4	1280								
15	Whether beneficiary have been selected as per PMAY guidelines? (Yes/No)	4	Yes								

16	Whether private partner has been selected through open	Ŧ	- 花
	competitive bidding? If yes, date of bidding		
17	Incentives to Private Partner	4	- 4
	I. Existing FSI in the area		1.65
	II. FSI provided in the project	1	
	III. Other Incentives, if any		NA
18	L Gol grant required (Rs. 1.0 lakh per eligible slum dweller) (Rs. In Lakhs)	¢.	1280 lakh (1 lac for per eligible slum dweller)
	II. State grant, if any (Rs. In Lakhs)	÷	Self Sustainable Project (Against land as resource)
	III. ULB grant, If any (Rs. In Lakhs)		NA
	iv. Beneficiary Share (Rs. In Lakhs)	4	To be decided by BDA
	Total (Rs. In Lakhs)	4	5663.61 Lacs
19	Whether technical specification/design for housing have been ensured as per Indian Standards/NBC/ State norms?	+	NBC/State Norms
20	Type of temporary arrangement for beneficiaries during construction period provided in the project (Rent / Transit Shelter)	1	Transit Shelter within project area
21	Whether trunk infrastructure is existing or is being provided through AMRUT or any other scheme? (Yes/No)	i	Yes.
22	Whether the provision of Clvic infrastructure has been made as per applicable State norms/CPHEEO norms/IS Code/NBC? i. Water Supply (Yes/No)	**	Yes
	E. Sewerage (Yes/No)	i÷.	Yes
	III. Road (Yes/No)	1	Yes
	iv. Storm Water Drain (Yes/No)	÷	Yes
	v. External Electrification (Yes/No)	÷	Yes
	vl. Solid Waste Management (Yes/No)	3	Yes
-	vii. Any other, specify	1	Parking, Livelihood & Community Centre Proposed

	viii. In case, any infrastructure has not been proposed, reasons thereof	(000) (000)	NA
23	Whether disaster (earthquake, flood, cyclone, landslide etc.) resistant features have been adopted in concept, design and implementation of the project?		Yes
24	Whether Quality Assurance is part of the Project, if not, how it is proposed to be ensured?		NA
25	Whether O&M is part of Project, If yes, for how many years?	8	5
26	Whether encumbrance free land is available for the project or not?	æ	Yes
27	Whether any innovative/cost effective/Green technology adopted in the project?	3	Yes
28	Comments of SLAC after techno economic appraisal of DPR		Yes
29	Project brief including any other information ULB/State would like to furnish	÷	NA

*State will give code number to each project sanctioned under HFA as 'ABCDEFGHUKLM'(Where, 'AB' is State Code as per census, 'CDEFGH' is City Code as per census, 'U' is running number of project of the city and 'K' is project component code i.e. 'K' will be 1 - for In-situ slum development, 2- for Relocation, 3 – for AHPand 4 – for Beneficiary Led Construction or enhancement), 'L' will be N-for New, R – for Revised, 'M' will be running number which will be 0 for new and 1 and so on for revisions

It is hereby confirmed that State/UT and ULB have checked all the beneficiaries as per guidelines of HFA. It is also submitted that no beneficiary has been selected for more than one benefit under the Mission including Credit Linked Subsidy Scheme (CLSS) component of the Mission.

Consolidated information of all slums being redeveloped with use of Mission grants is enclosed.

Signature (State Level Nodal Officer)

Signature (Secretary/Principal Secretary, Concerned Department)

2. CONSOLIDATEDINFORMATION ON SLUM BEING REDEVELOPED IN THE STATE, ULB WISE AS ON DATE – ANNEXURE 7A

Date:_____

SN	Name of the project	No. of DUs (slum rehabilitation only)	Date of Sanction	Project cost (slum reha- bilitation Part)	Deployment of Gol share (Rs. in lakhs)
1	ʻln-situ' Slum	1280		5663.91	1280 Lakh
	Redevelopment	· · · · · · · · · · · · · · · · · · ·			
	Projects with				
	Private Partner				

Note – Provision of funds for slum development has already been taken under BDA Budget for PMAY scheme. **Annexure – 16** (Budgets Provision 2016-17 for construction of 1280 houses under Pradhan Mantri Awas Yojana)

