

Engineer's Certificate¹		
Report for quarter ending		31 th December 2020
Subject		Certificate of percentage of completion of construction work of the project at the end of the quarter:
1.	I/we have undertaken assignment as engineer for certifying percentage of completion of construction work of the above-mentioned project as per the approved plans and approved structural drawings duly vetted by the proof consultant.	
Sr. No.	Particulars	Information
1.	Project/phase of the project	Hero Homes
2.	Location	Sector -104, Dwarka Expressway, Gurugram, Haryana
3.	Licensed area in acres	9.053 Acres out of Total Site area of 34.0229 Acres
4.	Area for registration in acres	9.053 acres (includes area of Residential Tower 8, which shall be developed in future as a separate phase)
5.	HARERA registration no.	RC/REP/HARERA/GGM/2018/24
6.	Name of licensee	Juventus Estates Ltd. Mabon Properties Ltd. Mariana Infrastructure Ltd.
7.	Name of collaborator	Vikas Parks Private Limited
8.	Name of developer	Vikas Parks Private Limited
2.	Details related to inspection are as under	
1.	Date of certifying of percentage of construction work/ site inspection	15.01.2021



¹ On the letter head of the engineer firm

2.	Name of engineering firm/ individual	Mr. Sanjay Panwar
3.	Date of site inspection	15.01.2021
3.	Following technical professionals are appointed by promoter: - (as applicable)	
Sr. No.	Consultants	Name
1.	Site engineer	Mr. Prem Sukh
2.	Structural consultant	M/s Optimization Consultants
3.	Proof consultant	IIT – Bombay
4.	MEP consultant	M/s Serene Designs
5.	Quantity surveyor	Mr. Sanjay Panwar
4.	We have estimated the cost of the completion of the Civil, MEP and allied works, of the building(s) of the project/ phase for which occupation certificate/ completion certificate is to be obtained by the promoter. Our estimated cost calculations are based on the structural drawing/ plans made available to us for the project under reference by the developer and consultants and the schedule of items and quantity for the entire work as calculated by the quantity surveyor appointed by the developer/ engineer and the site inspection carried out by us.	
1.	Total estimated cost for completion of the building(s) in the aforesaid project under reference	Rs. 38702 lacs
2.	Estimated cost incurred till date (based on site inspection)	Rs. 3363 lacs
3.	The balance cost of completion of the civil work/ MEP and allied works of the building(s) of the project for obtaining occupation certificate/ completion certificate from department of Town & Country Planning, Haryana	Rs. 35339 lacs
5.	The estimated total cost of project is with reference to the Civil work/ MEP and allied works required to be completed for the purpose of obtaining occupation certificate/ completion certificate for the building(s) from the DTCP being the competent authority	

	under whose jurisdiction the aforesaid project is being implemented.
6.	The amount of estimated cost incurred so far has been calculated on the basis of amount of total estimated cost.
7.	I certify that the project work has been executed as per compliance of standard engineering procedure, conforming to relevant BIS and as per prescribed norms.
8.	I also certify that the work has been executed as per approved drawings, statutory/ mandatory approvals, Haryana Building Code, 2017/ National Building Code (wherever applicable) and the material used in the construction, infrastructure work and internal development works are as per the projected standard as envisaged in the registration and brochure, publication material and other documents shared with the buyers in this regard
9.	I also certify that the cost of the civil work/ MEP and allied work for the aforesaid project as completed on 31 st December 2020 is as given in table A and table B below;


Date	: 15.01.2021	<p>Yours faithfully,</p> <p><i>Sanjay Panwar</i></p> <p>Signature & name (in block letters) with stamp of engineering firm/ individual SANJAY PANWAR</p>
Place	: Delhi	
Local authority license no.	: <u>CE No. M-1607434</u>	<p><i>Sanjay Panwar</i></p> <p>THE INSTITUTION OF ENGINEERS (INDIA) SANJAY PANWAR Civil Engineering Division CE No. M-1607434</p>
Local authority license no. valid till (date)	:	

***Note**

1.	The scope of work is to complete entire real estate project as per drawings approved from time to time so as to obtain occupation certificate/ completion certificate.
2.	(*) Quantity survey can be done by office of engineer or can be done by an independent quantity surveyor, whose certificate of quantity calculated can be relied upon by the engineer. In case of independent quantity surveyor being appointed by promoter, the name has to be mentioned at the place marked (*) and in case quantity are being calculated by office of engineer, the name of the person in the office of engineer, who is


	responsible for the quantity calculated should be mentioned at the place marked (*).
3.	The estimated cost includes all labour, material, equipment and machinery required to carry out entire work.
4.	As this is estimated cost, any deviation in quantity required for development of the real estate project will result in amendment of the cost incurred/ to be incurred.
5.	All component of work with specifications are indicative and not exhaustive.

