

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

**Dated: 31.10.2019**

**AMENDMENT No.- I**

**Project Name:** Tender for “Expansion of Nation Referral & Research Institute for Higher Dental Studies and their Maintenance during Defect Liability Period at AIIMS, New Delhi on Comprehensive Design, Engineering, Procurement and Construction (EPC) basis”

**Tender No.** HSCC/AIIMS/EXPANSION/DENTAL-HOSPITAL/2019; dated 17.10.2019

**Reply to Pre Bid Queries raised by bidders during pre -bid meeting held on 28.10.2019 at HSCC, Head Office, Noida**

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:

Sl. No.	Cl.No. / Tender ref.	Bidders Queries	As per Tender	HSCC Reply / to be amended
1.	Cl.No. 4.0 GCC (Vol.- II)	Mobilization advance : The bank guarantee submitted by contractor against mobilization advance shall initially be made for the full amount as mentioned in para 4.1 above and valid for the contract period. It is requested that Bank Guarantee for Mobilization Advance be for the amount equivalent for each installment as mentioned in para 4.1	Mobilization advance : The bank guarantee submitted by contractor against mobilization advance shall initially be made for the full amount as mentioned in para 4.1 above and valid for the contract period, and be kept renewed from time to time to cover the balance amount and likely period of completion of recovery together with interest. However, the contractor can submit part bank guarantees against the mobilization advance in as many numbers as per proposed number of recovery installments equivalent to the amount of each installment.	Mobilization advance : The bank guarantee submitted by contractor against mobilization advance shall initially be made for the amount equivalent to the amount of each installment as mentioned in para 4.1 above and valid for the contract period, and be kept renewed from time to time to cover the balance amount and likely period of completion of recovery together with interest. However, the contractor can submit part bank guarantees against the mobilization advance in as many numbers as per proposed number of recovery installments equivalent to the amount of each installment.

2.		It may please be clarified if dismantling of foundation in proposed area is also to be carried out. Shifting of existing services to be done by AIIMS, and the useful material obtained after dismantling should be propoerty of Contractor.	Old structures on the proposed site, if required, shall be demolished by the contractor properly at his own cost unless and otherwise mentioned elsewhere in the tender document. The useful material obtained from demolition of structures & services shall be the property of the owner/HSCC and these materials shall be stacked in workmanship like at the place specified by the Engineer-in-charge.	Old structures including foundation on the proposed site shall be demolished by the contractor properly at his own cost unless and otherwise mentioned elsewhere in the tender document. Shifting of all services like PHE, Fire, Electrical line etc. including re-routing to be done by the contractor at his own cost. The useful material obtained from demolition of structures & services shall be the property of the Contractor. The demolished materials and services to be disposed off anywhere at any disctance as per contractors convenience within the purview of law. The expenditure of all above works shall be deemed to be included in quoted price.
3.	SCC (Vol.- III)	As the subject work does not involve a Medical college & also being a smaller value work it is requested that clause No 11.1 (scope of works (a) Vol -III of SCC regarding appointment of architect having adequate experience in planning & design of Medical college & Hospital may please be amended.	(a) The concept Plan shall be provided by Consultant to the contractor. The Contractor shall design and prepare detailed working drawings for all works like Architecture, Finishing, Structural and services design eg. Electrical, Lift Plumbing, HVAC works, Fire Fighting, Horticulture, landscaping and external development etc. The contractor shall prepare all coordinated drawings for all services and make all necessary co-ordination for satisfactory execution of all works/activities in time bound manner. Develop various 3 D views and model of the buildings. The Contractor will appoint a competent architect having adequate experience in planning and design of hospitals and medical college. The architect will develop detail design and drawings based on concept drawing.	(a) The concept Plan shall be provided by Consultant to the contractor. The Contractor shall design and prepare detailed working drawings for all works like Architecture, Finishing, Structural and services design eg. Electrical, Lift Plumbing, HVAC works, Fire Fighting, Information Tehnology, Horticulture, landscaping, STP/ETP and external development etc. The contractor shall prepare all coordinated drawings for all services and make all necessary co-ordination for satisfactory execution of all works/activities in time bound manner. Develop various 3 D views and model of the buildings. The Contractor will engage architect to develop detail design and drawings based on concept drawing.
4.		Manpower details for operation during Defect Liability period may please be provided. Further, BMS is not mentioned	(b) Operation and maintenance will also to be carried out by deploying the specialized agency with prior approval of Engineer for all	(b) Maintenance during defect liability period (DLP) will also to be carried out by deploying the specialized agency with prior approval of

