

Query raised in Pre-Bid meeting and necessary clarifications/ Corrigendum/ amendments/ corrections

Bid document No. : LIC/NCZ/ENGG/ T-12 /2022-2023 dated 17/08/2022

Name of the work: Modernization Works including Civil, Interiors, Supply & Installation of Modular Furniture & Chairs, Electrical Installations, SITC of VRF Air-conditioning System, Fire Alarm, Public Addressing System, Sprinkler System, Data/ Network Cabling & Telephone Wiring and other ancillary works in Zonal Office & Divisional Office at M.G.Marg, Kanpur

After pre-bid meeting held on 01.09.2022, following clarifications to the bid documents of above work are issued with respect to query raised during pre-bid meeting, query received by e-mail and other amendments/ clarifications :

S. No.	Reference to items / Clause	Query raised / Written as .. / Printed as	Clarification/ amendment/ Read as....	Remarks
Queries raised by Prospective Bidder - 1				
1	BID-III, PART-II, BOQ PART-7 (Electrical work) T.I No. 1.	Supply, installation, testing and commissioning of adequate size (to accommodate bus bars, change over switches & additional switch gears) meter panel fabricated with & closing. The panel shall comprise of the following bus bars., change over switches and additional switch gears. Query Raised:- Kindly clarify the scope for providing changeover switches are inclusive in the item or to be paid separately.	The description of item is very clear and panel shall comprise of the bus bars, changeover switches and additional switch gears, Hence no extra payment shall be made for providing switch gears. Hence, Tender Conditions Prevail.	
2	BID-III, PART-II, Page 51	List of Approved Makes For Electrical Works. List of Principal makes / Agencies/Brands of Various Materials / Electrical Works Query Raised:- In list of Principal makes / Agencies/Brands of Various Materials / Electrical Works, the name of HAVELLS and C&S are not available. These brands are very popular, equivalent & easily available in the market	"Havells" make is allowed to be used for followings : (i) HT/LT Cables (ii) MCCB/Industrial Switch Gears (iii) MCB/DB/ELCB/RCCB (iv) Modular switches & accessories (v) Indoor & outdoor light fittings (vi) APFC panels	
3	BID-III, PART-II, Page 51	List of Approved Makes For Electrical Works. : List of Principal makes / Agencies/Brands of Various Materials / Electrical Works" Query Raised:- Daikin is not mentioned in the HVAC.	Please refer BID-III, Part-II, Page No.-53 i.e. List of Approved makes for Air conditioning – VRF Units. VRF/VRV /MRV system of Carrier/ Daikin/ Hitachi/ Blue Star/ Voltas makes.	

