

M/s HLL Lifecare Ltd.
(A Government of India Enterprise)
On Behalf of
Regional Institute of Paramedical & Nursing Sciences, Aizawl, Mizoram
(Ministry of Health & Family Welfare, Government of India)

HLL/IDN/10C/RIPANS-Aizawl/2019

24.09.2019

AMENDMENT-02

Name and Description of work: Design, Engineering, Procurement and Construction (EPC) of Up-Gradation and Development of Regional Institute of Paramedical & Nursing Sciences, Aizawl

Ref: Tender No. HLL /RIPANS-Aizawl/2019

The Amendment / clarifications shall be treated as part of e-tender to be uploaded online duly signed and stamped along with e-tender.

A. Amendment to existing e-tender Clause:

Sl. No	Reference to Tender	Existing Clause	Amended Clause/Additional Specifications
1.	Vol-5, Technical Specifications, Chapter-B, Technical Specifications-Civil Works Clause 12.3 (c) (page no. 53)	c. 15mm Tegular /integral densified micro edged Light weight calcium silicate false ceiling tiles	c. 15mm thick Tegular/integral densified micro edged light weight calcium silicate false ceiling tiles i. Material 15mm thick integral densified micro edged light weight calcium silicate false ceiling tiles with integral densified calcium silicate reinforced with fibre and natural filler false ceiling tiles of Size 595x595 mm of approved texture, design and patterns having NRC (Noise Reduction coefficient) of 0.50 (minimum) as per IS 8225:1987, Light reflectance of 85% (minimum). Noncombustible as per BS: 476 (part-4), fire performance as per BS:476 (part 6 &7), humidity resistance of 100%, thermal conductivity <0.043 W/mK as per ASTM 518:1991.The tests shall have average density of 370 kg/m ³ (minimum) as per ECBC code

Sl. No	Reference to Tender	Existing Clause	Amended Clause/Additional Specifications
			<p>2007. The tile shall be primer coated on both sides and the fair surface shall be having a factory finish in two coats of white dispersion type solvent free paint.</p> <p>ii. Frame</p> <p>The frame work shall consist of G.I. ' T ' Sections of 25 micron hot dipped galvanised iron section of 0.40mm thick on Silhouette profile, rotary stitched double webbed white with 6mm reveal profile (white/black) comprising of Main runners 15x42x3000mm length, Cross runners of 15x42x1200mm & 15x42x600mm size to form grid module of size 600x600mm. Galvanised iron perimeter wall angle of size 22x19x0.4mm of length 3000mm to be fixed on periphery wall/partition with the help of plastic rawl plugs at 450mm C/C and 40mm long dry wall SS screws. The work shall be carried out as per specifications, drawing and as per direction of Engineer-in-Charge.</p> <p>iii. Fixing of Ceiling Tiles</p> <p>The frame work shall be suspended from ceiling by L shape level adjuster hangers made of G.I. Of size 85x25x25x2mm having die cut slit for sliding into main T section, also having precut hole so that 6mm fully threaded MS rod length upto 1000mm goes through it and pierces into M6 dash fasteners (Galvanising of 80 gsm minimum) of 6 mm dia 50mm long, fixed to the slab and then tightened with check nuts, subsequently the bottom of 6 mm rod will be tightened with check nuts for adjusting the line & level. The tile shall be laid on 15x42mm wide T section flanges colour white having rotary stitching on all T sections i.e. the main runner, 1200mm & 600mm cross Tees with a web height of 42 mm and load carrying capacity of 7.57Kgs/m2.</p>

