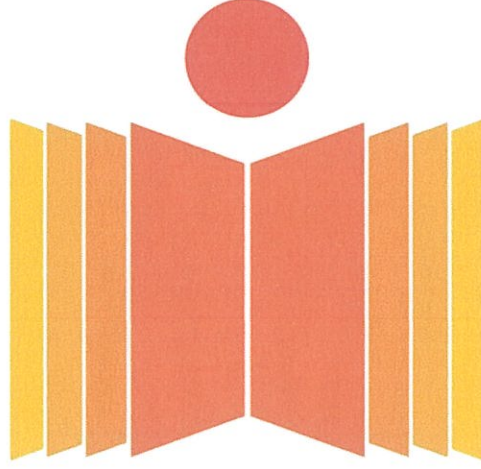



NIT No. IITH/CMD/CIVIL/NIT/2022-23/ 09



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Volume -2 (b)
PAYMENT SCHEDULE
(Building-wise & Sub-head wise
% Break-up/ Annexure to Financial Bid)

Name of the work: Construction of precast 2Nos Faculty Housing Tower (G+12), 3Nos Staff Housing Towers (G+12) and 3Nos Hostel Blocks (G+6) RCC Structures at IIT Hyderabad, Kandi, Sangareddy.


Executive Engineer (Civil)
IIT Hyderabad

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Name of the work: Construction of precast 2Nos Faculty Housing Tower (G+12), 3Nos Staff Housing Towers (G+12) and 3Nos Hostel Blocks (G+6) RCC Structures at IIT Hyderabad, Kandi, Sangareddy.

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PAYMENT SCHEDULE

All running / intermediate & final payments shall be made to the Contractor in accordance with the following schedule:

1. Unless explicitly stated otherwise in the Tender Documents, the payment shall be as per provisions of schedule F and payment shall be as per actual measurements in accordance with the payment schedule on submission of the bill by the contractor.
2. The total plinth area of a building shall be sum of plinth areas at every floor including basement, if any.
3. The following **shall not be** considered for plinth area calculation for payment (The bidder shall consider this aspect while quoting the rates for buildings):-
 - a. The mummy and machine room.
 - b. Internal service shafts/ ducts. However, the shafts/ ducts covered at top shall be measured at one floor level only.
 - c. Lift wells. However, lift wells covered at top shall be measured at one floor level only.
 - d. Lofts
 - e. Pergolas, approach ramps, external staircases and space frames.
 - f. Column projections, slab projections & chajjas beyond wall face.
4. For porticos 50% of the plinth area shall be considered for payment.
5. 50 % of plinth area of Uncovered/ unprotected balcony/ verandah shall be considered for payment.
6. Nothing extra shall be paid for services of various consultants such as architectural, structural, green building, services, proof checking, liaison consultants for obtaining approvals of local bodies etc; and related expenses for consultancy services. The agency shall quote the rates taking this aspect also into consideration.
7. Nothing extra shall be paid for testing of various materials, cost of samples, cost of materials used for testing, handling & transportation and related expenditure. The bidder shall quote the rates taking this aspect also into consideration.
8. Nothing extra shall be paid for creating mock-up of elements, handling & transportation and related expenditure. The bidder shall quote the rates taking this aspect also into consideration.
9. All duties, GST, fees, octroi and other levies, payable by the Contractor for which nothing extra shall be paid. The bidder shall quote the rates taking this aspect also into consideration. Payments made to Government departments for obtaining local body approvals shall be borne by the Institute on submission of proof of remittance.
10. Payment shall be made as per the schedule of payment as detailed below:-

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A. Precast Hostel Block No.01 (PCH - 01):

Annexure A1

Sub-head A 1: Payment percentage breakup for construction of RCC Precast Hostels (G+6) framed structurer with finishing's: -

(For intermittent payments, Pro-rata payment will be released on percentage basis on achievement of physical work)

Sl. No.	Stage of activity	Breakup of % of Item Contract Value	% of Item Contract Value
A 1.1	Planning, Detailed Design & Approval from third party vetting and approval of the same by the Engineer-In-Charge.		1.00%
A 1.1.1	On approval of All Architectural Drawings by Engineer in Charge and filing application and obtaining approval for Building Occupancy Certificate (OC), fire NOC and any other, mandatory local body approvals as may be required.	0.30%	
A 1.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
A 1.1.3	On approval of All MEP Drawings (except shop drawings) by Engineer in Charge.	0.40%	
A 1.2	Completion of Foundation & plinth including grade beams & slab.		22.00%
A 1.2.1	Excavation in all types of Soil/rocks.	2.00%	
A 1.2.2	On completion of PCC with Anti-termite Treatment	1.00%	
A 1.2.3	On completion of Footing/rafts etc.	10.00%	
A 1.2.4	On completion of back filling, plinth filling, plinth beams etc.	4.00%	
A 1.2.5	Completion of grade slab (or) floor One	5.00%	
A 1.3	Completion of basic structure including precast panel walls and treatment of all joints.		47.00%
A 1.3.1	On Completion up to Floor two level	4.00%	
A 1.3.2	On Completion up to Floor three level	6.00%	
A 1.3.3	On Completion up to Floor four level	6.00%	
A 1.3.4	On Completion up to Floor five level	6.00%	
A 1.3.5	On Completion up to Floor Six level	6.00%	
A 1.3.6	On Completion up to Floor Seven level	6.00%	
A 1.3.7	On Completion up to Terrace/ Eight level	6.00%	

	A 1.3.8	On completion of overhead water Tank, Mumty, parapet, Lift Machine Room (LMR) and other all miscellaneous works as per the approved drawings	1.50%	
	A 1.3.9	On completion of water proofing of terrace, lift pits, Waterproofing in rooms, balconies & corridors, water tight stitch Joints of all panels of the building and pond testing and testing of vertical joints for water tightness etc.	4.00%	
	A 1.3.10	On completion of Cement Board wall panelling including framework to conceal Radiant Cooling Pex Pipes manifold placed over inner walls and to cover Thermal Insulation boards placed over inside of external walls all complete as per directions of EIC.	1.50%	
A 1.4		Completion of finishing works i.e., Toilet waterproofing, flooring, fixing of doors & windows, cupboards, interior & exterior painting etc.		28.00%
		All type of Flooring, skirting, dado in all floors etc.		
	A 1.4.1	On completion of flooring in all rooms of the building and dadoing in wet areas as per the approved drawing.	3.00%	
	A 1.4.2	On completion of flooring in all corridors and common areas with skirting.	1.50%	
	A 1.4.3	On completion of waterproofing, flooring and dadoing in toilets.	3.00%	
	A 1.4.4	On completion of staircase mid-ladings, riser and treads including skirting	3.00%	
		Fixing of all types doors & windows with MS Grills and cupboards as per the approved drawing		
	A 1.4.5	On completion of procurement of material	3.00%	
	A 1.4.6	On completion of Installation including Granite sills and jams as per approved drawing.	3.00%	
	A 1.4.7	On completion of hardware and fixtures	1.00%	
		Painting (Internal & External) i/c putty and texture as per the approved drawing		
	A 1.4.8	On completion of internal painting	3.50%	
	A 1.4.9	On completion of external painting	3.50%	
		Other work:		
	A 1.4.10	All other works such as false ceiling to the rooms at 6 th floor, SS railings in all staircase area, Balconies & entrance ramp etc. as per the approved drawings.	1.50%	

	A 1.4.11	Thermal insulation to all the hostel rooms of external walls	2.00%	
A 1.5	Submission of completion certificate of the building, all statutory post-construction clearances, licenses and as- built drawing, handing over of buildings and successful closing of agreement.			2.00%
	Total			100.00%

Sub-head A 2: Payment percentage breakup for Internal water supply and sanitary installation, Civil External Service Connections, External Sewerage, Distribution lines upto 100 mm dia, Unfiltered water supply distribution lines upto 100mm dia, Storm water drains: -

(For intermittent payments, Pro-rata payment will be released per running metre basis on achievement of physical work)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
A 2.1	Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
A 2.2	On completion of all internal sanitary pipelines installations, water supply works and rain water pipes, etc. complete as per the directions of EIC.		65.00%
A 2.2.1	Procurement of all category of pipes, fixtures and fittings	8.00%	
A 2.2.2	Laying of pipe lines in desired locations as per the approved drawings by EIC.	12.00%	
A 2.2.3	Testing & Commissioning of Water supply lines	5.00%	
A 2.2.4	Procurement of sanitary installations for complete building as per the approved make and as approved by EIC	17.00%	
A 2.2.5	Fixing of sanitary installations in desired locations as per the approved drawings by EIC.	21.00%	
A 2.2.6	Testing & Commissioning of sanitary installations complete as per the directions of EIC.	2.00%	
A 2.3	All External water supply works and connections complete as per the directions of EIC.		9.00%
A 2.3.1	On supply of pipes etc.	4.50%	
A 2.3.2	On installation of equipment and laying of pipes, valves, inspection chambers, etc.	2.50%	
A 2.3.3	On successful testing of equipment after installation	1.00%	
A 2.3.4	After satisfactory commissioning	1.00%	
A 2.4	External Sewerage system connections complete as per the directions of EIC.		7.00%
A 2.4.1	On supply of pipes etc.	2.50%	
A 2.4.2	On laying of pipes including manholes, etc.	2.50%	
A 2.4.3	On successful testing of the network	1.00%	
A 2.4.4	After satisfactory commissioning	1.00%	

A 2.5		On completion of Distribution lines upto 100 mm dia complete as per the directions of EIC.		1.25%
A 2.6		On completion of Unfiltered water supply distribution lines upto 100mm dia complete as per the directions of EIC.		1.25%
A 2.7	Storm water drains complete as per the directions of EIC.			15.50%
	A 2.7.1	After providing bottom & side walls storm water drains complete	9.00%	
	A 2.7.2	Providing & placing covers including culverts wherever required.	3.50%	
	A 2.7.3	After successful testing	2.00%	
	A 2.7.4	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.	1.00%	
		Total		100.00%

Sub-head A 3: Payment percentage breakup for construction of Underground sump:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

Sl. No.	Milestone		Breakup of % of Item Contract Value	% of Item Contract Value
A 3.1	Detailed Design and approval of the same by the Engineer-In-Charge.			1.00%
	A 3.1.1	On approval of All Architectural Drawings by Engineer in Charge.	0.30%	
	A 3.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	A 3.1.3	On approval of All MEP Drawings	0.40%	
A 3.2	Completion of Excavation, bed concrete and bottom water proofing treatment			22.00%
	A 3.2.1	On completion of excavation work in all types of soils/rocks	7.00%	
	A 3.2.2	On completion of bed concrete as per the approved drawings by EIC	7.00%	
	A 3.2.3	On completion of bottom waterproofing treatment as per the approved methodology by EIC	8.00%	
A 3.3	Completion of bottom raft, walls, internal waterproofing, ceramic tile lining.			40.00%
	A 3.3.1	On completion of bottom raft work as per the approved drawing	10.00%	
	A 3.3.2	On completion of walls	10.00%	
	A 3.3.3	On completion of Internal waterproofing	10.00%	
	A 3.3.4	On completion of ceramic tiles etc.,	10.00%	
A 3.4	Completion of roof & external water proofing treatment.			20.00%
	A 3.4.1	On completion of roof concreting as per the approved drawings	10.00%	
	A 3.4.2	On completion of external waterproofing treatment as per the approved methodology by EIC	10.00%	
A 3.5	Completion of external finishing works, plumbing and all other associated works complete			15.00%
	A 3.5.1	On completion of external finishing works as per the approved drawings	7.50%	
	A 3.5.2	On completion of plumbing and all other associated works complete.	7.50%	
A 3.6	Submission of completion certificate all statutory post-construction clearances and as-built drawing, handing over and successful closing of agreement.			2.00%
		Total		100.00%

Sub-head A 4: Payment percentage breakup for External Development like Levelling, Internal roads with WMM and Cement Concrete pavement with vacuum dewatered concrete, Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
A 4.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
A 4.2	On completion of Levelling as per the directions of EIC.		6.00%
A 4.3	On completion of Cement Concrete pavement with vacuum dewatered concrete as per the directions of EIC.		39.50%
	A 4.3.1 On completion of Preparation of sub grade	4.00%	
	A 4.3.2 On completion of laying of base concrete and kerb	13.50%	
	A 4.3.3 On completion of laying of Dewatered Vacuum Cement Concrete	18.00%	
	A 4.3.4 On completion of providing & filling of grooves, Road marking, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in-charge.	4.00%	
A 4.4	On completion of Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side as per the directions of EIC.		53.50%
	A 4.4.1 On completion of Preparation of sub grade	6.50%	
	A 4.4.2 On completion of laying of PCC Base	17.00%	
	A 4.4.3 On completion of laying of 60mm thick paver block and kerb stone edging on one side	24.00%	
	A 4.4.4 On completion of providing & filling of gaps, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in-charge.	6.00%	
	Total		100.00%

Sub-head A 5: Payment percentage breakup for Hardscaping, Landscaping and Horticulture works:

(For intermittent payments, Pro-rata payment on achievement of physical work will be released)

SI. No.	Milestone	Breakup of % of Item	% of Item Contract Value	Remarks
A 5.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge		1.00%	
A 5.2	Landscaping, Hardscaping, and Horticulture Works in complete shape.		75.00%	
A 5.3	For 6 months Maintenance period after completion of building.		20.00%	
A 5.4	Completion Certificate and acceptance by the Engineer-in-charge.		4.00%	
	Total		100.00%	

Sl. No.	Description of Sub-Component of Work	Breakup of % of Item Contract Value	% of Item Contract Value
Sub-head A 6) Payment percentage breakup for Internal Electrical wiring and internal electrification installations, UPS System, Illuminated Signage's, street lighting, compound and Foot Path Lighting etc.			
A 6.1	Planning, Detailed Design, Engineering & Obtaining Approval from Statutory Bodies wherever required and approval of the same by the Engineer-In-Charge.		1.00%
A 6.2	Supply, Installation, Testing and Commissioning of LT Panels, SDB, Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB's etc.,		11.00%
	A 6.2.1	Supply of L T Panels, SDB	4.00%
	A 6.2.2	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground floor to 3 rd floor	2.00%
	A 6.2.3	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 4 th floor to Terrace floor	2.00%
	A 6.2.4	Installation of LT Panels, SDB	0.50%
	A 6.2.5	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground Floor to 3 rd Floor	0.25%
	A 6.2.6	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 4 th Floor to Terrace	0.25%
	A 6.2.7	Testing and Commissioning of LT Panels, SDB	1.00%
	A 6.2.8	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground floor to 3 rd floor	0.50%
	A 6.2.9	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains 4 th floor to 6 th floor	0.50%
A 6.3	Supply, Laying, end termination, Testing & commissioning of LT Cables		15.00%
	A 6.3.1	Supply of Suitable Size LT Cables	10.00%
	A 6.3.2	Laying & end termination of LT Cables	2.00%
	A 6.3.3	Testing & commissioning of LT Cables	3.00%
A 6.4	Supply, Installation, Testing and Commissioning of UPS System		0.50%
	A 6.4.1	Supply of UPS System	0.40%
	A 6.4.2	Installation, Testing and Commissioning of UPS System	0.10%
A 6.5	Supply, installation, testing and commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting		15.00%
	A 6.5.1	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground floor to 3 rd floor	5.00%

	A 6.5.2	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 4 th floor to terrace	5.00%	
	A 6.5.3	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 3 rd Floor	1.50%	
	A 6.5.4	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 4 th Floor to Terrace	1.50%	
	A 6.5.5	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground floor to 3 rd floor	1.00%	
	A 6.5.6	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 4 th floor to terrace	1.00%	
A 6.6	Supply, installation, testing and commissioning of BLDC ceiling fans & BLDC Exhaust fans			5.00%
	A 6.6.1	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from Ground floor to 3 rd floor	1.50%	
	A 6.6.2	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from 4 th floor to 6 th floor	1.50%	
	A 6.6.3	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from Ground Floor to 3 rd Floor	0.50%	
	A 6.6.4	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from 4 th Floor to 6 th Floor	0.50%	
	A 6.6.5	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans from Ground floor to 3 rd floor	0.50%	
	A 6.6.6	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans from 4 th floor to 6 th floor	0.50%	
A 6.7	Supply and installation, Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators, USB Socket, TV Sockets and LAN Ports			20.00%
	A 6.7.1	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from ground floor to 3 rd floor	6.50%	
	A 6.7.2	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 4 th floor to terrace	6.50%	
	A 6.7.3	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground Floor to 3 rd Floor	2.50%%	
	A 6.7.4	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 4 th to Terrace	2.50%	

	A 6.7.5	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from ground floor to 3 rd floor	1.00%	
	A 6.7.6	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 4 th floor to terrace	1.00%	
A 6.8	Supply & Drawing Testing and Commissioning of Point Wiring			10.00%
	A 6.8.1	Supply & Drawing of Point Wiring from Ground Floor to 3 rd Floor	3.50%	
	A 6.8.2	Supply & Drawing of Point Wiring from 4 th Floor to Terrace	3.50%	
	A 6.8.3	Testing and Commissioning of Point Wiring from ground floor to 3 rd floor	1.50%	
	A 6.8.4	Testing and Commissioning of Point Wiring from 4 th floor to terrace	1.50%	
A 6.9	Supply, Drawing, Testing and Commissioning of all Power sockets wiring			10.00%
	A 6.9.1	Supply & Drawing of Power Distribution System from Ground Floor to 3 rd Floor	3.50%	
	A 6.9.2	Supply & Drawing of Power Distribution System from 4 th Floor to Terrace	3.50%	
	A 6.9.3	Testing and Commissioning of Power Distribution System from ground floor to 3 rd floor	1.50%	
	A 6.9.4	Testing and Commissioning of Power Distribution System from 4 th floor to terrace	1.50%	
A 6.10	Supply, Installation, Testing and Commissioning of Street Lights & Post Top Lights & Bollard Lights & Illuminated Signage's			5.00%
	A 6.10.1	Supply of Street lights Post top Lights & Bollard lights, Illuminated Signages	3.00%	
	A 6.10.2	Installation of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
	A 6.10.3	Testing and commissioning of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
A 6.11	Supply, installation, testing and connecting the Lightning Protection system along with Earthing system.			2.50%
A 6.12	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system			3.50%
A 6.13	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)			1.50%
				100.00%

Sub-head A 7) Payment percentage breakup for External Service Connection MV Panels at Substation side and Earthing System				
A 7.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies wherever required and approval of the same by the Engineer-In-Charge.			1.00%
A 7.2	Supply of Installation, Testing and Commissioning of M V Panels at Substation			40.00%
	A 7.2.1	Supply, Augmentation & Installation of M V Panels at Substation	30.00%	
	A 7.2.2	Testing and Commissioning of M V Panels at Substation	10.00%	
A 7.3	Supply, Laying, end termination, Testing & Commissioning of LT Cables			55.00%
	A 7.3.1	Supply of Suitable Size LT Cables	35.00%	
	A 7.3.2	Laying and end termination of LT Cables	10.00%	
	A 7.3.3	Testing & Commissioning of LT Cables	10.00%	
A 7.4	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system			2.00%
A 7.5	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)			2.00%
				100.00%

Sub-head A 8) Payment percentage breakup for Supply, Installation, Testing & Commissioning of Lifts:				
A 8.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.			1.00%
A 8.2	Supply, Installation, Testing & Commissioning of 1x 13 Passenger Lifts and 1x20 Passenger Lift (BED Lift) with Completion of Third Party Inspection			95.00%
	A 8.2.1	Supply and proper storage of 13 Passengers Lift - 1, Spares, Control panel, etc. at Site	25.00%	
	A 8.2.2	Supply and proper storage of 20 Passengers Lift (BED Lift) - , Spares, Control panel, etc. at Site	35.00%	
	A 8.2.3	Installation of 13 passenger lift	11.00%	
	A 8.2.4	Installation of 20 Passenger Lift	14.00%	
	A 8.2.5	Testing & Commissioning of 13 Passenger Lift-1 & Completion of Third Party Inspection	4.00%	
	A 8.2.6	Testing & Commissioning of 20 Passenger Lift & Completion of Third Party Inspection	6.00%	
A 8.3	Handing over the 13 passenger Lift in all respects along with As-Built Drawings (soft & Hard Copies)			2.00%
A 8.4	Handing over the 20 passenger Lift in all respects along with As-Built Drawings (soft & Hard Copies)			2.00%
				100.00%

Sub-head A 9) Payment percentage breakup for Fire Fighting System, Automatic Fire Alarm System, Fire Extinguishers & water supply pump sets			
A 9.1	Planning, Detailed Design, Engineering as per the NBC 2016 Code & Approval from Statutory Bodies wherever required and approval of the same by the Engineer-In-Charge.		1.00%
A 9.2	Supply, Installation, Testing and Commissioning of Down comer with Fire Hydrant, Fire Fighting Pumps.		65.00%
	A 9.2.1	Supply of Down comer pipes, Fire Hydrant, Fire Fighting Pumps etc. as per the Approved Drawings	45.00%
	A 9.2.2	Installation Down comer with Fire Hydrant and Fire Fighting Pumps etc. as per the Approved Drawings	10.00%
	A 9.2.3	Testing & Commissioning complete Fire Fighting system including Fire Fighting Pumps, Down comer System and Yard Hydrant etc. as per the Approved Drawings	10.00%
A 9.3	Supply, Installation, Testing and Commissioning of Automatic Addressable Fire Alarm System		28.00%
	A 9.3.1	Supply of Automatic Fire Alarm Systems and cables as per the Approved Drawings	15.00%
	A 9.3.2	Laying of cables and Installation of Automatic Fire alarm system	8.00%
	A 9.3.3	Testing and Commissioning of Automatic Fire alarm System	5.00%
A 9.4	Supply and installation of Fire Extinguishers at designated locations as per the approved Drawing by Engineer-In-Charge		1.00%
A 9.5	Supply, Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building		3.00%
	A 9.5.1	Supply of Water supply pumps along with Starter and Automatic electrical control panel	2.00%
	A 9.5.2	Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building	1.00%
A 9.6	Handing over the Fire Fighting System, Automatic Fire alarm System, Water pumping System along with NOC from the Local Authorities and As-Built Drawing (Soft & Hard Copy)		2.00%
			100.00%

Annexure A 10

<u>Sub-head A 10) Payment percentage breakup for LAN, Wi-Fi and Networking system, Telephone</u>			
A 10.1	Planning, Detailed Design Engineering and approval of the same by the Engineer-In-Charge.		1.00%
A 10.2	Supplying, Installation, Testing and Commissioning of LAN System comprising of core switches and L2 switches with 10G, 10 Giga SFP Modules, Wi-Fi access points, Wi-Fi controller, Network Management Software, Racks, CAT 6A Cable, patch panels, OFC etc.		97.00%
	A 10.2.1	Supply of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	70.00%
	A 10.2.2	Installation of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	15.00%
	A 10.2.3	Supply & Laying of LAN Cables/Telephone Cables/ Fiber Optics Cables	7.00%
	A 10.2.4	Testing and Commissioning of LAN, Wi-Fi Network, and Telephone Cabling	5.00%
A 10.3	Handing over the LAN, Wi-Fi, Networking System and Telephone Network along with As-Built Drawing (Soft & Hard Copy)		2.00%
			100.00%

