

## CORRIGENDUM-01

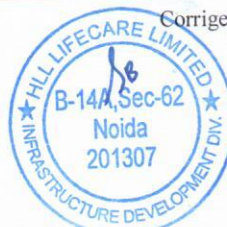
Sub: - Modernization, Up-Gradation & Expansion of Existing Plant Facilities at Indian Medicines Pharmaceutical Corporation Ltd. (IMPCL), Mohan, Distt. Almora, Uttarakhand via Ram Nagar: Package III- HVAC works

Ref: - Tender No: HLL/IDN/IMPCL/2013-14/03/R

Sl. No.	Ref to Tender	Bidder's queries	IMPCL / HLL Clarifications
1			
<b>A - Commercial Clarifications</b>			
1.1	Clause no. 2, Page No. 6 of Vol-II - GCC & SCC (Compensation for Delay)	We request you to accept LD of 0.5% per week subjected to max. of 1%.	Terms & conditions given in the tender remain unchanged.
1.2	Clause no.22, Section-3, Page No. 33 of Vol-II- SCC	We request you to accept following terms & payment- 80% against supply, 10% against installation & 10% against testing and commissioning. Or We request you to release the last 5% of payment against BG as per your terms of payment.	Terms & conditions given in the tender remain unchanged.
1.3	Table – I, Page no. 4 of Vol-I, NIT & ITB Point no. D (Completion period)	We understand that this project needs lot of time for engineering and planning and may not be completed in 5 months. In view of this, we request you to extend the same to 10 months.	Terms & conditions given in the tender remain unchanged.
1.4	Clause – 37, Page no. 42 of Vol-II-GCC & SCC (Levy / Taxes)	Please confirm that service tax is applicable in this contract and also request you that 'Cess' is not applicable on service contractor hence we will not include the same in our offer. Please confirm.	Terms & conditions given in the tender remain unchanged.
<b>B - Technical Clarifications</b>			
1.5	Item no. 1-Part B-Air Distribution System. Page no.25 of Vol-IV-BoQ (Ducting Work)	We understand that ducting with TDF connectors shall be acceptable please confirm	TDF connectors are also acceptable.
1.6	Section-27, Page No.124 of Vol-III- Technical Specifications, (List of Makes)	We request you to accept Blue Star make in water cooler screw chillers, as the same are ARI Certified and we wish to inform that we have installed almost 2 lac tons across India.	Terms & conditions given in the tender remain unchanged.
2.			
<b>A - Commercial Clarifications</b>			
2.1		The advance payment should be without interest.	Terms & conditions given in the tender remain unchanged.
2.2	Page No. 4 of Vol-III- Technical Specification	In respect of supplies, Mechanical Guarantee of 24 months has been asked for. Generally the suppliers will give	24 months Mechanical Guarantee starting from the date of handing over, shall be comprised of

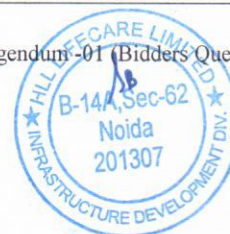
Tender No.:- HLL/IDN/IMPCL/2013-14/03/R

Corrigendum -01 (Bidders Queries)