Sl. No	Reference to Tender	Existing Clause	Amended Clause/Additional Specifications
2.	Vol-5, Technical Specifications, (Page no 54)	Chapter-B, Technical Specifications-Civil Works	<p>The following Specification added in Chapter-B, Technical Specifications-Civil Works</p> <p>12.6 Aluminum Seamless Ceiling System</p> <p>i. Material</p> <p>Metal ceiling panel shall be of Corrosion resistant Aluminum Magnesium metal alloy AA 5050/3105 sheets of thickness (0.6mm). Tiles are to be Electro statically polyester powder coated of thickness 60 microns (minimum), and to be coated in factory after bending and perforation all complete. Aluminum clip in Ceiling System shall be of 595x595 mm module</p> <p>It should conform to ASTM B 209 – “Standard Specification for Aluminum and Aluminum Alloy Sheet and Plate”. Metal ceiling system components to be used shall be from a single manufacturer to provide consistent quality in appearance and physical properties.</p> <p>ii. Frame & Fixing of Tiles</p> <p><u>Carrier:</u> The carrier on which the panels shall be clipped on to wall be 62mm wide, 29mm deep, made of black stove enameled 0.95mm thick aluminum alloy AA5050. When two or more carriers are to be joined, they shall be joined together by means of splices, which will clip on to holes provided for the same.</p> <p><u>Wall Trim:</u> The wall trim shall be having L-profile of size (29.2mm wide x 19.4mm deep x 0.5mm thick) or as specified of Aluminum Alloy AA5050 of length upto 5 m.</p> <p><u>Rod Hanger:</u> The rod hanger of suitable length shall be made of 4mm</p>

Sl. No	Reference to Tender	Existing Clause	Amended Clause/Additional Specifications
			<p>dia. galvanised steel (Zinc coating 120 gms/Sqm.)</p> <p><u>Suspension Clip</u>: The adjustment suspension clip shall be made of galvanised spring steel V shaped with two holes to accommodate the rod hanger.</p> <p><u>Anchor Fasteners</u>: The single piece sleeve anchor with assembled hanger taper bolt and nut which has smaller driller dia. Anchor fastener shall be of approved make.</p> <p><u>Suspension System</u> : The carriers would be suspended from the roof by 4mm dia galvanised (Zinc coating 120gms/Sqm.) steel wire rod hangers with height adjustment springs out of galvanised spring steel. Hangers shall be fixed to roof by 'J' hooks and Anchor Fasteners The work shall be carried out as per manufacturer specifications and as per direction of Engineer-in-Charge.</p> <p>Necessary openings for light fittings, grills, diffusers, cut outs, and necessary hardware etc. to be provided as per requirement.</p>
3.	Vol-4, DBR, A. General, Clause 5.8 (Page no. 9)	<p>5.8 Staff/ Nurse Quarters It is proposed to construct 18 units of Residential accommodation for Staff /Nurses of various categories.</p>	<p>5.8 Staff/ Nurse Quarters It is proposed to construct 18 units of Residential accommodation (Type-III Quarters as per Ministry of Urban Development (MoUD) Norms) for Staff /Nurses of various categories.</p>
4.	Vol-6, Tender Drawings	Tender Drawings	Additional Tender Drawings as per List given in the Annexure-I are attached. These drawings are in addition to the drawing already uploaded earlier and shall be treated as part of Vol-6, Tender Drawings.

Sl. No	Reference to Tender	Existing Clause	Amended Clause/Additional Specifications
5.	Vol-6, Tender Drawings	Tender Drawings	Revised Tender Drawings as per List given in the Annexure-II are attached. These drawings supersedes the corresponding drawings already uploaded earlier and shall be treated as part of Vol-6, Tender Drawings.

B. Clarifications to Bidders' Queries:

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
1.	Vol.2 General Conditions of Contract, Cl-10C, 10CA, 10CC, Pg--29	ESCALATIONS - No escalation shall be applicable	Since the project completion period is 24 Month, we request you kindly consider escalation as per CPWD norms, for projects with completion time beyond 12 Months.	Terms and conditions of e-tender prevail.
2.	Vol.3 Specific Conditions of Contract, Cl-3.12, Pg-38	Temporary Barricading: The Contractor shall at his own expense, erect and maintain in good condition temporary barricades.....	We request you to provide the detailed drawing and specification of Temporary barricade.	The drawing and specifications of barricading shall be prepared by the EPC Contractor as per requirement at site and shall be got approved from Engineer-in-charge. Other Terms and conditions of e-tender prevail.

