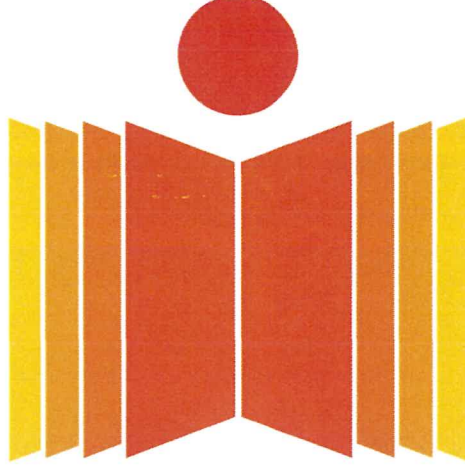


NIT No. IITH/CMD/CIV/NIT/2026-27/14



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 Director's Residence cum Integrated Office Ancillary Buildings including Boundary wall at IIT Hyderabad, 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 mumty 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 A

A - Construction of Director's Residence cum Integrated Office including servant quarter framed structure with finishing's

Sl. No.	Stage of activity	Breakup of % of Item Contract Value	
<u>A 1.1</u>	<u>Completion of Foundation & plinth including grade beams & grade slab.</u>	-	-
-	A 1.1.1 <u>Excavation in all types of Soil/rocks.</u>	-	<u>1.60%</u>
	A 1.1.1.1 Main Building	1.50%	
	A 1.1.1.2 Servant Quarter	0.10%	
-	A 1.1.2 <u>On completion of PCC with Anti-termite Treatment</u>	-	<u>0.500%</u>
	A 1.1.2.1 Main Building	0.400%	
	A 1.1.2.2 Servant Quarter	0.100%	
-	A 1.1.3 <u>On completion of Footing/rafts etc.</u>	-	<u>5.40%</u>
	A 1.1.3.1 Main Building	5.10%	
	A 1.1.3.2 Servant Quarter	0.30%	
-	A 1.1.4 <u>On completion of back filling, plinth filling, columns up to plinth beam bottom, plinth beams etc.</u>	-	<u>2.90%</u>
	A 1.1.4.1 Main Building	2.80%	
	A 1.1.4.2 Servant Quarter	0.10%	
-	A 1.1.5 <u>Completion of grade slab.</u>	-	<u>1.10%</u>
	A 1.1.5.1 Main Building	1.00%	
	A 1.1.5.2 Servant Quarter	0.10%	
	A 1.1.6 Completion of water bodies area and court yard area concrete works	1.00%	1.00%

<u>A 1.2</u>	<u>Completion of basic structure, Block work, including water proofing and infra works</u>		-	-
-	A 1.2.1	<u>On Completion of ground floor columns and ground floor roof slab</u>	-	<u>11.40%</u>
	A 1.2.1.1	Main Building (Including Arches, domes, vaults)	10.50%	
	A 1.2.1.2	Servant Quarter	0.90%	
-	A 1.2.2	<u>On Completion of first floor columns and first floor roof slab (Terrace Level)</u>	-	<u>5.20%</u>
	A 1.2.2.1	Main Building	5.20%	
-	A 1.2.3	<u>On Completion of block work in ground floor</u>	-	<u>4.80%</u>
	A 1.2.3.1	Main Building	4.30%	
	A 1.2.3.2	Servant Quarter	0.50%	
-	A 1.2.4	<u>On Completion of block work in first floor</u>	-	<u>1.80%</u>
	A 1.2.4.1	Main Building	1.80%	
	A 1.2.5	On completion of overhead water Tank, Mumty, parapet, Lift Machine Room (LMR) and other all miscellaneous works as per the approved drawings		<u>6.20%</u>
	A 1.2.5.1	Main Building	6.20%	
	A 1.2.6	On completion of water proofing of Toilet, Balcony, Terrace, water bodies, Water Tank including tiling works and Lift Pits of the building and pond testing for water tightness etc.		<u>8.40%</u>
	A 1.2.6.1	Main Building	7.70%	
	A 1.2.6.2	Servant Quarter	0.70%	
<u>A 1.3</u>	<u>Completion of Flooring, Skirting ad dado work</u>		-	-
		All type of Flooring, skirting, dado in all floors etc.		
	A 1.3.1	On completion of flooring in all rooms of the building and dadoing in wet areas as per the approved drawing in Ground Floor		<u>4.30%</u>
	A 1.3.1.1	Main Building	3.20%	

