



Annexure 3

Third Party Quality Monitoring Report of BLC projects under PMAY

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|------------------------|---|
| 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: | Siddharth Nagar | | | | |
| 3 | Name of Project: | Construction of 74 DUS under PMAY 33rd CSMC Dt. 27/04/2018 | | | | |
| 4 | Project Code: | 09007514014N0 | | | | |
| 5 | Implementing Agency/ ULB | Siddharth 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 | 74 | | | | |
| 9 | Date of Approval by SLSMC | 26/04/2018 | | | | |
| 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) |
| | | 111.0 | 74.0 | 0.0 | 96.2 | 281.2 |
| 11 | Date of sanction of 1 st installment of Central Assistance by CSMC | 24-03-2018 | | | | |
| 12 | Duration of the project | 1 Yrs | | | | |
| 13 | Date of Commencement | Scheduled | | | Actual | |
| | | 24-03-2018 | | | 08-04-2018 | |
| 14 | Date of Completion | Scheduled | | | Expected | |
| | | 24-03-2019 | | | 08-04-2019 | |
| 15 | Inspection undertaken by (Name) (with contact detail) : | Rajeev Kumar | | | 9111008975 | |
| | | Abhinav Pandey | | | 9425300912 | |
| 16 | Name of State representative present | Not Present | | | | |
| 17 | Name of ULB representative present | Vishal Pathak-9455564542 | | | | |
| 18 | Name of Community representative present during visit | Yes, | | | | |
| 19 | Whether list of Beneficiaries finalized ? | Yes, | | | | |
| 20 | If finalised, 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 | | | | |

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B. QUALITY ASSURANCE IN THE PROJECT

| | | |
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| 1 | Whether ULB/ State have organized workshop/ training programs to educate the beneficiaries about quality, construction methods, adherence to disaster resistant technologies etc. | Yes |
| 2 | Whether testing facilities to check quality of material is available? | No, testing facilities are available at sites. |
| 3 | Whether regular tests of materials and construction products tests of materials are being done from accredited labs also? | No |
| 4 | (i) Whether the structural Designs are approved / Proof checked by competent Authority | NA |
| | (ii) Name of the approving authority for structural design. | NA |
| | (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. | NA |
| | (iv) The work is being executed as per the approved drawings fit for execution. | Yes |
| 5 | Whether the Inspection Registers, Site order book and Quality control Test registers are maintained and endorsed by the Engineer-in-charge? | NO |
| 6 | Whether cement, steel, aggregates etc. being used in the work, got tested before use? | No |
| 7 | Whether manufacturer test certificate for cement, steel, pipes etc. have been obtained with supply and records are being maintained? | No, Beneficiaries are purchasing material from authorised local retailer |
| 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. |



| | | |
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| 10 | Whether centering /shuttering is checked for staging & propping, line & level, dimensions, cleaning etc. and its quality approved before each stage and record maintained. | Check by ULB Staff . |
| 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) | Hopper use in Major work like Slab. |
| 12 | Whether cement register is maintained and checked at site. Comment on method of stacking. | No cement register have been maintained and the work has been carried out on petty purchases. |
| 13 | Whether concrete mix is nominal or design mix? (Nominal mix not permitted for quality concrete). | Nominal mix has being used |
| 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 mixing (as reported by beneficiary) |
| 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? | YES |
| 17 | Whether potable water is used for construction ? | YES |
| 18 | Whether proper water / cement ratio has been ensured? | YES |
| 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 | Adequate |
| | ii) Plinth height is as per drawing/ adequate | Adequate |
| | iii) Horizontal bands (as applicable) have been provided | Partially Provided |
| 22 | Whether quality has been checked by TPQMA/ State agency? If yes, details there of ? | It was checked randomly. The construction quality is satisfactory. |

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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) | Wooden Balli use |
| (iv) | Bar bending and stirrups bending , placement and cover to reinforcement bars. | Adequate |
| (v) | Plastering | Good |
| (vi) | Doors and windows | Satisfactory |
| (vii) | Seepage, if any | No |
| (viii) | Cracks, if any | NA |
| (ix) | Honey combing, if any | Honeycomb are observed that in some place |
| (x) | Any other | Satisfactory |
| 24 | Whether provision has been made for Service lines (Electrical, Water Supply, Sanitation etc.) | YES (Already existing) |
| 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? | NIL |
| 30 | Any other comments | NO |
| 31 | Report on Overall assessment of quality | On inspection of houses under ULB , We found that some houses are plinth level , some houses are lintel level while some houses are roof level. Quality of concrete in beam column and slab is found satisfactory. Proper cover is maintain in RCC work Masonary works is good. |



| C. PROGRESS - HOUSING COMPONENTS | | | |
|---|---|--------------------------|-------------------------------|
| 1 | Numbers of houses sanctioned in the Project | 74 | |
| 2 | Numbers of houses Completed | 4 | |
| 3 | Numbers of houses in progress | 70 | |
| 4 | Stages of Progress: | | |
| i) | Foundation level (Nos.) | 2 | |
| ii) | Plinth level (Nos.) | 19 | |
| iii) | Lintel level (Nos.) | 29 | |
| iv) | Roof level (Nos.) | 16 | |
| v) | Finishing level (Nos.) | 4 | |
| 5 | Numbers of houses not started | 0 | |
| 6 | Reason for non-starter of houses, if any | Surrendered | |
| 7 | Numbers of houses occupied by the Beneficiaries | 0 | |
| 8 | Reasons for Non-occupation of houses (If any)- specific reasons to be given | NA | |
| 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 %) | Approx 54 % | |
| 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 | |
| D. CIVIC INFRASTRUCTURE | | | |
| 1 | Whether provision of Civic infrastructure components (i.e. water supply, Sewerage, Drainage, Roads, SWM etc.) has been ensured? | Yes, (Already existing) | |