Annexure A 11

<u>Sub-head A 11) Payment percentage breakup for Solar Hot Water System</u>				
A 11.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.			1.00%
A 11.2	Supply, Installation, Testing and Commissioning of Solar Hot Water System along with Solar flat plate Collector, Tank, Electrical Backup Heaters, Electrical control panel along with Digital timers system and other necessary equipment			95.00%
	A 11.2.1	Supplying of Solar Hot Water System along with Solar flat plate Collector, Tank and other necessary equipment	70.00%	
	A 11.2.2	Installation of Solar Hot Water System	20.00%	
	A 11.2.3	Testing and Commissioning of Solar Hot Water System	5.00%	
A 11.3	Handing over the Solar Hot Water System along with As-Built drawings (Soft & Hard Copy)			4.00%
				100.00%

<u>Sub-head A 12) Payment percentage breakup for Stairways and Lift shaft Pressurization System</u>			
A 12.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.		1.00%
A 12.2	Supply, Installation, Testing and Commissioning of Stairways and Lift shaft pressurization system as per NBC 2016, CPWD Specifications.		95.00%
	A 12.2.1	Supplying of stairways and lift shaft pressurization System	70.00%
	A 12.2.2	Installation of stairways and lift shaft pressurization System	15.00%
	A 12.2.3	Testing and Commissioning of Stairways and lift shaft pressurization system	10.00%
A 12.3	Handing over the Stairways and lift shaft pressurization system along with As-Built drawings (Soft & Hard Copy)		4.00%
			100.00%

<u>Sub-head A 13.1) Payment percentage breakup for Design, Engineering, Supply, installation, testing and commissioning of Building level Radiant Cooling system (Low Side)</u>			
A 13.1.1	Planning, Detailed Design, Engineering, and approval of the same by the Engineer-In-Charge.		1.00%
A 13.1.2	Design, Engineering, Supply, Installation, Testing and Commissioning of Building level Radiant Cooling system (Low Side)		95.00%
A 13.1.2.1	Supply & installation of Building Level Plant Room equipment and chilled Water Pipelines from Ground Floor to Sixth Floor	10.00%	
A 13.1.2.2	Testing & Commissioning of Building Level Plant Room equipment and chilled Water Pipelines from Ground Floor to Sixth Floor	5.00%	
A 13.1.2.3	Supply of PEX (Polyethylene cross link) with Anti Oxygen Barrier Pipes	41.50%	
A 13.1.2.4	Installation of Ground floor Level Radiant cooling system	3.00%	
A 13.1.2.5	Installation of First floor Level Radiant cooling system	3.00%	
A 13.1.2.6	Installation of Second floor Level Radiant cooling system	3.00%	
A 13.1.2.7	Installation of Third floor Level Radiant cooling system	3.00%	
A 13.1.2.8	Installation of Fourth floor Level Radiant cooling system	3.00%	
A 13.1.2.9	Installation of Fifth floor Level Radiant cooling system	3.00%	
A 13.1.2.10	Installation of Sixth floor Level Radiant cooling system	3.00%	
A 13.1.2.11	Testing & Commissioning of Ground floor Level Radiant cooling system	2.50%	
A 13.1.2.12	Testing & Commissioning of First floor Level Radiant cooling system	2.50%	
A 13.1.2.13	Testing & Commissioning of Second floor Level Radiant cooling system	2.50%	
A 13.1.2.14	Testing & Commissioning of Third floor Level Radiant cooling system	2.50%	
A 13.1.2.15	Testing & Commissioning of Fourth floor Level Radiant cooling system	2.50%	

	A 13.1.2.16	Testing & Commissioning of Fifth floor Level Radiant cooling system	2.50%	
	A 13.1.2.17	Testing & Commissioning of Sixth floor Level Radiant cooling system	2.50%	
A 13.1.3	Handing over the Building level Radiant Cooling system (Low Side) along with As-Built drawings (Soft & Hard Copy)			2.00%
A 13.1.4	Satisfactory execution of Seasonal test and submission of related test report etc., as required			2.00%
				100.00%

Annexure A 13.2

<u>Sub-head A 13.2) Payment percentage breakup for Design, Engineering, Supply, installation, testing and commissioning of High side Energy efficient Chiller of 1x275 TR (Main) and associated equipment and works at AC Plant 2</u>			
A 13.2.1	Planning, Detailed Design, Engineering, and approval of the same by the Engineer-In-Charge.		1.00%
A 13.2.2	Design, Engineering, Supply, installation, testing and commissioning of High side Energy efficient Chiller and associated works at AC Plant 2		95.00%
	A 13.2.2.1	Supply of 1x275 TR Main Chiller	40.00%
	A 13.2.2.2	Installation of 1x275 TR Main Chiller including civil foundation works	8.00%
	A 13.2.2.3	Testing & Commissioning of 1x275 TR Main Chiller	5.00%
	A 13.2.2.4	Supply of chilled water circulation & Condenser pumps	8.00%
	A 13.2.2.5	Installation of chilled water circulation & Condenser pumps including civil foundation works	3.00%
	A 13.2.2.6	Testing and Commissioning of chilled water circulation & Condenser pumps	4.50%
	A 13.2.2.7	Supply & installation of all associated Pipelines in AC Plant 2 including civil works	6.50%
	A 13.2.2.8	Testing and Commissioning of all associated Pipelines in AC Plant 2	2.50%
	A 13.2.2.9	Supply of Cooling Tower	6.00%
	A 13.2.2.10	Installation of Cooling Tower including foundation	5.50%
	A 13.2.2.11	Testing & Commissioning of Cooling Tower	2.50%
	A 13.2.2.12	Supply of Chiller Plant Manager (CPM) inclusive of appropriate suitable size and height civil partition with roof and inclusive of sufficient capacity cooling system (Split AC units)	1.50%
	A 13.2.2.13	Installation of new CPM inclusive of appropriate suitable size and height civil partition with roof and inclusive of sufficient capacity cooling system (Split AC units) and integration with the existing systems with all required equipment, accessories, cables, etc.,	1.00%

	A 13.2.2.14	Testing & Commissioning new CPM and integration in existing system with all required equipment, accessories, etc.,	1.00%	
A 13.2.3	Handing over the High side Energy efficient Chiller and associated works at AC Plant 2 along with As-Built drawings (Soft & Hard Copy)			2.00%
A 13.2.4	Satisfactory execution of Seasonal test and submission of related test report etc., as required			2.00%
				100.00%

B. Precast Hostel Block No.02 (PCH - 02):**Annexure B1****Sub-head B 1: Payment percentage breakup for construction of RCC Precast Hostels (G+6) framed structure with finishing's: -**

(For intermittent payments, Pro-rata payment will be released on percentage basis on achievement of physical work)

SI. No.	Stage of activity	Breakup of % of Item Contract Value	% of Item Contract Value
B 1.1	Planning, Detailed Design & Approval from third party vetting and approval of the same by the Engineer-In-Charge.		1.00%
B 1.1.1	On approval of All Architectural Drawings by Engineer in Charge and filing application and obtaining approval for Building Occupancy Certificate (OC), fire NOC and any other, mandatory local body approvals as may be required.	0.30%	
B 1.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
B 1.1.3	On approval of All MEP Drawings (except shop drawings) by Engineer in Charge.	0.40%	
B 1.2	Completion of Foundation & plinth including grade beams & slab.		22.00%
B 1.2.1	Excavation in all types of Soil/rocks.	2.00%	
B 1.2.2	On completion of PCC with Anti-termite Treatment	1.00%	
B 1.2.3	On completion of Footing/rafts etc.	10.00%	
B 1.2.4	On completion of back filling, plinth filling, plinth beams etc.	4.00%	
B 1.2.5	Completion of grade slab (or) floor One	5.00%	
B 1.3	Completion of basic structure including precast panel walls and treatment of all joints.		47.00%
B 1.3.1	On Completion up to Floor two level	4.00%	
B 1.3.2	On Completion up to Floor three level	6.00%	
B 1.3.3	On Completion up to Floor four level	6.00%	
B 1.3.4	On Completion up to Floor five level	6.00%	
B 1.3.5	On Completion up to Floor Six level	6.00%	
B 1.3.6	On Completion up to Floor Seven level	6.00%	
B 1.3.7	On Completion up to Terrace/ Eight level	6.00%	

	B 1.3.8	On completion of overhead water Tank, Mumty, parapet, Lift Machine Room (LMR) and other all miscellaneous works as per the approved drawings.	1.50%	
	B 1.3.9	On completion of water proofing of terrace, lift pits, Waterproofing in rooms, balconies & corridors, water tight stitch Joints of all panels of the building and pond testing and testing of vertical joints for water tightness	4.00%	
	B 1.3.10	On completion of Cement Board wall panelling including framework to conceal Radiant Cooling Pex Pipes manifold placed over inner walls and to cover Thermal Insulation boards placed over inside of external walls all complete as per directions of EIC.	1.50%	
B 1.4		Completion of finishing works i.e., Toilet waterproofing, flooring, fixing of doors & windows, cupboards, interior & exterior painting etc.		28.00%
		All type of Flooring, skirting, dado in all floors including stilt flooring etc.		
	B 1.4.1	On completion of flooring in all rooms of the building and dadoing in wet areas including stilt floor as per the approved drawing.	3.00%	
	B 1.4.2	On completion of flooring in all corridors and common areas with skirting.	1.50%	
	B 1.4.3	On completion of waterproofing, flooring and dadoing in toilets.	3.00%	
	B 1.4.4	On completion of staircase mid-ladings, riser and treads including skirting	3.00%	
		Fixing of all types doors & windows with MS Grills and cupboards as per the approved drawing		
	B 1.4.5	On completion of procurement of material	3.00%	
	B 1.4.6	On completion of Installation including Granite sills and jams as per approved drawing.	3.00%	
	B 1.4.7	On completion of hardware and fixtures	1.00%	
		Painting (Internal & External) i/c putty and texture as per the approved drawing		
	B 1.4.8	On completion of internal painting	3.50%	
	B 1.4.9	On completion of external painting	3.50%	
		Other work:		
	B 1.4.10	All other works such as false ceiling to the rooms at 6 th floor, SS railings in all staircase area, Balconies & entrance ramp etc. as per the approved drawings.	1.50%	

	B 1.4.11	Thermal insulation to all the hostel rooms of external walls	2.00%	
B 1.5	Submission of completion certificate of the building, all statutory post-construction clearances, licenses and as- built drawing, handing over of buildings and successful closing of agreement			2.00%
	Total			100.00%

Sub-head B 2: Payment percentage breakup for Internal water supply and sanitary installation, Civil External Service Connections, External Sewerage, Distribution lines upto 100 mm dia, Unfiltered water supply distribution lines upto 100mm dia, Storm water drains: -

(For intermittent payments, Pro-rata payment will be released per running metre basis on achievement of physical work)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
B 2.1	Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
B 2.2	On completion of all internal sanitary pipelines installations, water supply works and rain water pipes, etc. complete as per the directions of EIC.		66.00%
B 2.2.1	Procurement of all category of pipes, fixtures and fittings	8.50%	
B 2.2.2	Laying of pipe lines in desired locations as per the approved drawings by EIC.	12.50%	
B 2.2.3	Testing & Commissioning of Water supply lines	5.00%	
B 2.2.4	Procurement of sanitary installations for complete building as per the approved make and as approved by EIC	17.00%	
B 2.2.5	Fixing of sanitary installations in desired locations as per the approved drawings by EIC.	21.00%	
B 2.2.6	Testing & Commissioning of sanitary installations complete as per the directions of EIC.	2.00%	
B 2.3	All External water supply works and connections complete as per the directions of EIC.		9.00%
B 2.3.1	On supply of pipes etc.	4.50%	
B 2.3.2	On installation of equipment and laying of pipes, valves, inspection chambers, etc.	2.50%	
B 2.3.3	On successful testing of equipment after installation	1.00%	
B 2.3.4	After satisfactory commissioning	1.00%	
B 2.4	External Sewerage system connections complete as per the directions of EIC.		6.00%
B 2.4.1	On supply of pipes etc.	2.00%	
B 2.4.2	On laying of pipes including manholes, etc.	2.00%	
B 2.4.3	On successful testing of the network	1.00%	
B 2.4.4	After satisfactory commissioning	1.00%	

B 2.5	On completion of Distribution lines upto 100 mm dia complete as per the directions of EIC.		1.25%
B 2.6	On completion of Unfiltered water supply distribution lines upto 100mm dia complete as per the directions of EIC.		1.25%
B 2.7	Storm water drains complete as per the directions of EIC.		15.50%
B 2.7.1	After providing bottom & side walls storm water drains complete	9.00%	
B 2.7.2	Providing & placing covers including culverts wherever required.	3.50%	
B 2.7.3	After successful testing	2.00%	
B 2.7.4	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.	1.00%	
	Total		100.00%

Sub-head B 3: Payment percentage breakup for construction of Underground sump:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

Sl. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
B 3.1	Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
	B 3.1.1 On approval of All Architectural Drawings by Engineer in Charge.	0.30%	
	B 3.1.2 On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	B 3.1.3 On approval of All MEP Drawings including Proof Checking by third party.	0.40%	
B 3.2	Completion of Excavation, bed concrete and bottom water proofing treatment		22.00%
	B 3.2.1 On completion of excavation work in all types of soils/rocks	7.00%	
	B 3.2.2 On completion of bed concrete as per the approved drawings by EIC	7.00%	
	B 3.2.3 On completion of bottom waterproofing treatment as per the approved methodology by EIC	8.00%	
B 3.3	Completion of bottom raft, walls, internal waterproofing, ceramic tile lining.		40.00%
	B 3.3.1 On completion of bottom raft work as per the approved drawing	10.00%	
	B 3.3.2 On completion of walls	10.00%	
	B 3.3.3 On completion of Internal waterproofing	10.00%	
	B 3.3.4 On completion of ceramic tiles etc.,	10.00%	
B 3.4	Completion of roof & external water proofing treatment.		20.00%
	B 3.4.1 On completion of roof concreting as per the approved drawings	10.00%	
	B 3.4.2 On completion of external waterproofing treatment as per the approved methodology by EIC	10.00%	
B 3.5	Completion of external finishing works, plumbing and all other associated works complete		15.00%
	B 3.5.1 On completion of external finishing works as per the approved drawings	7.50%	
	B 3.5.2 On completion of plumbing and all other associated works complete.	7.50%	
B 3.6	Submission of completion certificate all statutory post- construction clearances and as-built drawing, handing over and successful closing of agreement.		2.00%
	Total		100.00%

Sub-head B 4: Payment percentage breakup for External Development like Levelling, Internal roads with WMM and Cement Concrete pavement with vacuum dewatered concrete, Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
B 4.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
B 4.2	On completion of Levelling as per the directions of EIC.		6.00%
B 4.3	On completion of Cement Concrete pavement with vacuum dewatered concrete as per the directions of EIC.		39.50%
	B 4.3.1 On completion of Preparation of sub grade	4.00%	
	B 4.3.2 On completion of laying of base concrete and kerb	13.50%	
	B 4.3.3 On completion of laying of Dewatered Vacuum Cement Concrete	18.00%	
	B 4.3.4 On completion of providing & filling of grooves, Road marking, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in-charge.	4.00%	
B 4.4	On completion of Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side as per the directions of EIC.		53.50%
	B 4.4.1 On completion of Preparation of sub grade	6.50%	
	B 4.4.2 On completion of laying of PCC Base	17.00%	
	B 4.4.3 On completion of laying of 60mm thick paver block and kerb stone edging on one side	24.00%	
	B 4.4.4 On completion of providing & filling of gaps, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in-charge.	6.00%	
	Total		100.00%

Sub-head B 5: Payment percentage breakup for Hardscaping, Landscaping and Horticulture works

(For intermittent payments, Pro-rata payment on achievement of physical work will be released)

SI. No.	Milestone	Breakup of % of Item	% of Item Contract Value	Remarks
B 5.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%	
B 5.2	Landscaping, Hardscaping, and Horticulture Works in complete shape.		75.00%	
B 5.3	For 6 months Maintenance period after completion of building.		20.00%	
B 5.4	Completion Certificate and acceptance by the Engineer-in-charge.		4.00%	
	Total		100.00%	

Sl. No.	Description of Sub-Component of Work	Breakup of % of Item Contract Value	% of Item Contract Value
Sub-head B 6) Payment percentage breakup for Internal Electrical wiring and internal electrification installations, UPS System, Illuminated Signage's, street lighting, compound and Foot Path Lighting etc.			
B 6.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
B 6.2	Supply, Installation, Testing and Commissioning of LT Panels, SDB, Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB's etc.,		11.00%
B 6.2.1	Supply of L T Panels, SDB	4.00%	
B 6.2.2	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground floor to 3 rd floor	2.00%	
B 6.2.3	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 4 th floor to 6 th floor	2.00%	
B 6.2.4	Installation of LT Panels, SDB	0.50%	
B 6.2.5	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground Floor to 3 rd Floor	0.25%	
B 6.2.6	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 4 th Floor to Terrace	0.25%	
B 6.2.7	Testing and Commissioning of LT Panels, SDB	1.00%	
B 6.2.8	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground floor to 3 rd floor	0.50%	
B 6.2.9	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains 4 th floor to 6 th floor	0.50%	
B 6.3	Supply, Laying, end termination, Testing & commissioning of LT Cables		15.00%
B 6.3.1	Supply of Suitable Size LT Cables	10.00%	
D 6.3.2	Laying & end termination of LT Cables	2.00%	
B 6.3.3	Testing & commissioning of LT Cables	3.00%	
B 6.4	Supply, Installation, Testing and Commissioning of UPS System		0.50%
B 6.4.1	Supply of UPS System	0.40%	
B 6.4.2	Installation, Testing and Commissioning of UPS System	0.10%	
B 6.5	Supply, installation, testing and commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting		15.00%
B 6.5.1	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground floor to 3 rd floor	5.00%	
B 6.5.2	Supply of Indoor LED Light Fixtures of various rating & types including staircase and	5.00%	

		common area lighting from 4 th floor to terrace		
	B 6.5.3	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 3 rd Floor	1.50%	
	B 6.5.4	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 4 th Floor to Terrace	1.50%	
	B 6.5.5	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground floor to 3 rd floor	1.00%	
	B 6.5.6	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 4 th floor to terrace	1.00%	
B 6.6	Supply, installation, testing and commissioning of BLDC ceiling fans & BLDC Exhaust fans			5.00%
	B 6.6.1	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from Ground floor to 3 rd floor	1.50%	
	B 6.6.2	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from 4 th floor to 6 th floor	1.50%	
	B 6.6.3	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from Ground Floor to 3 rd Floor	0.50%	
	B 6.6.4	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from 4 th Floor to 6 th Floor	0.50%	
	B 6.6.5	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans from Ground floor to 3 rd floor	0.50%	
	B 6.6.6	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans from 4 th floor to 6 th floor	0.50%	
B 6.7	Supply and installation, Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators, USB Socket, TV Sockets and LAN Ports			20.00%
	B 6.7.1	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from ground floor to 3 rd floor	6.50%	
	B 6.7.2	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 4 th floor to terrace	6.50%	
	B 6.7.3	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground Floor to 3 rd Floor	2.50%	
	B 6.7.4	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 4 th to Terrace	2.50%	
	B 6.7.5	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from ground floor to 3 rd floor	1.00%	

	B 6.7.6	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 4 th floor to terrace	1.00%	
B 6.8	Supply & Drawing Testing and Commissioning of Point Wiring			10.00%
	B 6.8.1	Supply & Drawing of Point Wiring from Ground Floor to 3 rd Floor	3.50%	
	B 6.8.2	Supply & Drawing of Point Wiring from 4 th Floor to Terrace	3.50%	
	B 6.8.3	Testing and Commissioning of Point Wiring from ground floor to 3 rd floor	1.50%	
	B 6.8.4	Testing and Commissioning of Point Wiring from 4 th floor to terrace	1.50%	
B 6.9	Supply, Drawing, Testing and Commissioning of Power Distribution System			10.00%
	B 6.9.1	Supply & Drawing of Power Distribution System from Ground Floor to 3 rd Floor	3.50%	
	B 6.9.2	Supply & Drawing of Power Distribution System from 4 th Floor to Terrace	3.50%	
	B 6.9.3	Testing and Commissioning of Power Distribution System from ground floor to 3 rd floor	1.50%	
	B 6.9.4	Testing and Commissioning of Power Distribution System from 4 th floor to terrace	1.50%	
B 6.10	Supply, Installation, Testing and Commissioning of Street Lights & Post Top Lights & Bollard Lights & Illuminated Signages			5.00%
	B 6.10.1	Supply of Street lights Post top Lights & Bollard lights, Illuminated Signages	3.00%	
	B 6.10.2	Installation of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
	B 6.10.3	Testing and commissioning of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
B 6.11	Supply, installation, testing and connecting the Lightning Protection system along with Earthing system.			2.50%
B 6.12	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system			3.50%
B 6.13	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)			1.50%
				100.00%

Annexure B7

Sub-head B 7) Payment percentage breakup for External Service Connection MV Panels at Substation side and Earthing System			
B 7.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
B 7.2	Supply of Installation, Testing and Commissioning of M V Panels at Substation		40.00%
	B 7.2.1	Supply, Augmentation & Installation of M V Panels at Substation	30.00%
	B 7.2.2	Testing and Commissioning of M V Panels at Substation	10.00%
B 7.3	Supply, Laying, end termination, Testing & Commissioning of LT Cables		55.00%
	B 7.3.1	Supply of Suitable Size LT Cables	35.00%
	B 7.3.2	Laying and end termination of LT Cables	10.00%
	B 7.3.3	Testing & Commissioning of LT Cables	10.00%
B 7.4	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system		2.00%
B 7.5	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)		2.00%
			100.00%

Sub-head B 8) Payment percentage breakup for Supply, Installation, Testing & Commissioning of Lifts:			
B 8.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.		1.00%
B 8.2	Supply, Installation, Testing & Commissioning of 1x 13 Passenger Lifts and 1x20 Passenger Lift (BED Lift) with Completion of Third Party Inspection		95.00%
	B 8.2.1	Supply and proper storage of 13 Passengers Lift, Spares, Control panel, etc. at Site	25.00%
	B 8.2.2	Supply and proper storage of 20 Passengers Lift (BED Lift) - , Spares, Control panel, etc. at Site	35.00%
	B 8.2.3	Installation of 13 passenger lift	11.00%
	B 8.2.4	Installation of 20 Passenger Lift	14.00%
	B 8.2.5	Testing & Commissioning of 13 Passenger Lift-1 & Completion of Third Party Inspection	4.00%
	B 8.2.6	Testing & Commissioning of 20 Passenger Lift & Completion of Third Party Inspection	6.00%
B 8.3	Handing over the 13 passenger Lift in all respects along with As-Built Drawings (soft & Hard Copies)		2.00%
B 8.4	Handing over the 20 passenger Lift in all respects along with As-Built Drawings (soft & Hard Copies)		2.00%
			100.00%

