

HSCC (INDIA) LIMITED
 (A Subsidiary of NBCC (India) Limited)
 (A GOVERNMENT OF INDIA ENTERPRISE)

Dated: 01.02.2020

AMENDMENT No.- II

Project Name: Tender for “Construction of Hospital, Academic Block, Residential Campus and Allied Buildings, etc. and their Maintenance during Defect Liability Period on Comprehensive Design, Engineering, Procurement and Construction (EPC) basis for AIIMS, Rajkot”

Tender No. HSCC/AIIMS/Rajkot/EPC/2020 dated 17.01.2020

This has reference to subject work, the following Amendment may be noted, which shall be treated as a part of the contract to be uploaded along with tender/ bid:

- (1) The bidders may note that the Annexure A of Volume III Special Conditions of Contract (SCC) is amended and the same is enclosed as Annexure-A with this amendment.
- (2) The following clauses in “Scope of Work & Design Basis Report (DBR)” are amended as given below.

Sr. No.	Document Reference	Clause, Page Reference	Existing Provision	Amended Provision
(i)	Scope of work & DBR	Sr. No. - 1, Page 2 of 12	This includes construction of all buildings including excavation, backfilling, staking/ disposal of surplus earth, supply of good earth required for filling, horticulture etc., PCC, Design mix concrete, catering shuttering, reinforcement, structural steel, wall with fly ash/AAC block, doors, windows, flooring, staircase, balcony, cut-out, railing of SS 304 grade, door window hardware in SS 304 grade, dados, plaster, PoP of internal walls, wall putty on external walls, false ceiling, water	This includes construction of all buildings including excavation, backfilling, staking/ disposal of surplus earth, supply of good earth required for filling, horticulture etc., PCC, Design mix concrete, centering shuttering, reinforcement, structural steel, wall with fly ash/AAC block, doors, windows, flooring, staircase, balcony, cut-out, railing of SS 304 grade, door window hardware in SS 304 grade,

Sr. No.	Document Reference	Clause, Page Reference	Existing Provision	Amended Provision
			proofing (terrace, toilet, lift pit, UGT, STP, ETP, OHT, basement and other area as likely to be in contact with water), structural glazing, spider glazing, curtain wall glazing, dry stone cladding with MS frame & cramps, all plumbing work, fire protection, fire fighting, HVAC, IT, Hospital services, electrical works, ventilations, lift, escalator, lift well pressurisation, internal external painting, silicon treatment, provisions & treatments of expansion and construction joints, mummy, lift machine room, sewerage, drainage, water supply, electrical supply, telephone etc. and all other items required to make buildings and services function/ operational individually and project as whole.	dados, plaster, PoP of internal walls, wall putty on external walls, false ceiling, water proofing (terrace, toilet, lift pit, UGT, STP, ETP, OHT, basement and other area as likely to be in contact with water), structural glazing, spider glazing, curtain wall glazing, dry stone cladding with MS frame & cramps, all plumbing work, fire protection, firefighting, HVAC, IT, Hospital services, electrical works, ventilations, lift, escalator, lift well pressurisation, internal external painting, silicon treatment, provisions & treatments of expansion and construction joints, mummy, lift machine room, sewerage, drainage, water supply, electrical supply, telephone etc. and all other items required to make buildings and services functional/ operational individually and project as whole including maintenance during defect liability period.
(ii)	Scope of work & DBR	Sr. No. - 2, Page 3 of 12	<p><u>Summary of Area</u></p> <p>(A) Total plinth area prescribed for Hospital Block, Academic Block, AYUSH Block, Auditorium, Mortuary = 101701 Sqm (Area against quote item No. 1)</p> <p>(B) Total plinth area prescribed for Housing – Type I, Type II, Type III, Type IV, Type V, Type VI, PG Hostel, UG Hostel (M), UG Hostel (F), Working Nursing Hostel, Nursing Student Hostel, Dining Block, Director Bungalow, Guest House, Night Shelter, Shopping Complex, Service Block = 57178 Sqm (Area against quote item No. 2)</p>	<p><u>Summary of Area</u></p> <p>(A) Total plinth area prescribed for Hospital Block, Academic Block, AYUSH Block, Auditorium, Mortuary = 101701 Sqm plus plot area for Site development & landscaping is 269942 Sqm plus plot area for levelling is 139271 Sqm (Area against quote item No. 1)</p> <p>(B) Total plinth area prescribed for Housing – Type I, Type II, Type III, Type IV, Type V, Type VI, PG Hostel, UG Hostel (M), UG Hostel (F), Working Nursing Hostel, Nursing Student Hostel, Dining Block, Director Bungalow, Guest House, Night Shelter, Shopping Complex, Service Block = 57178 Sqm plus plot area for Site development &</p>