	A 1.3.1.2	Servant Quarter	1.10%	
	A 1.3.2	On completion of flooring in all rooms of the building and dadoing in wet areas as per the approved drawing in First Floor		<u>2.50%</u>
	A 1.3.2.1	Main Building	2.50%	
	A 1.3.3	On completion of flooring and dadoing in toilets.		<u>2.20%</u>
	A 1.3.3.1	Main Building (Ground and First Floor)	1.70%	
	A 1.3.3.2	Servant Quarter	0.50%	
	A 1.3.3	On completion of flooring in court yards & water bodies .	1.60%	<u>1.60%</u>
	A 1.3.4	On completion of wooden flooring at staircase	1.00%	<u>1.00%</u>
<u>A 1.4</u>	Fixing of all types doors, windows and Ventilators as per the approved drawing			
	A 1.4.1	<u>On completion of procurement of material</u>		
	A 1.4.1.1	On completion of procurement of Door material and hardware and fixtures		<u>5.50%</u>
	A 1.4.1.1.1	Main Building	4.60%	
	A 1.4.1.1.2	Servant Quarter	0.90%	
	A 1.4.1.2	On completion of procurement of Window & Ventilators material		<u>2.90%</u>
	A 1.4.1.2.1	Main Building	2.30%	
	A 1.4.1.2.2	Servant Quarter	0.60%	
	A 1.4.2	On completion of Installation Doors, Windows & Ventilators as per approved drawing.		
	A 1.4.2.1	On completion of Installation of Doors		<u>1.50%</u>
	A 1.4.2.1.1	Main Building	1.30%	
	A 1.4.2.1.2	Servant Quarter	0.20%	
	A 1.4.2.2	On completion of Installation of Windows & Ventilators		<u>0.20%</u>
	A 1.4.2.2.1	Main Building and Servant Quarter	0.20%	
	A 1.4.3	On completion of hardware and fixtures		<u>0.15%</u>
	A 1.4.3.1	Main Building and Servant Quarter	0.15%	

<u>A 1.5</u>	<u>Completion of Steel works like SS Railing,</u>			<u>3.40%</u>
	A1.5.1	On Completion M.S Gill Gate, gratings, frames, guard bar, ladder, railings, brackets, gates	0.60%	
	A1.5.2	On Completion S.S Railing for staircase and ramps etc..	2.80%	
<u>A 1.6</u>	<u>Completion of Roofing and ceiling works</u>			<u>2.70%</u>
	A.1.6.1	On Completion False ceiling works	1.00%	
	A.1.6.2	On Completion Roof pressed clay tile (Mangalore tile)	1.70%	
<u>A 1.7</u>	<u>Completion of Finshing works</u>			<u>10.70%</u>
	A 1.7.1	On completion of Internal plastering		-
	A.1.7.1.1	Main Building	1.70%	
	A.1.7.1.2	Servant Quarter	0.10%	
	A 1.7.2	On completion of External plastering		-
	A 1.7.2.1	Main Building	1.90%	
	A 1.7.2.2	Servant Quarter	0.20%	
	A 1.7.3	On completion of POP Punning/premixed formulated one coat gypsum lightweight plaster		-
	A 1.7.3.1	Main Building	1.60%	
	A 1.7.3.2	Servant Quarter	0.10%	
	A 1.7.4	On completion of Internal painting		-
	A 1.7.4.1	Main Building	1.30%	
	A 1.7.4.2	Servant Quarter	0.10%	
	A 1.7.5	On completion of External painting		-
	A 1.7.5.1	Main Building	3.50%	
	A 1.7.5.2	Servant Quarter	0.20%	
<u>A 1.8</u>	<u>Completion of Modular Kitchen</u>			<u>1.30%</u>
	A.1.8.1	On supply of total material required for installation of modular kitchen	0.90%	
	A 1.8.2	On completion of installation of modular kitchen	0.30%	
	A 1.8.3	On completion of filling of any gaps, alignments and Completion Certificate and acceptance by the Engineer-in- charge	0.10%	
<u>A 1.9</u>	<u>Fabricating, Supplying, Fixing & Placing in position Wardrobe as per drawing.</u>			<u>4%</u>
	A.1.9.1	On Fabricating, Supplying of wardrobe	2.50%	

