



**WEST BENGAL MEDICAL SERVICES CORPORATION LTD.**  
(Wholly owned by the Government of West Bengal)  
**Swasthya Sathi, GN-29, Sector-V, Salt Lake, Kolkata-700 091.**

**CORRIGENDUM – II**  
**TO**  
**BIDDING DOCUMENTS**

**FOR**

**Planning, Design and Construction of Mother and Child Hub at Rampurhat Government Medical College & Hospital in the State of West Bengal on Turnkey Basis**

**Bid Reference No.: WBMSCL/NIT- 388/2022**

**Dated – 30.08.2022**

Sl. No.	Page No.	Section	Clause/ Sl. No.	Current Clause / Provision	Changed Clause / Provision
1	7	Section-1	8(iii)(b) Para 2	N.B. – After N.B.(4), the following clause has been added.	“(4A) In case the eligible project executed by the bidder as mentioned at (b) above, does not include any of the interdisciplinary services such as public health, internal and external electrification, fire-fighting, air conditioning & mechanical ventilation system, STP, external development works, substation, interior works, bidder should submit experience of executing such services under any other contracts separately executed in India”
2	7	Section-1	8.(c)	Minimum Average Annual Turnover of Rs. 15.50 Crore during last 3 (Three) financial years (i.e. 2018-2019, 2019-2020 and 2020-2021), duly certified by the Chartered Accountant with UDIN no.	<p>Minimum Average Annual Turnover of Rs. 15.50 Crore during last 3 (Three) financial years (i.e. 2018-2019, 2019-2020 and 2020-2021), duly certified by the Chartered Accountant with UDIN no.</p> <p><b>OR,</b></p> <p>The bidder shall have an Assessed Available Bid Capacity equal to or more than Rs. 15.50 Crores. The Available Bid Capacity will be calculated as per formula given below:</p> $\text{Assessed Available Bid Capacity} = (A * N * 2.0 - B),$ <p>Where,</p> <p>N= Number of years prescribed for completion of work for which bid is invited.</p> <p>A= Maximum value in respect of engineering similar works executed in any 1 (one) year during the last 5 (five) years (updated to the price level of the year indicated in table below under note) taking into account the completed as well as works in progress.</p> <p>B= Value (updated to the price level of the year indicated in table below under note) of existing commitments, works for which Commencement Date has been declared or ongoing works to be completed during the period of completion of the works for which bid is invited. For sake of clarification, it is mentioned that the works for which LOA has been issued but</p>

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					<p>Commencement Date not declared as on Bid Due Date shall not be considered while calculating value of B. The factor for the year for updation to the price level is indicated as under:</p> <table border="1"> <thead> <tr> <th colspan="6">The updation factors to update Turnover and/or “B” value for Bid Capacity</th></tr> <tr> <th>Year</th><th>Year-1 (2020-2021)</th><th>Year-2 (2019-2020)</th><th>Year-3 (2018-2019)</th><th>Year-4 (2017-2018)</th><th>Year-5 (2016-2017)</th></tr> </thead> <tbody> <tr> <td>Updation factor</td><td>1.00</td><td>1.05</td><td>1.10</td><td>1.15</td><td>1.20</td></tr> </tbody> </table> <p>Participation in the form of joint venture/consortium / special purpose vehicle will not be allowed. The bidder is presently not presently barred/blacklisted by any department, authority or body corporate under the Government of India or any State Government. The other eligibility criteria are described in Clause 1 of Section- 3 (Evaluation and Qualification Criteria), has to be fulfilled.</p> <p>The Bid capacity will be duly certified by the Chartered Accountant with UDIN no.</p>	The updation factors to update Turnover and/or “B” value for Bid Capacity						Year	Year-1 (2020-2021)	Year-2 (2019-2020)	Year-3 (2018-2019)	Year-4 (2017-2018)	Year-5 (2016-2017)	Updation factor	1.00	1.05	1.10	1.15	1.20
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3	25	Section-2	4.1.(b) Para 2	N.B. – After N.B.(4), the following clause has been added.	“(4A) In case the eligible project executed by the bidder as mentioned at (b) above, does not include any of the interdisciplinary services such as public health, internal and external electrification, fire-fighting, air conditioning & mechanical ventilation system, STP, external development works, substation, interior																		

