

Dated: 07.04.2021

**AMENDMENT No.- III**

**Project Name:** Tender for “Construction of Academic Block, Hostel Blocks, Residential Quarters etc. for Establishment of New Medical College at Bundi, Rajasthan”

**Tender No.** HSCC/MED/BUNDI/PH-I/2021

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 Last date of submission & opening of bids has been extended as follows:**

Last date to fill/upload the tender : **upto 15:00 hrs. on 15.04.2021**  
through e-Tendering

Date of Opening of bids : on 15.04.2021 at 16:00 hrs.

**(2) Reply to Pre Bid Queries raised by bidders during pre -bid meeting held on 25.03.2021 at HSCC, Head Office, Noida are attached at Annexure – I.**

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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GM (Projects),  
HSCC (India) Ltd.

Tender for "Construction of Academic Block, Hostel Blocks, Residential Quarters etc. for Establishment of New Medical College at <u>Bundi, Rajasthan</u> "					
Tender No. HSCC/MED/BUNDI/PH-I/2021					
Sr. No	Ref. Cl. No. Page No.	Ref. Vol.	As per Tender	Bidder's Queries	HSCC Reply
1	SCC - 41.0 (Clause 10C) Price Variation	Vol.-III (SCC)	CLAUSE 10C Price Variation Clause	Please provide the percentage of the components for A.Labour, B. Material, C. Bitumen, D. Petroleum, E. Cement, F. Steel	The percentage of the components are as follows:- (a) Labour - 25 % (percent) (b) Material - 45 % (percent) (c) Bitumen - 0 % (percent) (d) Diesel and Petrol - 0 % (percent) (e) Cement - 10 % (percent) (f) Steel - 20 % (percent) Total - 100 %
2	SCC - 41.0 (Clause 10C) Price Variation Para (G).	Vol.-III (SCC)	SCC - 41.0 (Clause 10C) "Price Variation" Para (G) "Price Variation in installation of elevators, supply/installation of Centrally Air Conditioning and Central Evaporating Cooling Works"	SCC - 41.0 (Clause 10C) "Price Variation" Para (G) "Price Variation in installation of elevators, supply/installation of Centrally Air Conditioning and Central Evaporating Cooling Works"	Para (G) "Price Variation in installation of elevators, supply/installation of Centrally Air Conditioning and Central Evaporating Cooling Works" <b>Stands Deleted.</b> No Price Variation is payable on HVAC, IT & Operation & Maintenance works and these shall be deducted from the value of work done "(R)".
3	Schedule F Vol-II - Page 113	Vol.-II (GCC)	RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION	Please provide the base rates of Cement and Steel.	As per average purchase price of bidder
4	BOQ CIVIL Item no 5.07	Vol.-V (BOQ)	Stone work (machine cut dges) for Wall cladding /Veneering work upto 10 m height with 20 to 30 mm thick Pink Sand stone (Bansi Paharpur) and backing filled with agrout of 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand ) including pointing in white cement mortar 1:2 (1white cement :2 stone dust) with an admixture of pigment matching the stone shade : ( To be secured to the backing by means of cramps which shall be paid separately)	Backing cramps item in not mentioned in BOQ.	Work shall be carried out as per BOQ Item and relevant PWD Specification.
5	BOQ CIVIL Item no 6.04	Vol.-V (BOQ)	Providing and fixing wall panelling using soft wood frame of size 50x25mm @600 mm c/c in both directions duly treated with anti-termite treatment making grooves painting of grooves specification and drawing using : 12mm thick Acoustical Board	Please clarify weather soft wood is included in this item or it will be paid separately.	Included

