

**Pre – Bid Meeting** held on 04.02.2020 at ICAI Bhawan, New Delhi.

**Pre-Bid Clarifications**

<b>S. No</b>	<b>Query</b>	<b>Clarification</b>
1.	Eligibility criteria mentioned at Para-2 on Page-11 states "Experience of having successfully completed works during the last 5 years ending 31 <sup>st</sup> March 2019". Further sub-clause Para 2(i) states "construction area in sqft completed during last 05 years, 05 years reckoned from bid submission date. Please clarify the date to be followed for considering of completed works.	The last 05 years for considering of completed works shall be counted upto 31 <sup>st</sup> March-2019.
2.	Turnover: A turnover of 60 crores from construction works in Delhi/NCR is mentioned under para 2(iv). Please clarify whether both type of turnover are mandatory and parallel. Whether average turnover shall be considered.	Turnover shall be as per tender clause.
3.	Solvency certificate: Solvency certificate from bankers/ auditor for an amount which is more than or equal to 40% of estimated cost of work. Please intimate the estimated cost of this work.	BOQ is given in the Tender.
4.	Bidding capacity of the contractor should be more than or equal to the estimated cost of the work put to the tender. Please intimate estimated cost as requested above.	BOQ is given in the Tender.
5.	Time for construction: Para-4, page-25 the duration of the contract is 18 months. Para 1.63 page-44 contract period is 12 months. Appendix to the form of tender page-81, time of completion inclusive of holidays & rainy period is 11 months. Please clarify the actual time allowed for execution.	The time of completion of work is 11 months.
6.	Section-VII, Form of agreement: Schedule of completion of work shows two basements and third floor also. As per architectural drawings supplied there is only single basement and building upto second floor only. Please clarify and time schedule may also be modified.	There is only single basement and building is only upto second floor level.
7.	Approximate 6500 cum of earth is to be excavated. There is hardly any space available at site for staking of excavated earth. Please specify the area where excavated earth can be stacked and lead thereof.	It would be as per relevant clauses given in the tender.
8.	There may be requirement of dewatering from the excavated area to keep the base dry and free from water logging till lying of raft. Kindly intimate the disposal point for such pumped out water.	It would be as per relevant clauses given in the tender.
9.	Para 1.9 additional performance security: If contractor quotes abnormally low rates than a formula is given for working out the additional performance security. The estimated rates are not mentioned in the bid documents. Please clarify if this clause is applicable or not.	It would be as per relevant clauses given in the tender.
10.	Item for structural glazing is not available in BOQ.	Refer elevation drawing and BOQ.

11.	Item for barricading work is included in contractor's scope of work in Special Condition of contract whereas it is also taken in BOQ. Please clarify.	Item is deleted from BOQ.
12.	Please provide the specifications of wooden glass partition.	Providing and fixing in position 1250/1200 mm height double skin wooden partition made out of Frame work to be 50X50X1.60mm thick aluminum section weight not less than 0.836 kg/RMT with maximum distance of 450mm c/c both ways (Horizontal/Vertical) or as directed. The spacing of the members may vary either side depending upon the site conditions as per approval of Engineer-in-Charge. The partition shall be provided 12mm thick exterior grade HDF/MDF board to be fixed over the frame work on both sides approved make on both sides finished with 1.0mm plain high gloss laminate of approved makes in combination and shade up to about 750mm height. The remaining upper portions of the partitions shall have 12 mm thick plain float glass with etching and polished edges of SAINTGOBAIN/MODI/TRIVENI. Rate inclusive of beadings etc. complete in all respects.
13.	In HVAC system VRF is taken in BOQ whereas specifications and makes are considered of AHU. Please clarify.	<p><b>Specifications of VRF System:</b>  Supply, installation, testing and commissioning of factory-built Air cooled Variable Refrigerant Flow (VRF) system with INVERTOR COMPRESSOR (VRF). The outdoor unit shall be designed to work on Variable refrigerant circulation depending on actual load sensing. The unit shall be consisting with inverter compressors whose capacity is variable in each outdoor model. The variable capacity compressor shall be of inverter control as per manufacturer design to meet the total capacity. The condenser coil and condenser fans shall be sized to work even at 52°C ambient without tripping. The condenser fins shall be coated with anti-corrosive material for long life. The unit shall be of oil arrester to prevent oil migration. Suction accumulator and liquid receiver shall be provided to balance variable refrigerant circulation. The unit shall also meet CPCB norms on noise and air pollution levels as per applicable standards. The system shall operate with only two pipes i.e., suction and liquid line that can be connected to multiple indoor units. The necessary microprocessor based control system shall maintain the communication between indoor and outdoor units to operate the compressor in most efficient way and to keep the equal running time for constant speed compressors. The unit shall work with R-410A / R – 407C refrigerant gas 415 V 3 phase 50Hz AC supply.</p> <p><b>OUT DOOR UNITS &amp; INDOOR UNITS:</b>  Outdoor unit (ODU) capacity shall be of 24 HP cooling capacity in combination of not more than 1 unit and suitable electrical &amp; refrigerant interconnection with necessary control cable &amp; refrigerant suction/liquid line tapping, initial</p>

		<p>charge of Refrigerant R 410A / R – 407C etc., all complete and ready for use., as required. The outdoor units shall be modular type equipped with highly efficient optimized scroll compressors having inverter technology, heat exchanger, dc inverter fan motor low noise hot gas by pass arrangement in order to prevent the flow of liquid gas in to the compressor, oil separator at the discharge side of the compressor, oil pump at the bottom of the compressor motor in order to keep the motor at low temperature even during part load condition. Outdoor shall be provided with necessary electrical control panel, fault detection system refrigerant of R410A / R – 407C etc., all complete as required. The indoor units shall be of cassette mounted type of suitable rated as specified in the BOQ and inter connected using necessary copper refrigerant line &amp; required accessories.</p> <p><b>Approved Makes of VRF System:</b> Daikin Trane Mitsubishi Toshiba O-General Hitachi</p>
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