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4	25	Section-2	4.1.(c)	Minimum Average Annual Turnover of Rs. 15.50 Crore during last 3 (Three) financial years (i.e. 2018-2019, 2019-2020 and 2020-2021), duly certified by the Chartered Accountant with UDIN no.	<p>Minimum Average Annual Turnover of Rs. 15.50 Crore during last 3 (Three) financial years (i.e. 2018-2019, 2019-2020 and 2020-2021), duly certified by the Chartered Accountant with UDIN no.</p> <p><b>OR,</b></p> <p>The bidder shall have an Assessed Available Bid Capacity equal to or more than Rs. 15.50 Crores. The Available Bid Capacity will be calculated as per formula given below:</p> $\text{Assessed Available Bid Capacity} = (A * N * 2.0 - B),$ <p>Where,</p> <p>N= Number of years prescribed for completion of work for which bid is invited.</p> <p>A= Maximum value in respect of engineering similar works executed in any 1 (one) year during the last 5 (five) years (updated to the price level of the year indicated in table below under note) taking into account the completed as well as works in progress.</p> <p>B= Value (updated to the price level of the year indicated in table below under note) of existing commitments, works for which Commencement Date has been declared or ongoing works to be completed during the period of completion of the works for which bid is invited. For sake of clarification, it is mentioned that the works for which LOA has been issued but Commencement Date not declared as on Bid Due Date shall not be considered while calculating value of B.</p> <p>The factor for the year for updation to the price level is indicated as under:</p>

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5	112-116	Section-5.3	A	Critical Care Block (CCB)	Mother & Child Hub												
6	132	Section-5.4	4.B.1.	Detailed design engineering including architectural design, structural designs & drawings along with complete services of electrical, mechanical, bio-medical etc. – viz; DG set, UPS, Vertical transportation	Detailed design engineering including architectural design, structural designs & drawings along with complete services of electrical, mechanical, bio-medical etc. – viz; DG set, UPS, Vertical transportation 23 System, water supply, sanitary &												

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				23 System, water supply, sanitary & plumbing, fire detection, fire alarm & fire fighting, HVAC, networking (IT & Telephone), PA, Common Antenna TV system, Video conference system, AV System, drainage, waste management system, sewage treatment plant, electrical sub-station, landscaping, parking etc. in accordance with detailed Plan & Design approved by EMPLOYER and in accordance with functional requirement of Critical Care Block(CCB).	plumbing, fire detection, fire alarm & fire fighting, HVAC, networking (IT & Telephone), PA, Common Antenna TV system, Video conference system, AV System, drainage, waste management system, sewage treatment plant, electrical sub-station <b>connection</b> , landscaping, parking etc. in accordance with detailed Plan & Design approved by EMPLOYER and in accordance with functional requirement of Critical Care Block(CCB).
7	135	Section-5.4	4. xv. Para 2	Floor to Floor height of Critical Care Block(CCB) building of all Floors <b>including stilt floor</b> to be mentioned, 1. Ground Floor- 4.00 M 2. Other Floors - 3.50 M	Floor to Floor height of Critical Care Block(CCB) building of all Floors to be mentioned, 1. Ground Floor- 4.00 M 2. Other Floors - 3.50 M 3. <b>Plinth Height- 1.00 M from the Campus Road level</b>
8	177	Section-5.5	I. LOAD CALCULATION INCLUDING LOADS OF MEDICAL EQUIPMENT FOR PREPARATION OF SUBSTATION DESIGN:	a. Calculating electrical loads of all items such as luminaries ,fans ,compound lights, lifts, HVAC, water supply system etc. and medical equipments if required and detailed design of substation incl. Transformer H.T & L.T gear, L.T panel Earthing etc. and details drawing showing actual position of different items earth pits etc. in the drawings. Load calculations of Mother and Child Hub and other service areas are incorporated in this concept design of Substation according to the approved area of <b>Critical Care Block (CCB).</b>	a. Calculating electrical loads of all items such as luminaries ,fans ,compound lights, lifts, HVAC, water supply system etc. and medical equipments if required and detailed design of substation incl. Transformer H.T & L.T gear, L.T panel Earthing etc. and details drawing showing actual position of different items earth pits etc. in the drawings. Load calculations of Mother and Child Hub and other service areas are incorporated in this concept design of Substation according to the approved area of <b>Mother and Child Hub.</b>
9	178	Section-5.5	II. ELECTRICAL SCHEMES: A.	<u>The following equipments shall be accommodating for providing power to <b>Critical</b></u>	<u>The following equipments shall be accommodating for providing power to <b>Mother and Child Hub</b> and related facility:</u>