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
3.	Vol. 4 Design Basis Report Page 13 Cl. B	B. DURING CONSTRUCTION -1. Replantation/ Plantation to be done as per GRIHA V2015	We request you for relaxing the clause because plantation during construction is not feasible. The same should be planned after completion of construction work.	The plantation to be done within overall completion of works. Terms and conditions of e-tender prevail.
4.	Vol. 4 Design Basis Report Page 34 Cl. 11	Door & Windows	From Design Basis Report, we understand that the hardware and door fittings shall be as follows: 1. For Wooden Door & Windows - SS 2. For Aluminum Door & Windows- Aluminum 3. For MS Door – Powder coated MS except Fire Door. Although Fire door will be MS but the fitting is SS 304. We request for your confirmation.	Terms and conditions of e-tender prevail.
5.	Vol. 4 Design Basis Report Page 34 Cl. 11. d	Rolling Shutter (Powder Coated)	The specification of Rolling shutter is not available in Design Basis Report and Technical specification. We request for providing the detailed specification for the item.	The Rolling shutters shall be provided as specified in attached additional tender drawing no. RIPANS-HLL-ARC-DET-1040 and shall be in conformance to latest CPWD Specifications. Terms and conditions of e-tender prevail.
6.	Vol. 4 Design Basis Report	Fire Check Doors and Partition	From Design Basis Report, we understand that except Auditorium,	Refer Vol-4, DBR and Vol-5, Technical

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
	Page 35 Cl. 11. e		all Fire Door frames and shutters would be made of MS and for Auditorium those would be Wooden. The Total hardware would be SS304 satin. We request for your confirmation.	Specifications for Fire Check Doors/ Partitions / Hardware's. Terms and conditions of e-tender prevail.
7.	Vol. 4 Design Basis Report Page 35 Cl. 11. g	Hermetically Sealed Sliding-Lead lined Door	Drawing for Lead lined door is not available along with Tender documents. We request you for providing the drawings for the same.	Refer Tender Drawing no. RIPANS-HLL-ARC-DET-1037 attached as Additional Tender Drawings. Terms and conditions of e-tender prevail.
8.	Vol. 4 Design Basis Report Page 38 Cl. 16	16. Roofing: i. The roofing in the auditorium shall have roofing with sandwich puff panels of approved make and supported on MS structural roofing truss system designed and as per tender drawing / technical specifications. The roofing shall be provided with proper water proofing treatment, as per requirement.	We could not find any drawing for MS structural roofing truss system. We request you for providing drawing for MS structural Roofing system.	Roofing shall be designed with composite steel structure with the trusses and Purlins system and structural design shall be done by the EPC Contractor and Proof checked/vetted by the approved Institute. Refer Vol-4, B. Design Basis Report-Civil Structures. Terms and conditions of e-tender prevail.
9.	Vol. 4 Design Basis Report	17 Paneling	We could not find any drawing for wall paneling.	Refer Tender Drawing no. RIPANS-HLL-ARC-

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
	Page 38 Cl. 17	The paneling shall be as per finishing schedule / tender drawings.	We request you for providing drawing for Wall paneling.	DET-1034, RIPANS-HLL-ARC-DET-1035 and RIPANS-HLL-ARC-DET-1036 attached as Additional Tender Drawings. Terms and conditions of e-tender prevail.
10.	Vol. 4 Design Basis Report Page 39 Cl. 18	18 Water Proofing Treatment i. All items for water proofing treatment for Roof Slab, sunken portion, Basement, Water Tanks shall be guaranteed for TEN YEARS , to be reckoned from the date of expiring of the Defect Liability period prescribed in the contract.	We request you to consider the guarantee period for the said items from the date of completion of work, instead of from the date of expiring of DLP.	Terms and conditions of e-tender prevail.
11.	Vol. 4 Design Basis Report Page 39 Cl. 19	19 Crash /Stretcher Guards & Corner Guard Crash Guards (wall guards) and Corner Guards etc. shall be provided as per tender drawings, finishing schedule in corridors, lobbies etc. in Hospital Block having vinyl snap on cover (lead free) --- ----- The system shall also confirm to class A fire rating and ASTM D-543 for chemical and stain resistance. The color and design shall be as per Engineer in-charge.	We could not find any drawing for Crash /Stretcher Guards & Corner Guard. We request you for providing drawing for Crash /Stretcher Guards & Corner Guard.	Refer Drawing.no-RIPANS-HLL-ARC-DET-1010 "Typical Detail" given in Vol-6, Tender Drawings. Terms and conditions of e-tender prevail.
12.	Vol. 4 Design Basis Report Page 40 Cl. 22	Roadwork: Total road lay out including existing roads have been shown in proposed layout drawing.	We request you to kindly provide segregated layout of proposed road.	Refer Tender Drawing no. RIPANS-HLL-OVL-ARC-PLN-1003 attached