	(Regarding Mechanical Guarantee)	guarantee for 12 months.	providing guarantee of mechanical equipment accessories such as fans, motor, bearing, impeller, pump casing etc. The Guarantee for the Defect liability period shall be for 12 months as per terms & conditions of contract.
<b>B - Technical Clarifications</b>			
2.3	Vol-III-Technical Specification (Approved List of Makes)	Regarding approval of makes- We will choose the option out of listed make list & not as per the engineer in charge.	The makes shall be from approved make list. However, before placing the order the contractor has to take approval from Engineer-in-Charge by submitting technical data etc. as required as per terms & conditions of contract.
2.4	Item No. 2.1.1 & 2.1.2, Page No.10 of Vol-IV- BoQ (Power & Control Cables- Part-A-High Side AC Works)	2 runs of 3.5C x 150 sqm- Is the second run considered in Quantity or Not?	The quoted price shall be for 2 run x3.5C x150 sqm / meter.
<b>3.</b>			
<b>A - Commercial Clarification</b>			
3.1	Clause No. 12.2 & 12.3 & Section-7, Page No. 23,24 & 81 of Vol-II - GCC & SCC Proforma of Schedule) (Extra item)	For extra item we shall be paid 15% towards overhead and profit after establishing the rates including all taxes and duties based on the market analysis.	Please refer 2(ix) of Page No.80, schedule F of GCC. Other Terms & conditions given in the tender remain unchanged
3.2	Clause No. 25, Section 2 & Section-7, Page no. 35 &81, Volume - II ( GCC & SCC) ( Proforma of schedule) (Settlement of dispute and arbitration)	Third party arbitration shall be as per the provisions of the "The Indian Arbitration and Conciliation Act", 1996 and any re-enactments or statutory modifications thereof.	Terms & conditions given in the tender remain unchanged
3.3	Section-2 Volume -II (SCC)Additional condition of contract and Specifications, (Civil work)	All type of civil work whether major or minor such as, chipping, wall sleeves (MS) grouting of equipments, diffusers support, grooves, holes, chases in walls, floor and RCC work, foundations for equipments, making good of the same, breaking of walls, concrete floor punching, minor carpentry work as required for fixing of grilles, diffusers, cutting false ceiling etc. are not in our scope of supply	All type of civil work whether major or minor shall include chipping, wall sleeves (MS) grouting of equipments, diffusers support, grooves, holes, chases in walls, foundation for equipment, making good of the same, breaking of/making openings in walls, , minor carpentry work as required for fixing of grilles, diffusers, cutting false ceiling etc. shall be in the scope of the Contractor

			Cutting / Modifications involving structural elements shall not be in the scope of HVAC contractor.
<b>B-Technical Clarifications</b>			
3.4	Clause No. 1 g, Page no. 14, Vol –III- Technical Specifications, Sec- 3, (Noise and Vibration control)	All pumps are not big in sizes therefore kindly clarify that inertia blocks are required or not.	No inertia block required. All pumps to be mounted on foundation with required vibration absorber pads & supports etc. as per manufacturer standards.
3.5	Vol-IV BoQ (Motor KW)	Motor KW mentioned in the BOQ shall be indicative only actual motor KW for all the selected equipments shall be as per selections to meet the optimum requirement of the system.	For FDVs & AHUs motor, minimum efficiency considered is 75%. Accordingly the motor rating & capacity is to be selected. Please refer General Point No. 1 below.
3.6	Clause no. 4, Sec 04, Page no. 15, Vol-III- Technical Specifications (Chiller)	For factory performance test is required kindly specify the number of chillers to be tested. Also clarify cost of lodging boarding and to and fro charges to be born by us or client. If cost to be born by us kindly specify the number of person to be visited from your end. Based on the COP and IPLV requirement in the BOQ. The IKW/TR shall be 0.68 instead of 0.67 as mentioned under section -23 page No. 94 of the specification and section 5 page 18 of the specification. Kindly ammend the same. Technical data for the same is attached for your reference. Kindly clarify DP switch or Water flow switch is required at condenser & chiller.	Factory performance test for One number chiller shall be done.  The 0.68 IKW/TR is acceptable.  Water flow switch at condensers & chillers should be considered.  The cost towards the factory performance tests in respect of the persons visiting on behalf of Client /HLL shall be borne by the Contractor as mentioned in para-10.2 of Vol-II, SCC, page no.26.  The team from Client/HLL shall comprise of 2 persons.  Other Terms & conditions given in the tender remain unchanged.
3.7	Item No-3, Part A Equipment –High Side AC Works, , Page No-3 of Vol-IV –BoQ (Secondary pump)	Secondary pump head seems to be on higher side, kindly recheck. BOQ calls for two pump with three nos. VFD which actually should be with 2 nos. VFD. Kindly recheck and confirm.	2 Nos. VFDs are already mentioned in BOQ.  Other Terms & conditions given in the tender remain unchanged.
3.8	Item Nos. 1 & 3, Part B-High Side AC Works & Item No.1, Part-C-Low Side AC Works Page no. 5, 6 & 27 of Vol-IV-BoQ (Chilled and Condenser Water Pipe)	The pipe thickness shall have the tolerance limit as per IS 1239 & 3589	Terms & conditions given in the tender remain unchanged.

