



### Annexure 3

### Third Party Quality Monitoring Report of BLC projects under PMAY

Name of TPQM Agency	Innovative CADD Centre Indore 102, Arpan Apartment 35, Saket Nagar, Indore
Date of Visit	13-12-2018
Current Visit No.	1 st
Date of Previous visit	Nil

#### A. PARTICULARS OF PROJECT

1	Name of the State /UT:	Uttar Pradesh				
2	Name of the City:	Chandauli				
3	Name of Project:	Construction of 1177 DUS under PMAY 26th CSMC 27-09-2017				
4	Project Code:	0900759914N0				
5	Implementing Agency/ ULB	PDDU Nagar				
6	Location of the Project	Wards of ULB				
7	Type of Project : (i) BLC (New Construction), (ii) BLC (Enhancement)	BLC (New Construction)				
8	No. of Houses in the project	1177				
9	Date of Approval by SLSMC	25-09-2017				
10	Approved Project Cost (Rs. Lakhs):	Central share (in Lakhs)	State share (in Lakhs)	ULB/ IA share (in Lakhs)	Beneficiary share (in Lakhs)	Total (in Lakhs)
		1765.5	1177.0	0.0	1012.2	3954.7
11	Date of sanction of 1 <sup>st</sup> installment of Central Assistance by CSMC	27-09-2017				
12	Duration of the project	1 Yrs				
13	Date of Commencement	Scheduled 27-09-2017			Actual 12-10-2017	
14	Date of Completion	Scheduled 27-09-2018			Expected 12-10-2018	
15	Inspection undertaken by (Name) (with contact detail) :	S.K.Khandelwal			9424468805	
		Tausif Iqbal			9111008971	
16	Name of State representative present	Not Present				
17	Name of ULB representative present	Aditya Kr. Sonkar			9910731858	
18	Name of Community representative present during visit	List Enclosed with Photos				
19	Whether list of Beneficiaries finalized ?	Yes				
20	If finalized, whether uploaded in PMAY MIS?	Yes				
21	State any deviation from sanctioned DPR in terms of number of houses or size or location or Layout	No				
22	Any other comment	No				



## B. QUALITY ASSURANCE IN THE PROJECT

1	Whether ULB/ State have organized workshop/ training programs to educate the beneficiaries about quality, construction methods, adherence to disaster resistant technologies etc.	NO
2	Whether testing facilities to check quality of material is available?	No, there is no facility
3	Whether regular tests of materials and construction products tests of materials are being done from accredited labs also?	Niether regular tests of materials nor construction products tests of materials are being done from accredited labs also.
4	(i) Whether the structural Designs are approved / Proof checked by competent Authority	Not provided
	(ii) Name of the approving authority for structural design.	Nil
	(iii) Whether the statutory certificate for disaster resistance design and compliance of codal provision is endorsed by the structural designer on the structural drawings fit for execution, Specially in case of multi- storied construction.	Not Required
	(iv) The work is being executed as per the approved drawings fit for execution.	NO
5	Whether the Inspection Registers, Site order book and Quality control Test registers are maintained and endorsed by the Engineer-in-charge?	Not available
6	Whether cement, steel, aggregates etc. being used in the work, got tested before use?	Cement, steel, aggregates etc. are used in the work, were not tested before use.
7	Whether manufacturer test certificate for cement, steel, pipes etc. have been obtained with supply and records are being maintained?	NA
8	Whether Cement is free from lumps and is stacked properly to prevent contact with moisture?	Yes
9	Whether soil investigations of the site proper have been done before the structural design and soil parameters have been accounted for in the structural design/ drawings? If yes, attach copy of soil investigation report.	No, Soil investigations have been done



10	Whether centering /shuttering is checked for staging & propping, line & level, dimensions, cleaning etc. and its quality approved before each stage and record maintained.	NA
11	Specific control on RCC work like: mixing by full bag capacity hopper fed mixer, control of slump, placing/ compaction with vibrator. (proportioning with boxes not permitted)	Manual mixing with hand compaction
12	Whether cement register is maintained and checked at site. Comment on method of stacking.	No cement register have been maintained .
13	Whether concrete mix is nominal or design mix? (Nominal mix not permitted for quality concrete).	Nominal mix (as reported by beneficiary)
14	What is the Mode of Concrete mixing (batch mix/ manual)? In case of manual mixing, whether mixing is by weight or by volume of ingredients? (Volumetric mixing not permitted).	Volumetric manual mixing has been used.
15	Whether Mixer/Vibrator as specified is available at site with adequate means to run them during concreting?	NA
16	Whether Surface of reinforcement is clean and free from rust?	
17	Whether potable water is used for construction ?	Yes
18	Whether proper water / cement ratio has been ensured?	NA
19	Whether the concrete being cured adequately as per requirements?	Yes
20	Whether bricks are well burnt, of rectangular shape, with sharp edges, free from cracks and of correct size?	Yes
21	Whether i) Execution of Depth & width of Foundation is as per drawing/ adequate & bottom levelled ii) Plinth height is as per drawing/ adequate iii) Horizontal bands (as applicable) have been provided	Construction work is being done by beneficiaries & Sample checks are being done by IA
22	Whether quality has been checked by TPQMA/ State agency? If yes, details there of ?	It was checked randomly. The construction quality is satisfactory.