Signature (State Level Nodal Officer) Signature (Secretary/Principal Secretary, Concerned Department)

BUDGEST ESTIMATES 2016-17 FOR CONSTRUCTION OF 1280 HOUSES UNDER PRADHAN MANTRI AWAS YOJANA - BDA

SCHEME-WISE BREAK-UP REVISED BUDGET ESTIMATE 2015-2016 AND BUDGET ESTIMATES FOR THE YEAR 2016-2017 AT OF WORKS EXPENDITURE ON CONSTRUCTION OF SOCIAL HOUSING SCHEMES

ANNEXURE- 'G' (Detail)

(Figures in Lac)

			1411-117-1771-17		011112-012-0		N			(Figures in Lac)	
Sr. No.	Name of Scheme	Estimated Cost	Actual Exp. for 2014- 2015	Budget Estimate for 2015- 16	Actual Exp. for 1/4/2015 to 30/11/2015		(Revised Budget Estimate	Excess	Surrender	Budget Estimate for 2016- 17	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
	SOCIAL HOUSING SCHEMES		1 1	1	1 1	· · · · ·				[· · · ·]	
1	Maintainance Works)			1			
1	Maintenance of 6 Nos. Toilet Blocks at 1294 Nos. Site & Service, Ph-III,BTI.	3.00	1.40	2.00	1.05	0.95	2.00	0.00	0.00	2.50	
2	Special Repair of Street Light at 1294 Nos. Site and Services, Phase-III, Bathinda.	2.00	0.00	2.00	0.00	1.50	1.50	0.00	0.50	2.00	
3	Prov. Campus Lighting at Main/Central Store, Bathinda	2.50	0.49	0.50	0.00	0.00	0.00	0.00	0.50	1.00	1
4	Maintenance of of 203 EWS Houses Ph-III Part-I, Bathinda.			1	1			1			
τ	Civil work	20.00	0.00	10.00	0.00	0.00	0.00	0.00	10.00	10.00	
ij.	PH Work	5.00	0.00	3.00	0.00	0.00	0.00	0.00	3.00	3.00	
-	Elect. Work	5.00	0.00	3.50	0.00	1.00	1.00	0.00	2.50	4.00	
5	Annual Maintenance of 1294 Nos. Site & Services Ph-III, Bathinda. (Elect. Work)	5.00	0.00	1.50	0.00	0.00	0.00	0.00	1.50	0.00	
6	Construction of BDA Store in Urban Estate Phase-II Part-I, Bathinda.	28.00	5.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Watch & Ward at BDA Store UE Phase-2, Part-1 Bathinda	4.00	0.50	4.00	2.00	2.00	4.00	0.00	0.00	4.50	
	-		-26-								
B	SOCIAL HOUSING SCHEMES (NEW SCHEMES)		6 8		2 2			3			
1	Const.of 1152 Nos. EWS Houses at Bathinda.(Composit work) (6800 lacs)										
1	Civil work	5100.00	0.00	5100.00	0.00	0.00	0.00	0.00	5100.00	0.00	
#	Internal Public Health	1020.00	0.00	1020.00	0.00	0.00	0.00	0.00	1020.00	0.00	
ш	Elect. work	680.00	0.00	680.00	0.00	0.00	0.00	0.00	680.00	0.00	
2	Construction of 226 Nos. Site&Services,Ph-III,Part-I,Bathinda.	65.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2
(1)	Internal Public Health	10.00	0.00	10.00	0.00	0.00	0.00	0.00	15.00	0.00	
(ii)	Electrical Work (H.T.&L.T. Line)	15.00	0.00	15.00	0.00	0.00	0.00	0.00	15.00	15.00	
3	Const.of 1209 Nos. EWS Houses at Urban Estate Phase-III part-I, Bathinda.(Prime Minister Avas Yojna) (Provision has been sanctioned for 1280 EWS houses)										
1	Civil work	5100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1000.00	
н	Internal Public Health	1020.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00	
ш	Elect. work	680.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	
-	TOTAL	13764.50	7.78	6851.50	3.05	5.45	8.50	0.00	6848.00	1442.00	

Thank You