

TENDER FOR
CONSTRUCTION OF 336 BOARDERS RCC PRECAST
HOSTEL BUILDING (G+6) AT IIT HYDERABAD



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Volume -2

Financial Bid

INDEX

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HOSTEL BUILDING (G+6) AT 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 bill by the contractor.
2. The total plinth area of a building shall be sum of plinth area 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 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.
10. Payment shall be made as per the schedule of payment as detailed below:-

1. Schedule of Payment for RCC Precast Hostels (G+6) (floor height 2.90 m) :-

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

SI. No.	Stage of activity		Breakup of % of Item Contract Value	% of Item Contract Value
1.	Planning, Detailed Design & Approval from Statutory Bodies, third party vetting and approval of the same by the Engineer-In-Charge.			1.00%
	1.1	On approval of All Architectural Drawings from local bodies and Engineer in Charge.	0.30%	
	1.2	On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	1.3	On approval of All MEP Drawings (except shop drawings) including Proof Checking by third party.	0.40%	
2.	Completion of Foundation & plinth including grade beams & slab.			15.50%
	2.1	Excavation	1.00%	
	2.2	Completion of Foundation & plinth including plinth beams	11.50%	
	2.3	Completion of grade slab	3.00%	
3.	Completion of basic structure including filler panel walls			38.50%
	3.1	On Completion up to Floor two level	4.00%	
	3.2	On Completion up to Floor three level	4.50%	
	3.3	On Completion up to Floor four level	5.00%	
	3.4	On Completion up to Floor five level	5.50%	
	3.5	On Completion up to Floor Six level	5.50%	
	3.6	On Completion up to Floor Seven level	5.50%	
	3.7	On Completion up to Terrace level	6.00%	
	3.8	On completion of Terrace Tank, Mumty, parapet & water proofing of terrace.	2.50%	

4.	Completion of finishing works i.e., flooring, fixing of doors & windows, cup boards, interior & exterior painting etc.			21.00%
	4.1	All type of Flooring, skirting, dado in all rooms and toilets.	7.00%	
	4.2	Fixing of doors & windows	5.00%	
	4.3	Painting (Internal & External) i/c putty	6.00%	
	4.4	All miscellaneous works such as false ceiling, railings, plinth protection, ramps, steps, pavements etc;	3.00%	
5	On completion of all sanitary & water supply fixtures work etc.			6.00 %
6.	Installation of Systems in Various E & M Services			16.00%
	6.1	On delivery to site electrical items such as Switch Socket, internal light fittings, Fans, lightening conductor, Cables and wires etc.,	4.50%	
	6.2	On delivery to site items for passenger lifts.	2.75%	
	6.3	On delivery to site items such as Fire Extinguishers, etc.,	0.25%	
	6.4	Completion of Services in all floors	5.00%	
	6.5	On completion of Testing & Integrated Commissioning of all services and	3.50%	
7.0	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 %

Total Lumpsum amount quoted for this stage :	
In figures (INR)	
In words (INR)	

2. Schedule of Payment for Storm water drains (Precast RCC/Cast-in-situ RCC) :-

(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
1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
2	After providing bottom & side walls storm water drains complete		65.00%
3	Providing & placing covers including culverts wherever required.		20.00%
4	After successful testing		12.00%
5	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.		2.00%
	Total		100.00%

Total Lumpsum amount quoted for this stage :	
In figures (INR)	
In words (INR)	

3. 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 Contract Value	Remarks
1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.	1.00%	
2	Landscaping, Hardscaping, and Horticulture Works in complete shape.	75.00%	

3	For 1 year Maintenance period supplementary Agreement shall be drawn.*	20.00%	
4	Completion Certificate and acceptance by the Engineer-in-charge.	4.00%	
	Total	100.00%	

* This amount of 20% shall be released through supplementary agreement on quarterly basis.

