



भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
Indian Institute of Technology Hyderabad

**Volume -2 (b)**

**PAYMENT SCHEDULE  
(Sub-head wise % Break-up/  
Annexure to Financial Bid)**

***Name of the work: Construction of Additional Building for Campus  
School (G+1) at IIT Hyderabad Campus, Kandi, Sangareddy.***

***Executive Engineer (Civil)  
IIT Hyderabad***

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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:-



## Annexure – 1

### Sub-Head – 1: Construction of Additional Building for Campus School (G+1) framed structure with finishing's

Sl. No.	Stage of activity		Breakup of % of Item Contract Value	% of Item Contract Value
1.1	<b>Planning, Detailed Design &amp; Approval from third party vetting and approval of the same by the Engineer-In-Charge.</b>			<b>1.00%</b>
	1.1.1	On approval of All Architectural Drawings by Engineer in Charge and filing application & facilitating for obtaining Building Occupancy Certificate (OC) and obtaining approval for fire NOC and any other, mandatory local body approvals as may be required.	0.30%	
	1.1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	1.1.3	On approval of All MEP Drawings (except shop drawings) by Engineer in Charge.	0.40%	
1.2	<b>Completion of Foundation &amp; plinth including grade beams &amp; slab.</b>		-	<b>20.00%</b>
	1.2.1	Excavation in all types of Soil/rocks.	2.00%	
	1.2.2	On completion of PCC with Anti-termite Treatment	1.00%	
	1.2.3	On completion of Footing/rafts etc.	10.00%	
	1.2.4	On completion of back filling, plinth filling, columns up to plinth beam bottom, plinth beams etc.	3.00%	
	1.2.5	Completion of grade slab.	4.00%	
1.3	<b>Completion of basic structure including Block work.</b>		-	<b>41.50%</b>
	1.3.1	On Completion of ground floor columns and ground floor roof slab	11.00%	
	1.3.2	On Completion of first floor columns and first floor roof slab (Terrace Level)	11.00%	
	1.3.3	On Completion of block work in ground floor	5.00%	

	1.3.4	On Completion of block work in first floor	5.00%	
	1.3.5	On completion of overhead water Tank, Mumty, parapet, Lift Machine Room (LMR) and other all miscellaneous works as per the approved drawings	5.50%	
	1.3.6	On completion of water proofing of terrace, lift pits, Waterproofing in balconies & corridors, of the building and pond testing for water tightness etc.	4.00%	
<b>1.4</b>	<b>Completion of finishing works i.e., Toilet waterproofing, flooring, fixing of doors &amp; windows, interior &amp; exterior painting etc.</b>			<b>35.50%</b>
	<b>All type of Flooring, skirting, dado in all floors etc.</b>			
	1.4.1	On completion of waterproofing, flooring and dadoing in toilets.	3.00%	
	1.4.2	On completion of flooring in all rooms of the building and dadoing in wet areas as per the approved drawing.	3.00%	
	1.4.3	On completion of flooring in all corridors and common areas with skirting.	1.50%	
	1.4.4	On completion of staircase mid-ladings, riser and treads including dadoing.	3.00%	
	<b>Fixing of all types doors, windows and MS Grills as per the approved drawing</b>			
	1.4.5	On completion of procurement of material		
	1.4.5.1	On completion of procurement of Door material	1.00%	
	1.4.5.2	On completion of procurement of Window & Ventilators material	1.00%	
	1.4.5.3	On completion of procurement of grills	0.75%	
	1.4.5.4	On completion of procurement of FRP Grating and Aluminium louvers & System	0.75%	
	1.4.6	On completion of Installation including Granite sills as per approved drawing.		
	1.4.6.1	On completion of Installation of Doors	0.50%	

	1.4.6.2	On completion of Installation of Windows & Ventilators	0.50%	
	1.4.6.3	On completion of Installation of grills	0.25%	
	1.4.6.4	On completion of Installation of FRP Grating and Aluminium louvers & System	0.25%	
	1.4.7	On completion of hardware and fixtures	1.50%	
	Internal and External Plastering & Painting			
	1.4.8	On completion of Internal plastering	2.50%	
	1.4.9	On completion of External plastering	2.50%	
	1.4.10	On completion of Internal putty	1.00%	
	1.4.11	On completion of External putty	1.00%	
	1.4.12	On completion of Internal painting	3.00%	
	1.4.13	On completion of External painting	3.00%	
	Other work:			
	1.4.14	On completion of Roller blinds	1.50%	
	1.4.15	On completion of Plinth Protection	1.00%	
	1.4.16	SS railings in all staircase area, corridors & entrance ramp etc. as per the approved drawings.	3.00%	
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%