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6	BOQ CIVIL Item no 9.07	Vol.-V (BOQ)	Providing & laying vitrified Porcelain dianomite floor tile, skirting, dado, (Johnso, Euro, Naveen, Bell or equivalent etc.) size 60x600, 10 mm thick flooring over 20 mm thick bed mortar 1:4 mix with 2-3 mm thick joint to be filled with cementious grout or polymer based non shrink grout make Rofee/ Bell adhesive/ pidite etc of matching colour as per requirement of site.	Please clarify the size of tile.	Size of tile 600X600mm
7	BOQ CIVIL Item no 10.12(a)	Vol.-V (BOQ)	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work including preparation of base with primer, putty, lippy complete in all respect.	Please clarify weather the primer and putty is included in this item.  The Rate of this item is Rs.64.00/- The Rate of putty in item no 10.01 is Rs.104.00/- So putty may not be included in this item.	This Item of wall painting is self explanatory. Item of cement based putty is different item. Work shall be carried out as per BOQ Item and relevant PWD Specification.
8	BOQ CIVIL Item no 10.16(a)	Vol.-V (BOQ)	Finishing walls with textured exterior paint of required shade as per approved colour complete as per manufacturers specifications including primer coat and protecting coat including scaffolding and safety provision Trowel Finish av. thickness 1000 to 1200 microns.	Please provide the specification of protecting coat.  Which type of protecting coat eaither ACE or APEX or ULTIMA	Work shall be carried out as per BOQ Item and relevant PWD Specification.
9	BOQ CIVIL Item no 15.04, 15.05, 15.06	Vol.-V (BOQ)	8. Maintance of plants by the contractor including pits, preparation of Thavala Hoeing weeding etc & application of insecticides etc. & security. If the plant die during maintence contractor has to rplace same heingh plant at his own cost.	1. Please clarify weather the manure, pesticides and other consumables will be provided by department in maintenance period. 2. In the Maintenance period the supply of water is to be in the scope of department.	1. In the scope of contractor. 2. After the building is occupied, available water can be used.

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10	BOQ CIVIL Item no 13.01(i)	Vol.-V (BOQ)	Providing & fixing anodizing aluminum work (Anodizing to be got done from approved Anodizer) for doors, windows, ventilators and partition with extruded built up standard tubular and other sections of approved make confirming to IS : 733 and IS : 1285 anodised transparent 81 dyed to required shade according to IS : 1868 (Minimum anodic coating of grade AC 15), fixed with rawl plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gas at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle Aluminum snap beading for glazing/paneling, C.P. Brass/ Stainless Steel screws, Al. Tower bolt & Al. handle & Al. Aldrop etc. all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately).	Please clarify weather Al. Tower bolt & Al. handle & Al. Aldrop are included in this item. If yes, provide the schudle of hardware fixtures and specification.  Aluminum item is given in Kgs which includes hardware, so please provide details of 1. Al. Tower bolt- 2. Al. Handle- 3. Al. Aldrop-	This Item is self explanatory. Work shall be carried out as per BOQ Item and relevant PWD Specification.
11	BOQ PLUMBING WORK Item no 3.01,3.02, 3.03	Vol.-V (BOQ)	Chlorinated Polyvenyl Chloride(CPVC)pipes	Please provide the grade of CPVC pipes.	Work shall be carried out as per BOQ Item and relevant PWD Specification.
12	BOQ PLUMBING WORK Item no 3.26 & 3.27	Vol.-V (BOQ)	Providing Laying Jointing DI Pipe (Ductile iron pipe) of 100/150 mm dia ISI marked K-7 grade as per IS : 5329-2000 with internal cement mortar lining for potable water with rubber ring (EPDM/ SBR) Joints per IS : 5382-1985 complete including Hydraulic testing & commissioning as per Technical Specification.	DI Pipe fittings item is not provided in BOQ, Please clarify.	Rate to be quoted for length of pipe including fittings likes sockets, bends,tees etc. Nothing extra is payable for these fittings
13	Electrical Works : Approved Make-	Vol.-IV (Tech. Specs)		Please provide the <b>make list</b> for <b>Audio vidio system</b> .	Makes AV system: Martin Audio/Electovoice/ Dynacord/Bosch or equivalent as per approval of engineer incharge. Projector: Sony/Barco/Christie or equivalent as per approval of engineer incharge. Items shall comply 'Make in India'
14	BOQ PLUMBING WORK Item no 10.01	Vol.-V (BOQ)	EFFLUENT TREATMENT PLANT(ETP) - :- Geo Miler & Co, Ion-Exchange, Oxybee, Pollucon Technologies,Thermax,enzotech	We understood that vendors list provided for ETP may be considered for STP also. Please clarify. STP Makes are not given; shall we fallow ETP makes	Item no 10.01 [(EFFLUENT TREATMENT PLANT(ETP))] of Plumbing Work of BOQ - <b>Item has been amended &amp; attched at Annexure -II</b>