Innovative Cadd Center

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23	Quality of work and workmanship, Comments on	
(i)	RCC work (concrete, Reinforcement detailing, cover to reinforcement). Whether Columns are in plumb (check for verticality)	Jointing and RCC bands are partially provided
(ii)	Masonry (Joint details, verticality). Check adequate RCC bands are provided.	Masonry work is good.
(iii)	Shuttering (Type of material-pucca/ katcha, support spacing )	Steel shuttering are mainly used but somewhere wooden shuttering are also used with steel shuttering.
(iv)	Bar bending and stirrups bending , placement and cover to reinforcement bars.	Construction site have been checked by IA
(v)	Plastering	Satisfactory
(vi)	Doors and windows	Satisfactory
(vii)	Seepage, if any	Not found
(viii)	Cracks, if any	NA
(ix)	Honey combing, if any	Honeycomb are observed that in some place
(x)	Any other	OK
24	Whether provision has been made for Service lines (Electrical, Water Supply, Sanitation etc.)	Yes
25	Whether floor slope (especially) in bath, WC, kitchen, terrace and balcony etc. are proper?	Yes
26	Whether adequate plinth height ( above the general ground level) is provided to the ground floor of the building to avoid possibility of rainwater and reptiles in the building.	Yes
27	Whether dampness/leakages noticed? If yes, state location and probable reasons.	No dampness found
28	Whether remedial measures are undertaken by IA/ ULB to stop Dampness & Leakages if any?	NO
29	Whether disaster resistant features have been incorporated?	The construction is being carried by beneficiaries and quality of construction
30	Any other comments	NO
31	Report on Overall assessment of quality	All records & registers should be maintained at the site. Given instruction & norms should be followed.



<b>C. PROGRESS - HOUSING COMPONENTS</b>			
1	Numbers of houses sanctioned in the Project	1177	
2	Numbers of houses Completed	23	
3	Numbers of houses in progress	1127	
4	Stages of Progress:		
i)	Foundation level (Nos.)	399	
ii)	Plinth level (Nos.)	515	
iii)	Lintel level (Nos.)	106	
iv)	Roof level (Nos.)	103	
v)	Finishing level (Nos.)	4	
5	Numbers of houses not started	27	
6	Reason for non-starter of houses, if any	27 are surrendered	
7	Numbers of houses occupied by the Beneficiaries	23	
8	Reasons for Non-occupation of houses (If any)- specific reasons to be given	Under Construction	
9	Size of Unit (Carpet Area)	Sanctioned	As per Implementation
		Proposed avg. 30 sq.m	Most of the houses are 30 sqm
10	Overall physical progress of Housing (in %)	48%	
11	Whether the progress of houses has been ensured through geo-tagged photographs at various construction level?	Yes	
12	Whether DBT of fund to individual beneficiary is ensured in the project?	Yes	
13	Whether the building plan(s) conform to NBC norms?	Yes	
14	Whether authenticated building plans and revisions if any, are available?	Yes	
15	Deviation, if any	No	
16	Any other comment	No	
<b>D. CIVIC INFRASTRUCTURE</b>			
1	Whether provision of Civic infrastructure components (i.e. water supply, Sewerage, Drainage, Roads, SWM etc.) has been ensured?	Yes	



2	Whether the Existing/proposed infrastructure components are independent and/or integrated with city level infrastructure?	NA
3	Any other comments	No

**E. SOCIAL INFRASTRUCTURE**

1	Whether provision of Social Amenities (i.e. School, Anganwadi, Health centre, Community centre, Livelihood centre etc.) has been ensured?	Yes
2	Any other comments	No

**F. FINANCIAL PROGRESS & FUND UTILIZATION (Rs. in Lakhs)**

1	Sanctioned fund for entire project.	3954.72
2	Amount of funds received up to date	1177.00
3	Up-to date Expenditure	1177.00
4	Amount of funds Utilized (out of received)	1177.00
5	Amount of Expenditure by ULB	Nil
6	Amount of Expenditure by Beneficiaries	Construction work is being done by beneficiaries
7	Balance funds Expected/due from stakeholders	1177.00

**G. COST VARIATION and TIME-OVERRUNS****Cost variation:**

1	Whether there is cost variation? If yes, what are the reasons?	Not applicable for BLC works
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**Time Overruns:**

1	Whether there is time overrun? If yes, what are the reasons?	Not applicable for BLC works
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**H. REMEDIAL MEASURES TO IMPROVE PROGRESS AND QUALITY****Undertaken by Implementation agency to improve the:**

1	Physical Progress	48%
2	Financial Progress	Timely payment of installments must be assured to beneficiaries.
3	Quality management	Supervision from the side of PMC need to be improved for quality.
4	Comments and suggestions of TPQMA on above	Construction carried out by beneficiaries are good. Maintain a workshop for beneficiaries ward wise to give knowledge about construction.