## Annexure – 2

**Internal water supply and sanitary installation, Civil External Service Connections, External Sewerage, Distribution lines up to 100 mm dia, Unfiltered water supply distribution lines up to 100mm dia, Storm water drains**

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

	2.4.2	On laying of pipes including manholes, etc.	2.50%	
	2.4.3	On successful testing of the network	1.00%	
	2.4.4	After satisfactory commissioning	1.00%	
2.5		On completion of Distribution lines up to 100 mm dia complete as per the directions of EIC.		<b>1.25%</b>
2.6		On completion of Unfiltered water supply distribution lines up to 100mm dia complete as per the directions of EIC.		<b>1.25%</b>
2.7	<b>Storm water drains complete as per the directions of EIC.</b>			<b>15.50%</b>
	2.7.1	After providing bottom & side walls storm water drains complete	9.00%	
	2.7.2	Providing & placing covers including culverts wherever required.	3.50%	
	2.7.3	After successful testing	2.00%	
	2.7.4	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.	1.00%	
		<b>Total</b>		<b>100.00%</b>



## Annexure – 3

### Construction of Underground sump

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

	3.5.1	On completion of external finishing works as per the approved drawings	7.50%	
	3.5.2	On completion of plumbing and all other associated works complete.	7.50%	
3.6	Submission of completion certificate all statutory post-construction clearances and as-built drawing, handing over and successful closing of agreement.			<b>2.00%</b>
		<b>Total</b>		<b>100.00%</b>

**Annexure – 4****External Development like Levelling, 80mm thick paver blocks and kerb stone edging on one side**

<b>Sl. No.</b>	<b>Milestone</b>	<b>Breakup of % of Item Contract Value</b>	<b>% of Item Contract Value</b>
4.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		<b>1.00%</b>
4.2	On completion of Levelling as per approved drawing and as per the directions of EIC.		<b>6.00%</b>
4.3	On completion of Fire Tender Path with PCC and Plazas & other locations with GSB base, laying of paver blocks and kerb stone edging as per the directions of EIC.		<b>93.00%</b>
	4.3.1 On completion of Preparation of sub grade	15.00%	
	4.3.2 On completion of laying of PCC Base for fire tender path and GSB base for Plaza and other areas.	32.00%	
	4.3.3 On completion of laying of paver block and kerb stone edging as per the drawings.	40.00%	
	4.3.4 On completion of providing & filling of gaps, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in- charge.	6.00%	
	<b>Total</b>		<b>100.00%</b>



**Annexure - 5****Hardscaping, Landscaping and-Horticulture works**

<b>SI. No.</b>	<b>Milestone</b>	<b>Breakup of % of Item</b>	<b>% of Item Contract Value</b>
5.1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
5.2	Landscaping & Horticulture Works by planting the flower & plant shrubs, edge plantation, carpet grass etc. complete as per the specifications and approved drawing & as per directions of Engineer In-charge.		75.00%
5.3	For 3 months Maintenance period after completion of building.		20.00%
5.4	Completion Certificate and acceptance by the Engineer-in-charge.		4.00%
	Total		<b>100.00%</b>

## Annexure – 6

Sl.No.	Description of Sub-Component of Work .		Breakup of % of Item Contract Value	% of Item Contract Value
Sub-head - 6) Payment percentage breakup for Internal Electrical wiring and internal electrification installations, UPS System, Illuminated Signage's, street lighting, compound and Foot Path Lighting, Lightning Protection System, etc.				
6.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.			2.00%
6.2	Supply, Laying, end termination, Testing & commissioning of LT Cables:			15.00%
	6.2.1	Supply of Suitable Size LT Cables	10.00%	
	6.2.2	Laying & end termination of LT Cables	3.00%	
	6.2.3	Testing & commissioning of LT Cables	2.00%	
6.3	Supply, Drawing, Testing and Commissioning of Power Distribution System			11.00%
	6.3.1	Supply & Drawing of Power Distribution System in Ground Floor	3.50%	
	6.3.2	Supply & Drawing of Power Distribution System from 1st Floor to Terrace	3.50%	
	6.3.3	Testing and Commissioning of Power Distribution System in Ground floor	2.00%	
	6.3.4	Testing and Commissioning of Power Distribution System from 1st Floor to terrace	2.00%	
6.4	Supply, Installation, Testing and Commissioning of LT Panels, SDBs, Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB's etc..			11.00%
	6.4.1	Supply of LT Panels, SDBs	4.00%	
	6.4.2	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains in Ground Floor	2.00%	
	6.4.3	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 1st Floor to terrace	2.00%	
	6.4.4	Installation of LT Panels, SDB	1.00%	
	6.4.5	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains in Ground Floor	0.50%	
	6.4.6	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 1st Floor to terrace	0.50%	