Sub-head B 9) Payment percentage breakup for Fire Fighting System, Automatic Fire Alarm System, Fire Extinguishers & water supply pump sets				
B 9.1	Planning, Detailed Design, Engineering as per the NBC 2016 Code & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.			1.00%
B 9.2	Supply, Installation, Testing and Commissioning of Fire Hydrant, Fire Fighting Pumps, Wet Riser and Sprinkler System.			65.00%
	B 9.2.1	Supply of Fire Fighting pumps, Wet Riser piping, Sprinklers and Yard Hydrant etc. as per the Approved Drawings/Take off Sheets	45.00%	
	B 9.2.2	Installation Fire Fighting pumps, Wet Riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%	
	B 9.2.3	Testing & Commissioning complete Fire Fighting system including Fire Fighting Pumps, Wet riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%	
B 9.3	Supply, Installation, Testing and Commissioning of Automatic Addressable Fire Alarm System			28.00%
	B 9.3.1	Supply of Automatic Fire Alarm Systems and cables as per the Approved Drawings	15.00%	
	B 9.3.2	Laying of cables and Installation of Automatic Fire alarm system	8.00%	
	B 9.3.3	Testing and Commissioning of Automatic Fire alarm System	5.00%	
B 9.4	Supply and installation of Fire Extinguishers at designated locations as per the approved Drawing by Engineer-In-Charge			1.00%
B 9.5	Supply, Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building			3.00%
	B 9.5.1	Supply of Water supply pumps along with Starter and Automatic electrical control panel	2.00%	
	B 9.5.2	Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building	1.00%	
B 9.6	Handing over the Fire Fighting System, Automatic Fire alarm System, Water pumping System along with NOC from the Local Authorities and As-Built Drawing (Soft & Hard Copy)			2.00%
				100.00%

Annexure B 10

<u>Sub-head B 10) Payment percentage breakup for LAN, Wi-Fi and Networking system, Telephone</u>				
B 10.1	Planning, Detailed Design Engineering and approval of the same by the Engineer-In-Charge.			1.00%
B 10.2	Supplying, Installation, Testing and Commissioning of LAN System comprising of core switches and L2 switches with 10G, 10 Giga SFP Modules, Wi-Fi access points, Wi-Fi controller, Network Management Software, Racks, CAT 6A Cable, patch panels, OFC etc.			97.00%
	B 10.2.1	Supply of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	70.00%	
	B 10.2.2	Installation of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	15.00%	
	B 10.2.3	Supply & Laying of LAN Cables/Tele Phone Cables/ Fiber Optics Cables	7.00%	
	B 10.2.4	Testing and Commissioning of LAN, Wi-Fi Network, and Telephone Cabling	5.00%	
B 10.3	Handing over the LAN, Wi-Fi, Networking System and Telephone Network along with As-Built Drawing (Soft & Hard Copy)			2.00%
				100.00%

Annexure B 11

Sub-head B 11) Payment percentage breakup for Solar Hot Water System			
B 11.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.		1.00%
B 11.2	Supply, Installation, Testing and Commissioning of Solar Hot Water System along with Solar Collector, Tank, Electrical Backup Heaters, Electrical control panel along with Digital timers system and other necessary equipment		95.00%
	B 11.2.1	Supplying of Solar Hot Water System along with Solar Collector, Tank and other necessary equipment	70.00%
	B 11.2.2	Installation of Solar Hot Water System	20.00%
	B 11.2.3	Testing and Commissioning of Solar Hot Water System	5.00%
B 11.3	Handing over the Solar Hot Water System along with As-Built drawings (Soft & Hard Copy)		4.00%
			100.00%

Annexure B 12

<u>Sub-head B 12) Payment percentage breakup for Stairways and Lift shaft Pressurization System</u>				
B 12.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.			1.00%
B 12.2	Supply, Installation, Testing and Commissioning of Stairways and Lift shaft pressurization system as per NBC 2016, CPWD Specification and Telangana State Disaster Response and Fire Services department			95.00%
	B 12.2.1	Supplying of stairways and lift shaft pressurization System	70.00%	
	B 12.2.2	Installation of stairways and lift shaft pressurization System	15.00%	
	B 12.2.3	Testing and Commissioning of Stairways and lift shaft pressurization system	10.00%	
B 12.3	Handing over the Stairways and lift shaft pressurization system along with As-Built drawings (Soft & Hard Copy)			4.00%
				100.00%

<u>Sub-head B 13.1) Payment percentage breakup for Design, Engineering, Supply, installation, testing and commissioning of Building level Radiant Cooling system (Low Side)</u>			
B 13.1.1	Planning, Detailed Design, Engineering, and approval of the same by the Engineer-In-Charge.		1.00%
B 13.1.2	Design, Engineering, Supply, Installation, Testing and Commissioning of Building level Radiant Cooling system (Low Side)		95.00%
B 13.1.2.1	Supply & installation of Building Level Plant Room equipment and chilled Water Pipelines from Ground Floor to Sixth Floor	10.00%	
B 13.1.2.2	Testing & Commissioning of Building Level Plant Room equipment and chilled Water Pipelines from Ground Floor to Sixth Floor	5.00%	
B 13.1.2.3	Supply of PEX (Polyethylene cross link) with Anti Oxygen Barrier Pipes	41.50%	
B 13.1.2.4	Installation of Ground floor Level Radiant cooling system	3.00%	
B 13.1.2.5	Installation of First floor Level Radiant cooling system	3.00%	
B 13.1.2.6	Installation of Second floor Level Radiant cooling system	3.00%	
B 13.1.2.7	Installation of Third floor Level Radiant cooling system	3.00%	
B 13.1.2.8	Installation of Fourth floor Level Radiant cooling system	3.00%	
B 13.1.2.9	Installation of Fifth floor Level Radiant cooling system	3.00%	
B 13.1.2.10	Installation of Sixth floor Level Radiant cooling system	3.00%	
B 13.1.2.11	Testing & Commissioning of Ground floor Level Radiant cooling system	2.50%	
B 13.1.2.12	Testing & Commissioning of First floor Level Radiant cooling system	2.50%	
B 13.1.2.13	Testing & Commissioning of Second floor Level Radiant cooling system	2.50%	
B 13.1.2.14	Testing & Commissioning of Third floor Level Radiant cooling system	2.50%	

	B 13.1.2.15	Testing & Commissioning of Fourth floor Level Radiant cooling system	2.50%	
	B 13.1.2.16	Testing & Commissioning of Fifth floor Level Radiant cooling system	2.50%	
	B 13.1.2.17	Testing & Commissioning of Sixth floor Level Radiant cooling system	2.50%	
B 13.1.3	Handing over the Building level Radiant Cooling system (Low Side) along with As-Built drawings (Soft & Hard Copy)			2.00%
B 13.1.4	Satisfactory execution of Seasonal test and submission of related test report etc., as required			2.00%
				100.00%

C: Precast Hostel Block No.03 (PCH - 03):**Annexure C 1****Sub-head C 1: Payment percentage breakup for construction of RCC Precast Hostels (G+6) framed structure and finishing's: -**

(For intermittent payments, Pro-rata payment will be released on percentage basis on achievement of physical work)

SI. No.	Stage of activity		Breakup of % of Item Contract Value	% of Item Contract Value
C 1.1	Planning, Detailed Design & Approval from third party vetting and approval of the same by the Engineer-In-Charge.			1.00%
	C 1.1.1	On approval of All Architectural Drawings by Engineer in Charge and filing application and obtaining approval for Building Occupancy Certificate (OC), fire NOC and any other, mandatory local body approvals as may be required.	0.30%	
	C 1.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	C 1.1.3	On approval of All MEP Drawings (except shop drawings) by Engineer in Charge.	0.40%	
C 1.2	Completion of Foundation & plinth including grade beams & slab.			22.00%
	C 1.2.1	Excavation in all types of Soil/rocks.	2.00%	
	C 1.2.2	On completion of PCC with Anti-termite Treatment	1.00%	
	C 1.2.3	On completion of Footing/rafts etc.	10.00%	
	C 1.2.4	On completion of back filling, plinth filling, plinth beams etc.	4.00%	
	C 1.2.5	Completion of grade slab (or) floor One	5.00%	
C 1.3	Completion of basic structure including precast panel walls and treatment of all joints.			47.00%
	C 1.3.1	On Completion up to Floor two level	4.00%	
	C 1.3.2	On Completion up to Floor three level	6.00%	
	C 1.3.3	On Completion up to Floor four level	6.00%	
	C 1.3.4	On Completion up to Floor five level	6.00%	
	C 1.3.5	On Completion up to Floor Six level	6.00%	
	C 1.3.6	On Completion up to Floor Seven level	6.00%	
	C 1.3.7	On Completion up to Terrace/ Eight level	6.00%	

	C 1.3.8	On completion of overhead water Tank, Mumty, parapet, Lift Machine Room (LMR) and other all miscellaneous works as per the approved drawings	1.50%	
	C 1.3.9	On completion of water proofing of terrace, lift pits, Waterproofing in rooms, balconies & corridors, water tight stitch Joints of all panels of the building and pond testing and testing of vertical joints for water tightness	4.00%	
	C 1.3.10	On completion of Cement Board wall panelling including framework to conceal Radiant Cooling Pex Pipes manifold placed over inner walls and to cover Thermal Insulation boards placed over inside of external walls all complete as per directions of EIC.	1.50%	
C 1.4		Completion of finishing works i.e., Toilet waterproofing, flooring, fixing of doors & windows, cupboards, interior & exterior painting etc.		28.00%
		All type of Flooring, skirting, dado in all floors including stilt flooring etc.		
	C 1.4.1	On completion of flooring in all rooms of the building and dadoing in wet areas including stilt floor as per the approved drawing.	3.00%	
	C 1.4.2	On completion of flooring in all corridors and common areas with skirting.	1.50%	
	C 1.4.3	On completion of waterproofing, flooring and dadoing in toilets.	3.00%	
	C 1.4.4	On completion of staircase mid-ladings, riser and treads including skirting	3.00%	
		Fixing of all types doors & windows with MS Grills and cupboards as per the approved drawing		
	C 1.4.5	On completion of procurement of material	3.00%	
	C 1.4.6	On completion of Installation including Granite sills and jams as per approved drawing.	3.00%	
	C 1.4.7	On completion of hardware and fixtures	1.00%	
		Painting (Internal & External) i/c putty and texture as per the approved drawing		
	C 1.4.8	On completion of internal painting	3.50%	
	C 1.4.9	On completion of external painting	3.50%	
		Other work:		
	C 1.4.10	All other works such as false ceiling to the rooms at 6 th floor, SS railings in all staircase area, Balconies & entrance ramp etc. as per the approved drawings.	1.50%	

	C 1.4.11	Thermal insulation to all room of external walls	2.00%	
C 1.5	Submission of completion certificate of the building, all statutory post-construction clearances, licenses and as- built drawing, handing over of buildings and successful closing of agreement			2.00%
	Total			100.00%

Sub-head C 2: Payment percentage breakup for Internal water supply and sanitary installation, Civil External Service Connections, External Sewerage, Distribution lines upto 100 mm dia, Unfiltered water supply distribution lines upto 100mm dia, Storm water drains: -

(For intermittent payments, Pro-rata payment will be released per running metre basis on achievement of physical work)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
C 2.1	Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
C 2.2	On completion of all internal sanitary pipelines installations, water supply works and rain water pipes, etc. complete as per the directions of EIC.		66.00%
C 2.2.1	Procurement of all category of pipes, fixtures and fittings	8.50%	
C 2.2.2	Laying of pipe lines in desired locations as per the approved drawings by EIC.	12.50%	
C 2.2.3	Testing & Commissioning of Water supply lines	5.00%	
C 2.2.4	Procurement of sanitary installations for complete building as per the approved make and as approved by EIC	17.00%	
C 2.2.5	Fixing of sanitary installations in desired locations as per the approved drawings by EIC.	21.00%	
C 2.2.6	Testing & Commissioning of sanitary installations complete as per the directions of EIC.	2.00%	
C 2.3	All External water supply works and connections complete as per the directions of EIC.		9.00%
C 2.3.1	On supply of pipes etc.	4.50%	
C 2.3.2	On installation of equipment and laying of pipes, valves, inspection chambers, etc.	2.50%	
C 2.3.3	On successful testing of equipment after installation	1.00%	
C 2.3.4	After satisfactory commissioning	1.00%	
C 2.4	External Sewerage system connections complete as per the directions of EIC.		6.00%
C 2.4.1	On supply of pipes etc.	2.00%	
C 2.4.2	On laying of pipes including manholes, etc.	2.00%	
C 2.4.3	On successful testing of the network	1.00%	
C 2.4.4	After satisfactory commissioning	1.00%	

C 2.5	On completion of Distribution lines upto 100 mm dia complete as per the directions of EIC.		1.25%
C 2.6	On completion of Unfiltered water supply distribution lines upto 100mm dia complete as per the directions of EIC.		1.25%
C 2.7	Storm water drains complete as per the directions of EIC.		15.50%
C 2.7.1	After providing bottom & side walls storm water drains complete	9.00%	
C 2.7.2	Providing & placing covers including culverts wherever required.	3.50%	
C 2.7.3	After successful testing	2.00%	
C 2.7.4	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.	1.00%	
	Total		100.00%

Sub-head C 3: Payment percentage breakup for construction of Underground sump:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

Sl. No.	Milestone		Breakup of % of Item Contract Value	% of Item Contract Value
C 3.1	Detailed Design and approval of the same by the Engineer-In-Charge.			1.00%
	C 3.1.1	On approval of All Architectural Drawings by Engineer in Charge.	0.30%	
	C 3.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	C 3.1.3	On approval of All MEP Drawings including Proof Checking by third party.	0.40%	
C 3.2	Completion of Excavation, bed concrete and bottom water proofing treatment			22.00%
	C 3.2.1	On completion of excavation work in all types of soils/rocks	7.00%	
	C 3.2.2	On completion of bed concrete as per the approved drawings by EIC	7.00%	
	C 3.2.3	On completion of bottom waterproofing treatment as per the approved methodology by EIC	8.00%	
C 3.3	Completion of bottom raft, walls, internal waterproofing, ceramic tile lining.			40.00%
	C 3.3.1	On completion of bottom raft work as per the approved drawing	10.00%	
	C 3.3.2	On completion of walls	10.00%	
	C 3.3.3	On completion of Internal waterproofing	10.00%	
	C 3.3.4	On completion of ceramic tiles etc.,	10.00%	
C 3.4	Completion of roof & external water proofing treatment.			20.00%
	C 3.4.1	On completion of roof concreting as per the approved drawings	10.00%	
	C 3.4.2	On completion of external waterproofing treatment as per the approved methodology by EIC	10.00%	
C 3.5	Completion of external finishing works, plumbing and all other associated works complete			15.00%
	C 3.5.1	On completion of external finishing works as per the approved drawings	7.50%	
	C 3.5.2	On completion of plumbing and all other associated works complete.	7.50%	
C 3.6	Submission of completion certificate all statutory post- construction clearances and as-built drawing, handing over and successful closing of agreement.			2.00%
		Total		100.00%

Sub-head C 4: Payment percentage breakup for External Development like Levelling, Internal roads with WMM and Cement Concrete pavement with vacuum dewatered concrete, Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
C 4.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
C 4.2	On completion of Levelling as per the directions of EIC.		6.00%
C 4.3	On completion of Cement Concrete pavement with vacuum dewatered concrete as per the directions of EIC.		39.50%
	C 4.3.1 On completion of Preparation of sub grade	4.00%	
	C 4.3.2 On completion of laying of base concrete and kerb	13.50%	
	C 4.3.3 On completion of laying of Dewatered Vacuum Cement Concrete	18.00%	
	C 4.3.4 On completion of providing & filling of grooves, Road marking, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in-charge.	4.00%	
C 4.4	On completion of Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side as per the directions of EIC.		53.50%
	C 4.4.1 On completion of Preparation of sub grade	6.50%	
	C 4.4.2 On completion of laying of PCC Base	17.00%	
	C 4.4.3 On completion of laying of 60mm thick paver block and kerb stone edging on one side	24.00%	
	C 4.4.4 On completion of providing & filling of gaps, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in- charge.	6.00%	
	Total		100.00%

Sub-Head C 5: Payment percentage breakup for Hardscaping, Landscaping and Horticulture works

(For intermittent payments, Pro-rata payment on achievement of physical work will be released)

SI. No.	Milestone	Breakup of % of Item	% of Item Contract Value	Remarks
C 5.1	Planning, Detailed Design and approval of the same by the Engineer In Charge.		1.00%	
C 5.2	Landscaping, Hardscaping, and Horticulture Works in complete shape.		75.00%	
C 5.3	For 6 months Maintenance period after completion of building.		20.00%	
C 5.4	Completion Certificate and acceptance by the Engineer-in-charge.		4.00%	
	Total		100.00%	

Annexure C6

Sl. No.	Description of Sub-Component of Work	Breakup of % of Item Contract Value	% of Item Contract Value
Sub-head C 6) Payment percentage breakup for Internal Electrical wiring and internal electrification installations, UPS System, Illuminated Signage's, street lighting, compound and Foot Path Lighting etc.			
C 6.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
C 6.2	Supply, Installation, Testing and Commissioning of LT Panels, SDB, Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB's etc.,		11.00%
	C 6.2.1	Supply of L T Panels, SDB	4.00%
	C 6.2.2	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground floor to 3 rd floor	2.00%
	C 6.2.3	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 4 th floor to 6 th floor	2.00%
	C 6.2.4	Installation of LT Panels, SDB	0.50%
	C 6.2.5	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground Floor to 3 rd Floor	0.25%
	C 6.2.6	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 4 th Floor to Terrace	0.25%
	C 6.2.7	Testing and Commissioning of LT Panels, SDB	1.00%
	C 6.2.8	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground floor to 3 rd floor	0.50%
	C 6.2.9	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains 4 th floor to 6 th floor	0.50%
C 6.3	Supply, Laying, end termination, Testing & commissioning of LT Cables		15.00%
	C 6.3.1	Supply of Suitable Size LT Cables	10.00%
	C 6.3.2	Laying & end termination of LT Cables	2.00%
	C 6.3.3	Testing & commissioning of LT Cables	3.00%
C 6.4	Supply, Installation, Testing and Commissioning of UPS System		0.50%
	C 6.4.1	Supply of UPS System	0.40%
	C 6.4.2	Installation, Testing and Commissioning of UPS System	0.10%
C 6.5	Supply, installation, testing and commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting		15.00%
	C 6.5.1	Supply of Indoor LED Light Fixtures of	5.00%

		various rating & types including staircase and common area lighting from Ground floor to 3 rd floor		
	C 6.5.2	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 4 th floor to terrace	5.00%	
	C 6.5.3	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 3 rd Floor	1.50%	
	C 6.5.4	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 4 th Floor to Terrace	1.50%	
	C 6.5.5	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground floor to 3 rd floor	1.00%	
	C 6.5.6	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 4 th floor to terrace	1.00%	
C 6.6	Supply, installation, testing and commissioning of BLDC ceiling fans & BLDC Exhaust fans			5.00%
	C 6.6.1	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from Ground floor to 3 rd floor	1.50%	
	C 6.6.2	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from 4 th floor to 6 th floor	1.50%	
	C 6.6.3	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from Ground Floor to 3 rd Floor	0.50%	
	C 6.6.4	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from 4 th Floor to 6 th Floor	0.50%	
	C 6.6.5	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans from Ground floor to 3 rd floor	0.50%	
	C 6.6.6	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans from 4 th floor to 6 th floor	0.50%	
C 6.7	Supply and installation, Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators, USB Socket, TV Sockets and LAN Ports			20.00%
	C 6.7.1	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from ground floor to 3 rd floor	6.50%	
	C 6.7.2	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 4 th floor to terrace	6.50%	
	C 6.7.3	Installation of Modular Box, Modular	2.50%	

		Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground Floor to 3 rd Floor		
	C 6.7.4	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 4 th to Terrace	2.50%	
	C 6.7.5	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from ground floor to 3 rd floor	1.00%	
	C 6.7.6	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 4 th floor to terrace	1.00%	
C 6.8	Supply & Drawing Testing and Commissioning of Point Wiring			10.00%
	C 6.8.1	Supply & Drawing of Point Wiring from Ground Floor to 3 rd Floor	3.50%	
	C 6.8.2	Supply & Drawing of Point Wiring from 4 th Floor to Terrace	3.50%	
	C 6.8.3	Testing and Commissioning of Point Wiring from ground floor to 3 rd floor	1.50%	
	C 6.8.4	Testing and Commissioning of Point Wiring from 4 th floor to terrace	1.50%	
C 6.9	Supply, Drawing, Testing and Commissioning of Power Distribution System			10.00%
	C 6.9.1	Supply & Drawing of Power Distribution System from Ground Floor to 3 rd Floor	3.50%	
	C 6.9.2	Supply & Drawing of Power Distribution System from 4 th Floor to Terrace	3.50%	
	C 6.9.3	Testing and Commissioning of Power Distribution System from ground floor to 3 rd floor	1.50%	
	C 6.9.4	Testing and Commissioning of Power Distribution System from 4 th floor to terrace	1.50%	
C 6.10	Supply, Installation, Testing and Commissioning of Street Lights & Post Top Lights & Bollard Lights & Illuminated Signages			5.00%
	C 6.10.1	Supply of Street lights Post top Lights & Bollard lights, Illuminated Signages	3.00%	
	C 6.10.2	Installation of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
	C 6.10.3	Testing and commissioning of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
C 6.11	Supply, installation, testing and connecting the Lightning Protection system along with Earthing system.			2.50%
C 6.12	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system			3.50%
C 6.13	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)			1.50%
				100.00%

Annexure C 7

Sub-head C 7) Payment percentage breakup for External Service Connection MV Panels at Substation side and Earthing System			
C 7.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
C 7.2	Supply of Installation, Testing and Commissioning of M V Panels at Substation		40.00%
	C 7.2.1	Supply, Augmentation & Installation of M V Panels at Substation	30.00%
	C 7.2.3	Testing and Commissioning of M V Panels at Substation	10.00%
C 7.3	Supply, Laying, end termination, Testing & Commissioning of LT Cables		55.00%
	C 7.3.1	Supply of Suitable Size LT Cables	35.00%
	C 7.3.2	Laying and end termination of LT Cables	10.00%
	C 7.3.3	Testing & Commissioning of LT Cables	10.00%
C 7.4	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system		2.00%
C 7.5	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)		2.00%
			100.00%

Sub-head C 8) Payment percentage breakup for Supply, Installation, Testing & Commissioning of Lifts:			
C 8.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.		1.00%
C 8.2	Supply, Installation, Testing & Commissioning of 1x 13 Passenger Lifts and 1x20 Passenger Lift (BED Lift) with Completion of Third Party Inspection		95.00%
C 8.2.1	Supply and proper storage of 13 Passengers Lift, Spares, Control panel, etc. at Site	25.00%	
C 8.2.2	Supply and proper storage of 20 Passengers Lift (BED Lift) - , Spares, Control panel, etc. at Site	35.00%	
C 8.2.3	Installation of 13 passenger lift	11.00%	
C 8.2.4	Installation of 20 Passenger Lift	14.00%	
C 8.2.5	Testing & Commissioning of 13 Passenger Lift & Completion of Third Party Inspection	4.00%	
C 8.2.6	Testing & Commissioning of 20 Passenger Lift & Completion of Third Party Inspection	6.00%	
C 8.3	Handing over the 13 passenger Lift in all respects along with As-Built Drawings (soft & Hard Copies)		2.00%
C 8.4	Handing over the 20 passenger Lift in all respects along with As-Built Drawings (soft & Hard Copies)		2.00%
			100.00%