**I. COURT CASES AND LITIGATIONS**

1	(To be specified)	
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<b>J. OTHERS</b>		
1	Any innovative/ cost effective/ green technology has been used	No
2	Feedback of beneficiaries regarding provision of Physical & Social infrastructure:	Satisfactory
3	Reasons for delay in completion of housing and Infrastructure, if any:	No Delay
4	Any specific observation by the beneficiary	No
5	Overall observation on the project (with adequate photographs covering project to a large extent including quality issues as applicable)	
	1. Critical observations	Progress of the project is satisfactory
	2. Action suggested by TPQMA to SLNA and IA	No action
6	Action taken report on previous report: i. Observations of TPQMA ii Action suggested by TPQMA iii Action taken by Beneficiaries/ IA (Implementation Agency) iv Whether TPQMA is satisfied with the action taken	This was the first visit
7	TPQMA's Overview of the Project (in 400-500 words) in a separate sheet	The overall project progress is satisfactory and beneficiaries are active. the construction is being carried by beneficiaries themselves and guidance on construction techniques is being provided by PMC. To improve the quality of work regular visit of ULB officials is recommended.



For  
Innovative CADD Center  
Indore, Indore,

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**Name of Community representative present during visit**

<b>ULB NAME::Mughalsarai</b>		
<b>S.No</b>	<b>Benf. Name</b>	<b>Father/Husband Name</b>
1	LAKSHMI	KAILASH
2	KISHMATI DEVI	RAMFER
3	MAHENDRA PRASAD	CHANDRA BALI
4	DROPATI	PRITAM KUMAR
5	LALMATI	SUBASH
6	MARAKSHI	MALLU
7	CHANDRAKALA DEVI	SANTOSH
8	MAMTA	DINESH KUMAR
9	SATTI DEVI	SOMARU
10	CHHOTAKI	RAJARAM
11	VIMALA DEVI	VINOD KUMAR
12	RAMRATI DEVI	JANGALI RAM
13	RAJBALA	SURESH CHANDRA
14	HARISHCHAND	DASU
15	ISRAWATI DEVI	DHARMU
16	SHEELA	SURESH
17	CHANDRATARA	RAM KISHUN BTOHI
18	KAMLI	VIJAY KUMAR
19	SHEELA	TRIBHUWAN
20	SHEEMA	KESHAW
21	SAVITRI	CHANDRIKA
22	PRAMILA	RAMESH
23	KAMLAWATI	SAHABLAL
24	BEILI	SHREEPATI
25	SUSHILA	POOJAN
26	HARIRAM	BHAGELU RAM
27	SUSHILA	RAMU
28	KAMLI DEVI	DAYARAM
29	SUSHILA DEVI	GYAN CHANDRA
30	SAVITA DEVI	CHANDRABHAN
31	GEETA DEVI	PRAHLAD
32	NIRMALA	JHINAK
33	RATIYA	SANTLAL
34	ANITA DEVI	BUJHARAT RAM
35	SUDAMI	PRAKASH
36	SUSHMA	BRIJBHAN
37	KUMARI	BUDHIRAM
38	CHANDR DEV	RAMNARESH
39	INDRAJEET	BIHARI RAM
40	MEENA DEVI	MATROO
41	SAKUNTHALA	MASTANA
42	SHEELA DEVI	DAMRU SONKAR
43	GETA DEVI	BASANTA SONKER
44	SAVITRI	MUNNA
45	KAMLA DEVI	LALAN SONKAR
46	SONMATI	RAMESH
47	SUDHIA DEVI	KAMAL
48	ASHA	KASTURI
49	DEIYA	BALDEV
50	USHA DEVI	MOLAI SONKAR
51	LAGAN SONKAR	HARI SONKAR
52	CHANDAR SONKAR	SURYABALI
53	SANTLAL	TUWAR
54	GEETA DEVI	LALMAN YADAV
55	ANIL KUMAR	MOTI CHAND