Sr. No.	Document Reference	Clause, Page Reference	Existing Provision	Amended Provision
				landscaping is 151842 Sqm plus plot area for levelling is 78340 Sqm (Area against quote item No. 2)
(iii)	Scope of work & DBR	Sr. No. - 2, Page 3 of 12	<ul style="list-style-type: none"> • Important Note <ul style="list-style-type: none"> - The plinth area shall be calculated as per the “Rules for working out plinth area from plans” of CPWD norm(s). The above area is based on the concept drawings which include Free FAR/ FAR/ Non FAR and other components. Stilted portion has also not been considered at ground floor or at other floor as case may be. 	<ul style="list-style-type: none"> • Important Note <ul style="list-style-type: none"> - The plinth area shall be calculated as per the “Rules for working out plinth area from plans” of CPWD norm(s). The above area is based on the concept drawings which include Free FAR/ FAR/ Non FAR and other components. Pedestrian walkway as mentioned under Sr. No. ii) (XLV) of Scope of work at page 6 of 12 has not been considered for calculating the plinth area.
(iv)	Scope of work & DBR	Sr. No. - 3, jj) Page 6 of 12	Site Development & Landscape (including landscaped roads, Paths, CC kerb stone, Streets feature & furniture). All roads shall be of C.C. pavement of mix M-30 with ready mixed concrete from batching plant and/or Bituminous road as approved. The ready mixed concrete shall be laid and finished with screed board vibrator, vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-in-charge. The roads are to be provided with pre-cast service duct, footpath with sufficient width to cater pedestrian movement of at least 14000 visitors, and designer street furniture for at least 8000 visitors. The roads should be designed to carry heavy traffic as per IRC and applicable codes & manual.	Site Development & Landscape (including leveling, sewers, drains, filtered & unfiltered water supply, peripheral waterlines, horticulture works, fountains, mounds, street light, landscaping Roads, Paths, CC kerb stone, Streets feature & furniture, open area theater of 500 capacity etc). All roads shall be of C.C. pavement of mix M-30 with ready mixed concrete from batching plant and/or Bituminous road as approved. The ready mixed concrete shall be laid and finished with screed board vibrator, vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-in-charge. The roads are to be provided with pre-cast service duct, footpath with sufficient width to cater pedestrian movement of at least 14000 visitors and designer street sitting arrangement for at least 2000 persons. The roads should be designed to carry heavy traffic as per IRC and applicable codes & manual.

(3) The HSCC reply to pre-bid queries at S.No.32, 246, 247 & 248 uploaded vide amendment no.1 are amended as given below:

<u>Reply As per existing Amendment NO.1</u>	<u>Amended Reply</u>
<u>S.No. 32 :</u> Refer master layout plan	<u>S.No. 32 :</u> Please refer to master layout plan attached along with this amendment.
<u>S.No. 246 :</u> No change. Shall be as per tender conditions	<u>S.No. 246 :</u> Drawings have already been uploaded in pdf format.
<u>S.No. 247 :</u> Supply of Medical Equipment is not in scope of the tender except as detailed in the DBR. However, space planning and execution has to be executed as per requirement of various departments.	<u>S.No. 247 :</u> No change. Shall be as per tender conditions
<u>S.No. 248 :</u> No change. Shall be as per tender conditions	<u>S.No. 248 :</u> Supply of Medical Equipment is not in scope of the tender except as detailed in the DBR. However, space planning and execution has to be executed as per requirement of various departments.

- (4) Bidders may note that the words ‘Medical Gases Pipeline System’ is synonymous with ‘Medical Gases Manifold System’ and ‘MGPS’ is synonymous with ‘MGMS’.
- (5) Bidders may note that the Soil Investigation report uploaded along with Amendment No.1 dated 31.01.2020 is indicative only. The Contractor is required to get the soil investigation/Topographical Survey done independently as per the conditions of Contract to meet the design requirements. No claim, whatsoever, shall be entertained in this regard.
- (6) The Amended Quoting Sheet for the Bidder (BOQ) has been uploaded on HSCC e-tender portal <http://www.tenderwizard.com/HSCC>. **The Bidders are advised to quote in “Amended Quoting Sheet for the Bidder (BOQ)” only.**

All other terms & Conditions of the Tender shall remain unchanged.

Prospective bidders are advised to regularly scan through HSCC e-tender portal <http://www.tenderwizard.com/HSCC> & HSCC website <http://www.hsccltd.co.in> as corrigendum/amendments etc., if any, will be notified on this portal only and separate advertisement will not be made for this.

(- Sd -)
DGM (Projects),
HSCC (India) Ltd.

ANNEXURE-A

SCHEDULE OF STAGE PAYMENT OF WORKS

Payment Schedule : The Amount quoted by the Contractor shall be divided as follows:

S.no	Description	Individual/ in %age	Cumulative in %age
1	Planning, Designing, Construction, Testing, Commissioning, Obtaining all statutory approvals and handing over to Client on EPC Basis and their maintenance during Defect Liability Period (DLP) of Hospital, Academic Block, Ayush Block, Auditorium and Mortuary for AIIMS Rajkot including all internal and external services, support services, Modular Operation theatres, Integration of Modular Operation Theatres, Medical Gas Manifold (pipeline) system, CSSD, Mortuary, IT works, external development works, and other allied facilities including infrastructure, etc. as per Scope of Work, DBR, provisions and obligations contained in the tender documents by incorporating stipulated specifications, complete as per directions of Engineer In charge. When completed, the Works shall be fit for the purposes for which the Works are intended as defined in the Tender Documents.	100%	100%
2	Planning, Designing, Construction, Testing, Commissioning, Obtaining all statutory approvals and handing over to Client on EPC Basis and their maintenance during Defect Liability Period (DLP) of Residential Campus comprising Type II, III, IV, V & VI Quarters, Directors Bungalow, Night Shelter & Shopping Complex, Guest House, Hostels (PG, UG-Male, UG-Female, Working Nursing, & Nursing Students), Dining Block & Service Block (2 nos) for AIIMS Rajkot including all internal and external services, support services, IT works, external development works, and other allied facilities including infrastructure, etc. as per Scope of Work, DBR, provisions and obligations contained in the tender documents by incorporating stipulated specifications, complete as per directions of Engineer In charge. When completed, the Works shall be fit for the purposes for which the Works are intended as defined in the Tender Documents.	100%	100%
3	Payment of Comprehensive Maintenance Contract (CMC) Charges post 5 years comprehensive warranty to be paid by the Client on satisfactory completion of the services for Medical Gas Pipeline System (MGPS) <ul style="list-style-type: none"> • 6th year • 7th year • 8th year • 9th year • 10th year 		
4	Payment of Comprehensive Maintenance Contract (CMC) Charges post 5 years comprehensive warranty to be paid by the Client at the end of respective year on satisfactory completion of the services for Modular Operation Theatres (MOT) <ul style="list-style-type: none"> • 6th year • 7th year • 8th year 		

	<ul style="list-style-type: none"> • 9th year • 10th year 		
5	<p>Payment of Comprehensive Maintenance Contract (CMC) Charges post 5 years comprehensive warranty to be paid by the Client at the end of respective year on satisfactory completion of the services for Integration of Modular Operation Theatres (MOT)</p> <ul style="list-style-type: none"> • 6th year • 7th year • 8th year • 9th year • 10th year 		
6	<p>Payment of Comprehensive Maintenance Contract (CMC) Charges post 5 years comprehensive warranty to be paid by the Client at the end of respective year on satisfactory completion of the services for CSSD</p> <ul style="list-style-type: none"> • 6th year • 7th year • 8th year • 9th year • 10th year 		
7	<p>Payment of Comprehensive Maintenance Contract (CMC) Charges post 5 years comprehensive warranty to be paid by the Client at the end of respective year on satisfactory completion of the services for Mortuary</p> <ul style="list-style-type: none"> • 6th year • 7th year • 8th year • 9th year • 10th year 		

SCHEDULE OF STAGE PAYMENT OF WORKS

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

1. Planning, Designing, Construction, Testing, Commissioning, Obtaining all statutory approvals and handing over to Client on EPC Basis and their maintenance during Defect Liability Period (DLP) of Hospital, Academic Block, Ayush Block, Auditorium and Mortuary for AIIMS Rajkot including all internal and external services, support services, Modular Operation theatres, Integration of Modular Operation Theatres, Medical Gas Manifold (pipeline) system, CSSD, Mortuary, IT works, external development works, and other allied facilities including infrastructure, etc. as per Scope of Work, DBR, provisions and obligations contained in the tender documents by incorporating stipulated specifications, complete as per directions of Engineer In charge. When completed, the Works shall be fit for the purposes for which the Works are intended as defined in the Tender Documents..

S. No	Description of Item	Break up of total % payable cost		% of Total payable cost *
		Item	Sub-group	
I	Hospital, Ayush Block & Mortuary – (Plinth Area 73790 sqm)			
A.	CIVIL WORKS			
1	On completion of foundation and structure works upto plinth level including basement	10.00%	32.64%	
2	RCC works upto terrace including mumty, machine room etc.	50.00%		
3	Walls and partitions	6.00%		
4	Doors & windows	3.50%		
5	Flooring, skirting and dado	11.00%		
6	False Ceiling, terracing, water proofing etc.	5.50%		
7	Plaster and internal painting	6.50%		
8	External Cladding & structure glazing works	5.50%		
9	Railing/grills/domes etc	1.00%		
10	Signage works	1.00%		
B.	SERVICES			
1	Fire detection and Alarm works		0.63%	
2	Fire Fighting works		1.27%	
3	Lifts		1.56%	
4	Internal PHE works including water supply and sewerage system including fittings and fixtures		2.76%	
5	Internal Electrical Works		4.95%	
i	MCB DB, conduiting, wiring, switch socket and accessories etc.	25%		
ii	Submain, internal LT cabling, cable tray and accessories etc.	15%		
iii	Rising main, MV Panels, floor Panels, metering panels and Earthing etc.	25%		
iv	Light fixtures, fans and accessories etc.	35%		
				90%