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
				as Additional Tender Drawings. Terms and conditions of e-tender prevail.
13.	Vol. 4 Design Basis Report , Page No. 97 , Cl. 4.b	<u>Scope of EPC Contractor :</u> Scope of work for EPC Contractor shall commence from Two-Pole structure (to be provided adjacent to each proposed substation at a designated point by Power & Electricity Department, Govt. of Mizoram) for tapping 0.433 KV LT power for onward distribution to the respective buildings.	We understand that the SITC of Two Pole Structure is not within the present scope of the work. Present scope will start from tapping 0.433 KV LT power for onward distribution to the respective buildings.	Terms and conditions of e-tender prevail.
14.	Vol. 4 Design Basis Report , Page No. 173 , Annexure - I	Tentative List of Medical Equipment	We understand that the scope of supply, installation of Medical Equipment is not included in this tender & the list has been given for keeping power provision only. Your confirmation is solicited. Kindly share the details of area wise power requirement for individual equipment.	Medical Equipment except MGPS is not included in this tender. Being EPC tender, power, Earthing, water supply & drainage as requirements for individual equipment, as required, shall be assessed by the EPC Contractor and power provision shall be done accordingly. Terms and conditions of e-tender prevail.
15.	Vol.4. Schedule of finishes	Ceiling Schedule – Sl No. 6 CG - AMT- Aluminum Metal Seam tiles 600x600 grid	We request you for providing the detail specification of Aluminum metal seam tiles.	Refer Specifications given at Sl. No. 2 of Part-A of this Amendment 02.

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
16.	Vol. 5. Technical Specification Page 8 Cl. 4.3	4.3 Cement i. The contractor shall procure 43 grade Ordinary Portland cement conforming to IS 8112 / Portland Pozzolana Cement conforming to IS 1489 (Part I)	We understand that OPC and PPC can be used for Structure work & for Non-Structural works PPC shall be used. Kindly confirm.	Terms and conditions of e-tender prevail.
17.	Vol. 5. Technical Specification Page 50 Cl. No. 11.4	Epoxy Flooring	Thickness of epoxy flooring has not been mentioned. We request you for providing the thickness of epoxy flooring.	Thickness of epoxy flooring shall be 4mm. Terms and conditions of e-tender prevail.
18.	Vol. 5. Technical Specification Page 53 Cl. No. 12.3 c	15mm Tegular/integral densified micro edged Light weight calcium silicate false ceiling tiles	We request you to provide details (Materials, Frame and fixing details) of 15mm Tegular/integral densified micro edged Light weight calcium silicate false ceiling.	Refer Specifications given at Sl. No. 1 of Part-A of this Amendment 02.
19.	Vol. 5. Technical Specification Page 73 Cl. 23.	Modular Kitchen	Kindly provide the drawings and Approved Makes of Modular Kitchen.	EPC Contractor has to prepare Shop Drawing for modular kitchen based on Specifications given under clause no.23 of Vol-5, Technical specification (page no.73). Makes of different items of Modular Kitchen are given in the "List of Approved Makes of Materials-Civil & Plumbing" given in