	6.4.7	Testing and Commissioning of LT Panels, SDB	0.50%	
	6.4.8	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains in Ground Floor	0.25%	
	6.4.9	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains from 1st Floor to terrace	0.25%	
6.5	<b>Supply &amp; Drawing Testing and Commissioning of Point Wiring</b>			<b>9.00%</b>
	6.5.1	Supply & Drawing of Point Wiring from in Ground Floor	3.00%	
	6.5.2	Supply & Drawing of Point Wiring from 1st Floor to Terrace	3.00%	
	6.5.3	Testing and Commissioning of Point Wiring in Ground floor	1.50%	
	6.5.4	Testing and Commissioning of Point Wiring from 1st floor to Terrace	1.50%	
6.6	<b>Supply, installation, testing and commissioning of BLDC ceiling fans &amp; BLDC Exhaust fans:</b>			<b>4.00%</b>
	6.6.1	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans in Ground floor	1.00%	
	6.6.2	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans in 1st Floor	1.00%	
	6.6.3	Installation of BLDC Ceiling fan and BLDC Exhaust Fans in Ground Floor	0.50%	
	6.6.4	Installation of BLDC Ceiling fan and BLDC Exhaust Fans in 1st Floor	0.50%	
	6.6.5	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans in Ground Floor	0.50%	
	6.6.6	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans in 1st Floor	0.50%	
6.7	<b>Supply, Installation, Testing &amp; Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators, USB Socket, TV Sockets and LAN Ports</b>			<b>19.00%</b>
	6.7.1	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports in Ground Floor	6.00%	
	6.7.2	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 1st floor to Terrace	6.00%	
	6.7.3	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports in Ground Floor	2.00%	

	6.7.4	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 1st Floor to Terrace.	2.00%	
	6.7.5	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports in Ground floor	1.50%	
	6.7.6	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports from 1st floor to Terrace.	1.50%	
6.8	<b>Supply, installation, testing and commissioning of Indoor LED Light Fixtures of various rating &amp; types including staircase and common area lighting:</b>			<b>13.00%</b>
	6.8.1	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting in Ground Floor	4.00%	
	6.8.2	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 1st Floor to Terrace	4.00%	
	6.8.3	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting in Ground Floor	1.50%	
	6.8.4	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 1st Floor to Terrace	1.50%	
	6.8.5	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting in Ground floor	1.00%	
	6.8.6	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting from 1st Floor to Terrace	1.00%	
6.9	<b>Supply, Installation, Testing and Commissioning of Street Lights &amp; Post Top Lights &amp; Bollard Lights &amp; Illuminated Signages</b>			<b>4.50%</b>
	6.9.1	Supply of Street lights Post top Lights & Bollard lights, Illuminated Signages	2.50%	
	6.9.2	Installation of Post top Lights & Bollard lights, Street Lights, Illuminated Signages	1.00%	
	6.9.3	Testing and commissioning of Post Top Lights & Bollard lights, Street Lights, Illuminated Signages	0.50%	
	6.9.4	Removal of the existing street lights/Plaza light fixtures/ Poles from the IITH existing school building premises as required.	0.50%	
6.10	<b>Supply, Installation, Testing and Commissioning of 15KVA &amp; 5KVA UPS System with 30 min backup</b>			<b>4.50%</b>



	6.10.1	Supply of 15KVA UPS System with 30 min backup	2.00%	
	6.10.2	Supply of 5KVA UPS System with 30 min backup	1.00%	
	6.10.3	Installation, Testing and Commissioning of 15KVA UPS System with 30 min backup	1.00%	
	6.10.4	Installation, Testing and Commissioning of 5KVA UPS System with 30 min backup	0.50%	
6.11	<b>Supply, Installation, Testing and connecting the Lightning Protection system along with Earthing system.</b>			<b>2.00%</b>
	6.11.1	Supply of the Lightning Protection system along with Earthing system.	1.00%	
	6.11.2	Installation of the Lightning Protection system along with Earthing system.	0.50%	
	6.11.3	Testing and connecting the Lightning Protection system along with Earthing system.	0.50%	
6.12	<b>Supply, Installation, Testing and connecting the Earthing system to the Electrical distribution system at Building level.</b>			<b>2.00%</b>
	6.12.1	Supply of the Earthing system to the Electrical distribution system at Building level.	1.00%	
	6.12.2	Installation, testing and connecting the Earthing system to the Electrical distribution system at Building level.	1.00%	
6.13	Commissioning and Handing over of the above works in totality and full completion as per Contract terms & Conditions			<b>2.00%</b>
6.14	As-Built Drawings (soft & Hard Copies)			<b>1.00%</b>
				<b>100.00%</b>