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			POWER DISTRIBUTION SCHEME:	<p><b>Care Building</b> and related facility:</p> <p>1) The Main power supply shall be taken from the existing substation of Medical College or Super specialty building and should be drawing through RCC Trench with removable type RCC cover.</p> <p>2) Necessary medication and arrangements at Supply end panel shall be under the scope of Bidder/Agency.</p> <p>3) Minimum 2 (two) nos. DG as per required capacity in KVA for each near main building DG set with auxiliaries for supply of emergency power in case of main power failure.</p> <p>4) Battery and charger for DG sets and UPS power for HT Panel control and protection circuit.</p> <p>5) APFC Panel as per IE Rule.</p> <p>6) Main L.T. Panel for catering Main power and Emergency Power to different areas of the building.</p> <p>7) Dedicated UPS system of requisite capacity with 60 min. backup time to cater backup power for Light Load, Critical Control and Circuit Load, ICU, SNCU, HDU, NICU, PICU, Operation Theatre (OT) and other critical areas.</p> <p>8) Dedicated UPS system of requisite capacity with 60 min. backup time to cater backup power for HT and LT Panel metering and control circuit power.</p> <p>9) Dedicated Ventilation system with timer control at group toilets and personal toilets. The Transformers shall be protected on the HT side of the consumer,</p>	<p>1) The Main power supply shall be taken from the existing substation of Medical College or Super specialty building and should be drawing through RCC Trench with removable type RCC cover.</p> <p>2) Necessary medication and arrangements at Supply end panel shall be under the scope of Bidder/Agency.</p> <p>3) Minimum 2 (two) nos. DG as per required capacity in KVA for each near main building DG set with auxiliaries for supply of emergency power in case of main power failure.</p> <p>4) Battery and charger for DG sets and UPS power for HT Panel control and protection circuit.</p> <p>5) APFC Panel as per IE Rule.</p> <p>6) Main L.T. Panel for catering Main power and Emergency Power to different areas of the building.</p> <p>7) Dedicated UPS system of requisite capacity with 60 min. backup time to cater backup power for Light Load, Critical Control and Circuit Load, ICU, SNCU, HDU, NICU, PICU, Operation Theatre (OT) and other critical areas.</p> <p>8) Dedicated UPS system of requisite capacity with 60 min. backup time to cater backup power for HT and LT Panel metering and control circuit power.</p> <p>9) Dedicated Ventilation system with timer control at group toilets and personal toilets. The Transformers shall be protected on the HT side of the consumer, by 11 KV Circuit Breakers i.e. VCB (Vacuum Circuit Breaker) with necessary metering and protection.</p>

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				by 11 KV Circuit Breakers i.e. VCB (Vacuum Circuit Breaker) with necessary metering and protection.	
10	179	Section-5.5	SWITCHES AND SOCKETS:	All switches and sockets shall be Modular type to facilitate compatibility of the modern trends. Industrial socket will also be provided where required. Proposed minimum nos. of Electrical small power socket requirements for <b>Critical Care Block (CCB)</b> . The nos. of switches and sockets may be changed as per employers' requirement.	All switches and sockets shall be Modular type to facilitate compatibility of the modern trends. Industrial socket will also be provided where required. Proposed minimum nos. of Electrical small power socket requirements for <b>Mother and Child Hub</b> . The nos. of switches and sockets may be changed as per employers' requirement.
11	180	Section-5.5	III. DETAILED ELECTRICAL AND MECHANICAL ENGINEERING SERVICES: b) SCOPE	This specification defines the basic guidelines to develop a suitable electrical system as necessary for the Critical Care Block (CCB). All data required in this regard shall be taken into consideration to develop a detailed engineering of the system.	This specification defines the basic guidelines to develop a suitable electrical system as necessary for the <b>Mother and Child Hub</b> . All data required in this regard shall be taken into consideration to develop a detailed engineering of the system.
12	250	Section-5.5	PART C: APPROVED MAKE: C.2: TABLE: List of Approved List:	3.2 Air Circuit Breaker (ACB)	Schneider / L&T / Siemens/ ABB / Legrand / C&S/ <b>Havells</b>
13	250	Section-5.5	PART C: APPROVED MAKE:	3.3 Moulded Case Circuit Breaker (MCCB)	Schneider / L&T / Siemens/ ABB / Legrand / C&S/ <b>Havells</b>
14	250	Section-5.5	C.2: TABLE: List of Approved List:	3.4 Motor Protection Circuit Breaker (MPCB)	Schneider / L&T / Siemens/ ABB / Legrand / <b>Havells</b>

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15	251	Section-5.5	PART C: APPROVED MAKE:	6.3 Distribution Board	L&T / Siemens / Schneider / Legrand/ C&S/ Havells
16	252	Section-5.5	C.2: TABLE: List of Approved List:	13.2. Scroll / Screw Chilling Machine	Blue Star/ Carrier / Daikin / Hitachi / Mitsubishi / Kirloskar
17	347- 352	Section-5.7		% of Project Cost for Critical Care Block(CCB)	% of Project Cost for Mother & Child Hub

Sd/-  
General Manager, WBMSCL