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
				Vol-5, Technical Specifications. Terms and conditions of e-tender prevail.
20.	Vol. 5. Technical Specification Page 77 Cl. 2.	2. Plumbing Fixtures iii. All sanitary fixtures, CP Fittings and CP/SS accessories shall be as per manufacturers 'standards / CPWD Specifications.	As the prices of plumbing fixtures may vary from Manufacturer to Manufacturer. We request for providing the desired Model No. of all sanitary fixtures, CP Fittings and CP/SS accessories for bringing all the bidders on a common platform.	Term and conditions of e-tender prevail.
21.	Vol. 5. Technical Specification Page 83 Cl. 4.4	i. CPVC pipes shall be used in the internal concealed water supply if specified in the contract. The CPVC pipes shall be ----- These may require to be connected to the existing/ new GI pipes.	We request for providing existing pipe network of external areas for better execution planning.	Terms and conditions of e-tender prevail. The Bidders are advised to visit and examine the Site of works and its surroundings at his/their cost and get/obtain at his/their own responsibility, required information, as applicable for preparing the Bid
22.	Vol. 5. Technical Specification Page 100 Sl No.-80	Reinforcement Steel / Structural Steel : Approved make List: SAIL/ RINL/ TATA Steel Ltd./ Jindal Steel & Power Ltd./ JSW Steel Ltd./ Shyam Steel Industries Limited	We request you to consider M/s Adhunik in the list of approved manufacturers of Reinforcement steel for better availability.	Terms and conditions of e-tender prevails

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
23.	Vol. 5. Technical Specification Page 101 SI No.-108	Expansion Joint :-Approved make List: Sanfield (India) Ltd., MIGUA, TRISTAR Limited	We request you to add M/s Z-tech in the list of approved makes of Expansion Joint. This agency is approved in CPWD & with other government clients and executing job in North East.	Terms and conditions of e-tender prevails
24.	Vol.5 Technical Specification , Page no. 159 , CI No. 21.5	Wiring - Type of Conduits	We understand that conduits of following types would be used : i) Point Wiring : MMS PVC Conduit ii) Circuit Main / Sub Main Wiring : Medium duty MS Conduit iii) Socket Points : Medium duty MS Conduit Kindly confirm	Terms and conditions of e-tender prevails
25.	Vol.5 Technical Specification , Page no. 170 , CI No. 24.2 & Vol. 6 , Tender Drawings , Drg No. RIPANS-HLL-OVL-ELE-PLN-1004	General Specification for High Mast External Site Plan / Street Light Layout	Although the general specification for High Mast is available in Volume 5 i.e. Technical Specification, but requirement of the same is not revealed in drawing or Design Basis Report. Thus, we understand that High Mast would not be required for External Lighting. Kindly Confirm.	High Mast Lighting has not been envisaged for external illumination. Terms and conditions of e-tender prevail.

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
26.	Vol.5 Technical Specification , Page No. 186	Façade & Flood Lighting: Façade illumination shall be achieved by providing LED based flood lights, outdoor type light fittings (IP-66) with impactful and bright lighting effects in wide area	Although General Specification for Façade Lighting is available in Volume 5 (Technical Specification) but the requirement of Façade Lighting is not revealed as per Design Basis Report or Drawings. Thus we understand that the same would not be part of this job. Kindly confirm	Facade Lighting has not been envisaged for external illumination. Terms and conditions of e-tender prevail.
27.	Vol.5 Technical Specification , Page No. 278	Access Control System & Boom Barrier	Kindly confirm whether Boom Barriers are within the present scope of work or not. If yes, please provide the detailed technical specification and area of requirement for the same.	Boom Barrier has not been envisaged in the project. Terms and conditions of e-tender prevail.
28.	Vol.5 Technical Specification , Page No. 581	Solar Water Heating System	Kindly provide the drawing with required capacity of Solar Water Heating System for this project.	Being EPC tender, design of Solar Water Heating System shall be carried out by the EPC Contractor. Terms and conditions of e-tender prevail.
29.	Vol.5 Technical Specification , Page No. 606 , point no. 82	Makes for Street Light Poles & Light Fixtures – Solar & Conventional : Philips/ Wipro/ Havells/ Bajaj/ Keselac Schreder	Please include M/s Transrail & M/s Utkarsh in the list of approved makes of Light Poles.	Terms and conditions of e-tender prevail.