S. No	Description of Item	Break up of total % payable cost		% of Total payable cost *
		Item	Sub-group	
C.	HVAC Works			
1	Highside equipments	25%	6.12%	
2	Low side equipments	20%		
3	Piping and fittings	12%		
4	Ducting with insulation	16%		
5	Air registers and duct accessories	12%		
6	HVAC - Electrical Works	15%		
II	Academic Block – (Plinth Area 25432 sqm)			
A.	CIVIL WORKS			
1	On completion of foundation and structure works upto plinth level	10.00%	10.61%	
2	RCC works upto terrace including mumty, machine room etc.	50.00%		
3	Walls and partitions	6.00%		
4	Doors & windows	3.50%		
5	Flooring, skirting and dado	11.00%		
6	False Ceiling, terracing, water proofing etc.	5.50%		
7	Plaster and internal painting	6.50%		
8	External Cladding & structure glazing works	5.50%		
9	Railing/grills/domes etc	1.00%		
10	Signage works	1.00%		
B.	SERVICES			
1	Fire detection and Alarm works		0.23%	
2	Fire Fighting works		0.46%	
3	Lifts		0.35%	
4	Internal PHE works including water supply and sewerage system including fittings and fixtures		0.39%	
5	Internal Electrical Works		1.70%	
i	MCB DB, conduiting, wiring, switch socket and accessories etc.	25%		
ii	Submain, internal LT cabling, cable tray and accessories etc.	15%		
iii	Rising main, MV Panels, floor Panels, metering panels and Earthing etc.	25%		
iv	Light fixtures, fans and accessories etc.	35%		
C.	HVAC Works			
1	Highside equipments	25%	1.73%	
2	Low side equipments	20%		
3	Piping and fittings	12%		

S. No	Description of Item	Break up of total % payable cost		% of Total payable cost *
		Item	Sub-group	
4	Ducting with insulation	16%		
5	Air registers and duct accessories	12%		
6	HVAC - Electrical Works	15%		
III	Auditorium – (Plinth Area 2479 sqm)			
A.	CIVIL WORKS			
1	On completion of foundation and structure works upto plinth level	10.00%		
2	RCC works upto terrace including mumty, machine room etc.	50.00%		
3	Walls and partitions	4.50%		
4	Doors & windows	2.50%		
5	Flooring, skirting and dado	10.50%		1.12%
6	False Ceiling, terracing, water proofing etc.	6.50%		
7	Plaster and internal painting	8.00%		
8	External Cladding & structure glazing works	5.00%		
9	Railing/grills/domes etc	2.00%		
10	Signage works	1.00%		
B.	SERVICES			
1	Acoustics & Auditorium Chairs		0.30%	
2	Fire detection and Alarm works		0.02%	
3	Fire Fighting works		0.04%	
4	Internal PHE works including water supply and sewerage system including fittings and fixtures		0.04%	
5	Internal Electrical Works			
i	MCB DB, conduiting, wiring, switch socket and accessories etc.	25%		
ii	Submain, internal LT cabling, cable tray and accessories etc.	15%		0.17%
iii	Rising main, MV Panels, floor Panels, metering panels and Earthing etc.	25%		
iv	Light fixtures, fans and accessories etc.	35%		
C.	HVAC Works			
1	Highside equipments	25%		
2	Low side equipments	20%		
3	Piping and fittings	12%		0.21%
4	Ducting with insulation	16%		
5	Air registers and duct accessories	12%		
6	HVAC - Electrical Works	15%		

S. No	Description of Item	Break up of total % payable cost		% of Total payable cost *
		Item	Sub-group	
IV	PHE Works			
1	Under Ground Water Tanks with Pump Rooms complete		0.42%	
2	Domestic Terrace Tanks		0.19%	
3	Fire terrace Tanks		0.01%	
4	Solar Hot water System		0.17%	
5	Sewage Treatment Plant		0.36%	
6	Effluent Treatment Plant		0.07%	
7	Borewell		0.01%	
8	Hydropneumatic system/WTP/Softener/ RO/ water Cooler		0.02%	
9	Water Curtain/Gas Flooding System		0.03%	
V	External Development Works			
1	Levelling, roads, footpaths, trenches, parking etc.		1.39%	
2	External Sewer & Drainage		0.53%	
3	Filter Water Supply (Distribution lines and peripheral grid)		0.64%	
4	Unfiltered water supply distribution lines		0.21%	
5	Storm water drains		0.42%	
6	Rain water harvesting		0.29%	
7	Horticulture operations including 30 cm earth filling,grassing,tree plantations/ shrubs and potted plants etc		0.80%	
8	Beautification works including landscape/murals/artworks etc.		0.54%	
VI	IT services			
1	IT Network Infrastructure (LAN & Wi-Fi system)		0.97%	
2	Queue Management system		0.11%	
VII	Electrical Works			
1	CCTV Internal		0.30%	
2	EPABX including telephone sets, wiring etc.		0.96%	
3	Nurses Call Bell System		0.47%	
VIII	SPECIAL SERVICES			
1	Modular Operation Theatre		2.99%	
2	Integrated Modular Operation Theatre		0.48%	
3	CSSD		1.05%	
4	Medical gas Manifold System		1.49%	
5	Mortuary		0.20%	