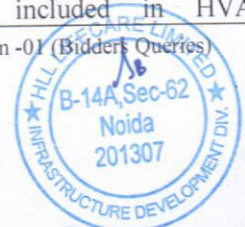


3.9	Part C item no.1 of High Side AC Works & Part E item no 1 to 4 of Low Side AC Works, Page No-9 & 32 Vol-IV, BOQ, (Electrical Panel)	<p>i.)In Main HVAC Panel, Star Delta starters to be considered instead of Soft starter mentioned in BOQ.</p> <p>ii) Since the bus bar is not required in local starter panel, hence the same has to be deleted.</p> <p>iii) MS Angle frame 75X5X6mm as asked in the BOQ is not required therefore same shall be deleted.</p>	<p>i) Soft starter considered in main High side HVAC panel for secondary pumps stands deleted.</p> <p>ii) Suitable Provision as per manufacturer standard shall be accepted.</p> <p>iii) Starter panel shall be manufactured and installed as per the manufacture standards.</p>
3.10	Clause 3 & 6 b, Section-20, Page No. 72, & 73 Vol -III - Technical Specification (Mode of measurement)	<p>i)Box type dampers shall be measured and paid separately as per BOQ item no. 2 of part B ( Low side BOQ)</p> <p>ii) All end termination, thimble, Glands etc shall be measured separately under item no. 2.3 Part C of the BOQ.</p>	<p>i)Section 20 Clause 3 , Volume 3 Technical specification under box damper point no. a) is modified as follows:-</p> <p>The separate measurement shall be done for the box type damper as detailed in BoQ item no 07. Part 2 Low Side Works, Air Distribution System.</p> <p>ii) It shall be measured as per BOQ.</p>
3.11	Section 08, Page 28-32 & 27-28 of Vol III- Technical Specifications Low side AC works, Part A Equipment Sl. No.1,2,3,4 -Vol-IV BoQ (Air Handling Units)	<p>i) All AHU shall be without inside coving.</p> <p>ii)Noise level shall be around 75 dba at 3 RMT from AHU outlet as confirmed by the manufacturer.</p> <p>iii)Please provide airflow diagram for AHU along with the pressure balancing schematic.</p> <p>iv)For AHU and FDV kindly add systemaire AHU and cooling coils.</p>	<p>i) No. All AHUs shall be provided with inside coving.</p> <p>ii) Terms &amp; conditions given in the tender remain unchanged.</p> <p>iii) These drawings can be seen at HLL Noida office.</p> <p>iv) M/s Systemaire is added to the existing approved make list for AHU, FDV &amp; Cooling Coils.</p>
3.12	Section 08, Page, no. 32-34, Vol-III- Technical specifications (Forced Draft Ventilation)	Noise level shall be around 80 dB at 3 RMT from FDV outlet.	Terms & conditions given in the tender remain unchanged
3.13	Item No- 7, Page no – 22, Vol-IV-BoQ (Dehumidifier)	As these dehumidifiers does not comes with filters and dampers kindly clarify this item.	Please refer general point No.6 below.
3.14	Item No-8 &9, Part A Equipment-Low Side AC Works Page -23, 24, Vol-IV-BoQ (Split & Ductable Split Unit)	Split units interconnecting refrigerant piping should be deleted as this item is measured separately under separate item as asked in the BOQ.	<p>Refrigerant Piping &amp; control cables is not a part of this item.</p> <p>Please refer general point No. 2, 3 below &amp; Annexure-I, Sl. No. 3.</p>