Sub-head C 9) Payment percentage breakup for Fire Fighting System, Automatic Fire Alarm System, Fire Extinguishers & water supply pump sets			
C 9.1	Planning, Detailed Design, Engineering as per the NBC 2016 Code & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
C 9.2	Supply, Installation, Testing and Commissioning of Fire Hydrant, Fire Fighting Pumps, Wet Riser and Sprinkler System.		65.00%
	C 9.2.1	Supply of Fire Fighting pumps, Wet Riser piping, Sprinklers and Yard Hydrant etc. as per the Approved Drawings/Take off Sheets	45.00%
	C 9.2.2	Installation Fire Fighting pumps, Wet Riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
	C 9.2.3	Testing & Commissioning complete Fire Fighting system including Fire Fighting Pumps, Wet riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
C 9.3	Supply, Installation, Testing and Commissioning of Automatic Addressable Fire Alarm System		28.00%
	C 9.3.1	Supply of Automatic Fire Alarm Systems and cables as per the Approved Drawings	15.00%
	C 9.3.2	Laying of cables and Installation of Automatic Fire alarm system	8.00%
	C 9.3.3	Testing and Commissioning of Automatic Fire alarm System	5.00%
C 9.4	Supply and installation of Fire Extinguishers at designated locations as per the approved Drawing by Engineer-In-Charge		1.00%
C 9.5	Supply, Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building		3.00%
	C 9.5.1	Supply of Water supply pumps along with Starter and Automatic electrical control panel	2.00%
	C 9.5.2	Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building	1.00%
C 9.6	Handing over the Fire Fighting System, Automatic Fire alarm System, Water pumping System along with NOC from the Local Authorities and As-Built Drawing (Soft & Hard Copy)		2.00%
			100.00%

<u>Sub-head C 10) Payment percentage breakup for LAN, Wi-Fi and Networking system, Telephone</u>			
C 10.1	Planning, Detailed Design Engineering and approval of the same by the Engineer-In-Charge.		1.00%
C 10.2	Supplying, Installation, Testing and Commissioning of LAN System comprising of core switches and L2 switches with 10G, 10 Giga SFP Modules, Wi-Fi access points, Wi-Fi controller, Network Management Software, Racks, CAT 6A Cable, patch panels, OFC etc.		97.00%
	C 10.2.1	Supply of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	70.00%
	C 10.2.2	Installation of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	15.00%
	C 10.2.3	Supply & Laying of LAN Cables/Telephone Cables/ Fiber Optics Cables	7.00%
	C 10.2.4	Testing and Commissioning of LAN, Wi-Fi Network, and Telephone Cabling	5.00%
C 10.3	Handing over the LAN, Wi-Fi, Networking System and Telephone Network along with As-Built Drawing (Soft & Hard Copy)		2.00%
			100.00%

Sub-head C11) Payment percentage breakup for Solar Hot Water System			
C 11.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.		1.00%
C 11.2	Supply, Installation, Testing and Commissioning of Solar Hot Water System along with Solar Collector, Tank, Electrical Backup Heaters, Electrical control panel along with Digital timers system and other necessary equipment		95.00%
	C 11.2.1	Supplying of Solar Hot Water System along with Solar Collector, Tank and other necessary equipment	70.00%
	C 11.2.2	Installation of Solar Hot Water System	20.00%
	C 11.2.3	Testing and Commissioning of Solar Hot Water System	5.00%
C 11.3	Handing over the Solar Hot Water System along with As-Built drawings (Soft & Hard Copy)		4.00%
			100.00%

<u>Sub-head C 12) Payment percentage breakup for Stairways and Lift shaft Pressurization System</u>				
C 12.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.			1.00%
C 12.2	Supply, Installation, Testing and Commissioning of Stairways and Lift shaft pressurization system as per NBC 2016, CPWD Specification and Telangana State Disaster Response and Fire Services department			95.00%
	C 12.2.1	Supplying of stairways and lift shaft pressurization System	70.00%	
	C 12.2.2	Installation of stairways and lift shaft pressurization System	15.00%	
	C 12.2.3	Testing and Commissioning of Stairways and lift shaft pressurization system	10.00%	
C 12.3	Handing over the Stairways and lift shaft pressurization system along with As-Built drawings (Soft & Hard Copy)			4.00%
				100.00%

Annexure C 13.1

<u>Sub-head c 13.1) Payment percentage breakup for Design, Engineering, Supply, installation, testing and commissioning of Building level Radiant Cooling system (Low Side)</u>			
C 13.1.1	Planning, Detailed Design, Engineering, and approval of the same by the Engineer-In-Charge.		1.00%
C 13.1.2	Design, Engineering, Supply, Installation, Testing and Commissioning of Building level Radiant Cooling system (Low Side)		95.00%
	C 13.1.2.1	Supply & installation of Building I evel Plant Room equipment and chilled Water Pipelines from Ground Floor to Sixth Floor	10.00%
	C 13.1.2.2	Testing & Commissioning of Building Level Plant Room equipment and chilled Water Pipelines from Ground Floor to Sixth Floor	5.00%
	C 13.1.2.3	Supply of PEX (Polyethylene cross link) with Anti Oxygen Barrier Pipes	41.50%
	C 13.1.2.4	Installation of Ground floor Level Radiant cooling system	3.00%
	C 13.1.2.5	Installation of First floor Level Radiant cooling system	3.00%
	C 13.1.2.6	Installation of Second floor Level Radiant cooling system	3.00%
	C 13.1.2.7	Installation of Third floor Level Radiant cooling system	3.00%
	C 13.1.2.8	Installation of Fourth floor Level Radiant cooling system	3.00%
	C 13.1.2.9	Installation of Fifth floor Level Radiant cooling system	3.00%
	C 13.1.2.10	Installation of Sixth floor Level Radiant cooling system	3.00%
	C 13.1.2.11	Testing & Commissioning of Ground floor Level Radiant cooling system	2.50%
	C 13.1.2.12	Testing & Commissioning of First floor Level Radiant cooling system	2.50%
	C 13.1.2.13	Testing & Commissioning of Second floor Level Radiant cooling system	2.50%
	C 13.1.2.14	Testing & Commissioning of Third floor Level Radiant cooling system	2.50%
	C 13.1.2.15	Testing & Commissioning of Fourth floor Level Radiant cooling system	2.50%

	C 13.1.2.16	Testing & Commissioning of Fifth floor Level Radiant cooling system	2.50%	
	C 13.1.2.17	Testing & Commissioning of Sixth floor Level Radiant cooling system	2.50%	
C 13.1.3	Handing over the Building level Radiant Cooling system (Low Side) along with As-Built drawings (Soft & Hard Copy)			2.00%
C 13.1.4	Satisfactory execution of Seasonal test and submission of related test report etc., as required			2.00%
				100.00%

D: FACULTY HOUSING TOWER (FT1A – C Type):*Annexure D 1***Sub-head D 1: Payment percentage breakup for RCC Precast Faculty Housing Tower (G+12) framed structure and finishing's: -**

(For intermittent payments, Pro-rata payment will be released on percentage basis on achievement of physical work)

SI. No.	Stage of activity	Breakup of % of Item Contract Value	% of Item Contract Value
D 1.1	Planning, Detailed Design & Approval from third party vetting and approval of the same by the Engineer-In-Charge.		1.00%
D 1.1.1	On approval of All Architectural Drawings by Engineer in Charge and filing application and obtaining approval for Building Occupancy Certificate (OC), fire NOC and any other, mandatory local body approvals as may be required.	0.30%	
D 1.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
D 1.1.3	On approval of All MEP Drawings (except shop drawings) by Engineer in Charge.	0.40%	
D 1.2	Completion of Foundation & plinth including grade beams & slab.		20.00%
D 1.2.1	Excavation in all types of Soil/rocks.	2.00%	
D 1.2.2	On completion of PCC with Anti-termite Treatment	1.00%	
D 1.2.3	On completion of Footing/rafts etc.	10.00%	
D 1.2.4	On completion of back filling, plinth filling, plinth beams etc.	4.00%	
D 1.2.5	Completion of grade slab (or) floor One	3.00%	
D 1.3	Completion of basic structure including precast panel walls and treatment of all joints.		49.00%
D 1.3.1	On Completion up to Floor two level	2.00%	
D 1.3.2	On Completion up to Floor three level	3.50%	
D 1.3.3	On Completion up to Floor four level	3.50%	
D 1.3.4	On Completion up to Floor five level	3.50%	
D 1.3.5	On Completion up to Floor Six level	3.50%	
D 1.3.6	On Completion up to Floor Seven level	3.50%	
D 1.3.7	On Completion up to Eight level	3.50%	

	D 1.3.8	On Completion up to Nine level	3.50%	
	D 1.3.9	On Completion up to Ten level	3.50%	
	D 1.3.10	On Completion up to Eleven level	3.50%	
	D 1.3.11	On Completion up to Twelve level	3.50%	
	D 1.3.12	On Completion up to Thirteen level	3.50%	
	D 1.3.13	On Completion up to Terrace/ fourteen level	3.50%	
	D 1.3.14	On completion of overhead water Tank, Mumty, parapet, Lift Machine Room (LMR) and other all miscellaneous works as per the approved drawings	0.50%	
	D 1.3.15	On completion of water proofing of terrace, lift pits, Waterproofing in rooms, balconies & corridors, water tight stitch Joints of all panels of the building and pond testing and testing of vertical joints for water tightness	4.50%	
D 1.4	Completion of finishing works i.e., Toilet waterproofing, flooring, fixing of doors & windows, interior & exterior painting etc.			28.00%
		All type of Flooring, skirting, dado in all floors including stilt flooring etc.		
	D 1.4.1	On completion of flooring in all flats of the building and kitchen platforms and dadoing in wet areas including stilt floor as per the approved drawing.	3.00%	
	D 1.4.2	On completion of flooring in all corridors and common areas with skirting.	1.50%	
	D 1.4.3	On completion of waterproofing, flooring and dadoing in toilets.	3.00%	
	D 1.4.4	On completion of staircase mid-ladings, riser and treads including skirting	3.00%	
		Fixing of all types doors & windows with MS Grills as per the approved drawing		
	D 1.4.5	On completion of procurement of material	3.00%	
	D 1.4.6	On completion of Installation including Granite sills and jams as per approved drawing.	3.00%	
	D 1.4.7	On completion of hardware and fixtures	1.00%	
		Painting (Internal & External) i/c putty and texture as per the approved drawing		
	D 1.4.8	On completion of internal painting	3.50%	
	D 1.4.9	On completion of external painting	3.50%	
		Other work:		

	D 1.4.10	All other works such as false ceiling to the rooms of the flats at 12 th floor, SS railings in all staircase area, Balconies with glass & entrance ramp etc. as per the approved drawings.	1.50%	
	D 1.4.11	Thermal insulation to all room of the flats external walls	2.00%	
D 1.5		Submission of completion certificate of the building, all statutory post-construction clearances, licenses and as- built drawing, handing over of buildings and successful closing of agreement		2.00%
		Total		100.00%

Su-head D 2: Payment percentage breakup for Internal water supply and sanitary installation, Civil External Service Connections, External Sewerage, Distribution lines upto 100 mm dia, Unfiltered water supply distribution lines upto 100mm dia, Storm water drains: -

(For intermittent payments, Pro-rata payment will be released per running metre basis on achievement of physical work)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
D 2.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
D 2.2	On completion of all internal sanitary pipelines installations, water supply works and rain water pipes, etc. complete as per the directions of EIC.		77.00%
	D 2.2.1 Procurement of all category of pipes, fixtures and fittings	10.00%	
	D 2.2.2 Laying of pipe lines in desired locations as per the approved drawings by EIC.	15.00%	
	D 2.2.3 Testing & Commissioning of Water supply lines	5.00%	
	D 2.2.4 Procurement of sanitary installations for complete building as per the approved make and as approved by EIC	20.00%	
	D 2.2.5 Fixing of sanitary installations in desired locations as per the approved drawings by EIC.	25.00%	
	D 2.2.6 Testing & Commissioning of sanitary installations complete as per the directions of EIC.	2.00%	
D 2.3	All External water supply works and connections complete as per the directions of EIC.		10.00%
	D 2.3.1 On supply of pipes etc.	5.00%	
	D 2.3.2 On installation of equipment and laying of pipes, valves, inspection chambers, etc.	3.00%	
	D 2.3.3 On successful testing of equipment after installation	1.00%	
	D 2.3.4 After satisfactory commissioning	1.00%	
D 2.4	External Sewerage system connections complete as per the directions of EIC.		3.50%
	D 2.4.1 On supply of pipes etc.	1.50%	
	D 2.4.2 On laying of pipes including manholes, etc.	1.00%	
	D 2.4.3 On successful testing of the network	0.50%	

	D 2.4.4	After satisfactory commissioning	0.50%	
D 2.5		On completion of Distribution lines upto 100 mm dia complete as per the directions of EIC.		0.40%
D 2.6		On completion of Unfiltered water supply distribution lines upto 100mm dia complete as per the directions of EIC.		0.40%
D 2.7		Storm water drains complete as per the directions of EIC.		7.70%
	D 2.7.1	After providing bottom & side walls storm water drains complete	5.00%	
	D 2.7.2	Providing & placing covers including culverts wherever required.	1.50%	
	D 2.7.3	After successful testing	1.00%	
	D 2.7.4	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.	0.20%	
		Total		100.00%

Sub-head D 3: Payment percentage breakup for construction of Underground sump:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
D 3.1	Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
	D 3.1.1 On approval of All Architectural Drawings by Engineer in Charge.	0.30%	
	D 3.1.2 On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	D 3.1.3 On approval of All MEP Drawings including Proof Checking by third party.	0.40%	
D 3.2	Completion of Excavation, bed concrete and bottom water proofing treatment		22.00%
	D 3.2.1 On completion of excavation work in all types of soils/rocks	7.00%	
	D 3.2.2 On completion of bed concrete as per the approved drawings by EIC	7.00%	
	D 3.2.3 On completion of bottom waterproofing treatment as per the approved methodology by EIC	8.00%	
D 3.3	Completion of bottom raft, walls, internal waterproofing, ceramic tile lining.		40.00%
	D 3.3.1 On completion of bottom raft work as per the approved drawing	10.00%	
	D 3.3.2 On completion of walls	10.00%	
	D 3.3.3 On completion of Internal waterproofing	10.00%	
	D 3.3.4 On completion of ceramic tiles etc.,	10.00%	
D 3.4	Completion of roof & external water proofing treatment.		20.00%
	D 3.4.1 On completion of roof concreting as per the approved drawings	10.00%	
	D 3.4.2 On completion of external waterproofing treatment as per the approved methodology by EIC	10.00%	
D 3.5	Completion of external finishing works, plumbing and all other associated works complete		15.00%
	D 3.5.1 On completion of external finishing works as per the approved drawings	7.50%	
	D 3.5.2 On completion of plumbing and all other associated works complete.	7.50%	
D 3.6	Submission of completion certificate all statutory post- construction clearances and as-built drawing, handing over and successful closing of agreement.		2.00%
	Total		100.00%

Sub-head D 4: Payment percentage breakup for External Development like Levelling, Internal roads with WMM and Cement Concrete pavement with vacuum dewatered concrete, Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
D 4.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
D 4.2	On completion of Levelling as per the directions of EIC.		5.00%
D 4.3	On completion of Cement Concrete pavement with vacuum dewatered concrete as per the directions of EIC.		55.00%
	D 4.3.1 On completion of Preparation of sub grade and WMM	5.00%	
	D 4.3.2 On completion of laying of base concrete and kerb	18.50%	
	D 4.3.3 On completion of laying of Dewatered Vacuum Cement Concrete	23.50%	
	D 4.3.4 On completion of providing & filling of grooves, Road marking, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in-charge.	8.00%	
D 4.4	On completion of Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side as per the directions of EIC.		39.00%
	D 4.4.1 On completion of Preparation of sub grade	4.50%	
	D 4.4.2 On completion of laying of PCC Base	12.50%	
	D 4.4.3 On completion of laying of 60mm thick paver block and kerb stone edging on one side	17.00%	
	D 4.4.4 On completion of providing & filling of gaps, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in- charge.	5.00%	
	Total		100.00%

Sub-head D 5: Payment percentage breakup for Modular Furniture Work:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
D 5.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
D 5.2	Approval of Shop drawings by Engineer – in-charge		1.00%
D 5.3	SITC of Modular furniture like Kitchen Unit, TV Unit and Wardrobes.		96.00%
	D 5.3.1 On supply of total material required for installation of modular furniture work for all flats	60.00%	
	D 5.3.2 On completion of carcass and approved by EIC for shutters and other works	18.00%	
	D 5.3.3 On completion of fixing of all shutters and Hardware as required to make the structure complete.	18.00%	
D 5.3	On completion of filling of any gaps, alignments and Completion Certificate and acceptance by the Engineer-in- charge.		2.00%
	Total		100.00%

Sub-head D 6: Payment percentage breakup for Hardscaping, Landscaping and Horticulture works

(For intermittent payments, Pro-rata payment on achievement of physical work will be released)

SI. No.	Milestone	Breakup of % of Item	% of Item Contract Value	Remarks
D 6.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%	
D 6.2	Landscaping, Hardscaping, and Horticulture Works in complete shape.		75.00%	
D 6.3	For 6 months Maintenance period after completion of building.		20.00%	
D 6.4	Completion Certificate and acceptance by the Engineer-in-charge.		4.00%	
	Total		100.00%	

Sl. No.	Description of Sub-Component of Work	Breakup of % of Item Contract Value	% of Item Contract Value
Sub-head D 7) Payment percentage breakup for Internal Electrical wiring and internal electrification installations, UPS System, Illuminated Signage's, street lighting, compound and Foot Path Lighting etc.			
D 7.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
D 7.2	Supply, Installation, Testing and Commissioning of LT Panels, SDBs, Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB's etc.,		11.00%
	D 7.2.1	Supply of L T Panels, SDBs	4.00%
	D 7.2.2	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground Floor to 6 th Floor	2.00%
	D 7.2.3	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 07 th Floor to Terrace	2.00%
	D 7.2.4	Installation of LT Panels, SDB	0.50%
	D 7.2.5	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground Floor to 6 th Floor	0.25%
	D 7.2.6	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 7 th Floor to Terrace	0.25%
	D 7.2.7	Testing and Commissioning of LT Panels, SDB	1.00%
	D 7.2.8	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground to 6 th Floor	0.50%
	D 7.2.9	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 7 th Floor to Terrace	0.50%
D 7.3	Supply, Laying, end termination, Testing & commissioning of LT Cables		15.00%
	D 7.3.1	Supply of Suitable Size LT Cables	10.00%
	D 7.3.2	Laying & end termination of LT Cables	2.00%
	D 7.3.3	Testing & commissioning of LT Cables	3.00%
D 7.4	Supply, Installation, Testing and Commissioning of 10KVA UPS System with 30 min backup		0.50%
	D 7.4.1	Supply of 10KVA UPS System with 30 min backup	0.40%
	D 7.4.2	Installation, Testing and Commissioning of 10KVA UPS System with 30 min backup	0.10%
D 7.5	Supply, installation, testing and commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting		15.00%
	D 7.5.1	Supply of Indoor LED Light Fixtures of various rating & types including staircase	5.00%

		and common area lighting from Ground floor to 6 th floor		
	D 7.5.2	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th floor to Terrace	5.00%	
	D 7.5.3	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 6 th Floor	1.50%	
	D 7.5.4	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th Floor to Terrace	1.50%	
	D 7.5.5	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 6 th Floor	1.00%	
	D 7.5.6	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th Floor to Terrace	1.00%	
D 7.6		Supply, installation, testing and commissioning of BLDC ceiling fans & BLDC Exhaust fans		5.00%
	D 7.6.1	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from Ground floor to 6 th floor	1.50%	
	D 7.6.2	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from 7 th floor to 12 th floor	1.50%	
	D 7.6.3	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from Ground Floor to 6 th Floor	0.50%	
	D 7.6.4	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from 6 th Floor to 12 th Floor	0.50%	
	D 7.6.5	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans	0.50%	
	D 7.6.6	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans	0.50%	
D 7.7		Supply and installation, Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators, USB Socket, TV Sockets and LAN Ports		20.00%
	D 7.7.1	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground floor to 6 th floor	6.50%	
	D 7.7.2	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 7 th floor to terrace	6.50%	
	D 7.7.3	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground Floor to 6 th Floor	2.50%	
	D 7.7.4	Installation of Modular Box, Modular	2.50%	

		Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 7 th to Terrace		
	D 7.7.5	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground floor to 6 th floor	1.00%	
	D 7.7.6	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports 7 th floor to terrace	1.00%	
D 7.8	Supply & Drawing Testing and Commissioning of Point Wiring			10.00%
	D 7.8.1	Supply & Drawing of Point Wiring from Ground Floor to 6 th Floor	3.50%	
	D 7.8.2	Supply & Drawing of Point Wiring from 7 th Floor to Terrace	3.50%	
	D 7.8.3	Testing and Commissioning of Point Wiring from Ground floor to 6 th floor	1.50%	
	D 7.8.4	Testing and Commissioning of Point Wiring from 7 th floor to terrace	1.50%	
D 7.9	Supply, Drawing, Testing and Commissioning of Power Distribution System			10.00%
	D 7.9.1	Supply & Drawing of Power Distribution System from Ground Floor to 6 th Floor	3.50%	
	D 7.9.2	Supply & Drawing of Power Distribution System from 7 th Floor to Terrace	3.50%	
	D 7.9.3	Testing and Commissioning of Power Distribution System from Ground floor to 6 th floor	1.50%	
	D 7.9.4	Testing and Commissioning of Power Distribution System from 7 th floor to terrace	1.50%	
D 7.10	Supply, Installation, Testing and Commissioning of Street Lights & Post Top Lights & Bollard Lights & Illuminated Signages			5.00%
	D 7.10.1	Supply of Street lights Post top Lights & Bollard lights, Illuminated Signages	3.00%	
	D 7.10.2	Installation of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
	D 7.10.3	Testing and commissioning of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
D 7.11	Supply, installation, testing and commissioning of Horizontal Type 25ltrs. Capacity Electric water heaters (Geysers)			1.00%
D 7.11.1	Supply of Electric Geysers for Gnd. to 12 th Floor			0.50%
D 7.11.2	Installation of Electric Geysers from Gnd. to 12 th Floor			0.50%
D 7.11.3	Testing and Commissioning of Electric Geysers from Gnd. to 12 th floor			0.50%
D 7.12	Supply, installation, testing and connecting the Lightning Protection system along with Earthing system.			2.00%
D 7.13	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system			1.50%
D 7.14	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)			1.50%
				100.00%

Sub-head D 8) Payment percentage breakup for External Service Connection MV Panels at Substation side, DG Set with AMF Panel and Earthing System			
D 8.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
D 8.2	Supply of Installation, Testing and Commissioning of M V Panels at Substation		35.00%
	D 8.2.1	Supply, Augmentation & Installation of M V Panels at Substation	25.00%
	D 8.2.2	Testing and Commissioning of M V Panels at Substation	10.00%
D 8.3	Supply, Laying, end termination, Testing & Commissioning of LT Cables		50.00%
	D 8.3.1	Supply of Suitable Size LT Cables	25.00%
	D 8.3.2	Laying of LT Cables	15.00%
	D 8.3.3	End termination, Testing & Commissioning of LT Cables	10.00%
D 8.4	Supply, Installation, Testing and Commissioning of 82.5 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel		10.00%
	D 8.4.1	Supply of 82.5 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel	6.00%
	D 8.4.2	Installation of 82.5 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel	2.00%
	D 8.4.3	Testing and Commissioning of 82.5 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel	2.00%
D 8.5	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system at Building level.		2.00%
D 8.6	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)		2.00%
			100.00%