Sr. No	Ref. Cl. No. Page No.	Ref. Vol.	As per Tender	Bidder's Queries	HSCC Reply
15				If any component of Part A with respect to Part B is deviated, then proportionally Oeprttation & Maintenance charges (Part B) has to be revised. If value of HVAC, Fire fighting, Electrical works and ELV systems increases, similarly AMC is also to be increased.	Item of O&M shall be paid as per BOQ item.
16	BOQ ELECTRICAL WORKS Item no 1.01	Vol.-V (BOQ)	HT Metering Cubicle panel	The rate in the estimate is at very lower side, in present market it is 1.2Lacs where as in BOQ it is 0.20 Lacs. Please revise the BOQ Rate.	As per tender condition/BOQ
17	BOQ ELECTRICAL WORKS Item no 1.02	Vol.-V (BOQ)	Out door,Extensible type Ring main unit (RMU)	The rate in the estimate is at very lower side, in present market it is 18 Lacs where as in BOQ it is 4.14 Lacs. Please revise the BOQ Rate.	As per tender condition/BOQ
18				Time period of completion may kindly be 24 months	Shall be as per Tender conditions.
19				Tree Cutting Permion from the concerning department received or not.	Refer Clause No 4 "Scope of Contract" of Vol.-III (SCC), which is self explanatory. Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submission of their tender/bid.
20				Demolishing if required shall be in the scope of main contractor or not. Ownership of demolished material shall be of the main contractor or not.	All useful materials obtained as a result of demolation shall be the property of the owner.
21				Extra item substitute item and deviatian shall be allowed or not. Whether Market Rate DSR 2018 or BSR 2019 shall be allowed may please be confirmed.	Shall be as per Tender conditions.
22	Civil Works: Approve Make	Vol.-IV (Tech. Specs)		Steet make my be allow like Rathi Steel, Shyam Steet, Electro Steel, JSPI, & JSW etc. as per Government of India, Ministry of Steel DO No. S-20027/13/2020-TECH, dated 12th Jan. 2021.	Shall be as per Tender conditions.
23				Soil investigation report may please be provided for any subsoil water present and other conditions.	Refer Clause No 1.17 (NIT/PQ & ITB – Vol.-I) Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil.
24				Water and Electricity is to be provided by the department or not.	Shall be as per Tender conditions. Refer Clause No. 32.5 "Water Supply & Power Supply" of Vol.-III (SCC).
25				NABL, BIS approved Labs may be considered for testing of sample / materials.	Shall be as per Tender conditions.
26				Bsae Rate of material Cement/ Steel for escalation purpose may please be provided.	Refer 41.0 (Clause 10C "Price Variation) of SCC (Vol.-III) of tender document,

Sr. No	Ref. Cl. No. Page No.	Ref. Vol.	As per Tender	Bidder's Queries	HSCC Reply
27				Can working shift Day and Night, if any restriction please clarify.	Statutory norms / labour bye laws to be followed and work to be executed without affecting the surrounding.
28	Civil Works:	Vol.-V (BOQ)		Excavated Material stone is in contractor scope or any other scope.	All useful materials obtained as a result of excavation or dismantling shall be the property of the owner.
29	EMD/ Bid Security	Vol.- I (NIT & ITB)		EMD should be exempted as per Ministry of Finance Office Memorandum No. F9/4/2020-PPD Dt.12th Nov. 2020.	Shall be as per Tender conditions. Refer Cl.No. 1.9 of Vol.-I (NIT & ITB) of tender documents.
30	Cl.No. 1.4.1 Eligibility Criteria "Similar Work"	Vol.-I (NIT & ITB)		Here the Similar Work shall mean a Project comprising Construction of any multistoried RCC framed structure minimum Five storeys above ground level (machine room and mumty shall not be counted as a storey) including finishing works, internal water supply, sanitary installations and internal electrical installations, all executed under one composite agreement/ work order. As per the current CPWD guideline which is also been followed in other central and state government tenders, each floor is considered as 3.25 meter high and basis this total height of the building is the derived which is to be met by the applicant. Hence, we understand that a building having height of 16.25 meter or more can qualify for these projects. Please clarify.	Shall be as per Tender conditions.
31	Civil Works:	Vol.-V (BOQ)		RMC plant/ outside ready mix concrete allowed or not allowed.	Bidder shall install calibrated, computerised Batch Mix Plant of adequate capacity. In case of failure of Batching plant, outside ready mix concrete of approved manufacturer will be allowed as per approved design mix at no extra cost.
32	Civil Works:	Vol.-V (BOQ)		PPC Cement as per CPWD for both RCC & other works be allowed.	For RCC Structural works - OPC 43 Grade only. For Other than RCC works- OPC 43 Grade / PPC .
33				Availability of space with in campus for setting up of Batching Pnat, temporary Contractor Office , Stores, Workshops, Labour Camps etc. to facilitate long working hours to complete the work within the time schedule.	Shall be as per Tender conditions. Spaces for batching plant, steel/shuttering yard, godown 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 the site before submitting the bid.
34	4.1.1. Approval Required	Vol.-III (SCC)		Approval Required : The Payment of fees/Administrative expenses etc for approval/clearances etc shall be reimbursed based on documentary evidence as per actual. Kindly Clarify ?	All the statutory expenditure incurred towards payment to the local body/Authorities for getting statutory approval/clearances etc. will be paid / reimbursed by owner on the proof of payment/ deposition.