	A.1.9.2	on completion Fixing & Placing in position of wardrobe	0.30%	
	A.1.9.3	Supplying of Counter Wash Basin	1.00%	
	A.1.9.4	on completion Fixing & Placing in position of Counter Wash Basin	0.20%	
A 1.10	<u>Architectural elements and terracota tiles fixing etc.</u>			3.75%
	A 1.10.1	On completion of glass block with readymade glass block mortar.	0.80%	
	A 1.10.2	On completion of Jaali Screen using 2-Hole Round terracotta Bricks as per the directions of EIC.		
	A 1.10.2.1	On Supply of Jaali screen	2.00%	
	A 1.10.2.2	On completion of fixing of Jaali screen	0.15%	
	A.1.10.3	On Completion of anodised Aluminium skirting	0.30%	
	A 1.10.4	Completion Certificate and acceptance by the Engineer-in-charge.	0.50%	
A 1.11		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%	<u>2.00%</u>
		Total	100.00%	100.00%

A2- Construction of Underground sump					
A.2.1	Completion of Excavation, bed concrete and bottom water proofing treatment			14.00%	
	A.2.1.1	On completion of excavation work in all types of soils/rocks	7.00%		
	A.2.1.2	On completion of bed concrete as per the approved drawings by EIC	7.00%		
A.2.2	Completion of bottom raft, walls, internal waterproofing, ceramic tile lining.			53.00%	
	A.2.2.1	On completion of bottom raft work as per the approved drawing	10.00%		
	A.2.2.2	On completion of walls and slab	15.00%		
	A.2.2.3	On completion of Internal waterproofing	16.00%		
	A.2.2.4	On completion of Matt Vitrified tile etc.,	12.00%		
A.2.3	Completion of external water proofing treatment.				
	A.2.3.2	On completion of external waterproofing treatment as per the approved methodology by EIC	15.00%	15.00%	
A.2.4	Completion of external finishing works, plumbing and all other associated works complete			16.00%	
	A.2.4.1	On completion of external finishing works as per the approved drawings	8.00%		
	A.2.4.2	On completion of plumbing and all other associated works complete.	8.00%		
A.2.5	Submission of completion certificate all statutory post-construction clearances and as-built drawing, handing over and successful closing of agreement.		2.00%	2.00%	
			Total	100.00%	100.00%

A3 -Boundary wall including M.S. Gate				100.00%
	A.3.1	On completion of Excavation in all types of Soil/rocks.	5.00%	
	A.3.2	On Completion of Footing and Columns up to plinth beams Level	18.00%	
	A.3.3	On completion of back filling and plinth beam	8.00%	
	A.3.4	On completion of columns above plinth beam and superstructure	11.00%	
	A.3.5	On completion of Coping	8.00%	
	A.3.6	On completion of M.S grill including painting	37.00%	
	A.3.7	Supply and fixing of MS Gate	8.00%	
	A.3.8	Completion Certificate and acceptance by the Engineer-in-charge.	5.00%	