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4	Bid III – Part-II, Schedule of Quantity, Part-3 - “Modular Furniture, MS Side Credenza & MS Storage”, Note-1	Equivalent brand of make mentioned in item shall be Godrej /Methodex / Featherlite / Wipro. List of Approved Manufacturers of Modular Furniture Works is also available in BID-III, Part-II, Sl. No. 80, P- 49. Query Raised:- Please clarify whether these makes may also be used in the work.	Equivalent brand of make mentioned in item shall be Godrej /Methodex / Featherlite / Wipro or any other approved make as per List of Approved Manufacturers of Modular Furniture Works mentioned in BID-III, Part-II, Sl. No. 80, P- 49.	Specification corrected.
5	In Bid III – Part-II, Schedule of Quantity, Part-4 - “Supply of Chairs”, Note-5	Equivalent brand of make mentioned in item shall be Godrej /Methodex / Durian / Wipro. List of Approved Manufacturers of Chairs is also available in BID-III, Part-II, Sl. No. 81, P-50. Query Raised:- Please clarify whether these makes may also be used in the work.	Equivalent brand of make mentioned in item shall be Godrej /Methodex / Durian / Wipro or any other approved make as per List of Approved Manufacturers of Chairs mentioned in BID-III, Part-II, Sl. No. 81, P-50.	Specification corrected.
6	In Bid III – part-II, Schedule of Quantity, Part-4 - “Supply of Chairs”, Total For Part-4-Supply of Chairs	Query Raised:- Total for Part-4-Supply of Chairs : Rs. 88,11,345.00. There is a typographical error in totaling.	Total For Part-4-Supply of Chairs : Rs. 91,38,345.00	Total Amount Corrected as Rs. 91,38,345.00
7	In Bid III – part-II, Schedule of Quantity, Part - 4 : “Supply of Chairs”, Item No. 1.08 : Description of Item	Query Raised:- The description of DTC Chair item No. 1.08 is not elaborated and need complete details	DTC class room chairs Ditto as in item no. 1.01 but of Size 570x300 mm approx.. At right arm made out of 12 mm thick Novapan prelaminated particle board (interior grade) both side laminated in approved colour, edge binding 2 mm thick machine pressed PVC, folding mechanism shall be powder coated / chrome plated steel section of suitable size and as per manufacturer’s specifications. The folding mechanism shall be powder coated/ chrome plated steel section of suitable size and as per manufacturer’s specifications. The folding mechanism shall comprise of 3 mm steel plate riveted with writing desk, steel square section pivoted with folding assembly	Detailed specifications mentioned.

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			and then folding assembly will be welded with arms steel section at both ways, Arm rest will be reinforced with MS inserts scratch and weather resistance. The colour, make , pattern, design and quality shall be got approved by LIC before manufacturing, writing top with foldable mechanism shall be provided on right/ left arm with book rack at bottom with 24 gauge steel powder coated sheet. Seat Size : 450 mm (W)x430 mm (D)approx. Back Size : 450 mm (W) x 430 mm (H) approx. As per model of Methodex CL-02 or equivalent.	
Queries raised by Prospective Bidder - 2				
8	BID-III, PART-II, Page 51	List of Approved Makes For Electrical Works. List of Principal makes / Agencies/Brands of Various Materials / Electrical Works Query Raised:- In list of Principal makes / Agencies/Brands of Various Materials / Electrical Works, the name of HAVELLS is not available. Their name may also be included in approved list of makes.	"Havells" make is allowed to be used for followings : (i) HT/LT Cables (ii) MCCB/Industrial Switch Gears (iii) MCB/DB/ELCB/RCCB (iv) Modular switches & accessories (v) Indoor & outdoor light fittings (vi) APFC panels	
Queries raised by Prospective Bidder – 3 (received by e-mail dated 01.09.2022)				
9	BID-III, PART-II, Page 51	List of Approved Makes For Electrical Works. List of Principal makes / Agencies/Brands of Various Materials / Electrical Works Query Raised:-In list of Principal makes / Agencies/Brands of Various Materials / Electrical Works, the name of HAVELLS is not available for Cables, MCCB/ MCB/ DB/ ELCB/ RCCB, Modular Switches & accessories, Indoor & Outdoor Light Fittings & APFC Panels. HAVELLES is easily available in the market so we can easily manage work too. Havells has very wide range of products and vast availability	"Havells" make is allowed to be used for followings : (i) HT/LT Cables (ii) MCCB/Industrial Switch Gears (iii) MCB/DB/ELCB/RCCB (iv) Modular switches & accessories (v) Indoor & outdoor light fittings (vi) APFC panels	