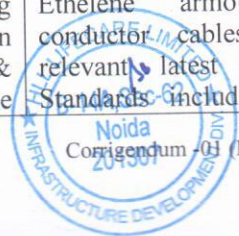
3.15	Item No-1, Part B – Air Distribution –Low Side AC Works- Page no 25 of Vol-IV-BoQ (Duct)	Return air duct shall not have chicken wire mesh. Kindly clarify the rectangular duct or round duct is required.	Return air duct/ Riser coming inside wall to be provided with chicken wire mesh. & rest of ducting coming outside shall not be provided with chicken wire mesh.(refer Annexure-I, Sl. No.4)  The duct can be round/rectangular as per site requirement & as per directions of EIC.
3.16	Item No-4, Part B – Air Distribution- Low Side AC Works- Page no. 26, (Terminal HEPA filter module)	SS perforated grills shall be excluded from this item as the same is appearing separately under item no.5 Part B Air distribution.	i) The Qty of perforated SS Grill with HEPA Filters for Classified Areas is included in item no. 4, Part B- Air distribution of vol-IV-BoQ.  ii) Refer general point No. 5 below.
3.17	Section 28, page No-122, Vol-III-Technical Specifications (List of Makes)	For Electrical Panels kindly give us the address for the following makes Anand Controls, Electro control Devices, system projects and engineers and ambit	Terms & conditions given in the tender remain unchanged
3.18	Vol-IV BOQ	Please make cable tray. End termination thimble glands as a separate BOQ item for low side and high side	Cable Tray is to be provided as separate item. Refer general point no. 4 below & Annexure-I, Sl. No.5. Terms & conditions given in the tender remain unchanged with respect to end terminations.
3.19	Vol-IV-BOQ	Please make return air riser as a separate BOQ Item	Return/supply air riser are to be provided as a separate item. Refer Annexure-I. Sl. No.4.
3.20	Basis of Design, Page no. 77, Vol-III- Technical Specifications	Kindly delete the column showing temperature in Fahrenheit.	Column showing temperature in Fahrenheit stands deleted. 23+/-2 degree celcius temp. to be considered for inside design condition.

**General Points (Amendments in BoQ)**

Point. No.	BoQ Item No.	Original Description in BoQ	Amended Description in BoQ
1	Item No. 5, Part A- Equipment-High Side AC Works., of Vol 4 BoQ , Page No-4	“Supply, installation, testing & commissioning of FRP induced draft cooling tower of capacity 250 TR (756000 Kcal/Hr) complete with sump & steel ladder, 2 Nos. of 1200 mm dia. fans, two. nos 7.5 HP EFF 1 type fan motors suitable for 415 V, 3 phase, 50 Hz. including MS Structure for mounting Cooling Tower, access arrangement for cooling tower interior, cement concrete foundation, steel / masonry support structure, anti vibration mountings etc. The starter is included in HVAC electrical panel. The cooling	“Supply, installation, testing & commissioning of FRP induced draft cooling tower with minimum capacity of 250 TR (756000Kcal/Hr) complete with sump & steel ladder, 2 Nos. fans each with EFF 1 type motors suitable for 415 V, 3 phase, 50 Hz. including MS Structure for mounting Cooling Tower, access arrangement for cooling tower interior, cement concrete foundation, steel / masonry support structure, anti vibration mountings etc. The starter is included in HVAC