| | | |
|--|---|---|
| 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, (Already existing) |
| 2 | Any other comments | No |
| F. FINANCIAL PROGRESS & FUND UTILIZATION (Rs. in Lakhs) | | |
| 1 | Sanctioned fund for entire project. | 281.2 |
| 2 | Amount of funds received up to date | 74 |
| 3 | Up-to date Expenditure | 74 |
| 4 | Amount of funds Utilized (out of received) | 74 |
| 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 | 74.0 |
| 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 |
| Time Overruns: | | |
| 1 | Whether there is time overrun? If yes, what are the reasons? | Not applicable for BLC works |
| H. REMEDIAL MEASURES TO IMPROVE PROGRESS AND QUALITY | | |
| Undertaken by Implementation agency to improve the: | | |
| 1 | Physical Progress | 54% |
| 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 | Regular visit in ward must be assured. It must be checked that good quality of material must be used in construction. |
| I. COURT CASES AND LITIGATIONS | | |
| 1 | (To be specified) | NIL |



| J. OTHERS | | |
|-----------|---|--|
| 1 | Any innovative/ cost effective/ green technology has been used | In some houses cost effective technology are beiong used |
| 2 | Feedback of beneficiaries regarding provision of Physical & Social infrastructure: | Satisfactory |
| 3 | Reasons for delay in completion of housing and Infrastructure, if any: | Work in progress |
| 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 2. Action suggested by TPQMA to SLNA and IA | Progress of the project is satisfactory No |
| 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 first visit |
| 7 | TPQMA's Overview of the Project (in 400-500 words) in a separate sheet | The overall project progress is good, and management need to pay attention on the timely payment of 2nd stage. the construction is being carried by beneficiaries themselves and guidance on construction techniques is being provided by PMC. Overall work is satisfactory. |



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ULB NAME-SIDDHARTH NAGAR

| S.No | Benf. Name | Father/Husband Name |
|------|-----------------|----------------------|
| 1 | INDU | LALLAN |
| 2 | JASHODA | BALMEDDAR |
| 3 | Jethu | Tameshar |
| 4 | JHABARA | LATE RAMDEEN |
| 5 | JHINMATI | RAM SUBASH |
| 6 | JITENDRA KUMAR | RAM NARESH |
| 7 | KAILASHA DEVI | SUKAI |
| 8 | KALAWATI DEVI | RAM NARESH |
| 9 | KANCHAN CHAUHNA | SHER BAHADUR CHAUHAN |
| 10 | KIRAN | RAM BUJHARAT |
| 11 | KUSHLAWATI | VINOD |
| 12 | MANJU DEVI | MANTU |
| 13 | MAYA DEVI | BANSHI LAL |
| 14 | MEENA | KONU |
| 15 | MISLAWATI | NANDLAL |
| 16 | NAINA DEVI | KAMLESH |
| 17 | PHOOLA | ARJUN |
| 18 | Phoolchand | Ram sunder |
| 19 | PRABHA DEVI | FIRANGEE |
| 20 | PRADEEP KUMAR | RAM KUMAR |
| 21 | PRAMILA DEVI | RAM JEET |
| 22 | RADHESHYAM | KATTHARAM |
| 23 | RADHESHYAM | ISHWAR DEEN |
| 24 | RAJ BAHADUR | LET SUMER |
| 25 | RAM CHANDAR | KINNA |
| 26 | RAM KARAN | JHAKDI |
| 27 | RAM KEWAL | RAMFER |
| 28 | RAM SAGAR | BRIJLAL |
| 29 | RAMAWATI | PAWAN KUMAR |
| 30 | RAMJI | RAMFER |
| 31 | RANJANA DEVI | LET RAM SAHAY |
| 32 | reeta | subhash |
| 33 | RITA | MANSHA RAM |
| 34 | SABIHAN NISHA | ALI MULLAH |

| | | |
|----|----------------|-------------------|
| 35 | salikram | ram lakhan |
| 36 | SANDHYA DEVI | RANGILAL |
| 37 | SANGEETA DEVI | HARIKRISHNA |
| 38 | SANJAY KUMAR | SOMAI |
| 39 | SARITA | PHOOL CHANDRA |
| 40 | SARITA YADAV | SHIV BHAWAN YADAV |
| 41 | Sarswati | Gaya Prasad |
| 42 | SATISH CHANDRA | KASHI |
| 43 | SHAKUNTALA | RAJENDRA |
| 44 | SHANKAR | ISHWAR DEEN |
| 45 | SHIMLA DEVI | MITHAILAL |
| 46 | SHIV PRASAD | LATE RUDAL |
| 47 | Shrimati | Ram Pal |
| 48 | SHYAMA | RAM KUMAR |
| 49 | SUKHAI | RAMESAR |
| 50 | surja devi | late ram lal |

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