S. No	Description of Item	Break up of total % payable cost		% of Total payable cost *
		Item	Sub-group	
IX	External Electrical Works			
A.	Grid Substation			
1	Transformer	60%	1.08%	
2	HT Panel, Safety equipment, earthing	30%		
3	HT Cable	10%		
B.	11kV/.433KV ESS			
1	Transformer	22%	1.34%	
2	HT Panel	13%		
3	LT, APFC, AHF Panels, earthing and safety equipment	30%		
4	Bus duct	16%		
5	HT Cable	6%		
6	LT Cable	13%		
C.	DG sets with control cable, Earthing etc			1.48%
D.	UPS			0.57%
E.	CCTV External			0.40%
F.	Access Control System			0.22%
G.	Lighting automation & Occupancy sensor			0.21%
H.	Grid interactive roof top Solar photovoltaic power generation system including space frame			0.19%
I.	Integrated Building Management System			0.24%
J.	Audio Visual System for Lecture rooms ,Conference room, seminar room, Auditorium etc.			0.45%
K.	Specialised services for auditorium - Sound reinforcement, Stage Lighting, Stage curtains			0.37%
L.	Street Lighting			0.42%
M.	Illuminated signages			0.06%
N.	Boom Barrier System			0.01%
O.	SCADA for substation			0.07%
P.	HT Cabling from 110KV Sub station to Meter Room of 66kV AIIMS Substation (Payment against this stage shall be made, if and only if, the HT cabling from the substation of State Electricity Board to the proposed Meter Room of the 66kV Substation in the AIIMS campus is done by the EPC Contractor. The estimated length of cabling under this stage has been estimated as 7000 mts and payment shall be made on a pro-rata basis for the actual quantity, if executed.)			0.31%
Q.	HSD Tank for DG Set			0.11%
R.	Master Antenna TV (MATV)			0.05%

S. No	Description of Item	Break up of total % payable cost		% of Total payable cost *
		Item	Sub-group	
VII	Testing, Commissioning and Handover			
	Testing & commissioning	50%	10%	10%
	Handover	50%		
	Total =			100.00%

For Equipment 75% is payable on supply and 25% on installation.

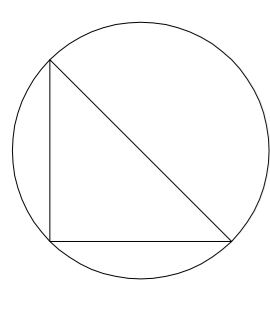
2. Planning, Designing, Construction, Testing, Commissioning, Obtaining all statutory approvals and handing over to Client on EPC Basis and their maintenance during Defect Liability Period (DLP) of Residential Campus comprising Type II, III, IV, V & VI Quarters, Directors Bungalow, Night Shelter & Shopping Complex, Guest House, Hostels (PG, UG-Male, UG-Female, Working Nursing, & Nursing Students), Dining Block & Service Block (2 nos) for AIIMS Rajkot including all internal and external services, support services, IT works, external development works, and other allied facilities including infrastructure, etc. as per Scope of Work, DBR, provisions and obligations contained in the tender documents by incorporating stipulated specifications, complete as per directions of Engineer In charge. When completed, the Works shall be fit for the purposes for which the Works are intended as defined in the Tender Documents.

S. No	Description of Item	Break up of total % payable cost		% of Total payable cost *
		item	Sub-group	
I	Type II, III, IV, V & VI Quarters, Directors Bungalow, Night Shelter & Shopping Complex, Guest House, Hostels (PG, UG-Male, UG-Female, Working Nursing, & Nursing Students), Dining Block & Service Block (2 nos) - Plinth Area 57178 sqm			
A.	CIVIL WORKS			
1	On completion of foundation and structure works upto plinth level	10.0%		
2	RCC works upto terrace including mumty, machine room etc.	45.0%		
3	Walls and partitions	9.0%		
4	Doors & windows	10.0%		
5	Flooring, skirting and dado	9.0%		
6	False Ceiling, terracing, water proofing etc.	2.0%		
7	Plaster and internal painting	12.5%		
8	External Cladding & structure glazing works			
9	Railing/grills/domes etc	2.0%		
10	Signage works	0.5%		
			52.60%	
B.	SERVICES			
1	Fire detection and Alarm works		1.01%	
2	Fire Fighting works		1.69%	
3	Lifts		2.87%	
4	Internal PHE works including water supply and sewerage system including fittings and fixtures		3.90%	
5	Internal Electrical Works			
i	MCB DB, conduiting, wiring, switch socket and accessories etc.	35%		
ii	Submain, internal LT cabling, cable tray and accessories etc.	15%		
iii	Rising main, MV Panels, floor Panels, metering panels and Earthing etc.	25%		
iv	Light fixtures, fans and accessories etc.	25%		
			8.24%	
				90%