		in DBR where as it is mentioed in SCC Clause No 11.1. May please clarify	specialized works like PHE, Firefighting, Electrical, HVAC, BMS and all other services etc.	Engineer for all specialized works like PHE, Firefighting, Electrical, HVAC, IT and all other services etc.
5.	SCC (Vol.- III)	15 days period for preparation of walkthrough, model & 3D view as mentioed in SCC Clause no 11.1 is too short may kindly extend it to 45 days.	(c) A model, 3D view and walkthrough will be prepared & presented to HSCC & Client within 15 days from award of work as per conceptual plan released by HSCC. The latest software of design engineering Including STAADPRO, AutoCAD, BIM etc. will be used for design & Engg. purpose	(c) A model, 3D view, walkthrough and finishing schedule will be prepared & presented to HSCC & Client within 1 month from award of work as per conceptual plan released by HSCC. The latest software of design engineering will be used for design & Engg. purpose
6.		Pre-qualification Criteria for Waterproofing Company (Manufacturer /Supplier & Specialist Waterproofing Sub Contractor )  d. The Specialist waterproofing sub-contractor shall have a minimum Annual Financial Turnover of Rs. 75.00 Crores in each of the 3 preceding Financial Years where as the estimated cost for project is Rs 36.29 Cr.	d. The Specialist waterproofing sub-contractor deployed by the Developer / Contractor for executing the Turnkey supply and installation of the waterproofing system shall be a duly incorporated company in India ( Proprietorship concerns / Partnership firm will be not qualified), having a successful track record of minimum 10 years in the supply and installation of waterproofing systems in India. The Specialist waterproofing sub-contractor shall have a minimum Annual Financial Turnover of Rs. 75.00 Crores in each of the 3 preceding Financial Years and shall be a company duly certified with valid ISO 9001: 2015, ISO 14001: 2015 and OHSAS 18001: 2007 certification.	Pre-qualification Criteria for Waterproofing Company (Manufacturer /Supplier & Specialist Waterproofing Sub Contractor )  d. The Specialist waterproofing sub-contractor deployed by the Developer / Contractor for executing the Turnkey supply and installation of the waterproofing system shall be a duly incorporated company in India ( Proprietorship concerns / Partnership firm will be not qualified), having a successful track record of minimum 10 years in the supply and installation of waterproofing systems in India. The Specialist waterproofing sub-contractor shall have a minimum Annual Financial Turnover of 50% of cost for waterproofing works in each of the 3 preceding Financial Years and shall be a company duly certified with valid ISO 9001: 2015, ISO 14001: 2015 and OHSAS 18001: 2007 certification.
7.		Capacities not required for STP		STP to be designed as per requirement of the project. STP should be of PMTR (Portable Magnetic Treatment Reactor) technology.
8.		Location & type of staircase different		Tender Architecture drawings already available. All drawings to be prepared by EPC agency based on Tender drawings.

9.		Structure drawings 4 passenger lift & Architectural drawings 2 No passenger lift		Number of Lifts should be as per DBR for electrical works
10.		Architecture & Structure Drawings not matching (37.7 m in architecture drawing & 34.26 m in structure drawing)		Architecture Tender drawing already available. All drawings to be prepared by EPC agency based on Tender drawings.
11.		Pg 69 of of DBR of WTP (Water treatment plant) - Zone-1 Hospital Medical College, Zone-2 Auditorium Guest House Etc		Design Bases Report of Water Treatment Plant (WTP) 1.0 The EPC Contractor shall carry out Design, Engineering, Supply, Installation, Testing & Commissioning for WTP. The construction of Advance Neuro Science Centre at expansion of Dental institute, AIIMS New Delhi
12.		No escalation applicable on this tender. We request you to kindly reconsider it		No change in tender terms and conditions
13.		In Tender documents, nothing has been mentioned about RMC Plant, steel yard & labour hutment etc. Please clarify whether necessary space shall be provided by the department.		Labour camp not allowed at site & spaces for batching plant, steel / shuttering yard etc may be provided depending upon availability. The bidder shall not have any claim whatsoever reason in case the space is not provided. Bidder should visit and examine.
14.	Tender Drawings	Autocad drawings may kindly be supplied		Tender Drawings (in PDF) already available on HSCC e-tender Portal
15.	SCC (Vol.- III)	Payment terms & conditions appears to be too stringent		Revised Payment terms & Conditions attached at <b>Annexure- A</b>
16.	SCC (Vol.- III)		During construction as mentioned above Phasing of the building shall be done with 1.8 M High barricading to separate the building under construction with Completed building. The barricading of 1.8-meter height along from road side and outer boundary the' periphery of the project site shall be constructed by contractor as per direction	During construction as mentioned above Phasing of the building shall be done with 5.0 M High barricading to separate the building under construction with Completed building. The barricading of 5.0 meter height along from road side and outer boundary the' periphery of the project site shall be constructed by contractor as per direction by