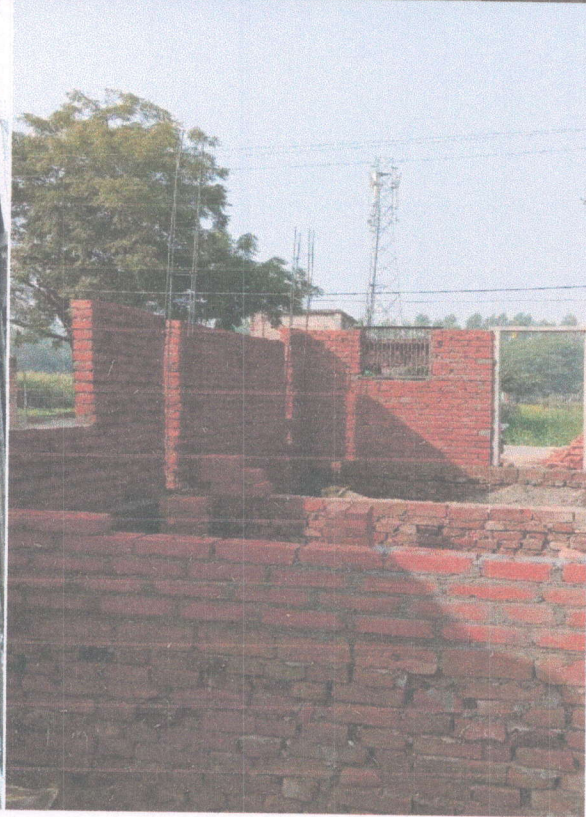
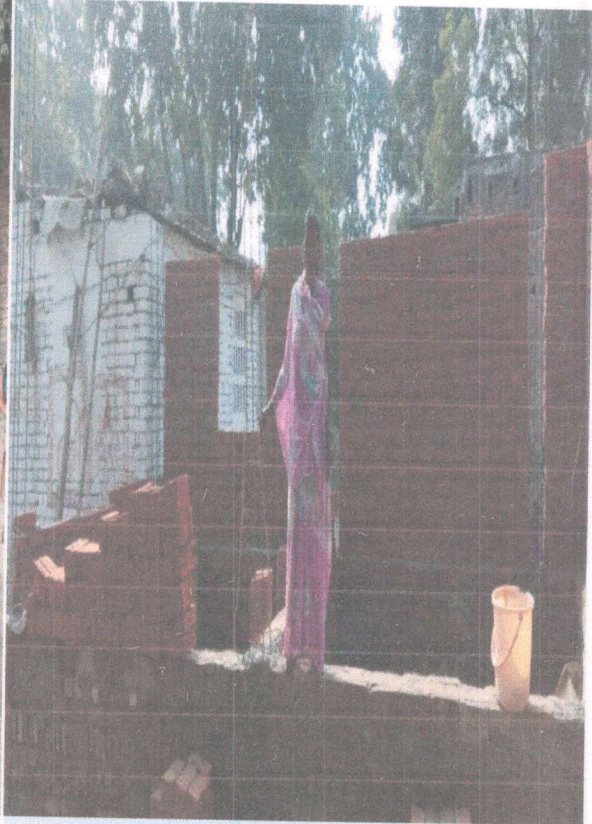
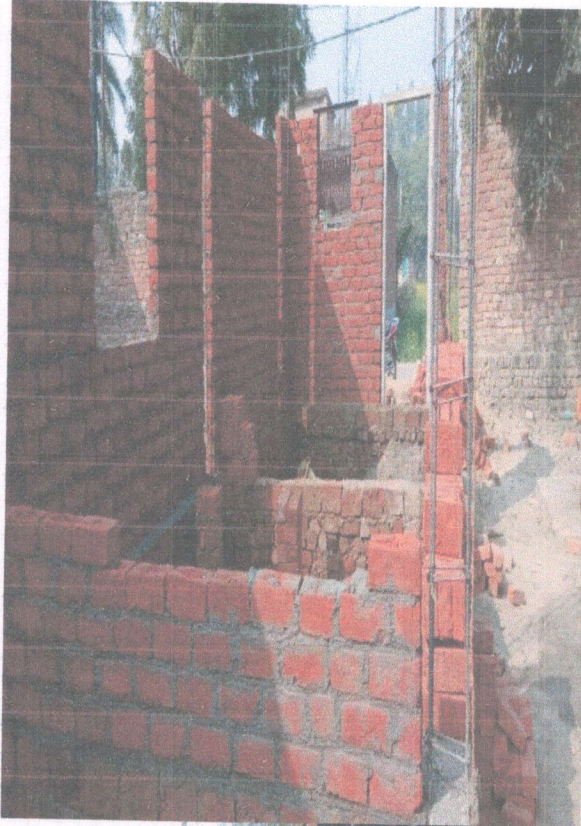
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