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
30.	Vol. 6, Tender Drawings.	Single Line Diagram for different areas	Please provide the detailed specification with Amp ratings for the circuit breakers and other electrical components indicated in the SLD-s.	Being EPC tender, design of electrical power distribution system shall be carried out by the EPC Contractor. Terms and conditions of e-tender prevail.
31.	General	Required Electrical Amenities for Academic & Hospital	Kindly provide the required Electrical Amenities for Academic & Hospital area	Being EPC tender, design of electrical power distribution system for all proposed buildings/blocks including Academic & Hospital shall be carried out by the EPC Contractor. Terms and conditions of e-tender prevail.
32.	General	Auto Cad Drawing	Kindly provide the AutoCAD Drawings for Civil, Structural & MEP Services.	Refer Clause 1.8 (i) of Vol-1, NIT & ITB. Terms and conditions of e-tender prevails
33.	Typical Drawings	DRG.NO. RIPANS-HLL-ARC-DET-1024	Detail dimension of Lead lined door and Hermitically sliding door at OT & X-RAY rooms are not available in the tender drawings. We request you to provide the same.	Refer Tender Drawing no. RIPANS-HLL-ARC-DET-1038 attached as Additional Tender Drawings. Terms and conditions of e-tender prevail.
34.	Hospital Block civil drawing	DRG.NO. RIPANS-HLL-B01-ARC-PLN-1104 Level-02	Plan of Service Block is not available in the drawings	Refer Drawing. no-RIPANS-HLL-B-01-ARC-PLN-1104 (R1) attached

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
			We request to provide the same.	as Revised Tender Drawings. Terms and conditions of e-tender prevail.
35.	Hospital Block civil drawing	DRG.NO. RIPANS-HLL-B01-ARC-ELV-1109	Front side elevation, Rear side elevation and Right side elevations are available in the tender drawing but left side elevation is not available. We request to provide the same.	Refer Drawing. no-RIPANS-HLL-B-01-ARC-ELV-1109 (R1) attached as Revised Tender Drawings. Terms and conditions of e-tender prevail.
36.	MS apartment Civil Drawing	DRG. No. RIPANS-HLL-B06-ARC-ELV-1602	Clay tiles have been shown on the roof of the building but technical specification for same is not available in the tender documents. Kindly verify & provide the same.	20 mm thick Pressed Clay Tiles of approved size as per IS 654 are to be provided and laid. Terms and conditions of e-tender prevail.
37.	Typical Fencing Details	DRG. No. RIPANS-HLL-B06-ARC-DET-1009	The fencing details have been shown in the tender drawing but location for fencing has not been found in site plan and DPR. We request you to verify the same.	Refer Tender Drawing no. RIPANS-HLL-OVL-ARC-PLN-1003 attached as Additional Tender Drawings. Terms and conditions of e-tender prevail.
38.	Civil drawings	DOOR & WINDOW SCHEDULE	Details of door frame and shutter of Hospital Block, Resident Doctor's Apartment and Guest House is not available in the drawings. However, for other buildings it has clearly shown in the tabular form.	Refer Tender Drawing no. RIPANS-HLL-B01-ARC-PLN-1103(R1), 1104(R1), 1105(R1), 1106(R1), 1107(R1) & 1108(R1). Drawing no.

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
			We request you for providing the same.	RIPANS-HLL-B05-ARC-PLN-1501(R1), 1502(R1), 1503 (R1) & 1504(R1). Drawing no. RIPANS-HLL-B07-ARC-PLN-1701(R1) attached as Revised Tender Drawings. Terms and conditions of e-tender prevail.
39.	External site plan/ Street Light Layout	DRG. No. RIPANS-HLL-OVL-ELE-PLN-1004	Kindly confirm weather the pole for Post Top Lantern type fittings would be Octagonal Type or Designer Type.	The pole for Post Top Lantern type fittings shall be Octagonal Type. Terms and conditions of e-tender prevail.
40.	Vol. 5 Technical Specification, Page no. 185 to 186, Cl. No. 25 & Vol. 6, Tender Drawings, Drg. No. RIPANS – HLL-OLV-ELE-PLN-1004	General Specification for Solar Street lighting System External Site Plan / Street Light Layout	Although the general specification for Solar Street Lighting System is available, but neither the Drawing nor DBR revealed the requirement of the same. Kindly provide the drawings for Solar Street Lighting provide the drawings for Solar Street Lighting System in case the same is required.	Solar Street Lighting System has not been envisaged for external illumination. Terms and conditions of e-tender prevail.