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		of sales & service net work. Request to incorporate the Havells make.		
Queries raised by Prospective Bidder – 4 (received by e-mail dated 01.09.2022)				
10	BID-III PART II - BOQ PART-2 INTERIOR / MODERNIZATION WORKS (T.I. No.1.01)	Providing and fixing 12.5 mm gypsum board seamless false ceiling on metallic grid conforming to IS 2095:1982 including hanger fixed to the slab soffit with G.I.cleat and steel expansion fasteners. Query Raised:- Kindly allow USG as equivalent Brand	Tender conditions prevail.	No change
11	BID-III PART II - BOQ PART-2 INTERIOR / MODERNIZATION WORKS (T.I.2.01(a))	Providing & Fixing full height double skin Wooden partitions with double skin plywood of 68 mm thick with GI frame of Gypsum India..... and with following specifications Query Raised:- Kindly allow USG as equivalent Brand	Tender conditions prevail.	No change
12	BID-III PART II - BOQ PART-2 INTERIOR / MODERNIZATION WORKS (T.I. No. 1.05)	Providing and fixing with true horizontal level mineral fiber tile false ceiling grid of silhouette grid system of M/s Armstrong World Industries(India) Pvt. Ltd./ Slim line grid of Daiken or similar grid of USG Knauf..... of size 600x600x15mm over the formed grid etc. complete. Query Raised:- Kindly Allow USG & Techno as Equivalent Brand	USG Knauf is already available in the description of Item. Hence, tender conditions prevail.	
13	BID-III PART II - BOQ PART-2 INTERIOR / MODERNIZATION WORKS (T.I. No 2.04)	Providing & Fixing full height double skin Calcium Silicate Board partitions of 66 mm thick with GI frame Gypsum Indiaand with following specifications Query Raised:- Kindly allow USG as equivalent Brand	Tender conditions prevail.	No change
14	BID-III PART II - BOQ PART-5 (Renovation of Corridors along with Staircase	Providing and fixing of GreenPro Certified Luxalon GI Triangular Cell Structure of module 100X100X100mm with a self-locking clip. Query Raised:- Kindly allow USG as equivalent Brand	Tender conditions prevail.	No change

S. No.	Reference to items / Clause	Query raised / Written as .. / Printed as	Clarification/ amendment/ Read as....	Remarks
	(T.I. No. 13)			
15	General	Query Raised:- Basic rate mentioned is including Transport, Loading & Unloading?	Please refer BID-III, Part-II, Schedule "A" at page No. 14. The details of basic rate is very clear. Hence, tender conditions Prevail.	
16	BID-III PART II - BOQ PART-13: (AIR CONDITIONING SYSTEMS) (T.I.No. 13.2(a))	Supply of following minimum capacity of VRF Ductable Type indoor unitThe cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. 12.8 TR - Ductable / Cooling Capacity : 45 KW Query Raised:- Nearest Available capacity 11 TR with OEM	Nearest capacity but higher than the 12.8TR can be accepted.	
17	BID-III PART II - BOQ PART-13: (AIR CONDITIONING SYSTEMS)(T.I. no. 13.2(b))	Supply of following minimum capacity of VRF Ductable Type indoorThe cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. 16 TR - Ductable / Cooling Capacity : 56 KW Query Raised:- Nearest Available capacity 18 TR with OEM	Nearest capacity but higher than the 16 TR can be accepted	
18	BID-III PART II - BOQ PART-13: (AIR CONDITIONING SYSTEMS) (T.I. No. 13.3(a))	Supply, installation, testing and commissioning of following minimum capacity VRF High wall type Indoor unitThe cooling capacity of indoor unit will be at air inlet conditions of 7 Degree C DB and 19 Degree C WB temperature. 2.6 TR - Hi-Wall / Cooling Capacity : 9 KW Query Raised:- Nearest Available capacity 2.8 TR with OEM	Nearest capacity but higher than the 2.6 TR can be accepted	
19	BID-III PART II - BOQ PART-13: (AIR CONDITIONING SYSTEMS) (T.I. No. 13.1)	The unit shall be filled with first charge of the refrigerant R-410a and ready for use as required. Full load COP @ 100% Load at AHRI conditions shall not be less than 4.0 & @ 50% Load should not be less than 6.50. Outdoor Units should have capacity reduction system which means their capacity can be reduced to less than 100% manually at site if required, Outdoor Units should be	Description of item is inclusive of Anti Corrosive coating by factory itself. Tender conditions prevail.	