## Annexure - 7

### Sub-head - 7) Payment percentage breakup for Supply, Installation, Testing and Commissioning of Split ACs:

7.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.			2.00%
7.2	Supply, installation, testing and commissioning of Split ACs not less than 1.5 TR Inverter Model, 230V, 50 Hz, Copper condenser suitable to operate at ambient temperature 52°C including drain piping with CPVC pipe and insulation for drain pipe, Inverter model, 5 star, R-32 Refrigerant, BLDC rotary compressor unit and Outdoor unit along with all necessary accessories, etc., as required.			95.00%
	7.2.1	Supply of Split AC's	70.00%	
	7.2.2	Installation of Split AC's	15.00%	
	7.2.3	Testing and Commissioning Split AC's	10.00%	
7.3	Commissioning and Handing over of the above works in totality and full completion as per Contract terms & Conditions			2.00%
7.4	As-Built Drawings (soft & Hard Copies)			1.00%
				100.00%

## Annexure - 8

Sub-head - 8) Payment percentage breakup for External Service Connection from nearby Precast staff Housing and Earthing System				
8.1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.			2.00%
8.2	Supply, Installation, Testing and Commissioning of M V Panels at New School building			20.00%
	8.2.1	Supply of M V Panels at New School building	10.00%	
	8.2.2	Installation of M V Panels at New School building	5.00%	
	8.2.3	Testing and Commissioning of M V Panels at New School building	5.00%	
8.3	Supply, Laying, end termination, Testing & Commissioning of LT Cables			70.00%
	8.3.1	Supply of Suitable Size LT Cables	50.00%	
	8.3.2	Laying of LT Cables	15.00%	
	8.3.3	End termination, Testing & Commissioning of LT Cables	5.00%	
8.4	Supply, Installation, Testing and connecting the Earthing system to the Electrical distribution system at Building level.			5.00%
	8.4.1	Supply of the Earthing system to the Electrical distribution system at Building level.	3.00%	
	8.4.2	Installation, testing and connecting the Earthing system to the Electrical distribution system at Building level.	2.00%	
8.5	Commissioning and Handing over of the above works in totality and full completion as per Contract terms & Conditions			2.00%
8.6	As-Built Drawings (Soft & Hard Copies)			1.00%
				100.00%

**Annexure - 9****Sub-head -9) Payment percentage breakup for Supply, Installation, Testing & Commissioning of Lifts:**

9.1	<b>Planning, Detailed Design, Engineering &amp; Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.</b>			<b>2.00%</b>
9.2	<b>Supply, Installation, Testing &amp; Commissioning of 8 Passenger Lift -1 with Completion of Third-Party Inspection</b>			<b>95.00%</b>
	9.2.1	Supply and proper storage of 8 Passengers Lift with spares, Control panel, etc. at Site	70.00%	
	9.2.2	Installation 8 Passenger Lift	15.00%	
	9.2.3	Testing & Commissioning of 8 Passenger Lift & Completion of Third-Party Inspection	10.00%	
9.3	<b>Commissioning and Handing over of the above works in totality and full completion as per Contract terms &amp; Conditions</b>			<b>2.00%</b>
9.4	<b>As-Built Drawings (Soft &amp; Hard Copies)</b>			<b>1.00%</b>
				<b>100.00%</b>