Sub-head D 9) Payment percentage breakup for Supply, Installation, Testing & Commissioning of Lifts:				
D 9.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.			1.00%
D 9.2	Supply, Installation, Testing & Commissioning of 20 Passenger Lift - 1 & 20 Passenger lift-2 with Completion of Third Party Inspection			95.00%
	D 9.2.1	Supply and proper storage of 20 Passengers Lift-1 with spares, Control panel, etc. at Site	30.00%	
	D 9.2.2	Supply and proper storage of 20 Passengers Lift-2 with spares, Control panel, etc. at Site	30.00%	
	D 9.2.3	Installation 20 Passenger Lift-1	10.00%	
	D 9.2.4	Testing & Commissioning of 20 Passenger Lift-1 & Completion of Third Party Inspection	8.00%	
	D 9.2.5	Installation of 20 Passenger Lift-2	10.00%	
	D 9.2.6	Testing & Commissioning of 20 Passenger Lift-2 & Completion of Third Party Inspection	7.00%	
D 9.3	Handing over the 20 passenger Lift-1 in all respects along with As-Built Drawings (soft & Hard Copies)			2.00%
D 9.4	Handing over the 20 passenger Lift-2 in all respects along with As-Built Drawings (soft & Hard Copies)			2.00%
				100.00%

Sub-head D 10) Payment percentage breakup for Fire Fighting System, Automatic Fire Alarm System, Fire Extinguishers & water supply pump sets			
D 10.1	Planning, Detailed Design, Engineering as per the NBC 2016 Code & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
D 10.2	Supply, Installation, Testing and Commissioning of Fire Hydrant, Fire Fighting Pumps, Wet Riser and Sprinkler System.		65.00%
	D 10.2.1	Supply of Fire Fighting pumps, Wet Riser piping, Sprinklers and Yard Hydrant etc. as per the Approved Drawings/Take off Sheets	45.00%
	D 10.2.2	Installation Fire Fighting pumps, Wet Riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
	D 10.2.3	Testing & Commissioning complete Fire Fighting system including Fire Fighting Pumps, Wet riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
D 10.3	Supply, Installation, Testing and Commissioning of Automatic Addressable Fire Alarm System		28.00%
	D 10.3.1	Supply of Automatic Fire Alarm Systems and cables as per the Approved Drawings	15.00%
	D 10.3.2	Laying of cables and Installation of Automatic Fire alarm system	8.00%
	D 10.3.3	Testing and Commissioning of Automatic Fire alarm System	5.00%
D 10.4	Supply and installation of Fire Extinguishers at designated locations as per the approved Drawing by Engineer-In-Charge		1.00%
D 10.5	Supply, Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building		3.00%
	D 10.5.1	Supply of Water supply pumps along with Starter and Automatic electrical control panel	2.00%
	D 10.5.2	Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building	1.00%
D 10.6	Handing over the Fire Fighting System, Automatic Fire alarm System, Water pumping System along with NOC from the Local Authorities and As-Built Drawing (Soft & Hard Copy)		2.00%
			100.00%

Sub-head D 11) Payment percentage breakup for LAN, Wi-Fi and Networking system, Telephone, Dish TV:				
D 11.1	Planning, Detailed Design Engineering and approval of the same by the Engineer-In-Charge.			1.00%
D 11.2	Supplying, Installation, Testing and Commissioning of LAN System comprising of core switches and L2 switches with 10G, 10 Giga SFP Modules, Wi-Fi access points, Wi-Fi controller, Network Management Software, Racks, CAT 6A Cable, patch panels, OFC etc.			97.00%
	D 11.2.1	Supply of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	70.00%	
	D 11.2.2	Installation of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	15.00%	
	D 11.2.3	Supply & Laying of LAN Cables/Tele Phone Cables/ Fiber Optics Cables/ Dish TV Cables	7.00%	
	D 11.2.4	Testing and Commissioning of LAN, Wi-Fi Network, Telephone and Dish TV Cabling	5.00%	
D 11.3	Handing over the LAN, Wi-Fi, Networking System, Telephone and Dish TV Network along with As-Built Drawing (Soft & Hard Copy)			2.00%
				100.00%

<u>Sub-head D 12) Payment percentage breakup for Stairways and Lift shaft Pressurization System:</u>				
D 12.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.			1.00%
D 12.2	Supply, Installation, Testing and Commissioning of Stairways and Lift shaft pressurization system as per NBC 2016, CPWD Specification and Telangana State Disaster Response and Fire Services department			95.00%
	D 12.2.1	Supplying of stairways and lift shaft pressurization System	70.00%	
	D 12.2.2	Installation of stairways and lift shaft pressurization System	15.00%	
	D 12.2.3	Testing and Commissioning of Stairways and lift shaft pressurization system	10.00%	
D 12.3	Handing over the Stairways and lift shaft pressurization system along with As-Built drawings (Soft & Hard Copy)			4.00%
				100.00%

E: FACULTY HOUSING TOWER (FT1B – C Type):**Annexure E 1****Sub-head E 1: Payment percentage breakup for RCC Precast Faculty Housing Tower (G+12) framed structure and finishing's: -**

(For intermittent payments, Pro-rata payment will be released on percentage basis on achievement of physical work)

SI. No.	Stage of activity	Breakup of % of Item Contract Value	% of Item Contract Value
E 1.1	Planning, Detailed Design & Approval from third party vetting and approval of the same by the Engineer-In-Charge.		1.00%
E 1.1.1	On approval of All Architectural Drawings by Engineer in Charge and filing application and obtaining approval for Building Occupancy Certificate (OC), fire NOC and any other, mandatory local body approvals as may be required.	0.30%	
E 1.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
E 1.1.3	On approval of All MEP Drawings (except shop drawings) by Engineer in Charge.	0.40%	
E 1.2	Completion of Foundation & plinth including grade beams & slab.		20.00%
E 1.2.1	Excavation in all types of Soil/rocks.	2.00%	
E 1.2.2	On completion of PCC with Anti-termite Treatment	1.00%	
E 1.2.3	On completion of Footing/rafts etc.	10.00%	
E 1.2.4	On completion of back filling, plinth filling, plinth beams etc.	4.00%	
E 1.2.5	Completion of grade slab (or) floor One	3.00%	
E 1.3	Completion of basic structure including precast panel walls and treatment of all joints.		49.00%
E 1.3.1	On Completion up to Floor two level	2.00%	
E 1.3.2	On Completion up to Floor three level	3.50%	
E 1.3.3	On Completion up to Floor four level	3.50%	
E 1.3.4	On Completion up to Floor five level	3.50%	
E 1.3.5	On Completion up to Floor Six level	3.50%	
E 1.3.6	On Completion up to Floor Seven level	3.50%	

	E 1.3.7	On Completion up to Eight level	3.50%	
	E 1.3.8	On Completion up to Nine level	3.50%	
	E 1.3.9	On Completion up to Ten level	3.50%	
	E 1.3.10	On Completion up to Eleven level	3.50%	
	E 1.3.11	On Completion up to Twelve level	3.50%	
	E 1.3.12	On Completion up to Thirteen level	3.50%	
	E 1.3.13	On Completion up to Terrace/ fourteen level	3.50%	
	E 1.3.14	On completion of overhead water Tank, Mumty, parapet, Lift Machine Room (LMR) and other all miscellaneous works as per the approved drawings	0.50%	
	E 1.3.15	On completion of water proofing of terrace, lift pits, Waterproofing in rooms, balconies & corridors, water tight stitch Joints of all panels of the building and pond testing and testing of vertical joints for water tightness	4.50%	
E 1.4	Completion of finishing works i.e., Toilet waterproofing, flooring, fixing of doors & windows, interior & exterior painting etc.			28.00%
		All type of Flooring, skirting, dado in all floors including stilt flooring etc.		
	E 1.4.1	On completion of flooring in all flats of the building and kitchen platforms and dadoing in wet areas including stilt floor as per the approved drawing.	3.00%	
	E 1.4.2	On completion of flooring in all corridors and common areas with skirting.	1.50%	
	E 1.4.3	On completion of waterproofing, flooring and dadoing in toilets.	3.00%	
	E 1.4.4	On completion of staircase mid-ladings, riser and treads including skirting	3.00%	
		Fixing of all types doors & windows with MS Grills as per the approved drawing		
	E 1.4.5	On completion of procurement of material	3.00%	
	E 1.4.6	On completion of Installation including Granite sills and jams as per approved drawing.	3.00%	
	E 1.4.7	On completion of hardware and fixtures	1.00%	
		Painting (Internal & External) i/c putty and texture as per the approved drawing		
	E 1.4.8	On completion of internal painting	3.50%	
	E 1.4.9	On completion of external painting	3.50%	

		Other work:		
	E 1.4.10	All other works such as false ceiling to the rooms of the flats at 12 th floor, SS railings in all staircase area, Balconies with glass & entrance ramp etc. as per the approved drawings.	1.50%	
	E 1.4.11	Thermal insulation to all room of the flats external walls	2.00%	
E 1.5		Submission of completion certificate of the building, all statutory post-construction clearances, licenses and as- built drawing, handing over of buildings and successful closing of agreement		2.00%
		Total		100.00%

Sub-head E 2: Payment percentage breakup for Internal water supply and sanitary installation, Civil External Service Connections, External Sewerage, Distribution lines upto 100 mm dia, Unfiltered water supply distribution lines upto 100mm dia, Storm water drains: -

(For intermittent payments, Pro-rata payment will be released per running metre basis on achievement of physical work)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
E 2.1	Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
E 2.2	On completion of all internal sanitary pipelines installations, water supply works and rain water pipes, etc. complete as per the directions of EIC.		77.00%
	E 2.2.1 Procurement of all category of pipes, fixtures and fittings	10.00%	
	E 2.2.2 Laying of pipe lines in desired locations as per the approved drawings by EIC.	15.00%	
	E 2.2.3 Testing & Commissioning of Water supply lines	5.00%	
	E 2.2.4 Procurement of sanitary installations for complete building as per the approved make and as approved by EIC	20.00%	
	E 2.2.5 Fixing of sanitary installations in desired locations as per the approved drawings by EIC.	25.00%	
	E 2.2.6 Testing & Commissioning of sanitary installations complete as per the directions of EIC.	2.00%	
E 2.3	All External water supply works and connections complete as per the directions of EIC.		10.00%
	E 2.3.1 On supply of pipes etc.	5.00%	
	E 2.3.2 On installation of equipment and laying of pipes, valves, inspection chambers, etc.	3.00%	
	E 2.3.3 On successful testing of equipment after installation	1.00%	
	E 2.3.4 After satisfactory commissioning	1.00%	
E 2.4	External Sewerage system connections complete as per the directions of EIC.		3.50%
	E 2.4.1 On supply of pipes etc.	1.50%	
	E 2.4.2 On laying of pipes including manholes, etc.	1.00%	
	E 2.4.3 On successful testing of the network	0.50%	

	E 2.4.4	After satisfactory commissioning	0.50%	
E 2.5		On completion of Distribution lines upto 100 mm dia complete as per the directions of EIC.		0.40%
E 2.6		On completion of Unfiltered water supply distribution lines upto 100mm dia complete as per the directions of EIC.		0.40%
E 2.7		Storm water drains complete as per the directions of EIC.		7.70%
	E 2.7.1	After providing bottom & side walls storm water drains complete	5.00%	
	E 2.7.2	Providing & placing covers including culverts wherever required.	1.50%	
	E 2.7.3	After successful testing	1.00%	
	E 2.7.4	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.	0.20%	
		Total		100.00%

Sub-head E 3: Payment percentage breakup for construction of Underground sump:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone		Breakup of % of Item Contract Value	% of Item Contract Value
E 3.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.			1.00%
	E 3.1.1	On approval of All Architectural Drawings by Engineer in Charge.	0.30%	
	E 3.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	E 3.1.3	On approval of All MEP Drawings including Proof Checking by third party.	0.40%	
E 3.2	Completion of Excavation, bed concrete and bottom water proofing treatment			22.00%
	E 3.2.1	On completion of excavation work in all types of soils/rocks	7.00%	
	E 3.2.2	On completion of bed concrete as per the approved drawings by EIC	7.00%	
	E 3.2.3	On completion of bottom waterproofing treatment as per the approved methodology by EIC	8.00%	
E 3.3	Completion of bottom raft, walls, internal waterproofing, ceramic tile lining.			40.00%
	E 3.3.1	On completion of bottom raft work as per the approved drawing	10.00%	
	E 3.3.2	On completion of walls	10.00%	
	E 3.3.3	On completion of Internal waterproofing	10.00%	
	E 3.3.4	On completion of ceramic tiles etc.,	10.00%	
E 3.4	Completion of roof & external water proofing treatment.			20.00%
	E 3.4.1	On completion of roof concreting as per the approved drawings	10.00%	
	E 3.4.2	On completion of external waterproofing treatment as per the approved methodology by EIC	10.00%	
E 3.5	Completion of external finishing works, plumbing and all other associated works complete			15.00%
	E 3.5.1	On completion of external finishing works as per the approved drawings	7.50%	
	E 3.5.2	On completion of plumbing and all other associated works complete.	7.50%	
E 3.6	Submission of completion certificate all statutory post-construction clearances and as-built drawing, handing over and successful closing of agreement.			2.00%
		Total		100.00%

Sub-head E 4: Payment percentage breakup for External Development like Levelling, Internal roads with WMM and Cement Concrete pavement with vacuum dewatered concrete, Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side, Children Play Area and Granite Benches:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
E 4.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
E 4.2	On completion of Levelling as per the directions of EIC.		3.75%
E 4.3	On completion of Cement Concrete pavement with vacuum dewatered concrete as per the directions of EIC.		46.25%
	E 4.3.1 On completion of Preparation of sub grade	4.50%	
	E 4.3.2 On completion of laying of base concrete and kerb	15.50%	
	E 4.3.3 On completion of laying of Dewatered Vacuum Cement Concrete	19.50%	
	E 4.3.4 On completion of providing & filling of grooves, Road marking, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in-charge.	6.75%	
E 4.4	On completion of Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side as per the directions of EIC.		33.50%
	E 4.4.1 On completion of Preparation of sub grade	4.00%	
	E 4.4.2 On completion of laying of PCC Base	11.00%	
	E 4.4.3 On completion of laying of 60mm thick paver block and kerb stone edging on one side	14.00%	
	E 4.4.4 On completion of providing & filling of gaps, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in- charge.	4.50%	
E 4.5	Children Play Area and Granite Benches as per the directions of EIC.		15.50%
	E 4.5.1 On completion of Sub base and PCC Flooring	3.00%	
	E 4.5.2 On completion of 30mm thick EPDM Flooring as per the approved drawing and design	6.50%	
	E 4.5.3 On completion of supply and installation of children playing equipment as per the approved design and drawing by EIC.	5.00%	
	E 4.5.4 On completion of supply and installation of Granite Benches as per the approved drawing.	1.00%	
	Total		100.00%

Sub-head E 5: Payment percentage breakup for Modular Furniture Work:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
E 5.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
E 5.2	Approval of Shop drawings by Engineer – in-charge		1.00%
E 5.3	SITC of Modular furniture like Kitchen Unit, TV Unit and Wardrobes.		96.00%
	E 5.3.1 On supply of total material required for installation of modular furniture work for all flats	60.00%	
	E 5.3.2 On completion of carcass and approved by EIC for shutters and other works	18.00%	
	E 5.3.3 On completion of fixing of all shutters and Hardware as required to make the structure complete.	18.00%	
E 5.4	On completion of filling of any gaps, alignments and Completion Certificate and acceptance by the Engineer-in- charge.		2.00%
	Total		100.00%

Sub-head E 6: Schedule of Payment for Hardscaping, Landscaping and Horticulture works

(For intermittent payments, Pro-rata payment on achievement of physical work will be released)

SI. No.	Milestone	Breakup of % of Item	% of Item Contract Value	Remarks
E 6.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%	
E 6.2	Landscaping, Hardscaping, and Horticulture Works in complete shape.		75.00%	
E 6.3	For 6 months Maintenance period after completion of building.		20.00%	
E 6.4	Completion Certificate and acceptance by the Engineer-in-charge.		4.00%	
	Total		100.00%	

Sl. No.	Description of Sub-Component of Work	Breakup of % of Item Contract Value	% of Item Contract Value
Sub-head E 7) Payment percentage breakup for Internal Electrical wiring and internal electrification installations, UPS System, Illuminated Signages, street lighting, compound and Foot Path Lighting etc.			
E 7.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
E 7.2	Supply, Installation, Testing and Commissioning of LT Panels, SDB, Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB's etc.,		11.00%
E 7.2.1	Supply of L T Panels, SDB	4.00%	
E 7.2.2	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains From Ground Floor to 6 th Floor	2.00%	
E 7.2.3	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 07 th Floor to Terrace	2.00%	
E 7.2.4	Installation of LT Panels, SDB	0.50%	
E 7.2.5	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground Floor to 6 th Floor	0.25%	
E 7.2.6	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 7 th Floor to Terrace	0.25%	
E 7.2.7	Testing and Commissioning of LT Panels, SDB	1.00%	
E 7.2.8	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground to 6 th Floor	0.50%	
E 7.2.9	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 7 th Floor to Terrace	0.50%	
E 7.3	Supply, Laying, end termination, Testing & commissioning of LT Cables		15.00%
E 7.3.1	Supply of Suitable Size LT Cables	10.00%	
E 7.3.2	Laying & end termination of LT Cables	2.00%	
E 7.3.3	Testing & commissioning of LT Cables	3.00%	
E 7.4	Supply, Installation, Testing and Commissioning of UPS System		0.50%
E 7.4.1	Supply of UPS System	0.40%	
E 7.4.2	Installation, Testing and Commissioning of UPS System	0.10%	
E 7.5	Supply, installation, testing and commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting		15.00%

	E 7.5.1	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground floor to 6 th floor	5.00%	
	E 7.5.2	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th floor to Terrace	5.00%	
	E 7.5.3	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 6 th Floor	1.50%	
	E 7.5.4	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th Floor to Terrace	1.50%	
	E 7.5.5	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 6 th Floor	1.00%	
	E 7.5.6	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th Floor to Terrace	1.00%	
E 7.6		Supply, installation, testing and commissioning of BLDC ceiling fans & BLDC Exhaust fans		5.00%
	E 7.6.1	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from Ground floor to 6 th floor	1.50%	
	E 7.6.2	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from 7 th floor to 12 th floor	1.50%	
	E 7.6.3	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from Ground Floor to 6 th Floor	0.50%	
	E 7.6.4	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from 6 th Floor to 12 th Floor	0.50%	
	E 7.6.5	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans	0.50%	
	E 7.6.6	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans	0.50%	
E 7.7		Supply and installation, Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators, USB Socket, TV Sockets and LAN Ports		20.00%
	E 7.7.1	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground floor to 6 th floor	6.50%	
	E 7.7.2	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 7 th floor to terrace	6.50%	

	E 7.7.3	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground Floor to 6 th Floor	2.50%	
	E 7.7.4	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 7 th to Terrace	2.50%	
	E 7.7.5	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground floor to 6 th floor	1.00%	
	E 7.7.6	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports 7 th floor to terrace	1.00%	
E 7.8	Supply & Drawing Testing and Commissioning of Point Wiring			10.00%
	E 7.8.1	Supply & Drawing of Point Wiring from Ground Floor to 6 th Floor	3.50%	
	E 7.8.2	Supply & Drawing of Point Wiring from 7 th Floor to Terrace	3.50%	
	E 7.8.3	Testing and Commissioning of Point Wiring from Ground floor to 6 th floor	1.50%	
	E 7.8.4	Testing and Commissioning of Point Wiring from 7 th floor to terrace	1.50%	
E 7.9	Supply, Drawing, Testing and Commissioning of Power Distribution System			10.00%
	E 7.9.1	Supply & Drawing of Power Distribution System from Ground Floor to 6 th Floor	3.50%	
	E 7.9.2	Supply & Drawing of Power Distribution System from 7 th Floor to Terrace	3.50%	
	E 7.9.3	Testing and Commissioning of Power Distribution System from Ground floor to 6 th floor	1.50%	
	E 7.9.4	Testing and Commissioning of Power Distribution System from 7 th floor to terrace	1.50%	
E 7.10	Supply, Installation, Testing and Commissioning of Street Lights & Post Top Lights & Bollard Lights & Illuminated Signage's			5.00%
	E 7.10.1	Supply of Street lights Post top Lights & Bollard lights, Illuminated Signage's	3.00%	
	E 7.10.2	Installation of Post top Lights & Bollard lights, Street Lights, Illuminated Signage's	1.00%	
	E 7.10.3	Testing and commissioning of Post top Lights & Bollard lights, Street Lights, Illuminated Signage's	1.00%	
E 7.11	Supply, installation, testing and commissioning of Horizontal Type 25ltrs. Capacity Electric water heaters (Geysers)			2.00%
	E 7.11.1	Supply of Electric Geysers from Gnd. to 12 th Floor	1.00%	

	E 7.11.2	Installation of Electric Geysers from Gnd. to 12 th Floor	0.50%	
	E 7.11.3	Testing & Commissioning of Electric Geysers from Gnd. to 12 th Floor	0.50%	
E 7.12	Supply, installation, testing and connecting the Lightning Protection system along with Earthing system.			2.50%
E 7.13	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system			1.50%
E 7.14	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)			1.50%
				100%

Sub-head E 8) Payment percentage breakup for External Service Connection MV Panels at Substation side and Earthing System			
E 8.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
E 8.2	Supply of Installation, Testing and Commissioning of M V Panels at Substation		40.00%
	E 8.2.1	Supply, Augmentation & Installation of M V Panels at Substation	30.00%
	E 8.2.2	Testing and Commissioning of M V Panels at Substation	10.00%
E 8.3	Supply, Laying, end termination, Testing & Commissioning of LT Cables		55.00%
	E 8.3.1	Supply of Suitable Size LT Cables	35.00%
	E 8.3.2	Laying and end termination of LT Cables	10.00%
	E 8.3.3	Testing & Commissioning of LT Cables	10.00%
E 8.4	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system		2.00%
E 8.5	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)		2.00%
			100.00%

Sub-head E 9) Payment percentage breakup for Supply, Installation, Testing & Commissioning of Lifts:				
E 9.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.			1.00%
E 9.2	Supply, Installation, Testing & Commissioning of 20 Passenger Lift-1 & 20 Passenger lift-2 with Completion of Third Party Inspection			95.00%
	E 9.2.1	Supply and proper storage of 20 Passengers Lift-1 with Spares, Control panel, etc. at Site	30.00%	
	E 9.2.2	Supply and proper storage of 20 Passengers Lift-2 with Spares, Control panel, etc. at Site	30.00%	
	E 9.2.3	Installation 20 Passenger Lift -1	10.00%	
	E 9.2.4	Testing & Commissioning of 20 Passenger Lift-1& Completion of Third Party Inspection	8.00%	
	E 9.2.5	Installation of 20 Passenger Lift-2	10.00%	
	E 9.2.6	Testing & Commissioning of 20 Passenger Lift-2 & Completion of Third Party Inspection	7.00%	
E 9.3	Handing over the 20 passenger Lift-1 in all respects along with As-Built Drawings (soft & Hard Copies)			2.00%
E 9.4	Handing over the 20 passenger Lift-2 in all respects along with As-Built Drawings (soft & Hard Copies)			2.00%
				100.00%