		tower shall conform to technical specifications Section. It should be complete as per directions of Engineer-In-Charge”.	electrical panel. The cooling tower shall conform to technical specifications Section. The fan dia. & motor capacity shall be as per manufacture standard. It should be complete as per directions of Engineer-In-Charge”.
2	The part A-Equipment, Low Side Item No 8 of Vol 4 BoQ, Air Cooled split units, Page No-23	“Supplying & installation, commissioning and testing of Air Cooled Split type Wall Mounted Air-conditioners with evaporating unit comprising of cooling coil, blower and motor and condensing unit comprising of hermetically sealed rotary compressor , Condenser coil, propeller fan. Unit shall be complete with controls, interconnecting copper refrigerant piping with insulation, electrical cabling, earthing etc. between evaporative and condensing unit complete with refrigerant gas and oil and MS Stand duly painted for outdoor units. The units shall be suitable for operating on 220 + 6% volt 1 phase 50 cycle AC Supply. The units shall be suitable for cordless remote operation. It should be complete as per Technical Specifications & as per directions of engineer-in-charge.”	“Supplying, installation, commissioning and testing of Air Cooled Split type wall mounted Air-conditioners with evaporating unit comprising of cooling coil, blower and motor and condensing unit comprising of hermetically sealed scroll / reciprocating compressor, Condenser coil, propeller fan. Unit shall be complete with first charge refrigerant gas and oil and MS Stand duly painted for outdoor units. The units shall be suitable for operating on 415 + 10% volt 3 phase 50 cycle AC Supply. It should be complete as per Technical Specifications & as per directions of engineer-in-charge.”
3	The part A-Equipment, Low Side Item No 9 of Vol 4 Boq, Air Cooled Ductable split units, Page No-24	“Supplying, installation, commissioning and testing of Air Cooled Split type Ductable Air-conditioners with evaporating unit comprising of cooling coil, blower and motor and condensing unit comprising of hermetically sealed scroll / reciprocating compressor , Condenser coil, propeller fan. Unit shall be complete with control, interconnecting copper refrigerant piping with insulation based on enclosed layout drawings, electrical control Panel, cabling, earthing etc. between evaporated and condensing unit complete with refrigerant gas and oil and MS Stand duly painted for outdoor units. The units shall be suitable for operating on 415 + 10% volt 3 phase 50 cycle AC Supply. It should be complete as per Technical Specifications & as per directions of engineer-in-charge.”	“Supplying, installation, commissioning and testing of Air Cooled Split type Ductable Air-conditioners with evaporating unit comprising of cooling coil, blower and motor and condensing unit comprising of hermetically sealed scroll / reciprocating compressor, Condenser coil, propeller fan. Unit shall be complete with control panel, first charge refrigerant gas and oil and MS Stand duly painted for outdoor units. The units shall be suitable for operating on 415 + 10% volt 3 phase 50 cycle AC Supply. It should be complete as per Technical Specifications & as per directions of Engineer-in-Charge.”
4	The part C-Electrical works of High Side AC Works, Item No 2.1 of Vol 4 Boq, Air Cooled Ductable split units, Page No-24	“Supplying, laying, effecting proper connections, testing & commissioning of the following sizes of 1.1 KV -Cross Linked Poly Ethelene armoured aluminium conductor cables conforming to relevant latest amended Indian Standards laid over MS supports & Cable Trays including clamping the	“Supplying, laying, effecting proper connections, testing & commissioning of the following sizes of 1.1 KV -Cross Linked Poly Ethelene armoured aluminium conductor cables conforming to relevant latest amended Indian Standards including clamping the