		<p>by Engineer-in-charge. The barricading constructed and shall be aesthetically maintained by regular cleaning and painting by the contractor as directed by the Engineer-in-charge. The expenditure Incurred for barricading and maintenance of barricading shall be borne by the contractor.</p>	<p>Engineer-in-charge. The barricading constructed and shall be aesthetically maintained by regular cleaning and painting by the contractor as directed by the Engineer-in-charge. After successful completion of work all the temporary fencing will be dismantled / removed and disposed of immediately by Contractor &amp; all the dismantled /removed material from here shall be the property of the Contractor. No logo or name of the contractor to be written/installed/posted on the temporary fencing, suitable penalty @ Rs.1.0 lakh per day will be imposed in case the logo or name of contractor is found written/installed/posted on the fencing without written permission of Engineer. The expenditure Incurred for barricading and maintenance of barricading shall be borne by the contractor.</p>
17.		<p>The efforts will be made by the HSCC pursuing with Client to handover the site to the Contractor free of encumbrances. However, in case of any delay in handing over of the site to the Contractor by the Client then HSCC shall only consider suitable extension of time for the execution of the work. It should be clearly understood that the contractor will not be entitled for any extra claim on such account and HSCC shall not consider any revision in contract price or any other compensation whatsoever. The contractor shall be responsible to obtain statutory approval for commencement of work from all statutory authority/Departments.</p>	<p>The efforts will be made by the HSCC pursuing with Client to handover the site to the Contractor free of encumbrances. However, in case of any delay in handing over of the site to the Contractor by the Client then HSCC shall only consider suitable extension of time for the execution of the work. It should be clearly understood that the contractor will not be entitled for any extra claim on such account and HSCC shall not consider any revision in contract price or any other compensation whatsoever. The contractor shall be responsible to obtain statutory approval for commencement of work from all statutory authority/Departments however mobilization and demolition may be started after issuance of letter of Award before approval from local/statutory body if permitted by Engineer-in-charge. All</p>

				statutory fees for local body clearance will be made by the contractor which shall be reimburse by HSCC on submission of proof by Contractor.
<b>18.</b>			(d) The soil investigation report will be provided by HSCC to Contractor for reference purpose. However, they are required to get it done independently to satisfy themselves as per design requirements.	(d) Contractor are required to carry out soil survey independently to satisfy themselves as per design requirements.
<b>19.</b>	DBR/ Tech. Specs	False ceiling		Only Metallic False ceiling to be provided

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.

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 DGM (Civil),  
 HSCC (India) Ltd.

## Annexure-A

### SCHEDULE OF STAGE PAYMENT OF WORKS:

**Payment schedule:** The Amount Quoted by EPC shall be divided as Follow:

S.no	Description	* Individual/ in %age	Cumulative in %age
1	<b>Completion of “Expansion of Nation Referral &amp; Research Institute for Higher Dental Studies at AIIMS, New Delhi” with all services</b>	87.00%	87.00%
2	<b>External Development</b> A.) Roads, footpaths, Boundary wall Retaining wall, Horticulture, Landscape, Terrace garden Signage, etc all complete  B.) <b>PHE &amp; Fire Fighting works</b> UG Tank, STP/ WTP & Pump Room Structure etc. all complete.	13.00%	100.00% excluding retention money and BG's

Expansion of Nation Referral & Research Institute for Higher Dental Studies and their Maintenance during Defect Liability Period at AIIMS, New Delhi on Comprehensive Design, Engineering, Procurement and Construction (EPC) basis

1. Planning, Designing, and Construction on EPC Basis of “Expansion of Nation Referral & Research Institute for Higher Dental Studies at AIIMS, New Delhi” including two Basement + G+7 with support services & allied facilities by incorporating stipulated specifications, all services including handing over complete as per scope of work and directions of Engineer In charge:

S. No	Description of Item	Break up of total % payable cost		% of Total payable cost *
		item	Sub-group	
<b>A</b>	<b>CONSTRUCTION</b>			
	<b>i. Civil Works</b>	<b>60.00%</b>		
	i. Completion of RCC foundation /Raft	6.00%		
	ii. Completion of RCC lower basement slab	6.00%	<b>60.00%</b>	<b>90.00%</b>
	iii. Completion of RCC work upto Plinth level ( Floor 1 level)	3.00%		
	iv. Completion of RCC work upto floor 3 level	4.00%		
	v Completion of RCC work upto floor 5 level	4.00%		
	vi Completion of RCC work upto terrace level including machine room, mummy & staircase	8.00%		
	vi. Completion of brick work upto floor 3 level	3.50%		
	vii Completion of brick work upto floor 5 level	2.50%		
	viii Completion of brick work upto terrace level	1.50%		
	ix. Completion of internal plaster & flooring upto floor 3 level	2.50%		
	x. Completion of internal plaster & flooring upto floor 5 level	1.25%		
	xi Completion of internal plaster & flooring upto terrace level	1.25%		
	xii. Fixing of Doors & Windows frame & shutter including Glazing. Str. Glazing	2.50%		
	xiii. Completion of False Ceiling & Painting Work upto floor 3 level	1.50%		
	xiv Completion of False Ceiling & Painting Work upto terrace level	1.50%		
	xv. Completion of External cladding & External plaster & all finishing works	4.00 %		
	xvi. Other Works, viz. Steel work, railing, paneling (Internal & External)	3.00%		
	xvii. Completion of Internal water supply, Sanitary and plumbing work except fittings & fixtures	2.00%		
	xviii. Completion of CP fittings & fixtures	2.00%		



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<b>ii. Services</b>	<b>30%</b>	
<b>a. HVAC : supply &amp; Erection</b>	<b>9.00%</b>	
i. Completion of Ducting with installation upto 3 <sup>rd</sup> floor with basement	0.60%	
ii Completion of Ducting with installation upto last level	0.60%	
iii. Completion of pipe & fitting works with insulation	1.20%	
iv. Supply of HVAC items including equipments	2.50%	
v. Installation of HVAC items including equipments	1.10%	
vi. HVAC electrical equipment's supply works	1.00%	
vii. HVAC electrical equipment's installation works	0.20%	
viii. Completion of HVAC works in all respect	1.80%	
<b>b. Electrical Works</b>	<b>15.00%</b>	
i. ESS – Supply	2.00%	
ii ESS – Installation	1.25%	
iii. DG Set- Supply	1.00%	
iv DG Set- Installation	0.25%	
v. Rising Mains, MV Panels, Distribution Board – Supply	0.50%	<b>30.00%</b>
vi Rising Mains, MV Panels, Distribution Board – Installations	0.50%	
vii. Conduiting, Wiring, Switch Socket – Supply	1.50%	
viii Conduiting, Wiring & fixing of Switch Socket Conduiting upto 2 <sup>nd</sup> floor level	0.25%	
ix Conduiting, Wiring & fixing of Switch Socket Conduiting upto last level	0.25%	
x. Lights Fixtures and Fan – Supply	0.50%	
Xi Lights Fixtures and Fan – Installation	0.25%	
vi. CCTV, Telephone, Audio Visual, Fire Alarm, PA System, Data Point & TV antenna outlet		
(a) Conduiting & Wiring	1.00%	
(b) Supply of equipment's	1.20%	
(c) Installation of Equipments	0.30%	
xii. LT cables – Supply	1.00%	
Xiii LT cables – Installation	0.50%	
Xiv Lifts – Supply	1.00%	
Xv Lifts- Installations	0.25%	
ix. Earthing of equipment's and Outdoor Lighting	0.50%	
x. Completion of Electrical works in all respect.	1.00%	
<b>c. Water Supply &amp; Sewerage System</b>	<b>2.50%</b>	
<b>I Water Supply &amp; Sewerage System- Supply</b>	<b>1.00%</b>	
i. External Water Supply System	0.75%	
ii. External Sanitary & Sewerage System	0.50%	
iii. Storm water drainage	0.25%	
<b>d. Fire Protection System</b>	<b>2.00%</b>	
i. Wet Riser System /Down Comer System	0.50%	

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	ii. Automatic Sprinkler System	1.00%		
	iii. Fire Extinguishers	0.25%		
	iv. Other Works (Pump Room)	0.25%		
	e. <u>RO, Hot Water Generator System &amp; Solar Hot Water Generator System</u>	<b>0.25%</b>		
	f. <u>Signage</u>	<b>0.25%</b>		
	<b>g. IT works</b>	<b>1.00%</b>		
	a. Supply	0.75%		
	b. Installation	0.25%		
<b>B</b>	<b>Completion and Handing Over</b>			<b>10.00%</b>
	i. <u>Testing &amp; Commissioning</u>		5.00%	
	ii. <u>Handing over</u>		5.00%	
	<b>Total =</b>			<b>100.00%</b>