Sub-head E 10) Payment percentage breakup for Fire Fighting System, Automatic Fire Alarm System, Fire Extinguishers & water supply pump sets:			
E 10.1	Planning, Detailed Design, Engineering as per the NBC 2016 Code & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
E 10.2	Supply, Installation, Testing and Commissioning of Fire Hydrant, Fire Fighting Pumps, Wet Riser and Sprinkler System.		65.00%
	E 10.2.1	Supply of Fire Fighting pumps, Wet Riser piping, Sprinklers and Yard Hydrant etc. as per the Approved Drawings/Take off Sheets	45.00%
	E 10.2.2	Installation Fire Fighting pumps, Wet Riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
	E 10.2.3	Testing & Commissioning complete Fire Fighting system including Fire Fighting Pumps, Wet riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
E 10.3	Supply, Installation, Testing and Commissioning of Automatic Addressable Fire Alarm System		28.00%
	E 10.3.1	Supply of Automatic Fire Alarm Systems and cables as per the Approved Drawings	15.00%
	E 10.3.2	Laying of cables and Installation of Automatic Fire alarm system	8.00%
	E 10.3.3	Testing and Commissioning of Automatic Fire alarm System	5.00%
E 10.4	Supply and installation of Fire Extinguishers at designated locations as per the approved Drawing by Engineer-In-Charge		1.00%
E 10.5	Supply, Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building		3.00%
	E 10.5.1	Supply of Water supply pumps along with Starter and Automatic electrical control panel	2.00%
	E 10.5.2	Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building	1.00%
E 10.6	Handing over the Fire Fighting System, Automatic Fire alarm System, Water pumping System along with NOC from the Local Authorities and As-Built Drawing (Soft & Hard Copy)		2.00%
			100.00%

Sub-head E 11) Payment percentage breakup for LAN, Wi-Fi and Networking system, Telephone, Dish TV			
E 11.1	Planning, Detailed Design Engineering and approval of the same by the Engineer-In-Charge.		1.00%
E 11.2	Supplying, Installation, Testing and Commissioning of LAN System comprising of core switches and L2 switches with 10G, 10 Giga SFP Modules, Wi-Fi access points, Wi-Fi controller, Network Management Software, Racks, CAT 6A Cable, patch panels, OFC etc.		97.00%
	E 11.2.1	Supply of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	70.00%
	E 11.2.2	Installation of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	15.00%
	E 11.2.3	Supply & Laying of LAN Cables/Tele Phone Cables/ Fiber Optics Cables/ Dish TV Cables	7.00%
	E 11.2.4	Testing and Commissioning of complete LAN, Wi-Fi Network, Telephone and Dish TV Cabling	5.00%
E 11.3	Handing over the LAN, Wi-Fi, Networking System, Telephone and Dish TV Network along with As-Built Drawing (Soft & Hard Copy)		2.00%
			100.00%

Sub-head E 12) Payment percentage breakup for Stairways and Lift shaft Pressurization System			
E 12.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.		1.00%
E 12.2	Supply, Installation, Testing and Commissioning of Stairways and Lift shaft pressurization system as per NBC 2016, CPWD Specification and Telangana State Disaster Response and Fire Services department		95.00%
	E 12.2.1	Supplying of stairways and lift shaft pressurization System	70.00%
	E 12.2.2	Installation of stairways and lift shaft pressurization System	15.00%
	E 12.2.3	Testing and Commissioning of Stairways and lift shaft pressurization system	10.00%
E 12.3	Handing over the Stairways and lift shaft pressurization system along with As-Built drawings (Soft & Hard Copy)		4.00%
			100.00%

F: STAFF HOUSING TOWER (ST1A – E Type):**Annexure F1****Sub-head F 1: Payment percentage breakup for RCC Precast Staff Housing Tower (G+12) framed structure and finishing's: -**

(For intermittent payments, Pro-rata payment will be released on percentage basis on achievement of physical work)

SI. No.	Stage of activity	Breakup of % of Item Contract Value	% of Item Contract Value
F 1.1	Planning, Detailed Design & Approval from third party vetting and approval of the same by the Engineer-In-Charge.		1.00%
F 1.1.1	On approval of All Architectural Drawings by Engineer in Charge and filing application and obtaining approval for Building Occupancy Certificate (OC), fire NOC and any other, mandatory local body approvals as may be required.	0.30%	
F 1.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
F 1.1.3	On approval of All MEP Drawings (except shop drawings) by Engineer in Charge.	0.40%	
F 1.2	Completion of Foundation & plinth including grade beams & slab.		20.00%
F 1.2.1	Excavation in all types of Soil/rocks.	2.00%	
F 1.2.2	On completion of PCC with Anti-termite Treatment	1.00%	
F 1.2.3	On completion of Footing/rafts etc.	10.00%	
F 1.2.4	On completion of back filling, plinth filling, plinth beams etc.	4.00%	
F 1.2.5	Completion of grade slab (or) floor One	3.00%	
F 1.3	Completion of basic structure including precast panel walls and treatment of all joints.		49.00%
F 1.3.1	On Completion up to Floor two level	2.00%	
F 1.3.2	On Completion up to Floor three level	3.50%	
F 1.3.3	On Completion up to Floor four level	3.50%	
F 1.3.4	On Completion up to Floor five level	3.50%	
F 1.3.5	On Completion up to Floor Six level	3.50%	
F 1.3.6	On Completion up to Floor Seven level	3.50%	

	F 1.3.7	On Completion up to Eight level	3.50%	
	F 1.3.8	On Completion up to Nine level	3.50%	
	F 1.3.9	On Completion up to Ten level	3.50%	
	F 1.3.10	On Completion up to Eleven level	3.50%	
	F 1.3.11	On Completion up to Twelve level	3.50%	
	F 1.3.12	On Completion up to Thirteen level	3.50%	
	F 1.3.13	On Completion up to Terrace/ fourteen level	3.50%	
	F 1.3.14	On completion of overhead water Tank, Mumty, parapet, Lift Machine Room (LMR) and other all miscellaneous works as per the approved drawings	0.50%	
	F 1.3.15	On completion of water proofing of terrace, lift pits, Waterproofing in rooms, balconies & corridors, water tight stitch Joints of all panels of the building and pond testing and testing of vertical joints for water tightness	4.50%	
F 1.4	Completion of finishing works i.e., Toilet waterproofing, flooring, fixing of doors & windows, interior & exterior painting etc.			28.00%
		All type of Flooring, skirting, dado in all floors including stilt flooring etc.		
	F 1.4.1	On completion of flooring in all flats of the building and kitchen platforms and dadoing in wet areas including stilt floor as per the approved drawing.	3.00%	
	F 1.4.2	On completion of flooring in all corridors and common areas with skirting.	1.50%	
	F 1.4.3	On completion of waterproofing, flooring and dadoing in toilets.	3.00%	
	F 1.4.4	On completion of staircase mid-ladings, riser and treads including skirting	3.00%	
		Fixing of all types doors & windows with MS Grills as per the approved drawing		
	F 1.4.5	On completion of procurement of material	3.00%	
	F 1.4.6	On completion of Installation including Granite sills and jams as per approved drawing.	3.00%	
	F 1.4.7	On completion of hardware and fixtures	1.00%	
		Painting (Internal & External) i/c putty and texture as per the approved drawing		
	F 1.4.8	On completion of internal painting	3.50%	

	F 1.4.9	On completion of external painting	3.50%	
		Other work:		
	F 1.4.10	All other works such as false ceiling to the rooms of the flats at 12 th floor, SS railings in all staircase area, Balconies with glass & entrance ramp etc. as per the approved drawings.	1.50%	
	F 1.4.11	Thermal insulation to all room of the flats external walls	2.00%	
	F 1.5	Submission of completion certificate of the building, all statutory post construction clearances, licenses and as- built drawing, handing over of buildings and successful closing of agreement		2.00%
		Total		100.00%

Sub-head F 2: Payment percentage breakup for Internal water supply and sanitary installation, Civil External Service Connections, External Sewerage, Distribution lines upto 100 mm dia, Unfiltered water supply distribution lines upto 100mm dia, Storm water drains: -

(For intermittent payments, Pro-rata payment will be released per running metre basis on achievement of physical work)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
F 2.1	Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
F 2.2	On completion of all internal sanitary pipelines installations, water supply works and rain water pipes, etc. complete as per the directions of EIC.		72.00%
F 2.2.1	Procurement of all category of pipes, fixtures and fittings	9.50%	
F 2.2.2	Laying of pipe lines in desired locations as per the approved drawings by EIC.	14.50%	
F 2.2.3	Testing & Commissioning of Water supply lines	4.50%	
F 2.2.4	Procurement of sanitary installations for complete building as per the approved make and as approved by EIC	18.50%	
F 2.2.5	Fixing of sanitary installations in desired locations as per the approved drawings by EIC.	23.00%	
F 2.2.6	Testing & Commissioning of sanitary installations complete as per the directions of EIC.	2.00%	
F 2.3	All External water supply works and connections complete as per the directions of EIC.		10.00%
F 2.3.1	On supply of pipes etc.	5.00%	
F 2.3.2	On installation of equipment and laying of pipes, valves, inspection chambers, etc.	3.00%	
F 2.3.3	On successful testing of equipment after installation	1.00%	
F 2.3.4	After satisfactory commissioning	1.00%	
F 2.4	External Sewerage system connections complete as per the directions of EIC.		3.00%
F 2.4.1	On supply of pipes etc.	1.50%	
F 2.4.2	On laying of pipes including manholes, etc.	1.00%	
F 2.4.3	On successful testing of the network	0.25%	
F 2.4.4	After satisfactory commissioning	0.25%	

F 2.5	On completion of Distribution lines upto 100 mm dia complete as per the directions of EIC.		.2.25%
F 2.6	On completion of Unfiltered water supply distribution lines upto 100mm dia complete as per the directions of EIC.		2.25%
F 2.7	Storm water drains complete as per the directions of EIC.		9.50%
F 2.7.1	After providing bottom & side walls storm water drains complete	5.50%	
F 2.7.2	Providing & placing covers including culverts wherever required.	2.50%	
F 2.7.3	After successful testing	1.00%	
F 2.7.4	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.	0.50%	
	Total		100.00%

Sub-head F 3: Payment percentage breakup for construction of Underground sump:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone		Breakup of % of Item Contract Value	% of Item Contract Value
F 3.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.			1.00%
	F 3.1.1	On approval of All Architectural Drawings by Engineer in Charge.	0.30%	
	F 3.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	F 3.1.3	On approval of All MEP Drawings including Proof Checking by third party.	0.40%	
F 3.2	Completion of Excavation, bed concrete and bottom water proofing treatment			22.00%
	F 3.2.1	On completion of excavation work in all types of soils/rocks	7.00%	
	F 3.2.2	On completion of bed concrete as per the approved drawings by EIC	7.00%	
	F 3.2.3	On completion of bottom waterproofing treatment as per the approved methodology by EIC	8.00%	
F 3.3	Completion of bottom raft, walls, internal waterproofing, ceramic tile lining.			40.00%
	F 3.3.1	On completion of bottom raft work as per the approved drawing	10.00%	
	F 3.3.2	On completion of walls	10.00%	
	F 3.3.3	On completion of Internal waterproofing	10.00%	
	F 3.3.4	On completion of ceramic tiles etc.,	10.00%	
F 3.4	Completion of roof & external water proofing treatment.			20.00%
	F 3.4.1	On completion of roof concreting as per the approved drawings	10.00%	
	F 3.4.2	On completion of external waterproofing treatment as per the approved methodology by EIC.	10.00%	
F 3.5	Completion of external finishing works, plumbing and all other associated works complete			15.00%
	F 3.5.1	On completion of external finishing works as per the approved drawings	7.50%	
	F 3.5.2	On completion of plumbing and all other associated works complete.	7.50%	
F 3.6	Submission of completion certificate all statutory post- construction clearances and as-built drawing, handing over and successful closing of agreement.			2.00%
		Total		100.00%

Sub-head F 4: Payment percentage breakup for External Development like Levelling, Internal roads with WMM and Cement Concrete pavement with vacuum dewatered concrete, Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
F 4.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
F 4.2	On completion of Levelling as per the directions of EIC.		7.00%
F 4.3	On completion of Cement Concrete pavement with vacuum dewatered concrete as per the directions of EIC.		57.00%
F 4.3.1	On completion of Preparation of sub grade and WMM	5.50%	
F 4.3.2	On completion of laying of base concrete and kerb	19.00%	
F 4.3.3	On completion of laying of Dewatered Vacuum Cement Concrete	24.00%	
F 4.3.4	On completion of providing & filling of grooves, Road marking, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in-charge.	8.50%	
F 4.4	On completion of Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side as per the directions of EIC.		35.00%
F 4.4.1	On completion of Preparation of sub grade	4.50%	
F 4.4.2	On completion of laying of PCC Base	11.50%	
F 4.4.3	On completion of laying of 60mm thick paver block and kerb stone edging on one side	14.50%	
F 4.4.4	On completion of providing & filling of gaps, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in-charge.	4.50%	
	Total		100.00%

Sub-head F 5: Payment percentage breakup for Modular Furniture Work:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
F 5.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
F 5.2	Approval of Shop drawings by Engineer – in-charge		1.00%
F 5.3	SITC of Modular furniture like Kitchen Unit, TV Unit and Wardrobes.		96.00%
	F 5.3.1 On supply of total material required for installation of modular furniture work for all flats	60.00%	
	F 5.3.2 On completion of carcass and approved by EIC for shutters and other works	18.00%	
	F 5.3.3 On completion of fixing of all shutters and Hardware as required to make the structure complete.	18.00%	
F 5.4	On completion of filling of any gaps, alignments and Completion Certificate and acceptance by the Engineer-in-charge.		2.00%
	Total		100.00%

Sub-head F 6: Payment percentage breakup for Hardscaping, Landscaping and Horticulture works:

(For intermittent payments, Pro-rata payment on achievement of physical work will be released)

Sl. No.	Milestone	Breakup of % of Item	% of Item Contract Value	Remarks
F 6.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%	
F 6.2	Landscaping, Hardscaping, and Horticulture Works in complete shape.		75.00%	
F 6.3	For 6 months Maintenance period after completion of building.		20.00%	
F 6.4	Completion Certificate and acceptance by the Engineer-in-charge.		4.00%	
	Total		100.00%	

Sl. No.	Description of Sub-Component of Work	Breakup of % of Item Contract Value	% of Item Contract Value
Sub-head F 7) Payment percentage breakup for Internal Electrical wiring and internal electrification installations, UPS System, Illuminated Signage's, street lighting, compound and Foot Path Lighting etc.			
F 7.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
F 7.2	Supply, Installation, Testing and Commissioning of LT Panels, SDB, Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB's etc.,		11.00%
	F 7.2.1 Supply of L T Panels, SDB	4.00%	
	F 7.2.2 Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains From Ground Floor to 6 th Floor	2.00%	
	F 7.2.3 Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 07 th Floor to Terrace	2.00%	
	F 7.2.4 Installation of LT Panels, SDB	0.50%	
	F 7.2.5 Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground Floor to 6 th Floor	0.25%	
	F 7.2.6 Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 7 th Floor to Terrace	0.25%	
	F 7.2.7 Testing and Commissioning of LT Panels, SDB	1.00%	
	F 7.2.8 Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground to 6 th Floor	0.50%	
	F 7.2.9 Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 7 th Floor to Terrace	0.50%	
F 7.3	Supply, Laying, end termination, Testing & commissioning of LT Cables		15.00%
	F 7.3.1 Supply of Suitable Size LT Cables	10.00%	
	F 7.3.2 Laying & end termination of LT Cables	2.00%	
	F 7.3.3 Testing & commissioning of LT Cables	3.00%	
F 7.4	Supply, Installation, Testing and Commissioning of UPS System		0.50%
	F 7.4.1 Supply of UPS System	0.40%	
	F 7.4.2 Installation, Testing and Commissioning of UPS System	0.10%	

F 7.5	Supply, installation, testing and commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting		15.00%
	F 7.5.1	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground floor to 6 th floor	5.00%
	F 7.5.2	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th floor to Terrace	5.00%
	F 7.5.3	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 6 th Floor	1.50%
	F 7.5.4	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th Floor to Terrace	1.50%
	F 7.5.5	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 6 th Floor	1.00%
	F 7.5.6	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th Floor to Terrace	1.00%
F 7.6	Supply, installation, testing and commissioning of BLDC ceiling fans & BLDC Exhaust fans		5.00%
	F 7.6.1	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from Ground floor to 6 th floor	1.50%
	F 7.6.2	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from 7 th floor to 12 th floor	1.50%
	F 7.6.3	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from Ground Floor to 6 th Floor	0.50%
	F 7.6.4	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from 6 th Floor to 12 th Floor	0.50%
	F 7.6.5	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans	0.50%
	F 7.6.6	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans	0.50%
F 7.7	Supply and installation, Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators, USB Socket, TV Sockets and LAN Ports		20.00%

	F 7.7.1	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground floor to 6 th floor	6.50%	
	F 7.7.2	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 7 th floor to terrace	6.50%	
	F 7.7.3	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground Floor to 6 th Floor	2.50%	
	F 7.7.4	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 7 th to Terrace	2.50%	
	F 7.7.5	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground floor to 6 th floor	1.00%	
	F 7.7.6	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports 7 th floor to terrace	1.00%	
F 7.8	Supply & Drawing Testing and Commissioning of Point Wiring			10.00%
	F 7.8.1	Supply & Drawing of Point Wiring from Ground Floor to 6 th Floor	3.50%	
	F 7.8.2	Supply & Drawing of Point Wiring from 7 th Floor to Terrace	3.50%	
	F 7.8.3	Testing and Commissioning of Point Wiring from Ground floor to 6 th floor	1.50%	
	F 7.8.4	Testing and Commissioning of Point Wiring from 7 th floor to terrace	1.50%	
F 7.9	Supply, Drawing, Testing and Commissioning of Power Distribution System			10.00%
	F 7.9.1	Supply & Drawing of Power Distribution System from Ground Floor to 6 th Floor	3.50%	
	F 7.9.2	Supply & Drawing of Power Distribution System from 7 th Floor to Terrace	3.50%	
	F 7.9.3	Testing and Commissioning of Power Distribution System from Ground floor to 6 th floor	1.50%	
	F 7.9.4	Testing and Commissioning of Power Distribution System from 7 th floor to terrace	1.50%	
F 7.10	Supply, Installation, Testing and Commissioning of Street Lights & Post Top Lights & Bollard Lights & Illuminated Signages			5.00%
	F 7.10.1	Supply of Street lights Post top Lights & Bollard lights, Illuminated Signages	3.00%	
	F 7.10.2	Installation of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
	F 7.10.3	Testing and commissioning of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	

F 7.11	Supply, installation, testing and commissioning of Horizontal Type 25ltrs. Capacity Electric water heaters (Geysers)		2.00%
	F 7.11.1	Supply of Electric Geysers from Gnd. to 12 th floor	1.00%
	F 7.11.2	Installation of Electric Geysers from Gnd. to 12 th floor	0.50%
	F 7.11.3	Testing & Commissioning of Electric Geysers from Gnd. to 12 th floor	0.50%
F 7.12	Supply, installation, testing and connecting the Lightning Protection system along with Earthing system.		2.50%
F 7.13	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system		1.50%
F 7.14	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)		1.50%
			100%

Sub-head F 8) Payment percentage breakup for External Service Connection MV Panels at Substation side and Earthing System			
F 8.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
F 8.2	Supply of Installation, Testing and Commissioning of M V Panels at Substation		40.00%
	F 8.2.1	Supply, Augmentation & Installation of M V Panels at Substation	30.00%
	F 8.2.2	Testing and Commissioning of M V Panels at Substation	10.00%
F 8.3	Supply, Laying, end termination, Testing & Commissioning of LT Cables		55.00%
	F 8.3.1	Supply of Suitable Size LT Cables	35.00%
	F 8.3.2	Laying and end termination of LT Cables	10.00%
	F 8.3.3	Testing & Commissioning of LT Cables	10.00%
F 8.4	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system		2.00%
F 8.5	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)		2.00%
			100.00%

Su-head F 9) Payment percentage breakup for Supply, Installation, Testing & Commissioning of Lifts:			
F 9.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
F 9.2	Supply, Installation, Testing & Commissioning of 20 Passenger Lift-1 & 20 Passenger lift-2 Completion of Third Party Inspection		95.00%
F 9.2.1	Supply and proper storage of 20 Passengers Lift-1, Spares, Control panel, etc. at Site	30.00%	
F 9.2.2	Supply and proper storage of 20 Passengers Lift-2, Spares, Control panel, etc. at Site	30.00%	
F 9.2.3	Installation 20 Passenger Lift -1	10.00%	
F 9.2.4	Testing & Commissioning of 20 Passenger Lift -1& Completion of Third Party Inspection	8.00%	
F 9.2.5	Installation of 20 Passenger Lift -2	10.00%	
F 9.2.6	Testing & Commissioning of 20 Passenger Lift-2 & Completion of Third Party Inspection	7.00%	
F 9.3	Handing over the 20 passenger Lift-1 in all respects along with As-Built Drawings (soft & Hard Copies)		2.00%
F 9.4	Handing over the 20 passenger Lift-2 in all respects along with As-Built Drawings (soft & Hard Copies)		2.00%
			100.00%

Sub-head F 10) Payment percentage breakup for Fire Fighting System, Automatic Fire Alarm System, Fire Extinguishers & water supply pump sets			
F 10.1	Planning, Detailed Design, Engineering as per the NBC 2016 Code & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
F 10.2	Supply, Installation, Testing and Commissioning of Fire Hydrant, Fire Fighting Pumps, Wet Riser and Sprinkler System.		65.00%
	F 10.2.1	Supply of Fire Fighting pumps, Wet Riser piping, Sprinklers and Yard Hydrant etc. as per the Approved Drawings/Take off Sheets	45.00%
	F 10.2.2	Installation Fire Fighting pumps, Wet Riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
	F 10.2.3	Testing & Commissioning complete Fire Fighting system including Fire Fighting Pumps, Wet riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
F 10.3	Supply, Installation, Testing and Commissioning of Automatic Addressable Fire Alarm System		28.00%
	F 10.3.1	Supply of Automatic Fire Alarm Systems and cables as per the Approved Drawings	15.00%
	F 10.3.2	Laying of cables and Installation of Automatic Fire alarm system	8.00%
	F 10.3.3	Testing and Commissioning of Automatic Fire alarm System	5.00%
F 10.4	Supply and installation of Fire Extinguishers at designated locations as per the approved Drawing by Engineer-In-Charge		1.00%
F 10.5	Supply, Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building		3.00%
	F 10.5.1	Supply of Water supply pumps along with Starter and Automatic electrical control panel	2.00%
	F 10.5.2	Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building	1.00%
F 10.6	Handing over the Fire Fighting System, Automatic Fire alarm System, Water pumping System along with NOC from the Local Authorities and As-Built Drawing (Soft & Hard Copy)		2.00%
			100.00%