S. No	Description of Item	Break up of total % payable cost		% of Total payable cost *
		item	Sub-group	
C.	HVAC Works			
1	Highside equipments	25%	0.39%	
2	Low side equipments	20%		
3	Piping and fittings	12%		
4	Ducting with insulation	16%		
5	Air registers and duct accessories	12%		
6	HVAC - Electrical Works	15%		
D	PHE Works			
1	Under Ground Water Tanks with Pump Rooms complete		0.33%	
2	Domestic Terrace Tanks		0.17%	
3	Fire terrace Tanks		0.21%	
4	Solar Hot water System		0.51%	
5	Sewage Treatment Plant		0.78%	
6	Borewell		0.04%	
7	Hydropneumatic system/WTP/Softener/ RO/ water Cooler		0.01%	
E	External Development Works			
1	Levelling, roads, footpaths, trenches, parking etc.		3.84%	
2	External Sewer & Drainage		1.45%	
3	Filter Water Supply (Distribution lines and peripheral grid)		1.76%	
4	Unfiltered water supply distribution lines		0.57%	
5	Storm water drains		1.14%	
6	Rain water harvesting		0.79%	
7	Horticulture operations including 30 cm earth filling,grassing,tree plantations/ shrubs and potted plants etc		2.20%	
8	Beautification works including landscape/murals/artworks etc.		0.65%	
F	IT services			
1	IT Network Infrastructure (LAN & Wi-Fi system)		0.32%	
G	Electrical Works			
1	CCTV Internal		0.05%	
2	EPABX including telephone sets, wiring etc.		0.16%	
3	Intercom for all Residential		0.29%	
4	Master Antenna TV (MATV)		0.21%	

S. No	Description of Item	Break up of total % payable cost		% of Total payable cost *
		item	Sub-group	
H	External Electrical Works			
A.	11kV/.433KV ESS			
1	Transformer	22%	0.76%	
2	HT Panel	13%		
3	LT, APFC, AHF Panels, earthing and safety equipment	30%		
4	Bus duct	16%		
5	HT Cable	6%		
6	LT Cable	13%		
I.	DG sets with control cable, Earthing etc		0.46%	
J.	UPS		0.08%	
K.	CCTV External		1.12%	
L.	Lighting automation & Occupancy sensor		0.04%	
M.	Street Lighting		1.19%	
N.	Illuminated signages		0.16%	
O.	Boom Barrier System		0.03%	
P.	Testing, Commissioning and Handover			
	Testing & commissioning	50%	10%	10%
	Handover	50%		
	Total =			100.00%

For Equipment 75% is payable on supply and 25% on installation.



NORTH

TAG	BUILDING BLOCK	HEIGHT
A	HOSPITAL BLOCK	B=6+5
B	AYUSH BLOCK	G+1
C	ACADEMIC BLOCK	G+4
D	AUDITORIUM	G+1
E	SERVICE BLOCK	G
F	CAFETERIA AND SHOPS	G
G	GUEST HOUSE & CLUBHOUSE	G+3
H	GUEST HOUSE - 2	G+3
I	HOUSING TYPE - 3	G+13G+12
J	HOUSING TYPE - 4	G+4
K	HOUSING TYPE - 5	G+5
L	HOUSING TYPE - 6	G+1
M	DIRECTOR'S BUNGALOW	G+1
N	DINING AND KITCHEN BLOCK	G+2
O	WORKING NURSES HOSTEL	G+7
P	WORKING NURSES HOSTEL	G+7
Q	UG BOYS HOSTEL	G+5
R	UG GIRLS HOSTEL	G+5
S	PG HOSTEL	G+6
T	FIRE STATION	G
U	MORTUARY	G
V	PUBLIC UTILITY	G
W	TRANSIT HUB	G
X	WATER TOWER	G
Y	LIGHT	G
Z	BMW COLLECTION	G

NOTE:-
 EMBANKMENT TO BE BUILT BY STATE GOVT. APPROX. 2.0 KMS
 LINK ROADS FROM PROPOSED HIGHWAY TO BE BUILT BY STATE GOVT.
 BUS DEPOT AREA WILL BE DEVELOPED BY APPOINTED EPC CONTRACTOR

CLIENT:-
 MINISTRY OF HEALTH AND FAMILY WELFARE
 GOVERNMENT OF INDIA

EXECUTING AGENCY:-
HSCC (INDIA) LIMITED
 A Subsidiary of NBCC (India) Ltd.
 An ISO 9001:2015 Company
 E-6/1, SECTOR 1, NOIDA
 UP-201301

ARCHITECTS:-
DESIGN ASSOCIATES INC
 A-163, Sector-136, Noida
 Main Noida Expressway
 Phone no.: 0120-2428600-629

PROJECT:-
 CONSTRUCTION OF HOSPITAL, ACADEMIC BLOCK, RESIDENTIAL CAMPUS AND ALLIED BUILDINGS FOR AIIMS RAJKOT, GUJARAT.