Annexure B

B	All internal water supply, sanitary & rain water pipe lines and sanitary fixtures and fittings, etc. complete as per the directions of EIC.		
SI. No.	Milestone	Breakup of % of Item Contract Value	
	Water supply system		21.50%
B.1.1	Procurement of all category of pipes, fixtures and fittings		
B.1.1.1	Main House	12.00%	
B.1.1.2	Servant Quarter	2.00%	
B.1.2	Laying of pipe lines in desired locations as per the approved drawings by EIC.		
B.1.2.1	Main House	5.00%	
B.1.2.2	Servant Quarter	0.50%	
B.1.3	Testing & Commissioning of Water supply lines	2.00%	
	Sanitary Pipe line and rain water pipe line		5.40%
B.1.4	Procurement of all category of pipes, fixtures and fittings		
B.1.4.1	Main House	3.00%	
B.1.4.2	Servant Quarter	0.10%	
B.1.5	Laying of pipe lines in desired locations as per the approved drawings by EIC.		
B.1.5.1	Main House	1.00%	
B.1.5.2	Servant Quarter	0.30%	
B.1.6	Testing & Commissioning of drainage System	1.00%	
	sanitary fixtures and fittings		14.10%
B.1.7	Procurement of sanitary installations for complete building as per the approved make and as approved by EIC		
B.1.7.1	Main House	8.85%	
B.1.7.2	Servant Quarter	1.00%	
B.1.8	Fixing of sanitary installations in desired locations as per the approved drawings by EIC.		
B.1.8.1	Main House	1.50%	

	B.1.8.2	Servant Quarter	0.75%	
	B.1.9	Testing & Commissioning of sanitary installations complete as per the directions of EIC.	2.00%	
B.2	All External water supply, Sewerage/Drainage system, Storm water drains and making connections complete as per the directions of EIC.			
	All External water supply and making connections complete as per the directions of EIC.			12.50%
	B.2.1	On supply of pipes etc.	8.00%	
	B.2.2	On installation of equipment and laying of pipes, valves, inspection chambers, etc.	2.50%	
	B.2.3	On successful testing of equipment after installation	1.00%	
	B.2.4	After satisfactory commissioning	1.00%	
	External Sewerage system connections complete as per the directions of EIC.			12.50%
	B.2.5	On supply of pipes etc.	8.00%	
	B.2.6	On laying of pipes including manholes, etc.	2.50%	
	B.2.7	On successful testing of the network	1.00%	
	B.2.8	After satisfactory commissioning	1.00%	
	Storm water drains complete as per the directions of EIC.			34.00%
	B.2.9	On supply of pipes etc.	24.00%	
	B.2.10	On laying of pipes including manholes, etc.	8.00%	
	B.2.11	On successful testing of the network	1.00%	
	B.2.12	After satisfactory commissioning	1.00%	
		Total	100.00%	100.00%

Annexure C

EXTERNAL DEVELOPMENT WORK				
SI. No.	Milestone		Breakup of % of Item Contract Value	
				100.00%
	C.1	Excavation in all types of Soil/rocks.	25.00%	
	C.2	On completion of Preparation of sub grade and WMM	5.00%	
	C.3	On completion of Granite Cobble stone	18.00%	
	C.4	On completion of Turf paver (Turf pave XD	6.00%	
	C.5	Granite stone flooring Works	41.00%	
	C.6	Completion Certificate and acceptance by the Engineer-in-charge.	5.00%	
		Total	100.00%	100.00%

Annexure D

Landscaping & Horticulture Works			
Sl. No.	Milestone	Breakup of % of Item Contract Value	
D.1	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%
D.1.1	Tree	18%	
D.1.2	Shrubs and ground cover	38%	
D.1.3	Softscape works	20%	
D.2	For 3 months Maintenance period after completion of building.	20.00%	20.00%
D.3	Completion Certificate and acceptance by the Engineer-in-charge.	5.00%	5.00%
	Total	100%	100%