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		done with anti corrosion coating by factory itself. Query Raised:- Anti corrosion coating by factory - OEM provides Hydophillic Blue Fins. Please confirm if that suffice		
20	BID-III PART II - BOQ PART-13: (AIR CONDITIONING SYST EMS) (T.I. No. 13.2)	Supply of following minimum capacity of VRF Ductable Type indoor unit force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. Query Raised:- Provision can be provided in ODU for automatic force shutdown in case of fire on receiving signal from BMS System to ODU to shutdown IDU	Provision can be made in ODU for automatic force shutdown in case of fire on receiving signal from BMS System to ODU to shutdown IDU.	
21	BID-III PART II - BOQ PART-13: (AIR CONDITIONING SYST EMS) (T.I. No. 13.4B- Low side work)	SITC of copper refrigerant pipe cluding vaccumization and nitrogen testing and suitable for operation on R410A refrigerant of following sizes with nitril rubber insulation with FRP glass cloth tape faced and thermal insulated paint to done on the FRP tape protection on exposed part of insulation between each set of indoor & outdoor room shall be properly supported with cable tray araangement complete as required. (Class O Nitrile insulation 13 mm for liquid and 19 mm for suction line to be used) Query Raised:- FRP Glass cloth coating with thermal paint on - Only on pipe running on terrace	FRP glass cloth tape faced and thermal insulated paint to be done on FRP tape protection on exposed part of insulation between each set of indoor and outdoor. Hence, Tender Conditions Prevails	
22	BID-III PART II - BOQ PART-13: (AIR CONDITIONING SYST EMS)(T.I. No. 13.4B- Low side work)	SITC of copper refrigerant pipe including(Class O Nitrile insulation 13 mm for liquid and 19 mm for suction line to be used) Query Raised:- Cable tray - Only on pipe running on terrace. Quantity separately mentioned in BOQ. Not to be included in Piping cost.	The quoted rates against this item is inclusive of cable tray arrangement. Hence Tender Conditions prevails	
23	BID-III PART II -	T.I No. 13.22-Providing and laying of liquid / suction	As per tender item, Liquid /Suction Copper	

S. No.	Reference to items / Clause	Query raised / Written as .. / Printed as	Clarification/ amendment/ Read as....	Remarks
	BOQ PART-13 (Air Conditioning Systems)(T.I. No. 13.22 & 13.23)	copper refrigerant pipe upto 12 mm dia (split AC) T.I.No. 13.23- Providing and laying of liquid / suction copper refrigerant pipe upto 19 mm dia (cassette AC) Query Raised:- Suction pipe size mentioned - Liquid pipe Please provide liquid pipe size	refrigerant pipe up to 12 mm for Split and Upto 19 mm for Cassette AC (Suitable dia. as per the capacity) will be used. Hence Tender Conditions Prevails	
24	BID-III PART II - BOQ PART-13 (AIR CONDITIONING SYSTEMS) (T.I. No. 13.25a)	Indoor to Outdoor unit Control cabling with sheathed Copper cable 2C x 1.5 Sq.mm Query Raised:- OEM requirement is 2Cx0.75Sqmm please confirm if same can be quoted against 2Cx1.5Sqmm	Tender Condition Prevails	
Additional Clarifications/ Amendment				
1	BID-III, Part-II, BOQ Part-7 for Electrical Works. Item No. 4.20	Prime cost for purchase of spot light or any other light fittings of approved make Total amount Rs. 10,00,000/-	Total Amount Rs. 7,38,400/-	Total Amount Corrected
2	BID-III, Part-II, BOQ Part-7 for Electrical Works. Item No. 4.21	Contractor's percentage including ITC, labour Total amount Rs. 2,50,000/-	Total Amount Rs. 1,84,600/-	Total Amount Corrected
3	BID-III, Part-II, BOQ Part-7 for electrical works, P-17	Total amount of part-7 Rs. 3,21,98,644.00	Total amount of part-7 shall be corrected to Rs. 3,18,71,644/-	Total Amount of trade corrected
4	BID-III, Part-II, BOQ Part-16 for Buy back items/ Salvage Value.	All items of Trade i.e. from Sl. No. 1 to 35 with total Rs.20,68,215.00	Trade is deleted. New BOQ for the trade is uploaded separately with revised total amount of Rs. 39,55,258.00.	New BOQ for this trade is uploaded.
5	BID-III, Part-II, BOQ. Summary Page	Summary page	Summary page is deleted. Revised Summary Page is uploaded separately.	New revised summary page is uploaded.
6	BID-III, Part-II, BOQ. Template for Financial Bid	Financial Bid Page for quoting rates by bidder	Financial Bid page is deleted and revised Financial Bid page template is uploaded. Bidders are requested to go through the	New revised Financial Template Page