## Annexure - 10

Sub-head - 10) Payment percentage breakup for Fire Fighting System, Automatic Fire Alarm System, Fire Extinguishers, Public Address System; Stairways and Lift shaft Pressurization System:				
10.1	<b>Planning, Detailed Design, Engineering as per the NBC 2016 Code &amp; Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.</b>			<b>2.00%</b>
10.2	<b>Supply, Installation, Testing and Commissioning of Fire Hydrant, Fire Fighting Pumps.</b>			<b>25.00%</b>
	10.2.1	Supply of Fire Fighting pumps, Down comer, etc. as per the Approved Drawings/Take off Sheets	20.00%	
	10.2.2	Installation of Fire Fighting pumps, Down comer, etc. as per the Approved Drawings	3.00%	
	10.2.3	Testing & Commissioning of complete Fire Fighting pumps, Down comer, etc. as per the Approved Drawings	2.00%	
10.3	<b>Supply, Installation, Testing and Commissioning of Automatic Addressable Fire Alarm System</b>			<b>30.00%</b>
	10.3.1	Supply of Automatic Fire Alarm Systems and cables as per the Approved Drawings	20.00%	
	10.3.2	Laying of cables and Installation of Automatic Fire alarm system	5.00%	
	10.3.3	Testing and Commissioning of Automatic Fire alarm System	5.00%	
10.4	<b>Supply and installation of Fire Extinguishers at designated locations as per the approved Drawing by Engineer-In-Charge</b>			<b>2.00%</b>
10.5	<b>Supplying, Installation, Testing and Commissioning of Public Address (PA) System comprising of Core System Modules, Racks and Call Stations, Media Players &amp; Tuners, Volume Controllers, Audio System Controllers, Speakers, Cables &amp; Accessories, Communication Modules, Microphones, Software etc.</b>			<b>20.00%</b>
	10.5.1	Supply of All Public Address (PA) System comprising of Core System Modules, Racks and Call Stations, Media Players & Tuners, Volume Controllers, Audio System Controllers, Speakers, Cables & Accessories, Communication Modules, Microphones, Software etc.,	10.00%	

	10.5.2	Installation of Public Address (PA) System comprising of Core System Modules, Racks and Call Stations, Media Players & Tuners, Volume Controllers, Audio System Controllers, Speakers, Communication Modules, Microphones, Software etc.,	5.00%	
	10.5.3	Supply & Laying of Audio and control Cables	3.00%	
	10.5.4	Testing and Commissioning of PA System	2.00%	
10.6	<b>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</b>			<b>18.00%</b>
	10.6.1	Supplying of stairways and lift shaft pressurization System	10.00%	
	10.6.2	Installation of stairways and lift shaft pressurization System	5.00%	
	10.6.3	Testing and Commissioning of Stairways and lift shaft pressurization system	3.00%	
10.7	<b>Commissioning and Handing over of the above works in totality and full completion as per Contract terms &amp; Conditions</b>			<b>2.00%</b>
10.8	<b>As-Built Drawings (Soft &amp; Hard Copies)</b>			<b>1.00%</b>
				<b>100.00%</b>

## Annexure - 11

Sub-head -11) Payment percentage breakup for LAN, Networking system, Telephone:				
11.1	<b>Planning, Detailed Design Engineering and approval of the same by the Engineer-In-Charge.</b>			<b>2.00%</b>
11.2	<b>Supplying, Installation, Testing and Commissioning of LAN System comprising of core switches and L2 switches with 10G, 10 Giga SFP Modules, Network Management Software, Racks, CAT 6A Cable, patch panels, OFC etc.</b>			<b>95.00%</b>
	11.2.1	Supply of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	70.00%	
	11.2.2	Installation of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	15.00%	
	11.2.3	Supply & Laying of LAN Cables/Tele Phone Cables/ Fiber Optics Cables/ Dish TV Cables	5.00%	
	11.2.4	Testing and Commissioning of LAN, Network, Telephone	5.00%	
11.3	<b>Commissioning and Handing over of the above works in totality and full completion as per Contract terms &amp; Conditions</b>			<b>2.00%</b>
11.4	<b>As-Built Drawings (Soft &amp; Hard Copies)</b>			<b>1.00%</b>
				<b>100.00%</b>

**Annexure - 12****Sub-head - 12) Payment percentage breakup for Water supply pump sets:**

12.1	<b>Planning, Detailed Design, Engineering and approval of the same by the Engineer-In-Charge.</b>			<b>2.00%</b>
12.2	<b>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</b>			<b>95.00%</b>
	12.2.1	Supply of Water supply pumps along with Starter and Automatic electrical control panel	70.00%	
	12.2.2	Installation of the Water supply pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building	15.00%	
	12.2.3	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	10.00%	
12.3	<b>Commissioning and Handing over of the above works in totality and full completion as per Contract terms &amp; Conditions</b>			<b>2.00%</b>
12.4	<b>As-Built Drawings (Soft &amp; Hard Copies)</b>			<b>1.00%</b>
				<b>100.00%</b>