Annexure: E				
SL No.	Description of Sub-Component of Work		Breakup of % of Item Contract Value	% of Item Contract Value
Sub-head E) Payment percentage breakup for Internal Electrical wiring and internal electrification installations, UPS System, Illuminated Signage's, street lighting, compound and Foot Path Lighting, etc.				
E 1	Preparation and submission of shop drawings, including revisions & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.			2.00%
E 2	Supply, Laying, end termination, Testing & commissioning of LT Cables:			15.00%
	E 2.1	Supply of Suitable Size LT Cables	10.00%	
	E.2.2	Laying & end termination of LT Cables	3.00%	
	E 2.3	Testing & commissioning of LT Cables	2.00%	
E 3	Supply, Drawing, Testing and Commissioning of Building level Power Distribution Wiring & cabling			13.00%
	E 3.1	Supply of Building level Power Distribution Wiring & cabling in Ground Floor, 1st Floor & Terrace	8.00%	
	E 3.2	Laying & Drawing of Building level Power Distribution Wiring & cabling in Ground Floor, 1st Floor & Terrace	3.00%	
	E 3.3	Testing and Commissioning of Building level Power Distribution Wiring & cabling in Ground Floor, 1st Floor & Terrace	2.00%	
E 4	Supply, Installation, Testing and Commissioning of LT Panels, SDBs, Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB's etc..			12.00%
	E 4.1	Supply of LT Panels, SDBs	3.00%	
	E 4.2	Supply of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains in Ground Floor & 1st Floor to Terrace	3.00%	
	E 4.3	Installation of LT Panels, SDB	2.00%	
	E 4.4	Installation of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., Rising Mains in Ground Floor & 1st Floor to Terrace	2.00%	

	E 4.5	Testing and Commissioning of LT Panels, SDB	1.00%	
	E 4.6	Testing and Commissioning of Distribution Boards, MCCB, RCCB, ELCB, RCBO, MCB etc., in Ground Floor & 1st Floor to Terrace	1.00%	
E 5	Supply, Drawing, Testing and Commissioning of Point Wiring at Building Level			5.00%
	E 5.1	Supply of Point Wiring in Ground Floor, 1st Floor to Terrace	3.00%	
	E 5.2	Testing and Commissioning of Point Wiring in Ground floor & 1st Floor to Terrace	2.00%	
E 6	Supply, installation, testing and commissioning of BLDC ceiling fans & BLDC Exhaust fans:			2.00%
	E 6.1	Supply of BLDC Ceiling Fans and BLDC Exhaust Fans (if required) in Ground floor & 1st Floor	1.00%	
	E 6.2	Installation of BLDC Ceiling fan and BLDC Exhaust Fans (if required) in Ground Floor & 1st Floor	0.50%	
	E 6.3	Testing and commissioning of BLDC Ceiling fan and BLDC Exhaust Fans (if required) in Ground Floor & 1st Floor	0.50%	
E 7	Supply, Installation, Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators, USB Socket, TV Sockets and LAN Ports			4.00%
	E 7.1	Supply of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports in Ground Floor & 1st floor to Terrace	2.00%	
	E 7.2	Installation of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports in Ground Floor & 1st floor to Terrace	1.00%	
	E 7.3	Testing & Commissioning of Modular Box, Modular Plate, Modular Switches, Modular Sockets, Modular Electronics Regulators and LAN Ports in Ground floor & 1st floor to Terrace	1.00%	
E 8	Supply, installation, testing and commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting:			20.00%

	E 8.1	Supply of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting in Ground Floor & 1st floor to Terrace	14.00%	
	E .8.2	Installation, Indoor LED Light Fixtures of various rating & types including staircase and common area lighting in Ground Floor & 1st floor to Terrace	3.00%	
	E 8.3	Testing and Commissioning of Indoor LED Light Fixtures of various rating & types including staircase and common area lighting in Ground floor & 1st floor to Terrace	3.00%	
E 9	Supply, Installation, Testing and Commissioning of Street Lights & Post Top Lights, landscape lighting & Bollard Lights & Illuminated Signages and Removal of the old existing Lights from the Plot Area (If any)			10.00%
	E 9.1	Supply of Street lights Post top Lights, landscape lighting & Bollard lights, Illuminated Signages	7.00%	
	E 9.2	Installation of Post top Lights, landscape lighting & Bollard lights, Street Lights, Illuminated Signages	1.00%	
	E 9.3	Testing and commissioning of Post Top Lights, landscape lighting & Bollard lights, Street Lights, Illuminated Signages	1.00%	
	E 9.4	Removal of the existing street lights/Plaza light fixtures/ Poles from the IITH existing Bungalow total plot premises as required.	1.00%	
E 10	Supply, Installation, Testing and Commissioning of 15KVA & 5KVA UPS System with 30 min backup			8.00%
	E 10.1	Supply of 15KVA UPS System with 30 min backup for Emergency Lighting and Power Sockets of Building	4.50%	
	E 10.2	Supply of 5KVA UPS System with 30 min backup for Networking System of Building	1.50%	