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	Page		revised Financial template and quote their rates in revised Financial template.	is uploaded for quoting the rates by bidders.
7	BID-II, Prequalification Tender Notice, Eligibility Criteria, Sl. No. 3 for Net worth. Annexure-II	“FORM FOR CERTIFICATE OF NETWORTH FROM CERTERED ACCOUNTANT” It is to certify that as per the audited Balance sheet and profit & loss Account during the financial.....	Bidders may submit the net worth certificate issued by Chartered Accountant bearing CA registration number and UDIN, based on provisional account statement in case final audited account statements are not available.	
8	BID-II, Pre qualification Tender Notice, Eligibility criteria, Sl. No. 3 for Solvency/banker's Certificate	Annexure-I at P- 11	The bank solvency/ banker's certificate should be strictly as per format available in the bid documents as Annexure-I and the same should be addressed to the Chief Engineer, LIC of India, North Central Zonal Office, Kanpur (U.P.).	
9	BID-III, Part-II, Special Condition No. 30. “Drawing and Designing)	The rates are deemed to be inclusive of engaging an Architect/ Interior Designer for preparing auto cad drawings of the layout of modernization and all minute details/ dimensions including 3D presentation of all important locations like modules of different cabins, conference hall, meeting hall, Reception/ waiting area, Office hall, Meeting Rooms, Toilets attached to HOD cabins etc.. Presentation covers shades of veneer/ lamination, false ceiling, Lighting, Furniture & Chairs, Flooring etc. so as to give a clear picture of work at completion. Preparation of all necessary drawings for electrical installations, false ceiling pattern at different locations, AC layout etc. shall be under Contractor scope and rates quoted deemed to be inclusive of above without extra cost to LIC. Before carrying out work, Contractor has to prepare such drawings/ 3 D presentation, detailing etc. under the	It is again reiterated that the quoted rates are incisive of “engaging an Architect/ Interior Designer for preparing auto cad drawings of the layout of modernization and all minute details/ dimensions including 3D presentation of all important locations like modules of different cabins, conference hall, meeting hall, Reception/ waiting area, Office hall, Meeting Rooms, Toilets attached to HOD cabins etc.. Presentation covers shades of veneer/ lamination, false ceiling, Lighting, Furniture & Chairs, Flooring etc. so as to give a clear picture of work at completion. Preparation of all necessary drawings for electrical installations, false ceiling pattern at different locations, AC layout etc. shall be under Contractor scope and rates quoted deemed to be inclusive of above without extra cost to LIC. Before carrying out	Bidders are requested to note the above provision and quote their rates considering the above provision. Nothing extra shall be payable on account of Drawing and Designing.