		cables to supports in an approved manner as required complete with all accessories.”	cables to supports in an approved manner as required complete with all accessories and as per directions of EIC.”
5	Item no-5, Part B- Air distribution of Low Side AC Works, vol-IV-BoQ, Page No-26	“Supply, installation, testing and commissioning of SS-304 1.0 mm thick. Perforated Grille for supply and return air in Non & Classified Areas. Sizes will be as per the drawings. It should be complete as per Technical Specifications & as per directions of engineer-in-charge.”	“Supply installation testing and commissioning of SS 304, 1.0 mm thick perforated grill for supply and return air in non-classified areas. Sizes will be as per drawings which should be completed as per technical specifications and as per directions of Engineer –in-Charge”.
6.	Item No- 7, Page no – 22, Vol-IV-BoQ (Dehumidifier)	“Supply installation, testing & Commissioning of Lithium Chloride type dehumidifier complete with booster process blower (External static pressure of 10 mm WG, Suitable motor), refrigeration solution pumps with motor, honey comb structure cellulose Media, Chilled water based precooling units, control panel with PLC /contactor /relay/ switches etc. Communication facility for the PLC. fresh air intake with 10 micron synthetic washable filters, F6 filter and damper, G4 filter in reactivation path, H 13 HEPA filter, Suitable Motor and Coil, isolation valves, thermostat/ humidistat, display devices , condensate steam trap assembly . It should be complete as per Manufacturer's Technical Specifications & as per directions of engineer-in-charge.”	“Supply installation, testing & Commissioning of Lithium Chloride type dehumidifier. The dehumidifier should be built in complete plastic construction outer body but rigid with distinctly separated regeneration & heat pump sections, complete with magnetic driven / equivalent sealless pumps in polypropylene construction, refrigeration unit, distribution piping, strainers, blowers for process & regeneration air with motors, titanium tube-in-tube heat exchangers, media, electrical & electronic control system. The process & regeneration section should have honey comb construction cellulose/ equivalent media for simultaneous sensible/ latent heat transfer between the liquid desiccant & air. The liquid desiccant flow should be by gravity i.e without forced distribution. The electrical/electronic control system shall be PLC based with complete control on the components for continuous safe operation of the dehumidifier. It should be capable of collecting, storing & transferring the data such as control parameters, alarms etc thru Modem/Ethernet protocol (optional) and also capable of displaying the minimum required system parameters such as air temp & RH, ON/OFF status of the components & alarms.  Fresh air Intake & pre-cooling units of 200 CFM: Double skin Unit with GI Plain inner and GI coated outer sheet, 43 mm thick PUF insulated panel, sandwich construction, thermal brake Profile, 10 micron Pre-filter with Protection grill on



			<p>filter, 8 Row chilled water coil or 6 row DX coil (designed at 200 FPM face velocity of Air), with PVC mist eliminator, SS drain tray, without fan and motor, Aluminium extruded damper at supply for AHU's.</p> <p>It should be complete as per Manufacturer's Technical Specifications &amp; as per directions of Engineer-in-Charge."</p> <p>7.1 Model No. DT 2400/9 of DU Cool make or equivalent along with fresh air intake and Pre Cool unit with above specifications.</p> <p>7.2 Model No. DT 1400/9 of DU Cool make or equivalent along with fresh air intake and Pre Cool unit with above specifications.</p>
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**Note: The amendment to quantities & BOQ shall be the part of the Price Bid. The Contractor shall quote considering the above amendments & the amounts in respect of the rates quoted in Annexure-I shall be brought forward to Summary sheet.**

**Item no-1.1 (Part B- Air distribution of Low Side AC Works, vol-IV-BoQ, Page No-25), Item no-1.2( Part B- Air distribution of Low Side AC Works, vol-IV-BoQ, Page No-25), Item no-5.2.1 (Part E- Electrical works of Low Side AC Works, vol-IV-BoQ, Page No-48) shall not be quoted in original BoQ. The rates quoted in Annexure-I shall be considered for evaluation.**





Corrigendum-01:Annexure-I

Modernization, Up-Gradation & Expansion of Existing Plant Facilities at Indian Medicines Pharmaceutical Corporation Ltd. (IMPCL), Mohan, Distt. Almora, Uttarakhand via Ram Nagar: Package III- HVAC Works