	E 10.3	Installation, Testing and Commissioning of 15KVA UPS System with 30 min backup for Emergency Lighting and Power Sockets of Building	1.00%	
	E 10.4	Installation, Testing and Commissioning of 5KVA UPS System with 30 min backup for Networking System of Building	1.00%	
E 11	Supply, Installation, Testing and connecting the Earthing system to the Electrical distribution system at Building level.			4.00%
	E 11.1	Supply of the Earthing system to the Electrical distribution system at Building level.	2.00%	
	E 11.2	Installation, testing and connecting the Earthing system to the Electrical distribution system at Building level.	2.00%	
E 12	Supply, installation, testing and commissioning of Horizontal Type 25ltrs. Capacity Electric water heaters (Geysers)			2.00%
	E 12.1	Supply of Electric Geysers for Gnd. & 1st Floor Washrooms	1.00%	
	E 12.2	Installation of Electric Geysers for Gnd. & 1st Floor Washrooms	0.50%	
	E 12.3	Testing and Commissioning of Electric Geysers for Gnd. & 1st Floor Washrooms	0.50%	
E 13	Commissioning and handing over of the above works in totality and full completion as per Contract terms & Conditions			2.00%
E 14	As-Built Drawings (soft & Hard Copies)			1.00%
				100.00%

Annexure - F**Sub-head F) Payment percentage breakup for External Service Connection from MV Panels at AC Plant-5 and DG Set with AMF Panel and Earthing System**

F 1	Preparation and submission of shop drawings, including revisions & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		2.00%
F 2	Supply, Installation, Testing and Commissioning of M V Panels Augmentation at AC Plant-5 (Tap off source to New Director Bungalow) with complete Earthing System		25.00%
	F 2.1	Supply of M V Panels for Augmentation at AC Plant-5	15.00%
	F 2.2	Installation of M V Panels for Augmentation at AC Plant-5	5.00%
	F 2.3	Testing and Commissioning of M V Panels for Augmentation at AC Plant-5	5.00%
F 3	Supply, Laying, end termination, Testing & Commissioning of LT Cables		28.00%
	F 3.1	Supply of Suitable Size LT Cables	20.00%
	F 3.2	Laying of LT Cables	6.00%
	F 3.3	End termination, Testing & Commissioning of LT Cables	2.00%
F 4	Supply, Installation, Testing and Commissioning of 100 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel complete with Earthing System		42.00%
	F 4.1	Supply of 100 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel	30.00%
	F 4.2	Installation of 100 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel	7.00%
	F 4.3	Testing and Commissioning of 100 KVA Diesel Generating System with Acoustic Enclosure and AMF Panel	5.00%
F 5	Commissioning and handing over of the above works in totality and full completion as per Contract terms & Conditions		2.00%
F 6	As-Built Drawings (Soft & Hard Copies)		1.00%
			100.00%

Annexure - G**Sub-head G) Payment percentage breakup for Supply, Installation, Testing and Commissioning of VRF Based AC System:**