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		consultation with LIC Engineer and get the same approved by LIC. The drawings/ designs/ 3D as prepared above shall be submitted to LIC along with soft copies of the same. The layout drawings enclosed with the bid are near indicative & for reference only.	work, Contractor has to prepare such drawings/ 3 D presentation, detailing etc. under the consultation with LIC Engineer and get the same approved by LIC. The drawings/ designs/ 3D as prepared above shall be submitted to LIC along with soft copies of the same. The layout drawings enclosed with the bid are near indicative & for reference only	
10	BID-III, Part-II, Special Condition No. 33.	The building is situated on main road with lesser space available for storage of material. Contractor must visit the site to aware with the logistic issues and storage for material and quote his rates accordingly. Contractor may acquire storage space in nearby locality for storage of his materials and expenses on account of rent payable has to be borne by him.	It's again reiterated that "The building is situated on main road with lesser space available for storage of material. Contractor must visit the site to aware with the logistic issues and storage for material and quote his rates accordingly. Contractor may acquire storage space in nearby locality for storage of his materials and expenses on account of rent payable has to be borne by him".	Bidders are requested to note the above provision and quote their rates considering the above provision.
11	BID-III, Part-II, Special Condition No. 34.	" All activities of work need to be carried out in phased manner. After completion of work in one phase, Contractor has to handover possession of that phase in complete manner i.e. with all furniture, fittings, chairs, air conditioning etc. for shifting & working of office. Contractor has to arrange supply of material, furniture, fittings etc. in phase wise manner"	It's again reiterated and attention of all bidders once again invited to note that " All activities of work need to be carried out in phased manner. After completion of work in one phase, Contractor has to handover possession of that phase in complete manner i.e. with all furniture, fittings, chairs, air conditioning etc. for shifting & working of office. Contractor has to arrange supply of material, furniture, fittings etc. in phase wise manner"	Bidders are requested to note the above provision and quote their rates considering the execution of work in phased manner.
12	BID-III, PART-II. Letter from Contractor to Chief Engineer, Page No. – 5, Para No.-3, Line No. 4	In the event of the tender OR I/We, agree to furnish a lump sum Security Deposit amounting to Rs. @ 2.5 % of accepted tender amount or two like amounts in the form of Bank Guarantee/s from any Nationalized/Scheduled Bank as per specimen given in Annexure "B" to Conditions of Contract, within 21 (Twenty One) days from the date of issuance of acceptance of tender or within	In the event of the tender OR I/We, agree to furnish a lump sum Security Deposit amounting to Rs. 20 lakh + 2.5 % of accepted tender amount or two like amounts in the form of Bank Guarantee/s from any Nationalized/Scheduled Bank as per specimen given in Annexure "B" to Conditions of Contract, within 21 (Twenty One) days from the	

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		21(Twenty One) days from the extended date as may be extended by the Chief Engineer.	date of issuance of acceptance of tender or within 21(Twenty One) days from the extended date as may be extended by the Chief Engineer.	
13	BID-III, PART-I, Conditions of Contract, Para 2.1 at Page No. 4	The Contractor shall carry out and complete the “Providing and fixing Aluminium Windows by replacing existing MS windows and Renovation of toilet blocks with internal Electrical installations works” in ZO & DO Building at M.G. Marg, Kanpur.	The Contractor shall carry out and complete the “Modernization Works including Civil, Interiors, Supply & Installation of Modular Furniture & Chairs, Electrical Installations, SITC of VRF Air-conditioning System, Fire Alarm, Public Addressing System, Sprinkler System, Data/ Network Cabling & Telephone Wiring and other ancillary works in Zonal Office & Divisional Office at M.G.Marg, Kanpur”	
14	BID-III, PART-II Special Conditions, Page 18, Water & Electricity	The contractor shall be allowed to use Water &.....The electricity if available shall be provided at one end only and charges for the same shall be deducted from the contractors bills.....	In case of non-availability of Power in premises, the Contractor has to arrange the power backup from his own arrangement without any extra cost to LIC.	

Bidders are requested to read the above clarifications/ corrigendum/ amendments/ corrections carefully and quite their rates considering above. All other terms & conditions of bids remain unchanged.

DY. CHIEF ENGINEER