Total Lumpsum amount quoted for this stage :	
In figures (INR)	
In words (INR)	

4. Schedule of Payment for 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
1.	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
	1.1 On approval of All Architectural Drawings by Engineer in Charge.	0.30%	
	1.2 On approval of All Structural Drawings including proof checking by third party and approval from Engineer in Charge.	0.30%	
	1.3 On approval of All MEP Drawings including Proof Checking by third party.	0.40%	
2.	Completion of Excavation, bed concrete and bottom water proofing treatment		22.00%

3.	Completion of bottom raft, walls, internal waterproofing, ceramic tile lining.		40.00%
4	Completion of roof & external water proofing treatment.		20.00%
5.	Completion of external finishing works, plumbing, installation of pumps, electrification & all miscellaneous works complete		10.00%
6	Successful Testing and commissioning.		5.00 %
7	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%

Total Lumpsum amount quoted for this stage :	
In figures (INR)	
In words (INR)	

5. Schedule of Payment for Internal Roads & Paths :

(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
1	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
2	On completion of Preparation of sub grade		10.00%
3	On completion of laying of base concrete and kerb		33.00%

4	On completion of laying of Dewatered Vacuum Cement Concrete		42.00%
5	On completion of providing & filling of grooves, Road marking, Signage, kerbstone, Completion Certificate and acceptance by the Engineer-in-charge.		14.00%
	Total		100.00%

Total Lumpsum amount quoted for this stage :	
In figures (INR)	
In words (INR)	

6. Schedule of Payment for Solar Water Heating Systems

(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
1.	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
2	SITC of Solar water heating system		97.00%
2.1	On supply of solar panels, storage tanks, piping, control Panels etc.	65.00 %	
2.2	On Installation of equipment, complete plumbing, controls, earthing.	20.00%	
2.3	On successful testing of equipment after installation	10.00%	
2.4	After commissioning.	2.00%	
3	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.		2.00%
	Total		100.00%

Total Lumpsum amount quoted for this stage :	
In figures (INR)	
In words (INR)	

7. Schedule of Payment for Substation Equipment

(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
1.	Planning, Detailed Design & Approval from Statutory Bodies, third party vetting and approval of the same by the Engineer-In-Charge.		1.00%
2	SITC of Substation Equipment		97.00%
2.1	On supply of Substation equipment viz. VCBs, transformers, MV Panels, APFC Panels, HT & LT Cables, , Earthing materials etc.	70.00 %	
2.2	On Installation of equipment, earthing.	15.00%	
2.3	On successful testing of equipments after installation	10.00%	
2.4	After commissioning & Getting NOC	2.00%	
3	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.		2.00%
	Total		100.00%

Total Lumpsum amount quoted for this stage :	
In figures (INR)	
In words (INR)	

8. Schedule of Payment for External services -

(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
1.	Planning, Detailed Design and approval of the same by the Engineer-In-Charge.		1.00%
	1.1 External electric connection	0.30%	
	1.2 External water supply connections	0.30%	
	1.3 External sewer connections	0.20%	
	1.4 External cabling for internet and telephone connections.	0.20%	

2	SITC of external electric connections		30.00%
2.1	On supply of cables, panels etc;	18.00 %	
2.2	On Installation of equipment/ laying of cables including trenches / hume pipes, manholes etc.,	10.00%	
2.3	On successful testing of equipment after installation	1.00%	
2.4	After commissioning.	1.00%	
3	External Water supply works/ connections		30.00%
3.1	On supply of pipes, pumps etc;	15.00 %	
3.2	On Installation of equipment and laying of pipes, valves, inspection chambers etc.,	13.00%	
3.3	On successful testing of equipment after installation	1.00%	
3.4	After commissioning.	1.00%	
4	External Sewer connections		25.00%
4.1	On supply of pipes etc;	10.00 %	
4.2	On laying of pipes including manholes	13.00%	
4.3	On successful testing the network	1.00%	
4.4	After commissioning.	1.00%	
5	External Internet, telephone connections		12.00%

5.1	On supply of pipes, cables etc;	6.00 %	
5.2	On Installation of equipment and laying of cables including trenches/hume pipes etc.,	5.00%	
5.3	On successful testing of equipment after installation and	1.00%	
6	On commissioning Completion Certificate and acceptance by the Engineer-in-charge.		2.00%
	Total		100.00%

Total Lumpsum amount quoted for this stage :	
In figures (INR)	
In words (INR)	

GENERAL ABSTRACT

The Contractor shall reproduce the lumpsum amounts quoted against each subhead in the table below:

Sl No	Description	Amount in Figures	Amount in Words
1	Schedule of Payment for RCC Precast Hostels		
2	Storm water drains (Precast RCC/Cast-in-situ RCC)		
3	Hardscaping, Landscaping and Horticulture works		
4	Underground sump		
5	Internal Roads & Paths		
6	Solar Water Heating Systems		
7	Substation Equipment		
8	External services		
	Total		