Name of Work : Construction of Medical College, Residences, Hostels etc at Bundi Rajasthan (Phase-I)			
Amendmend of PHE BOQ item No. 10.01			
S. NO.	DESCRIPTION		DESCRIPTION
	As per BOQ		As Amendmend
10.00	EFFLUENT TREATMENT PLANT(ETP) -		EFFLUENT TREATMENT PLANT(ETP) -
10.01	<p>Providing and fixing packaged type Effluent treatment plant including design/shop drawing and obtain the approval from HSCC,erection,commissioning,construction of ETP including civil,mechanical,electrical,piping work complete in all respect on turnkey basis.The system should be fully automatic with level control,compact,odor free and shall consume low power. ETP will be placed near STP site of the building of suitable size for <b>20 KLD</b> required to treat the effluent of lab,laundry,kitchen and hospital facilities by using suitable technology complete in all respect including oil and grease trap/chemical reaction with suitable chemical dosing such as Fentons reagent or any other suitable for effluent/mixer/settler/neutralisation chamber,dosing pump and agitator ,holding tank,including multigrade filter stand by motor pump,blower etc. pumps and piping,filter,sludge holding tank,filter press,testing kit,electrical panel,air blower,RCC Equilisation tank/holding tank.Treated water transfer pump and sump of suitable cmp and</p>		<p>Providing and fixing packaged type Effluent treatment plant including design/shop drawing and obtain the approval from HSCC including erection,commissioning,construction of ETP including civil, mechanical, electrical, piping work complete in all respect on turnkey basis.The system should be fully automatic with level control, compact, odour free and shall consume low power. ETP will be placed near STP site of the building of suitable size for <b>20 KLD</b> required to treat the effluent of lab, laundry, kitchen and hospital facilities by using suitable technology complete in all respect including oil and grease trap/ chemical reaction with suitable chemical dosing such as Fentons reagent or any other suitable for effluent /mixer /settler/ neutralisation chamber, dosing pump and agitator ,holding tank, including multigrade filter stand by motor pump,blower etc. pumps and piping,filter,sludge holding tank,filter press,testing kit,electrical panel,air blower,RCC Equilisation tank/ holding tank.Treated water transfer pump and sump of suitable capacity</p>
	<p>All the unit of ETP shall be MS sheet min. 4/5 mm thickness with suitable structure support complete in all respect including min2-.3 layers approved epoxy / FRP or other approved corrosion resistant coating/protection of all parts.The ETP units shall be designed in such a way that the lab effluent doesnot effect the function of STP when treated lab effluent mixed in the domestic sewer line,treated effluent shall meet the SPCB norms and also obtain adequacy report and treated effluent test report for SPCB. Agency has to maintain and operate the ETP during defect liability period including cost of manpower,chemical etc except electricity cost.Work shall be carried out by specialised agency / authorized Vender of ETP ( <b>Geo Miler &amp; Co, Ion-Exchange, Oxybee, Pollucon Technologies,Thermax,enzotech</b> ) authorized Vender will be required to produce documents in support of their authorization from the specialised agency. The work shall be carried out by trained authored staff of the compa (<b>excluding cost of civil contract</b>. Civil work to be paid seperately under respective civil work itemsr contract. Civil work to be paid seperately under respective civil work items</p>		<p>All the unit of ETP shall be MS sheet min. 4/5 mm thickness with suitable structure support complete in all respect including min 2-.3 layers approved epoxy / FRP or other approved corrosion resistant coating/protection of all parts.The ETP units shall be designed in such a way that the lab effluent doesnot effect the function of STP when treated lab effluent mixed in the domestic sewer line,treated effluent shall meet the SPCB norms and also obtain adequacy report and treated effluent test report for SPCB. Agency has to maintain and operate the ETP during defect liability period including cost of manpower,chemical etc except electricity cost. Work shall be carried out by specialised agency / authorized Vender of ETP. Authorized Vender will be required to produce documents in support of their authorization from the specialised agency. The work shall be carried out by trained authored staff of the company (<b>excluding cost of civil work</b>) Note: The quoted rate to include defect liability of three years as per contract. Civil work to be paid seperately under respective civil work items</p>
	<b>Subtotal (Effluent Treatment Plant)</b>		<b>Subtotal (Effluent Treatment Plant)</b>
	<b>Note: All other terms and conditions remain unchanged</b>		