

PRE-BID QUERIES & CLARIFICATIONS

Name of Work: Supply, installation, testing and commissioning of Hydropneumatic Systems, Pumps, Valves and Flow Meters Works

Tender Ref no. IIMU/ WS EQUIPMENT/2017-18/12/3

Date of Pre-bid meeting : 27th December'17

S.NO.	Reference	Page no.	Query	IIMU clarification
1	Hydraulic cleansing filter BOQ Sl.no.2		In BOQ shown as 2 nos, whereas in drawing 5 nos are shown.	Rate to be quoted as per revised BOQ uploaded now. The Arrangement shall be similar as per drawings and the number shall be as per the revised BOQ uploaded now.
2	Hydraulic cleansing filter BOQ Sl.no.2	-	In drawing two nos of monoblock pumps are shown,shall the same be considered to be installed with 2nos of hydraulic cleansing filter.	NO. Pumps shall be separate item. Refer revised BOQ uploaded now.
3	As per drawing Isolation valves are shown		Kindly clarify in whose scope SITC of this item lies,in if same to be incorporated in contractor scope -the same to be shown in BOQ and technical specification with makes shall be clarified.	All Valves shall be in the contractor's scope.
4	As per drawing 150NB NRV are shown		Kindly clarify in whose scope SITC of this item lies,in if same to be incorporated in contractor scope -the same to be shown in BOQ and technical specification with makes shall be clarified.	All Valves shall be in the contractor's scope.
5	As per drawing 150NB CI-FV is shown		Kindly clarify in whose scope SITC of this item lies,in if same to be incorporated in contractor scope -the same to be shown in BOQ and technical specification with makes shall be clarified.	All Valves shall be in the contractor's scope.

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6	As per drawing Pressure gauge (1104) is shown.	-	Kindly clarify in whose scope SITC of this item lies, in if same to be incorporated in contractor scope - the same to be shown in BOQ and technical specification with makes shall be clarified.	All pressure gauges shall be in the contractor's scope. The same shall be as part of the Pump Cost
7	As per drawing FL (2101-2105) i.e flow indicator is shown.		Kindly clarify in whose scope SITC of this item lies, in if same to be incorporated in contractor scope - the same to be shown in BOQ and technical specification with makes shall be clarified. If the same is to be considered as flow meter (BOQ Sl.no.3) what size as shown in drawing after isolation valve 25NB size can be installed but in BOQ sizing starts from 32NB.	The item is of Flow meter. All the Valves to be considered as 32 mm for flow meter. The unit rate for the flow meter shall be inclusive of Isolation valve.

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8	As per drawing FL (2107-2109)i.e flow indicator is shown.	-	Kindly clarify in whose scope SITC of this item lies,in if same to be incorporated in contractor scope -the same to be shown in BOQ and technical specification with makes shall be clarified.If the same is to be considered as flow meter (BOQ Sl.no.3) what size as shown in drawing after isolation valve 65NB size can be installed but in BOQ qty required is 15 nos whereas P&ID only 3 nos required.Please provide the leftover P&ID.	The item is of Flow meter. All the Valves to be considered as 32 mm for flow meter. The rate of flow meter shall be inclusive of Isolation valve.
9	As per BOQ Flow meter of various size and qty is shown .		As per drawing & P&ID uploaded the quantity desired is very less and that to for one size only ,rest all other sizes no requirement is felt as per drawings. Please provide the P&ID for same.	Rates to be quoted for all sizes.
10	As per BOQ there is a item of pressure release valve		As per drawings & P&ID it is no where placed	Rates to be quoted for all items.

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11	As per BOQ UV Hydraulic self cleansing filter		As per BOQ it is 1 qty but as per drawing it shows 2 nos,also as per drawing the supply of water through this system is from Hydro-pneumatic system,this issue was raised in our pre bid query also in which you have clarified to use monoblock ,but the drawing is contrary to your clarification please clarify,also clarify that Hydro-punematic pumps SITC lies in whose scope and if the same lies in contractor scope it shall be incorporated in BOQ as well technical specs along with make shall be given.	Please refer revised BOQ Uploaded.
12	As per drawing in UV filter system		It is to be equipped with BFV &SV-Please clarify SITC lies in whose scope and if the same lies in contractor scope it shall be incorporated in BOQ as well technical specs along with make shall be given.	All Valves along with Equipment shall be contractor's scope. Rates to be quoted accordingly.