Sub-head F 11) Payment percentage breakup for LAN, Wi-Fi and Networking system, Telephone, Dish TV:				
F 11.1	Planning, Detailed Design Engineering and approval of the same by the Engineer-In-Charge.			1.00%
F 11.2	Supplying, Installation, Testing and Commissioning of LAN System comprising of core switches and L2 switches with 10G, 10 Giga SFP Modules, Wi-Fi access points, Wi-Fi controller, Network Management Software, Racks, CAT 6A Cable, patch panels, OFC etc.			97.00%
	F 11.2.1	Supply of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	70.00%	
	F 11.2.2	Installation of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	15.00%	
	F 11.2.3	Supply & Laying of LAN Cables/Telephone Cables/ Fiber Optics Cables/ Dish TV Cables	7.00%	
	D 11.2.4	Testing and Commissioning of LAN, Wi-Fi Network, Telephone and Dish TV Cabling	5.00%	
F 11.3	Handing over the LAN, Wi-Fi, Networking System, Telephone and Dish TV Network along with As-Built Drawing (Soft & Hard Copy)			2.00%
				100.00%

<u>Sub-head F 12) Payment percentage breakup for Stairways and Lift shaft Pressurization System</u>				
F 12.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer In Charge.			1.00%
F 12.2	Supply, Installation, Testing and Commissioning of Stairways and Lift shaft pressurization system as per NBC 2016, CPWD Specification and Telangana State Disaster Response and Fire Services department			95.00%
	F 12.2.1	Supplying of stairways and lift shaft pressurization System	70.00%	
	F 12.2.2	Installation of stairways and lift shaft pressurization System	15.00%	
	F 12.2.3	Testing and Commissioning of Stairways and lift shaft pressurization system	10.00%	
F 12.3	Handing over the Stairways and lift shaft pressurization system along with As-Built drawings (Soft & Hard Copy)			4.00%
				100.00%

G: STAFF HOUSING TOWER (ST2A – D Type):

Annexure G 1

Sub-head G 1: Payment percentage breakup for RCC Precast Staff Housing Tower (G+12) framed structure and finishing's: -

(For intermittent payments, Pro-rata payment will be released on percentage basis on achievement of physical work)

SI. No.	Stage of activity	Breakup of % of Item Contract Value	% of Item Contract Value
G 1.1	Planning, Detailed Design & Approval from third party vetting and approval of the same by the Engineer-In-Charge.		1.00%
G 1.1.1	On approval of All Architectural Drawings by Engineer in Charge and filing application and obtaining approval for Building Occupancy Certificate (OC), fire NOC and any other, mandatory local body approvals as may be required.	0.30%	
G 1.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
G 1.1.3	On approval of All MEP Drawings (except shop drawings) by Engineer in Charge.	0.40%	
G 1.2	Completion of Foundation & plinth including grade beams & slab.		20.00%
G 1.2.1	Excavation in all types of Soil/rocks.	2.00%	
G 1.2.2	On completion of PCC with Anti-termite Treatment	1.00%	
G 1.2.3	On completion of Footing/rafts etc.	10.00%	
G 1.2.4	On completion of back filling, plinth filling, plinth beams etc.	4.00%	
G 1.2.5	Completion of grade slab (or) floor One	3.00%	
G 1.3	Completion of basic structure including precast panel walls and treatment of all joints.		49.00%
G 1.3.1	On Completion up to Floor two level	2.00%	
G 1.3.2	On Completion up to Floor three level	3.50%	
G 1.3.3	On Completion up to Floor four level	3.50%	
G 1.3.4	On Completion up to Floor five level	3.50%	
G 1.3.5	On Completion up to Floor Six level	3.50%	
G 1.3.6	On Completion up to Floor Seven level	3.50%	

	G 1.3.7	On Completion up to Eight level	3.50%	
	G 1.3.8	On Completion up to Nine level	3.50%	
	G 1.3.9	On Completion up to Ten level	3.50%	
	G 1.3.10	On Completion up to Eleven level	3.50%	
	G 1.3.11	On Completion up to Twelve level	3.50%	
	G 1.3.12	On Completion up to Thirteen level	3.50%	
	G 1.3.13	On Completion up to Terrace/ fourteen level	3.50%	
	G 1.3.14	On completion of overhead water Tank, Mumty, parapet, Lift Machine Room (LMR) and other all miscellaneous works as per the approved drawings	0.50%	
	G 1.3.15	On completion of water proofing of terrace, lift pits, Waterproofing in rooms, balconies & corridors, water tight stitch Joints of all panels of the building and pond testing and testing of vertical joints for water tightness	4.50%	
G 1.4	Completion of finishing works i.e., Toilet waterproofing, flooring, fixing of doors & windows, interior & exterior painting etc.			28.00%
		All type of Flooring, skirting, dado in all floors including stilt flooring etc.		
	G 1.4.1	On completion of flooring in all flats of the building and kitchen platforms and dadoing in wet areas including stilt floor as per the approved drawing.	3.00%	
	G 1.4.2	On completion of flooring in all corridors and common areas with skirting.	1.50%	
	G 1.4.3	On completion of waterproofing, flooring and dadoing in toilets.	3.00%	
	G 1.4.4	On completion of staircase mid-ladings, riser and treads including skirting	3.00%	
		Fixing of all types doors & windows with MS Grills as per the approved drawing		
	G 1.4.5	On completion of procurement of material	3.00%	
	G 1.4.6	On completion of Installation including Granite sills and jams as per approved drawing.	3.00%	
	G 1.4.7	On completion of hardware and fixtures	1.00%	
		Painting (Internal & External) i/c putty and texture as per the approved drawing		
	G 1.4.8	On completion of internal painting	3.50%	
	G 1.4.9	On completion of external painting	3.50%	

		Other work:		
	G 1.4.10	All other works such as false ceiling to the rooms of the flats at 12 th floor, SS railings in all staircase area, Balconies with glass & entrance ramp etc. as per the approved drawings.	1.50%	
	G 1.4.11	Thermal insulation to all room of the flats external walls	2.00%	
	G 1.5	Submission of completion certificate of the building, all statutory post-construction clearances, licenses and as- built drawing, handing over of buildings and successful closing of agreement		2.00%
		Total		100.00%

Sub-head G 2: Payment percentage breakup for Internal water supply and sanitary installation, Civil External Service Connections, External Sewerage, Distribution lines upto 100 mm dia, Unfiltered water supply distribution lines upto 100mm dia, Storm water drains: -

(For intermittent payments, Pro-rata payment will be released per running metre basis on achievement of physical work)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
G 2.1	Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
G 2.2	On completion of all internal sanitary pipelines installations, water supply works and rain water pipes, etc. complete as per the directions of EIC.		73.00%
G 2.2.1	Procurement of all category of pipes, fixtures and fittings	10.00%	
G 2.2.2	Laying of pipe lines in desired locations as per the approved drawings by EIC.	15.00%	
G 2.2.3	Testing & Commissioning of Water supply lines	4.50%	
G 2.2.4	Procurement of sanitary installations for complete building as per the approved make and as approved by EIC	18.50%	
G 2.2.5	Fixing of sanitary installations in desired locations as per the approved drawings by EIC.	23.00%	
G 2.2.6	Testing & Commissioning of sanitary installations complete as per the directions of EIC.	2.00%	
G 2.3	All External water supply works and connections complete as per the directions of EIC.		10.00%
G 2.3.1	On supply of pipes etc.	5.00%	
G 2.3.2	On installation of equipment and laying of pipes, valves, inspection chambers, etc.	3.00%	
G 2.3.3	On successful testing of equipment after installation	1.00%	
G 2.3.4	After satisfactory commissioning	1.00%	
G 2.4	External Sewerage system connections complete as per the directions of EIC.		3.30%
G 2.4.1	On supply of pipes etc.	1.60%	
G 2.4.2	On laying of pipes including manholes, etc.	1.20%	
G 2.4.3	On successful testing of the network	0.25%	
G 2.4.4	After satisfactory commissioning	0.25%	

G 2.5	On completion of Distribution lines upto 100 mm dia complete as per the directions of EIC.		1.10%
G 2.6	On completion of Unfiltered water supply distribution lines upto 100mm dia complete as per the directions of EIC.		1.10%
G 2.7	Storm water drains complete as per the directions of EIC.		10.50%
	G 2.7.1 After providing bottom & side walls storm water drains complete	6.00%	
	G 2.7.2 Providing & placing covers including culverts wherever required.	3.00%	
	G 2.7.3 After successful testing	1.00%	
	G 2.7.4 On commissioning Completion Certificate and acceptance by the Engineer-in-charge.	0.50%	
	Total		100.00%

Sub-head G 3: Payment percentage breakup for construction of Underground sump:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
G 3.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
	G 3.1.1 On approval of All Architectural Drawings by Engineer in Charge.	0.30%	
	G 3.1.2 On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	G 3.1.3 On approval of All MEP Drawings including Proof Checking by third party.	0.40%	
G 3.2	Completion of Excavation, bed concrete and bottom water proofing treatment		22.00%
	G 3.2.1 On completion of excavation work in all types of soils/rocks	7.00%	
	G 3.2.2 On completion of bed concrete as per the approved drawings by EIC	7.00%	
	G 3.2.3 On completion of bottom waterproofing treatment as per the approved methodology by EIC	8.00%	
G 3.3	Completion of bottom raft, walls, internal waterproofing, ceramic tile lining.		40.00%
	G 3.3.1 On completion of bottom raft work as per the approved drawing	10.00%	
	G 3.3.2 On completion of walls	10.00%	
	G 3.3.3 On completion of Internal waterproofing	10.00%	
	G 3.3.4 On completion of ceramic tiles etc.,	10.00%	
G 3.4	Completion of roof & external water proofing treatment.		20.00%
	G 3.4.1 On completion of roof concreting as per the approved drawings	10.00%	
	G 3.4.2 On completion of external waterproofing treatment as per the approved methodology by EIC.	10.00%	
G 3.5	Completion of external finishing works, plumbing and all other associated works complete		15.00%
	G 3.5.1 On completion of external finishing works as per the approved drawings	7.50%	
	G 3.5.2 On completion of plumbing and all other associated works complete.	7.50%	
G 3.6	Submission of completion certificate all statutory post-construction clearances and as-built drawing, handing over and successful closing of agreement.		2.00%
	Total		100.00%

Sub-head G 4: Payment percentage breakup for External Development like Levelling, Internal roads with WMM and Cement Concrete pavement with vacuum dewatered concrete, Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
G 4.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
G 4.2	On completion of Levelling as per the directions of EIC.		7.00%
G 4.3	On completion of Cement Concrete pavement with vacuum dewatered concrete as per the directions of EIC.		57.00%
	G 4.3.1 On completion of Preparation of sub grade	5.50%	
	G 4.3.2 On completion of laying of base concrete and kerb	19.00%	
	G 4.3.3 On completion of laying of Dewatered Vacuum Cement Concrete	24.00%	
	G 4.3.4 On completion of providing & filling of grooves, Road marking, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in- charge.	8.50%	
G 4.4	On completion of Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side as per the directions of EIC.		35.00%
	G 4.4.1 On completion of Preparation of sub grade	4.50%	
	G 4.4.2 On completion of laying of PCC Base	11.50%	
	G 4.4.3 On completion of laying of 60mm thick paver block and kerb stone edging on one side	14.50%	
	G 4.4.4 On completion of providing & filling of gaps, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in- charge.	4.50%	
	Total		100.00%

Sub-head G 5: Payment percentage breakup for Modular Furniture Work:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

Sl. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
G 5.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
G 5.2	Approval of Shop drawings by Engineer – in-charge		1.00%
G 5.3	SITC of Modular furniture like Kitchen Unit, TV Unit and Wardrobes.		96.00%
	G 5.3.1 On supply of total material required for installation of modular furniture work for all flats	60.00%	
	G 5.3.2 On completion of carcass and approved by EIC for shutters and other works	18.00%	
	G 5.3.3 On completion of fixing of all shutters and Hardware as required to make the structure complete.	18.00%	
G 5.4	On completion of filling of any gaps, alignments and Completion Certificate and acceptance by the Engineer-in- charge.		2.00%
	Total		100.00%

Sub-head G 6: Payment percentage breakup for Hardscaping, Landscaping and Horticulture works

(For intermittent payments, Pro-rata payment on achievement of physical work will be released)

SI. No.	Milestone	Breakup of % of Item	% of Item Contract Value	Remarks
G 6.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%	
G 6.2	Landscaping, Hardscaping, and Horticulture Works in complete shape.		75.00%	
G 6.3	For 6 months Maintenance period after completion of building.		20.00%	
G 6.4	Completion Certificate and acceptance by the Engineer-in-charge.		4.00%	
	Total		100.00%	

Sl. No.	Description of Sub-Component of Work	Breakup of % of Item Contract Value	% of Item Contract Value
Sub-head G 7) Payment percentage breakup for Internal Electrical wiring and internal electrification installations, UPS System, Illuminated Signages, street lighting, compound and Foot Path Lighting etc.			
G 7.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
G 7.2	Supply, Installation, Testing and Commissioning of LT Panels, SDB, Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB's etc.,		11.00%
	G 7.2.1	Supply of L T Panels, SDB	4.00%
	G 7.2.2	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains From Ground Floor to 6 th Floor	2.00%
	G 7.2.3	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 07 th Floor to Terrace	2.00%
	G 7.2.4	Installation of LT Panels, SDB	0.50%
	G 7.2.5	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground Floor to 6 th Floor	0.25%
	G 7.2.6	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 7 th Floor to Terrace	0.25%
	G 7.2.7	Testing and Commissioning of LT Panels, SDB	1.00%
	G 7.2.8	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground to 6 th Floor	0.50%
	G 7.2.9	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 7 th Floor to Terrace	0.50%
G 7.3	Supply, Laying, end termination, Testing & commissioning of LT Cables		15.00%
	G 7.3.1	Supply of Suitable Size LT Cables	10.00%
	G 7.3.2	Laying & end termination of LT Cables	2.00%
	G 7.3.3	Testing & commissioning of LT Cables	3.00%
G 7.4	Supply, Installation, Testing and Commissioning of UPS System		0.50%
	G 7.4.1	Supply of UPS System	0.40%

	G 7.4.2	Installation, Testing and Commissioning of UPS System	0.10%	
D 7.5	Supply, installation, testing and commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting			15.00%
	G 7.5.1	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground floor to 6 th floor	5.00%	
	G 7.5.2	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th floor to Terrace	5.00%	
	D 7.5.3	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 6 th Floor	1.50%	
	G 7.5.4	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th Floor to Terrace	1.50%	
	G 7.5.5	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 6 th Floor	1.00%	
	G 7.5.6	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th Floor to Terrace	1.00%	
G 7.6	Supply, installation, testing and commissioning of BLDC ceiling fans & BLDC Exhaust fans			5.00%
	G 7.6.1	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from Ground floor to 6 th floor	1.50%	
	G 7.6.2	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from 7 th floor to 12 th floor	1.50%	
	G 7.6.3	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from Ground Floor to 6 th Floor	0.50%	
	G 7.6.4	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from 6 th Floor to 12 th Floor	0.50%	
	G 7.6.5	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans	0.50%	
	G 7.6.6	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans	0.50%	
G 7.7	Supply and installation, Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators, USB Socket, TV Sockets and LAN Ports			20.00%
	G 7.7.1	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground floor to 6 th floor	6.50%	

	G 7.7.2	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 7 th floor to terrace	6.50%	
	G 7.7.3	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground Floor to 6 th Floor	2.50%	
	G 7.7.4	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 7 th to Terrace	2.50%	
	G 7.7.5	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground floor to 6 th floor	1.00%	
	G 7.7.6	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports 7 th floor to terrace	1.00%	
G 7.8	Supply & Drawing Testing and Commissioning of Point Wiring			10.00%
	G 7.8.1	Supply & Drawing of Point Wiring from Ground Floor to 6 th Floor	3.50%	
	G 7.8.2	Supply & Drawing of Point Wiring from 7 th Floor to Terrace	3.50%	
	G 7.8.3	Testing and Commissioning of Point Wiring from Ground floor to 6 th floor	1.50%	
	G 7.8.4	Testing and Commissioning of Point Wiring from 7 th floor to terrace	1.50%	
G 7.9	Supply, Drawing, Testing and Commissioning of Power Distribution System			10.00%
	G 7.9.1	Supply & Drawing of Power Distribution System from Ground Floor to 6 th Floor	3.50%	
	G 7.9.2	Supply & Drawing of Power Distribution System from 7 th Floor to Terrace	3.50%	
	G 7.9.3	Testing and Commissioning of Power Distribution System from Ground floor to 6 th floor	1.50%	
	G 7.9.4	Testing and Commissioning of Power Distribution System from 7 th floor to terrace	1.50%	
G 7.10	Supply, Installation, Testing and Commissioning of Street Lights & Post Top Lights & Bollard Lights & Illuminated Signage's			5.00%
	G 7.10.1	Supply of Street lights Post top Lights & Bollard lights, Illuminated Signage's	3.00%	
	G 7.10.2	Installation of Post top Lights & Bollard lights, Street Lights, Illuminated Signage's	1.00%	
	G 7.10.3	Testing and commissioning of Post top Lights & Bollard lights, Street Lights, Illuminated Signage's	1.00%	

G 7.11	Supply, installation, testing and commissioning of Horizontal Type 25ltrs. Capacity Electric water heaters (Geysers)		2.00%
	G 7.11.1	Supply of Electric Geysers from Gnd. to 12 th floor	1.00%
	G 7.11.2	Installation of Electric Geysers from Gnd. to 12 th floor	0.50%
	G 7.11.3	Testing and Commissioning of Electric Geysers from Gnd. to 12 th Floor	0.50%
G 7.12	Supply, installation, testing and connecting the Lightning Protection system along with Earthing system.		2.50%
G 7.13	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system		1.50%
G 7.14	Commissioning and Handing over the As Built Drawings (soft & Hard Copies)		1.50%
			100%

Sub-head G 8) Payment percentage breakup for External Service Connection			
MV Panels at Substation side, DG Set with AMF Panel and Earthing System			
G 8.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
G 8.2	Supply of Installation, Testing and Commissioning of M V Panels at Substation		35.00%
	G 8.2.1	Supply, Augmentation & Installation of M V Panels at Substation	25.00%
	G 8.2.2	Testing and Commissioning of M V Panels at Substation	10.00%
G 8.3	Supply, Laying, end termination, Testing & Commissioning of LT Cables		50.00%
	G 8.3.1	Supply of Suitable Size LT Cables	25.00%
	G 8.3.2	Laying and end termination of LT Cables	15.00%
	G 8.3.3	Testing & Commissioning of LT Cables	10.00%
G 8.4	Supply, Installation, Testing and Commissioning of 100 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel		10.00%
	G 8.4.1	Supply of 100 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel	6.00%
	G 8.4.2	Installation of 100 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel	2.00%
	G 8.4.3	Testing and Commissioning of 100 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel	2.00%
G 8.5	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system at Building level.		2.00%
G 8.6	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)		2.00%
			100.00%

Annexure G9

Sub-head G 9) Payment percentage breakup for Supply, Installation, Testing & Commissioning of Lifts:				
G 9.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.			1.00%
G 9.2	Supply, Installation, Testing & Commissioning of 20 Passenger Lift-1 & 20 Passenger lift-2 with Completion of Third Party Inspection			95.00%
	G 9.2.1	Supply and proper storage of 20 Passengers Lift-1, Spares, Control panel, etc. at Site	30.00%	
	G 9.2.2	Supply and proper storage of 20 Passengers Lift-2, Spares, Control panel, etc. at Site	30.00%	
	G 9.2.3	Installation 20 Passenger Lift -1	10.00%	
	G 9.2.4	Testing & Commissioning of 20 Passenger Lift-1 & Completion of Third Party Inspection	8.00%	
	G 9.2.5	Installation of 20 Passenger Lift -2	10.00%	
	G 9.2.6	Testing & Commissioning of 20 Passenger Lift-2 & Completion of Third Party Inspection	7.00%	
G 9.3	Handing over the 20 passenger Lift-1 in all respects along with As-Built Drawings (soft & Hard Copies)			2.00%
G 9.4	Handing over the 20 passenger Lift-2 in all respects along with As-Built Drawings (soft & Hard Copies)			2.00%
				100.00%

Sub-head G 10) Payment percentage breakup for Fire Fighting System, Automatic Fire Alarm System, Fire Extinguishers & water supply pump sets:			
G 10.1	Planning, Detailed Design, Engineering as per the NBC 2016 Code & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
G 10.2	Supply, Installation, Testing and Commissioning of Fire Hydrant, Fire Fighting Pumps, Wet Riser and Sprinkler System.		65.00%
	G 10.2.1	Supply of Fire Fighting pumps, Wet Riser piping, Sprinklers and Yard Hydrant etc. as per the Approved Drawings/Take off Sheets	45.00%
	G 10.2.2	Installation Fire Fighting pumps, Wet Riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
	G 10.2.3	Testing & Commissioning complete Fire Fighting system including Fire Fighting Pumps, Wet riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
G 10.3	Supply, Installation, Testing and Commissioning of Automatic Addressable Fire Alarm System		28.00%
	G 10.3.1	Supply of Automatic Fire Alarm Systems and cables as per the Approved Drawings	15.00%
	G 10.3.2	Laying of cables and Installation of Automatic Fire alarm system	8.00%
	G 10.3.3	Testing and Commissioning of Automatic Fire alarm System	5.00%
G 10.4	Supply and installation of Fire Extinguishers at designated locations as per the approved Drawing by Engineer-In-Charge		1.00%
G 10.5	Supply, Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building		3.00%
	G 10.5.1	Supply of Water supply pumps along with Starter and Automatic electrical control panel	2.00%
	G 10.5.2	Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building	1.00%
G 10.6	Handing over the Fire Fighting System, Automatic Fire alarm System, Water pumping System along with NOC from the Local Authorities and As-Built Drawing (Soft & Hard Copy)		2.00%
			100.00%

Annexure G11

<u>Sub-head G 11) Payment percentage breakup for LAN, Wi-Fi and Networking system, Telephone, Dish TV:</u>			
G 11.1	Planning, Detailed Design Engineering and approval of the same by the Engineer-In-Charge.		1.00%
G 11.2	Supplying, Installation, Testing and Commissioning of LAN System comprising of core switches and L2 switches with 10G, 10 Giga SFP Modules, Wi-Fi access points, Wi-Fi controller, Network Management Software, Racks, CAT 6A Cable, patch panels, OFC etc.		97.00%
	G 11.2.1	Supply of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	70.00%
	G 11.2.2	Installation of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	15.00%
	G 11.2.3	Supply & Laying of LAN Cables/Telephone Cables/ Fiber Optics Cables/ Dish TV Cables	7.00%
	G 11.2.4	Testing and Commissioning of LAN, Wi-Fi Network, Telephone and Dish TV Cabling	5.00%
G 11.3	Handing over the LAN, Wi-Fi, Networking System, Telephone and Dish TV Network along with As-Built Drawing (Soft & Hard Copy)		2.00%
			100.00%