G 1	Preparation and submission of shop drawings, including revisions & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		2.00%
G 2	Supply, installation, testing and commissioning of 30 HP System VRF/VRV Variable Refrigerant Flow Outdoor units comprising of Energy efficient Inverter Scroll compressors (100% inverter compressors), Heat Pump Type (Heating + Cooling) suitable for Eco Friendly R-410 refrigerant, Variable Speed Condenser fan motor, Air Cooled Condenser, etc. All compressors shall be inverter type. The condensing units shall be suitable to work on cooling as well as heating mode. The condensing units shall be suitable for operation on 415 ±10% volts, 50Hz, 3 phase AC power supply and complete with auto check function for connection error, auto address setting, etc. The outdoor units shall be low noise type. outdoor units shall be of 20 HP + 10 HP capacities: (min. BEE3) and also VRV indoor air-conditioning unit of below mentioned capacity suitable to operate from 230+10% volt, 50 Hz, 1/3 phase power supply, with air-cooled evaporator with coil, fan, and fan motor, air-cooled condenser with thermetically sealed scroll/rotary type compressor condenser coil, propeller fans controls, control panel, drain pan. The charging of ref/oil if required shall be included in the cost. The Unit should be 3 Star rated (on the date of procurements the minimum EER value of the units should be as per BEE Standard) with suitable electrical starter, etc.		95.00%
	G 2.1	Supply of 20 HP & 10HP VRF Outdoor System	45.00%
	G 2.2	Supply of VRF indoor air-conditioning unit Wall Mounted Type (2.0TR) and (1.6TR) in GF & 1st Floor	25.00%
	G 2.3	Installation of 20 HP & 10HP VRF Outdoor System	10.00%
	G 2.4	Installation of VRF indoor air-conditioning unit Wall Mounted Type (2.0TR) and (1.6TR) in GF & 1st Floor	10.00%
	G 2.5	Testing and Commissioning of total VRF System (Indoor & Outdoor) Up to the satisfaction of Engineer-in-Charge.	5.00%
G 3	Commissioning and handing over of the above works in totality and full completion as per Contract terms & Conditions		2.00%
G 4	As-Built Drawings (soft & Hard Copies)		1.00%
	TOTAL		100.00%

Annexure H**Sub-head H) Payment percentage breakup for Supply, Installation, Testing & Commissioning of Lifts with complete Earthing System:**

H 1	Planning, Detailed Design, Engineering & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		2.00%
H 2	Supply, Installation, Testing & Commissioning of 08 Passenger Lift with Completion of Third-Party Inspection with complete Earthing system		95.00%
	H 2.1	Supply and proper storage of 08 Passenger Lift with spares, Control panel, etc. with Earthing system at Site	70.00%
	H 2.2	Installation of 08 Passenger Lift with proper Earthing system	15.00%
	H 2.3	Testing & Commissioning of 08 Passenger Lift with Earthing system at Site & Completion of Third Party Inspection	10.00%
H 3	Commissioning and handing over of the above works in totality and full completion as per Contract terms & Conditions		2.00%
H 4	As-Built Drawings (Soft & Hard Copies)		1.00%
		TOTAL	100.00%

ANNEXURE - I**Sub-head I) Payment percentage breakup for Automatic Fire Alarm System, Fire Extinguishers:**

I 1	Preparation and submission of shop drawings, including revisions & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		2.00%
I 2	Supply, Installation, Testing and Commissioning of Automatic Addressable Fire Alarm System		80.00%
	I 2.1	Supply of Automatic Fire Alarm Systems and cables as per the Approved Drawings	60.00%
	I 2.2	Laying of cables and Installation of Automatic Fire alarm system	10.00%
	I 2.3	Testing and Commissioning of Automatic Fire alarm System	10.00%
I 3	Supply and installation of Fire Extinguishers at designated locations as per the approved Drawing by Engineer-In-Charge		15.00%
I 4	Commissioning and handing over of the above works in totality and full completion as per Contract terms & Conditions		2.00%
I 5	As-Built Drawings (Soft & Hard Copies)		1.00%
		TOTAL	100.00%

ANNEXURE - J

Sub-head J) Payment percentage breakup for LAN, Networking system:

J 1	Preparation and submission of shop drawings, including revisions & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		2.00%
J 2	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.		95.00%
	J 2.1	Supply of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	70.00%
	J 2.2	Installation of All Active Components and Passive Components of Data & Networking System including switches, SFP Modules, Software etc.,	15.00%
	J 2.3	Supply & Laying of LAN Cables/ Fiber Optics Cables	5.00%
	J 2.4	Testing and Commissioning of LAN, Network.	5.00%
J 3	Commissioning and handing over of the above works in totality and full completion as per Contract terms & Conditions		2.00%
J 4	As-Built Drawings (Soft & Hard Copies)		1.00%
		TOTAL	100.00%

ANNEXURE - K**Sub-head K) Payment percentage breakup for Telephone IP BASED EPABX SYSTEM:**