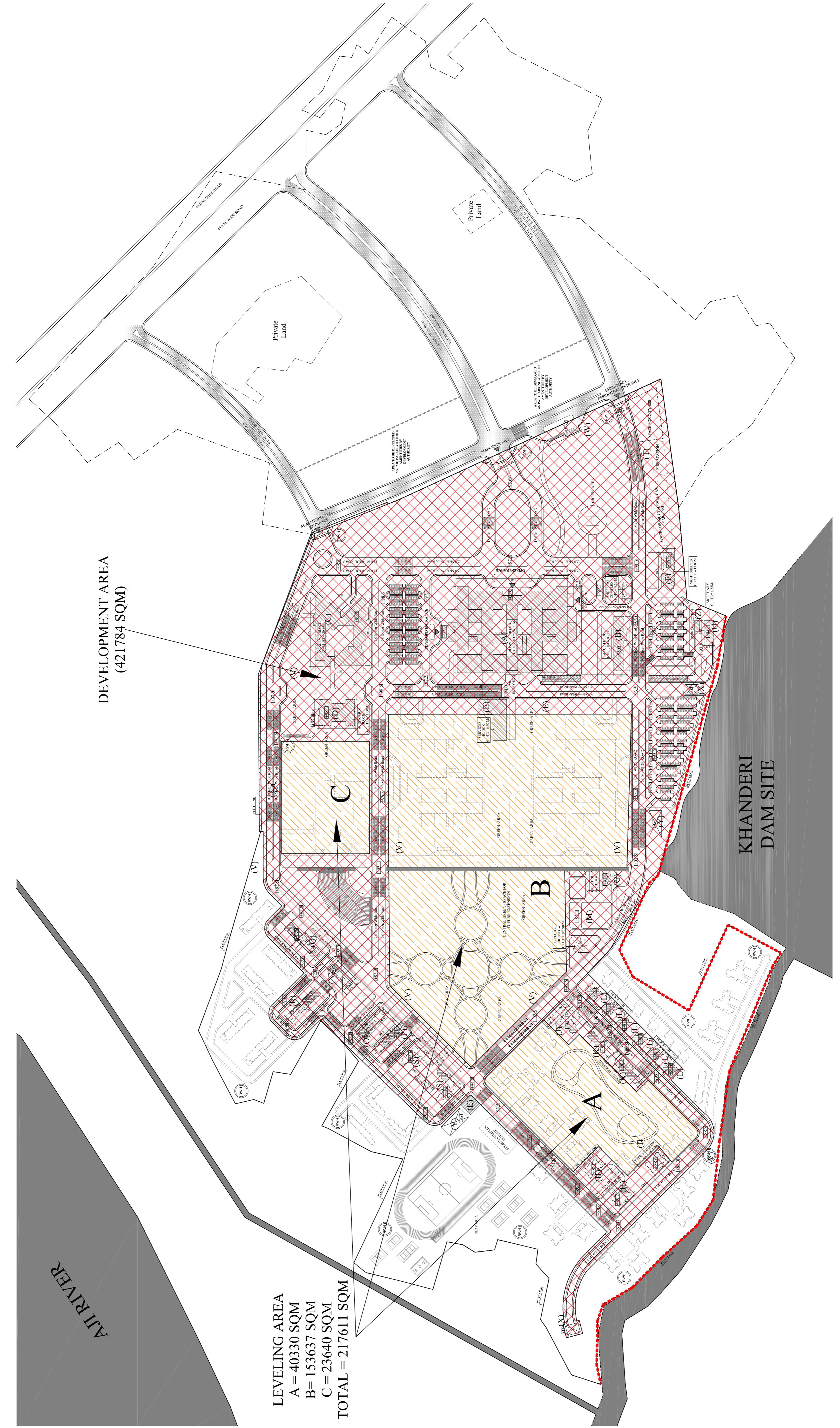
DRAWING PURPOSE:
 TENDER DRAWING
 (ARCHITECTURE)

BLOCK NAME:

DRAWING TITLE:
 SITE LAYOUT PLAN

SCALE: 1:3000
 DATE: 30/01/2020
 SHEET: A1
 DWG. NO.:

A:- 01



DEVELOPMENT AREA
 (421784 SQM)