Tender No: HLL/JDN/MPCL/2013-14/03/R

Sl.No.	BoQ Item No. & Page No.	DSR 2013 Item No./ NDSR	Description/Modified Description	Unit	Qty.	Rate (Rs.) In Figures	Rate (Rs.) In Words	Amount (Rs.) In Figures	Amount (Rs.) In Words
<b>Part-B Air Distribution System-Low Side AC Works</b>									
	Item No.1, Page No. 25	DSR 2013 Item No.16.12.1	Supply, Installation, Balancing & Commissioning of factory fabricated GSS sheet metal rectangular / round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.						
1	Item No.11, Page No. 25	DSR 2013 Item No.16.12.1.1	24 G (0.63 mm)	Sqm	6758				
2	Item No.12, Page No. 25	DSR 2013 Item No.16.12.1.2	22 G (0.80 mm)	Sqm	2218				
<b>Part-E Electrical Works-Low Side AC Works</b>									
	Item No.5.2, Page No. 48	NDSR	Supply and laying, testing and commissioning of following sizes of Copper conductor control cables with PVC conduit & fixing clamps and effecting proper connections to equipment etc. It should be complete as per Technical Specifications & as per directions of engineer-in-charge.						
3	Item No.5.2.1, Page No. 48	NDSR	2C X 1.5 Sq.mm	Rmt	2130				
<b>Part-B Air Distribution System-Low Side AC Works</b>									
			Supply, Installation, Balancing & Commissioning of factory fabricated GSS sheet metal rectangular / round return/supply air duct riser complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports, silicon sealant at joints, chicken wire mesh etc. as per approved drawings and specifications of following sheet thickness complete as required and as per direction of EIC. Note:Dampner rquired for return/supply air riser should be priced separately as per item no. 7, Part-B Air Distribution System.						
4	N.A	NDSR							
4.1	N.A	NDSR	24 G (0.63 mm)	Sqm	300				



4.2	N/A	NDSR	22 G (0.80 mm)	Sqm	130				
4.3	N/A	NDSR	Deduct for not providing chicken wire mesh	Sqm	50				
<b>C-Miscellaneous Works (For Both High &amp; Low Side AC Works)</b>									
			Supplying & installing following sizes of pre perforated pre painted MS cable trays with perforation not more than 17.5% in convenient section joined with connectors, suspended from the ceiling with MS suspenders including bolts & nuts painting suspenders etc as required ( for both high & low Side Works)						
5	N/A	DSR 2013 Item No 4.1	600mm width x 50mm depth x2.0mm Thickness	Rmt	1500				
5.1	N/A	DSR 4.1.11	450mm width x 62.5mm depth x2.0mm Thickness	Rmt	650				
5.2	N/A	DSR 4.1.10	300mm width x 50mm depth x1.6mm Thickness	Rmt	1180				
5.3	N/A	DSR 4.1.4		Rmt					
<b>TOTAL OF CORRIGENDUM 01-ANNEXURE-I AMOUNT (Rs.)</b>									



Subject: Modernization, Up-Gradation & Expansion of Existing Plant Facilities at Indian Medicines Pharmaceutical Corporation Ltd. (IMPCL), Mohan, Distt Almora, Uttarakhand via Ram Nagar:  
 Package III- HVAC works

Summary\_ HVAC Works

SL.NO.	DESCRIPTION	QUOTED AMOUNT (Rs.) In Figures	QUOTED AMOUNT (Rs.) In Words
<b>A</b>	<b>HIGH SIDE WORK</b>		
1	PART A-EQUIPMENT		
2	PART B-PIPING WORKS		
3	PART C-ELECTRICAL WORKS		
	<b>TOTAL HIGH SIDE WORKS (In Rs.)</b>		
<b>B</b>	<b>LOW SIDE WORK</b>		
1	PART A-EQUIPMENT		
2	PART B-AIR DISTRIBUTION SYSTEM		
3	PART C-PIPING WORKS		
4	PART D-INSULATION WORKS		
5	PART E-ELECTRICAL WORKS		
6	CORRIGENDUM/01 ANNEXURE-I		
	<b>TOTAL LOW SIDE WORKS (In Rs.)</b>		
	<b>TOTAL HIGH &amp; LOW SIDE WORKS (In Rs.)</b>		

*[Handwritten Signature]*