K 1	Preparation and submission of shop drawings, including revisions & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		2.00%
K 2	Supplying, Installation, Testing and Commissioning of Media Gateway 24 Port (24 Analog Licences). Voice Media Gateway (Should be compatible with the central PBX system)		95.00%
	K 2.1	Supply of All Active Components and Passive Components of Telephone System including Media Gateway, Modules, Software etc.,	70.00%
	K 2.2	Installation of All Active Components and Passive Components of Telephone System including Media Gateway, Modules, Software etc.,	15.00%
	K 2.3	Supply, Fixing / Laying of CAT6A Cables/ Fiber Optics Cables for voice including voice I/O & Face plates	5.00%
	K 2.4	Testing and Commissioning of Voice ports, Media Gateway total system.	5.00%
K 3	Commissioning and handing over of the above works in totality and full completion as per Contract terms & Conditions		2.00%
K 4	As-Built Drawings (Soft & Hard Copies)		1.00%
		TOTAL	100.00%

ANNEXURE - L

Sub-head L) Payment percentage breakup for Water supply pump sets and Flushing pump sets:				
L 1	Preparation and submission of shop drawings, including revisions & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.			2.00%
L 2	Supply, Installation, Testing and Commissioning of the Water supply pumps for Domestic and Flushing pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building			95.00%
	L 2.1	Supply of Water supply pumps for Domestic and Flushing pumps along with Starter and Automatic electrical control panel	70.00%	
	L 2.2	Installation of the Water supply pumps for Domestic and Flushing pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building	15.00%	
	L 2.3	Testing and Commissioning of the Water supply pumps for Domestic and Flushing pumps along with Starter and Automatic electrical control panel at UG Water Sump at Ground of the Building	10.00%	
L 3	Commissioning and handing over of the above works in totality and full completion as per Contract terms & Conditions			2.00%
L 4	As-Built Drawings (Soft & Hard Copies)			1.00%
				100.00%

ANNEXURE - M**Sub-head M) Payment percentage breakup for Lightning Protection System and Earthing System**

M 1	Preparation and submission of shop drawings, including revisions & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		2.00%
M 2	Supply, Installation, Testing and connecting the Lightning Protection system along with Earthing system.		95.00%
	M 2.1	Supply of the Lightning Protection system along with Earthing system.	70.00%
	M 2.2	Installation of the Lightning Protection system along with Earthing system.	15.00%
	M 2.3	Testing and connecting the Lightning Protection system along with Earthing system.	10.00%
M 3	Commissioning and handing over of the above works in totality and full completion as per Contract terms & Conditions		2.00%
M 4	As-Built Drawings (Soft & Hard Copies)		1.00%
		TOTAL	100.00%

ANNEXURE - N**Sub-head N) Payment percentage breakup for Ventilation and Lift shaft Pressurization System:**

N 1	Preparation and submission of shop drawings, including revisions & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		2.00%
N 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%
	N 2.1	Supplying of Ventilation and lift shaft pressurization System	70.00%
	N 2.2	Installation of Ventilation and lift shaft pressurization System	15.00%
	N 2.3	Testing and Commissioning of Ventilation and lift shaft pressurization system	10.00%
N 3	Commissioning and handing over of the above works in totality and full completion as per Contract terms & Conditions		2.00%
N 4	As-Built Drawings (Soft & Hard Copies)		1.00%
		TOTAL	100.00%

ANNEXURE - O**Sub-head O) Payment percentage breakup for Solar Photo Voltaic Power Generation system**

O 1	Preparation and submission of shop drawings, including revisions & Approval from Statutory Bodies and approval of the same by the Engineer-In-Charge.		2.00%
O 2	Supplying, installation, testing and commissioning of grid interactive roof top solar photo voltaic power generation system including space frame		95.00%
	O 2.1	Supplying of 15kWp solar photo voltaic system	70.00%
	O 2.2	Installation of 15kWp solar photo voltaic system	15.00%
	O 2.3	Testing and Commissioning of 15kWp solar photo voltaic power generation	10.00%
O 3	Commissioning and handing over of the above works in totality and full completion as per Contract terms & Conditions		2.00%
O 4	As-Built Drawings (Soft & Hard Copies)		1.00%
		TOTAL	100.00%