Sr. No.	Particulars	Amount (Rs. In Lakhs)
1.	Total estimated cost of the building/ tower as per registration no. M/3055/HANSA/GEM/2019 dated 10.10.2019	318.10
2.	Total expenditure on the project/ Tower up to December 2020	27.50
3.	Percentage of work done with reference to estimated cost	8.64%
4.	Balance estimated cost to be incurred on the project	290.60
5.	Cost incurred mandatorily upto 31st Dec 2020 not included in the estimated cost (Table - C)	0.00


THE INSTITUTION OF
ENGINEERS (INDIA)
SANJAY PANWAR
 Civil Engineering Division
 CE No. M-1607434

THE INSTITUTION OF
ENGINEERS (INDIA)
SANJAY PANWAR
 Civil Engineering Division
 CE No. M-1607434

Table - A		
Building/ tower no.	Residential Tower 1 to 7, Convenient Shopping – 1& 2, Community Building	
Name of the building/ tower if any	NA	
Percentage of work done with reference to total estimated cost		
Sr. No.	Particulars	Amount (Rs. in lacs)
1.	Total estimated cost of the building/ tower as per registration no. <u>RC/REP/HARERA/GGM/2018/24</u> comes to	30151 Lacs
2.	Total expenditure on the project/ phase till 31 st December 2020	2199 Lacs
3.	Percentage of work done with reference to total estimated cost	7.29%
4.	Balance estimate cost to be incurred on the project	27952 Lacs
5.	Cost incurred on additional/ extra items as on 31 st December 2020 not included in the estimated cost (Table - C)	0


THE INSTITUTION OF
ENGINEERS (INDIA)
SANJAY PANWAR
Civil Engineering Division
CE No. M-1607434

Sr. No.	Particulars	Amount (Rs. in lacs)
1.	Total external development cost and infrastructure development charges (including IAC) as prescribed by the government as on 10.11.2018 date of registration	6175
2.	EDC, IDC paid to date as on 31 st December, 2020 (including IAC)	5222
3.	EDC, IDC, IAC paid to date as percentage of total EDC, IDC, IAC etc.	77.08%
4.	Balance EDC/IDC/IAC to be paid	152.96


Table - B			
Internal & External development works in respect of the entire project/ phase of the project			
Sr. No.	Particulars	Amount (Rs. in lacs)	
		External development works	Internal development works
1.	Total estimated cost of development works including amenities and facilities in the project/ phase as per the approved layout plan as on 13.11.2018 date	NA	8551 Lacs
2.	Expenditure incurred as on 31 st December 2020		1164 Lacs
3.	Work done in percentage (as percentage of the total estimated cost)		13.61 %
4.	Balanced cost to be incurred (based on estimated cost)		7387 Lacs
5.	Cost incurred on additional/ extra items as on 31 st December 2020 not included in the estimated cost (table-D)		0 Lacs

Table - C		
EDC/ IDC etc in respect of the entire project/ phase of the project		
Sr. No.	Particulars	Amount (Rs. in lacs)
1.	Total external development cost and infrastructure development charges (including IAC) as prescribed by the government as on 13.11.2018 date of registration	6775
2.	EDC, IDC paid so far as on 31 st December 2020 (including IAC)	5222
3.	EDC, IDC, IAC paid in terms of percentage of total EDC, IDC, IAC etc.	77.08%
4.	Balance EDC/ IDC/IAC to be paid	1552.86

Table - D		
List of extra/ additional items executed with cost. (which were not part of the original estimate of total cost)		
Sr. No.	Particulars	Amount (Rs. in lacs)
1.	Total external development cost and infrastructure development charges as prescribed by the government as on _____ date of registration	0s

Note: (*) extend as per requirement

FOR OFFICE USE ONLY			
1.	The % of work done	The % of estimated cost incurred	The deviation if any with remarks
2.	The % of the work done as on date	The % of work to be done by this time as per original projection	The deviation if any with remarks


THE INSTITUTION OF
ENGINEERS (INDIA)
SANJAY PANWAR
Civil Engineering Division
CE No. M-1607434