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
41.	Vol. 5 Technical Specification, Page no. 185 Cl. No. 25.1 Scope of Work Page No. 186, Cl. No. 25.2, Features of Street Light Poles	Solar Panel ModulePCB, SMF Battery with 36 hours back up, Hybrid Charger etc. Battery Backup – 3 days	Two clauses defined different requirements. Kindly verify & Confirm the requirement.	Solar Street Lighting System has not been envisaged for external illumination. Terms and conditions of e-tender prevail.
42.	Vol. 5 Technical Specification, Page no. 574, Technical Specification of STP, Cl. 1.1 b.	Desired Sewage Quality: 3) BOD > 5 Mg/ Lit 4) COD > 10 Mg/ Lit	We request you to consider the desired level of sewage quality as per standards of manufacturers: 3) BOD >1 5 Mg/ Lit 4) COD > 50 Mg/ Lit	EPC Contractor shall provide all requisite Equipment/ Items to achieve the parameters of treated water generated from STP as specified in the tender. Terms and conditions of e-tender prevail.
43.	Vol. 5 Technical Specification, Page no. 574, Technical Specification of STP, Cl. 1.1 c.	Expected treated water characteristics after filtration and softener 4) Turbidity –Nil	As per standard manufacturers, turbidity would be in the range of 5 Mg/ Lit. Please confirm. Also please confirm the total hardness in inlet side.	EPC Contractor shall provide all requisite Equipment/ Items to achieve the parameters of treated water as specified in the tender. EPC Contractor is required to carry out required tests to ascertain various parameters of inlet

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
				<p>sewer water to design the STP.</p> <p>Terms and conditions of e-tender prevail.</p>
44.	Vol. 5 Technical Specification, Page no. 575-580, Technical Specification of Cl. No. 2		<p>We understand that the capacity and quantities of different items/equipment are tentative and the same can be modified as per manufacturer's standard to achieve desired system capacity.</p> <p>Your clarification is solicited.</p>	Terms and conditions of e-tender prevail.
45.	Vol-1, NIT & ITB, Clause 1.4, Eligibility Criteria	<p>"Similar Work" shall mean construction of Non-Residential and Non- Industrial building Project(s) with minimum one work of at least Five Storey building including work of specialised E&M services of Sub-station & HVAC. For this purpose each basement, stilt constructed with the building shall be construed as a storey. Machine room and mumty shall not be counted as a storey. Work of substation and HVAC, if executed under a separate contract by the applicant may also be considered for the purpose of assessing the technical competence only without adding its monetary value for determining the eligibility criteria.</p>	<p>To be reviewed as follows:</p> <p>"Similar work" shall mean construction of any type of building project(s) with minimum one work of at least five Storey building including allied works. Work of substation and HVAC to be done by specialized agency.</p>	Terms and conditions of e-tender prevails

Sl. No	Reference	Tender Provision	Queries/Requests	Reply/Clarifications
46.	Vol-1, NIT & ITB, Clause 1.4, Eligibility Criteria	Clause 1.4 Eligibility Criteria	As our company is very much interested in this project, but the financial turnover of the bidding company for this project is too high. Can it be possible to grant the request of allowing the Joint Venture only to fulfill the category of financial turnover of the bidding company?	Terms and conditions of e-tender prevails

Important Note:

1. All other terms & condition of tender document remains unchanged.
2. Prospective bidders are advised to regularly scan through website of HLL websites www.lifecarehll.com/ e-Procurement System at NIC's (CPP Portal) <https://etenders.gov.in/eprocure/app> for corrigendum/amendments etc., if any, will be notified on this portal only and separate advertisement will not be made for this.

Vice President (ID)
HLL Lifecare Limited,
On Behalf of Director, RIPANS, Aizawl.

END OF AMENDMENT-02