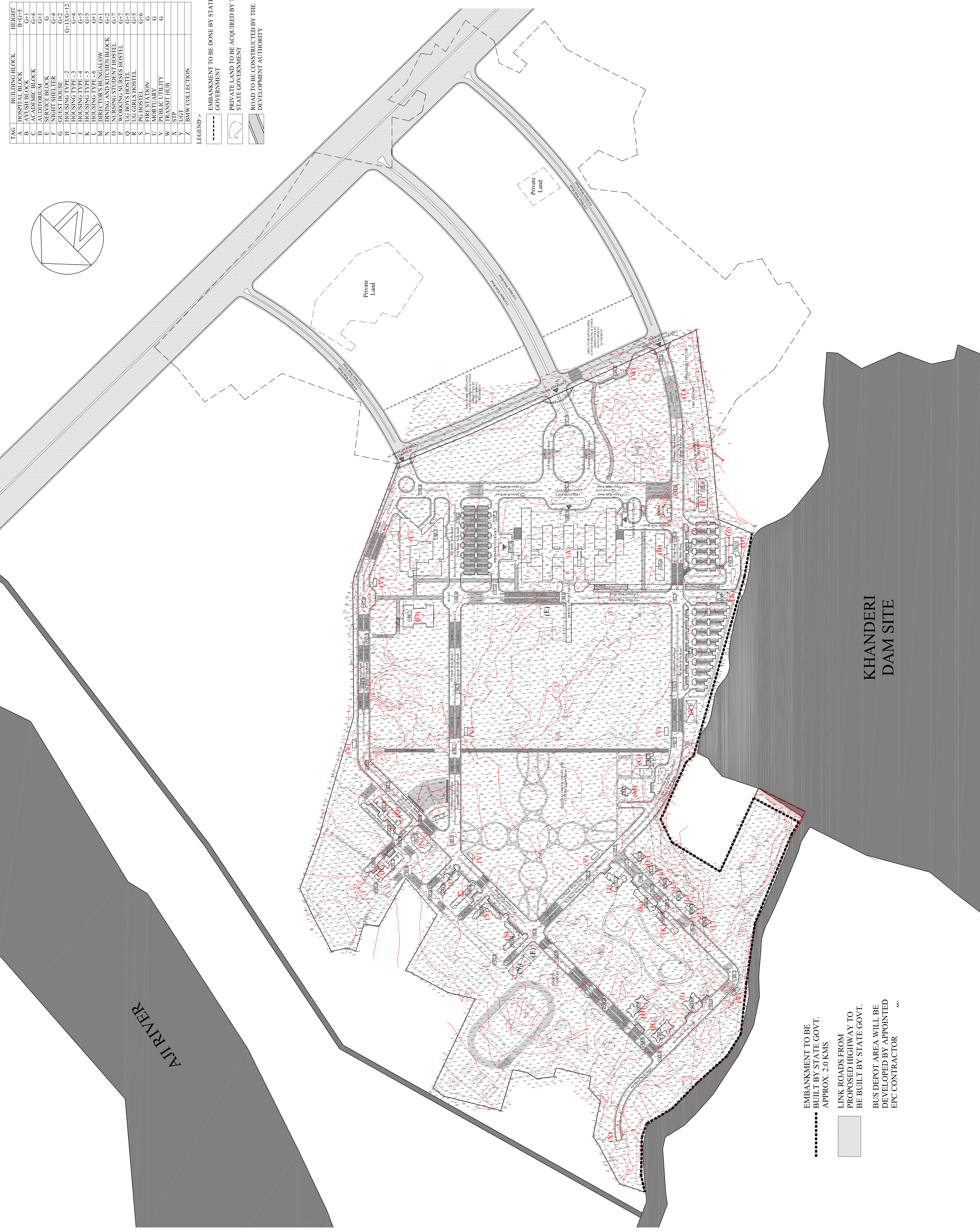
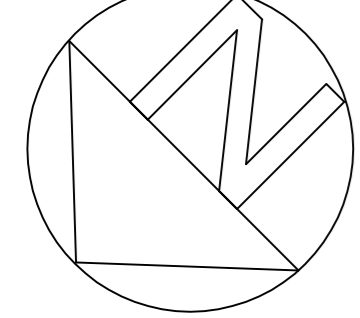
LEVELING AREA
 A = 40330 SQM
 B = 153637 SQM
 C = 23640 SQM
 TOTAL = 217611 SQM

LEGEND	DESCRIPTION
	PROPOSED BUILDING
	FUTURE EXPANSION
	GREEN AREA
	RAIN WATER HARVESTING PIT
	DEVELOPMENT SITE AREA
	LEVELING AREA

TAG	BUILDING BLOCK	HEIGHT
A	HOSPITAL BLOCK	B+G+5
B	AYUSH BLOCK	G+1
C	ACADEMIC BLOCK	G+4
D	AUDITORIUM	G+1
E	SERVICE BLOCK	G
F	NIGHT SHELTER	G+4
G	GUEST HOUSE	G+2
H	HOUSING TYPE - 2	G+1&G+12
I	HOUSING TYPE - 3	G+1
J	HOUSING TYPE - 4	G+1
K	HOUSING TYPE - 5	G+5
L	HOUSING TYPE - 6	G+1
M	DIRECTOR'S BUNGALOW	G+1
N	DINING AND KITCHEN BLOCK	G+2
O	NURSING STUDENT HOSTEL	G+7
P	WORKING NURSES HOSTEL	G+7
Q	UG BOYS HOSTEL	G+5
R	UG GIRLS HOSTEL	G+5
S	PG HOSTEL	G+6
T	FIRE STATION	G
U	MORTUARY	G
V	PUBLIC UTILITY	G
W	TRANSIT HUB	G
X	STP	
Y	UGT	
Z	BMW COLLECTION	

LEGEND :-

- EMBANKMENT TO BE DONE BY STATE GOVERNMENT
- PRIVATE LAND TO BE ACQUIRED BY THE STATE GOVERNMENT
- ROAD TO BE CONSTRUCTED BY THE DEVELOPMENT AUTHORITY



EMBANKMENT TO BE BUILT BY STATE GOVT. APPROX. 2.0 KMS

LINK ROADS FROM PROPOSED HIGHWAY TO BE BUILT BY STATE GOVT.

BUS DEPOT AREA WILL BE DEVELOPED BY APPOINTED EPC CONTRACTOR

KHANDERI DAM SITE

CLIENT:-
MINISTRY OF HEALTH AND FAMILY WELFARE
GOVERNMENT OF INDIA

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DRAWING PURPOSE
FOR TENDER (ARCHITECTURE)

BLOCK NAME

DRAWING TITLE:
SITE PLAN WITH SURVEY

SCALE:-	DATE
NTS	04/01/2020
SHEET:-	DWG. NO.:-
AI	A- SURVEY 01