Sub-head G 12) Payment percentage breakup for Stairways and Lift shaft Pressurization System:			
G 12.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.		1.00%
G 12.2	Supply, Installation, Testing and Commissioning of Stairways and Lift shaft pressurization system as per NBC 2016, CPWD Specification and Telangana State Disaster Response and Fire Services department		95.00%
	G 12.2.1	Supplying & Installation of stairways and lift shaft pressurization System	70.00%
	G 12.2.2	Installation of stairways and lift shaft pressurization System	15.00%
	G 12.2.3	Testing and Commissioning of Stairways and lift shaft pressurization system	10.00%
G 12.3	Handing over the Stairways and lift shaft pressurization system along with As-Built drawings (Soft & Hard Copy)		4.00%
			100.00%

H: STAFF HOUSING TOWER (ST2B – D Type):**Annexure H1****Sub-head H 1: Payment percentage breakup for construction of RCC Precast Staff Housing Tower (G+12) framed structure and finishing's: -**

(For intermittent payments, Pro-rata payment will be released on percentage basis on achievement of physical work)

SI. No.	Stage of activity		Breakup of % of Item Contract Value	% of Item Contract Value
H 1.1	Planning, Detailed Design & Approval from third party vetting and approval of the same by the Engineer-In-Charge.			1.00%
	H 1.1.1	On approval of All Architectural Drawings by Engineer in Charge and filing application and obtaining approval for Building Occupancy Certificate (OC), fire NOC and any other, mandatory local body approvals as may be required.	0.30%	
	H 1.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	H 1.1.3	On approval of All MEP Drawings (except shop drawings) by Engineer in Charge.	0.40%	
H 1.2	Completion of Foundation & plinth including grade beams & slab.			20.00%
	H 1.2.1	Excavation in all types of Soil/rocks.	2.00%	
	H 1.2.2	On completion of PCC with Anti-termite Treatment	1.00%	
	H 1.2.3	On completion of Footing/rafts etc.	10.00%	
	H 1.2.4	On completion of back filling, plinth filling, plinth beams etc.	4.00%	
	H 1.2.5	Completion of grade slab (or) floor One	3.00%	
H 1.3	Completion of basic structure including precast panel walls and treatment of all joints.			49.00%
	H 1.3.1	On Completion up to Floor two level	2.00%	
	H 1.3.2	On Completion up to Floor three level	3.50%	
	H 1.3.3	On Completion up to Floor four level	3.50%	
	H 1.3.4	On Completion up to Floor five level	3.50%	
	H 1.3.5	On Completion up to Floor Six level	3.50%	
	H 1.3.6	On Completion up to Floor Seven level	3.50%	

	H 1.3.7	On Completion up to Eight level	3.50%	
	H 1.3.8	On Completion up to Nine level	3.50%	
	H 1.3.9	On Completion up to Ten level	3.50%	
	H 1.3.10	On Completion up to Eleven level	3.50%	
	H 1.3.11	On Completion up to Twelve level	3.50%	
	H 1.3.12	On Completion up to Thirteen level	3.50%	
	H 1.3.13	On Completion up to Terrace/ fourteen level	3.50%	
	H 1.3.14	On completion of overhead water Tank, Mumty, parapet, Lift Machine Room (LMR) and other all miscellaneous works as per the approved drawings	0.50%	
	H 1.3.15	On completion of water proofing of terrace, lift pits, Waterproofing in rooms, balconies & corridors, water tight stitch Joints of all panels of the building and pond testing and testing of vertical joints for water tightness .	4.50%	
H 1.4	Completion of finishing works i.e., Toilet waterproofing, flooring, fixing of doors & windows, interior & exterior painting etc.			28.00%
		All type of Flooring, skirting, dado in all floors including stilt flooring etc.		
	H 1.4.1	On completion of flooring in all flats of the building and kitchen platforms and dadoing in wet areas including stilt floor as per the approved drawing.	3.00%	
	H 1.4.2	On completion of flooring in all corridors and common areas with skirting.	1.50%	
	H 1.4.3	On completion of waterproofing, flooring and dadoing in toilets.	3.00%	
	H 1.4.4	On completion of staircase mid-ladings, riser and treads including skirting	3.00%	
		Fixing of all types doors & windows with MS Grills as per the approved drawing		
	H 1.4.5	On completion of procurement of material	3.00%	
	H 1.4.6	On completion of Installation including Granite sills and jams as per approved drawing.	3.00%	
	H 1.4.7	On completion of hardware and fixtures	1.00%	
		Painting (Internal & External) i/c putty and texture as per the approved drawing		
	H 1.4.8	On completion of internal painting	3.50%	

	H 1.4.9	On completion of external painting	3.50%	
		Other work:		
	H 1.4.10	All other works such as false ceiling to the rooms of the flats at 12 th floor, SS railings in all staircase area, Balconies with glass & entrance ramp etc. as per the approved drawings.	1.50%	
	H 1.4.11	Thermal insulation to all room of the flats external walls	2.00%	
H 1.5		Submission of completion certificate of the building, all statutory post-construction clearances, licenses and as-built drawing, handing over of buildings and successful closing of agreement		2.00%
		Total		100.00%

Sub-head H 2: Payment percentage breakup for Internal water supply and sanitary installation, Civil External Service Connections, External Sewerage, Distribution lines upto 100 mm dia, Unfiltered water supply distribution lines upto 100mm dia, Storm water drains: -

(For intermittent payments, Pro-rata payment will be released per running metre basis on achievement of physical work)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
H 2.1	Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
H 2.2	On completion of all internal sanitary pipelines installations, water supply works and rain water pipes, etc. complete as per the directions of EIC.		72.00%
	H 2.2.1 Procurement of all category of pipes, fixtures and fittings	10.00%	
	H 2.2.2 Laying of pipe lines in desired locations as per the approved drawings by EIC.	14.00%	
	H 2.2.3 Testing & Commissioning of Water supply lines	4.50%	
	H 2.2.4 Procurement of sanitary installations for complete building as per the approved make and as approved by EIC	18.50%	
	H 2.2.5 Fixing of sanitary installations in desired locations as per the approved drawings by EIC.	23.00%	
	H 2.2.6 Testing & Commissioning of sanitary installations complete as per the directions of EIC.	2.00%	
H 2.3	All External water supply works and connections complete as per the directions of EIC.		10.00%
	H 2.3.1 On supply of pipes etc.	5.00%	
	H 2.3.2 On installation of equipment and laying of pipes, valves, inspection chambers, etc.	3.00%	
	H 2.3.3 On successful testing of equipment after installation	1.00%	
	H 2.3.4 After satisfactory commissioning	1.00%	
H 2.4	External Sewerage system connections complete as per the directions of EIC.		2.50%
	H 2.4.1 On supply of pipes etc.	1.10%	
	H 2.4.2 On laying of pipes including manholes, etc.	1.00%	

	H 2.4.3	On successful testing of the network	0.20%	
	H 2.4.4	After satisfactory commissioning	0.20%	
H 2.5	On completion of Distribution lines upto 100 mm dia complete as per the directions of EIC.			1.40%
H 2.6	On completion of Unfiltered water supply distribution lines upto 100mm dia complete as per the directions of EIC.			1.40%
H 2.7	Storm water drains complete as per the directions of EIC.			11.70%
	H 2.7.1	After providing bottom & side walls storm water drains complete	6.50%	
	H 2.7.2	Providing & placing covers including culverts wherever required.	3.50%	
	H 2.7.3	After successful testing	1.20%	
	H 2.7.4	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.	0.50%	
		Total		100.00%

Sub-head H 3: Payment percentage breakup for construction of Underground sump:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
H 3.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
	H 3.1.1 On approval of All Architectural Drawings by Engineer in Charge.	0.30%	
	H 3.1.2 On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	H 3.1.3 On approval of All MEP Drawings including Proof Checking by third party.	0.40%	
H 3.2	Completion of Excavation, bed concrete and bottom water proofing treatment		22.00%
	H 3.2.1 On completion of excavation work in all types of soils/rocks	7.00%	
	H 3.2.2 On completion of bed concrete as per the approved drawings by EIC	7.00%	
	H 3.2.3 On completion of bottom waterproofing treatment as per the approved methodology by EIC	8.00%	
H 3.3	Completion of bottom raft, walls, internal waterproofing, ceramic tile lining.		40.00%
	H 3.3.1 On completion of bottom raft work as per the approved drawing	10.00%	
	H 3.3.2 On completion of walls	10.00%	
	H 3.3.3 On completion of Internal waterproofing	10.00%	
	H 3.3.4 On completion of ceramic tiles etc.,	10.00%	
H 3.4	Completion of roof & external water proofing treatment.		20.00%
	H 3.4.1 On completion of roof concreting as per the approved drawings	10.00%	
	H 3.4.2 On completion of external waterproofing treatment as per the approved methodology by EIC.	10.00%	
H 3.5	Completion of external finishing works, plumbing and all other associated works complete		15.00%
	H 3.5.1 On completion of external finishing works as per the approved drawings	7.50%	
	H 3.5.2 On completion of plumbing and all other associated works complete.	7.50%	
H 3.6	Submission of completion certificate all statutory post-construction clearances and as-built drawing, handing over and successful closing of agreement.		2.00%
	Total		100.00%

Sub-head H 4: Payment percentage breakup for External Development like Levelling, Internal roads with WMM and Cement Concrete pavement with vacuum dewatered concrete, Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side, Children Play Area and Granite Benches:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
H 4.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
H 4.2	On completion of Levelling as per the directions of EIC.		5.50%
H 4.3	On completion of Cement Concrete pavement with vacuum dewatered concrete as per the directions of EIC.		47.00%
H 4.3.1	On completion of Preparation of sub grade and WMM	4.50%	
H 4.3.2	On completion of laying of base concrete and kerb	17.00%	
H 4.3.3	On completion of laying of Dewatered Vacuum Cement Concrete	20.00%	
H 4.3.4	On completion of providing & filling of grooves, Road marking, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in- charge.	5.50%	
H 4.4	On completion of Footpath with PCC base, 60mm thick paver blocks and kerb stone edging on one side as per the directions of EIC.		29.50%
H 4.4.1	On completion of Preparation of sub grade	4.00%	
H 4.4.2	On completion of laying of PCC Base	9.50%	
H 4.4.3	On completion of laying of 60mm thick paver block and kerb stone edging on one side	12.00%	
H 4.4.4	On completion of providing & filling of gaps, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in- charge.	4.00%	
E 4.5	Children Play Area and Granite Benches as per the directions of EIC.		17.00%
E 4.5.1	On completion of Sub base and PCC Flooring	3.50%	
E 4.5.2	On completion of 30mm thick EPDM Flooring as per the approved drawing and design	7.00%	
E 4.5.3	On completion of supply and installation of children playing equipment as per the approved design and drawing by EIC.	5.50%	
E 4.5.4	On completion of supply and installation of Granite Benches as per the approved drawing.	1.00%	
	Total		100.00%

Sub-head H 5: Payment percentage breakup for Modular Furniture Work:

(For intermittent payments, Pro-rata payment will be released based on physical progress)

SI. No.	Milestone	Breakup of % of Item Contract Value	% of Item Contract Value
H 5.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
H 5.2	Approval of Shop drawings by Engineer – in-charge		1.00%
H 5.3	SITC of Modular furniture like Kitchen Unit, TV Unit and Wardrobes.		96.00%
	H 5.3.1 On supply of total material required for installation of modular furniture work for all flats	60.00%	
	H 5.3.2 On completion of carcass and approved by EIC for shutters and other works	18.00%	
	H 5.3.3 On completion of fixing of all shutters and Hardware as required to make the structure complete.	18.00%	
H 5.4	On completion of filling of any gaps, alignments and Completion Certificate and acceptance by the Engineer-in- charge.		2.00%
	Total		100.00%

Sub-head H 6: Payment percentage breakup for Hardscaping, Landscaping and Horticulture works

(For intermittent payments, Pro-rata payment on achievement of physical work will be released)

Sl. No.	Milestone	Breakup of % of Item	% of Item Contract Value	Remarks
H 6.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%	
H 6.2	Landscaping, Hardscaping, and Horticulture Works in complete shape.		75.00%	
H 6.3	For 6 months Maintenance period after completion of building.		20.00%	
H 6.4	Completion Certificate and acceptance by the Engineer-in-charge.		4.00%	
	Total		100.00%	

Sl. No.	Description of Sub-Component of Work	Breakup of % of Item Contract Value	% of Item Contract Value
Sub-head H 7) Payment percentage breakup for Internal Electrical wiring and internal electrification installations, UPS System, Illuminated Signage's, street lighting, compound and Foot Path Lighting etc.			
H 7.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
H 7.2	Supply, Installation, Testing and Commissioning of LT Panels, SDB, Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB's etc.,		11.00%
	H 7.2.1	Supply of L T Panels, SDB	4.00%
	H 7.2.2	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains From Ground Floor to 6 th Floor	2.00%
	H 7.2.3	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 07 th Floor to Terrace	2.00%
	H 7.2.4	Installation of LT Panels, SDB	0.50%
	H 7.2.5	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground Floor to 6 th Floor	0.25%
	H 7.2.6	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 7 th Floor to Terrace	0.25%
	H 7.2.7	Testing and Commissioning of LT Panels, SDB	1.00%
	H 7.2.8	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from Ground to 6 th Floor	0.50%
	H 7.2.9	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 7 th Floor to Terrace	0.50%
H 7.3	Supply, Laying, end termination, Testing & commissioning of LT Cables		15.00%
	H 7.3.1	Supply of Suitable Size LT Cables	10.00%
	H 7.3.2	Laying & end termination of LT Cables	2.00%
	H 7.3.3	Testing & commissioning of LT Cables	3.00%
H 7.4	Supply, Installation, Testing and Commissioning of UPS System		0.50%
	H 7.4.1	Supply of UPS System	0.40%

	H 7.4.2	Installation, Testing and Commissioning of UPS System	0.10%	
H 7.5	Supply, installation, testing and commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting			15.00%
	H 7.5.1	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground floor to 6 th floor	5.00%	
	H 7.5.2	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th floor to Terrace	5.00%	
	H 7.5.3	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 6 th Floor	1.50%	
	H 7.5.4	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th Floor to Terrace	1.50%	
	H 7.5.5	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from Ground Floor to 6 th Floor	1.00%	
	H 7.5.6	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 7 th Floor to Terrace	1.00%	
H 7.6	Supply, installation, testing and commissioning of BLDC ceiling fans & BLDC Exhaust fans			5.00%
	H 7.6.1	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from Ground floor to 6 th floor	1.50%	
	H 7.6.2	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans from 7 th floor to 12 th floor	1.50%	
	H 7.6.3	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from Ground Floor to 6 th Floor	0.50%	
	H 7.6.4	Installation of BLDC Ceiling fan and BLDC Exhaust Fans from 6 th Floor to 12 th Floor	0.50%	
	H 7.6.5	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans	0.50%	
	H 7.6.6	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans	0.50%	
H 7.7	Supply and installation, Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators, USB Socket, TV Sockets and LAN Ports			20.00%

	H 7.7.1	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground floor to 6 th floor	6.50%	
	H 7.7.2	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 7 th floor to terrace	6.50%	
	H 7.7.3	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground Floor to 6 th Floor	2.50%	
	H 7.7.4	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 7 th to Terrace	2.50%	
	H 7.7.5	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from Ground floor to 6 th floor	1.00%	
	H 7.7.6	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports 7 th floor to terrace	1.00%	
H 7.8	Supply & Drawing Testing and Commissioning of Point Wiring			10.00%
	H 7.8.1	Supply & Drawing of Point Wiring from Ground Floor to 6 th Floor	3.50%	
	H 7.8.2	Supply & Drawing of Point Wiring from 7 th Floor to Terrace	3.50%	
	H 7.8.3	Testing and Commissioning of Point Wiring from Ground floor to 6 th floor	1.50%	
	H 7.8.4	Testing and Commissioning of Point Wiring from 7 th floor to terrace	1.50%	
H 7.9	Supply, Drawing, Testing and Commissioning of Power Distribution System			10.00%
	H 7.9.1	Supply & Drawing of Power Distribution System from Ground Floor to 6 th Floor	3.50%	
	H 7.9.2	Supply & Drawing of Power Distribution System from 7 th Floor to Terrace	3.50%	
	H 7.9.3	Testing and Commissioning of Power Distribution System from Ground floor to 6 th floor	1.50%	
	H 7.9.4	Testing and Commissioning of Power Distribution System from 7 th floor to terrace	1.50%	
H 7.10	Supply, Installation, Testing and Commissioning of Street Lights & Post Top Lights & Bollard Lights & Illuminated Signages			5.00%
	H 7.10.1	Supply of Street lights Post top Lights & Bollard lights, Illuminated Signages	3.00%	

	H 7.10.2	Installation of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
	H 7.10.3	Testing and commissioning of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
H 7.11	Supply, installation, testing and commissioning of Horizontal Type 25ltrs. Capacity Electric water heaters (Geysers)			2.00%
	H 7.11.1	Supply of Electric Geysers for Gnd. to 12 th floor	1.00%	
	H 7.11.2	Installation of Electric Geysers	0.50%	
	H 7.11.3	Testing & Commissioning of Electric Geysers	0.50%	
H 7.12	Supply, installation, testing and connecting the Lightning Protection system along with Earthing system.			2.50%
H 7.13	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system			1.50%
H 7.14	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)			1.50%
				100.00%

Sub-head H 8) Payment percentage breakup for External Service Connection MV Panels at Substation side and Earthing System:				
H 8.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.			1.00%
H 8.2	Supply of Installation, Testing and Commissioning of M V Panels at Substation			40.00%
	H 8.2.1	Supply, Augmentation & Installation of M V Panels at Substation	30.00%	
	H 8.2.2	Testing and Commissioning of M V Panels at Substation	10.00%	
H 8.3	Supply, Laying, end termination, Testing & Commissioning of LT Cables			55.00%
	H 8.3.1	Supply of Suitable Size LT Cables	35.00%	
	H 8.3.2	Laying and end termination of LT Cables	10.00%	
	H 8.3.3	Testing & Commissioning of LT Cables	10.00%	
H 8.4	Supply, installation, testing and connecting the Earthing system to the Electrical distribution system			2.00%
H 8.5	Commissioning and Handing over the As-Built Drawings (soft & Hard Copies)			2.00%
				100.00%

<u>Sub-head H 9) Payment percentage breakup for Supply, Installation, Testing & Commissioning of Lifts:</u>			
H 9.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
H 9.2	Supply, Installation, Testing & Commissioning of 20 Passenger Lift-1 & 20 Passenger lift -2Completion of Third Party Inspection		95.00%
	H 9.2.1	Supply and proper storage of 20 Passengers Lift-1, Spares, Control panel, etc. at Site	30.00%
	H 9.2.2	Supply and proper storage of 20 Passengers Lift-2, Spares, Control panel, etc. at Site	30.00%
	H 9.2.3	Installation 20 Passenger Lift -1	10.00%
	H 9.2.4	Testing & Commissioning of 20 Passenger Lift-1 & Completion of Third Party Inspection	8.00%
	H 9.2.5	Installation of 20 Passenger Lift-2	10.00%
	H 9.2.6	Testing & Commissioning of 20 Passenger Lift-2 & Completion of Third Party Inspection	7.00%
H 9.3	Handing over the 20 passenger Lift-1 in all respects along with As-Built Drawings (soft & Hard Copies)		2.00%
H 9.4	Handing over the 20 passenger Lift-2 in all respects along with As-Built Drawings (soft & Hard Copies)		2.00%
			100.00%

Sub-head H 10) Payment percentage breakup for Fire Fighting System, Automatic Fire Alarm System, Fire Extinguishers & water supply pump sets:			
II 10.1	Planning, Detailed Design, Engineering as per the NBC 2016 Code & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		1.00%
H 10.2	Supply, Installation, Testing and Commissioning of Fire Hydrant, Fire Fighting Pumps, Wet Riser and Sprinkler System.		65.00%
	H 10.2.1	Supply of Fire Fighting pumps, Wet Riser piping, Sprinklers and Yard Hydrant etc. as per the Approved Drawings/Take off Sheets	45.00%
	H 10.2.2	Installation Fire Fighting pumps, Wet Riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
	H 10.2.3	Testing & Commissioning complete Fire Fighting system including Fire Fighting Pumps, Wet riser System, Sprinklers and Yard Hydrant etc. as per the Approved Drawings	10.00%
H 10.3	Supply, Installation, Testing and Commissioning of Automatic Addressable Fire Alarm System		28.00%
	H 10.3.1	Supply of Automatic Fire Alarm Systems and cables as per the Approved Drawings	15.00%
	H 10.3.2	Laying of cables and Installation of Automatic Fire alarm system	8.00%
	H 10.3.3	Testing and Commissioning of Automatic Fire alarm System	5.00%
H 10.4	Supply and installation of Fire Extinguishers at designated locations as per the approved Drawing by Engineer-In-Charge		1.00%
H 10.5	Supply, Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building		3.00%
	H 10.5.1	Supply of Water supply pumps along with Starter and Automatic electrical control panel	2.00%
	H 10.5.2	Installation, Testing and Commissioning of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building	1.00%
H 10.6	Handing over the Fire Fighting System, Automatic Fire alarm System, Water pumping System along with NOC from the Local Authorities and As-Built Drawing (Soft & Hard Copy)		2.00%
			100.00%

<u>Sub-head H 11) Payment percentage breakup for LAN, Wi-Fi and Networking system, Telephone, Dish TV:</u>			
H 11.1	Planning, Detailed Design Engineering and approval of the same by the Engineer-In-Charge.	1.00%	
H 11.2	Supplying, Installation, Testing and Commissioning of LAN System comprising of core switches and L2 switches with 10G, 10 Giga SFP Modules, Wi-Fi access points, Wi-Fi controller, Network Management Software, Racks, CAT 6A Cable, patch panels, OFC etc.	97.00%	
	H 11.2.1	Supply of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	70.00%
	H 11.2.2	Installation of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	15.00%
	H 11.2.3	Supply & Laying of LAN Cables/Tele Phone Cables/ Fiber Optics Cables/ Dish TV Cables	7.00%
	H 11.2.4	Testing and Commissioning of LAN, Wi-Fi Network, Telephone and Dish TV Cabling	5.00%
H 11.3	Handing over the LAN, Wi-Fi, Networking System, Telephone and Dish TV Network along with As-Built Drawing (Soft & Hard Copy)	2.00%	
		100.00%	

<u>Sub-Head H 12) Payment percentage breakup for Stairways and Lift shaft Pressurization System</u>				
H 12.1	Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.			1.00%
H 12.2	Supply, Installation, Testing and Commissioning of Stairways and Lift shaft pressurization system as per NBC 2016, CPWD Specification and Telangana State Disaster Response and Fire Services department			95.00%
	H 12.2.1	Supplying of stairways and lift shaft pressurization System	70.00%	
	H 12.2.2	Installation of stairways and lift shaft pressurization System	15.00%	
	H 12.2.3	Testing and Commissioning of Stairways and lift shaft pressurization system	10.00%	
H 12.3	Handing over the Stairways and lift shaft pressurization system along with As-Built drawings (Soft & Hard Copy)			4.00%
				100.00%