

PRE-BID MEETING - AUTO DOSING SYSTEM

TENDER NO.056/MYS/IMU-14/2020-21 DATED 07.10.2020

List of Participants:

- 1) M/s Vedic Pac Systems Pvt Ltd - Through Video Conference
- 2) M/s Shefa Engineers Pvt Ltd

Sl No	Queries from M/s Vedic Pac Systems Pvt Ltd	BRBNMPL Comments
1	Clause (a)/ page no. 44, we request you to please provide the layout of the auto dosing area (Annexure-1) in AUTOCAD format so that all the detailed dimensions is exactly available and we are in a position to correctly superimpose the AUTOCAD design of our auto dosing system in your layout and to ensure that our system fits correctly	As system design is part of scope of the bidder.BRBNMPL has provided space availability for the proposed system.If necessary, Bidder may visit the site and take actual dimentions to suit their design.
2	Clause (d)/ page no. 45, please confirm whether internal cabling & pipework (for water & compressed air) to be done by us? It is mentioned that BRBNMPL will provide required infrastructure at one point near proposed auto dosing unit, please confirm the approx. distance between this point and the dosing system.	It is clearly mentioned that BRBNMPL will provide required Utility services at one place near the wall of building.This will be approx. with in 5 Metre from the proposed system.However, bidder may visit the site for better understanding.
3	Clause (1), mentions accurate dispensing of all raw material is in Sequenced Manner. We request you to please provide the sequence as this will have an impact on the cycle tank.	Sequence may vary as per formulations and process requirement.
4	Clause (4), How will the bulk bags & sacks be brought next to the bulk bag unloading station & sack tipping station respectively?	Through material handling Equipments.Small sack will be lifted through Forklift.
5	Clause (6), Request you to please provide flange dimensions for the outlet of the varnish unit.	Flange Dimension-DN50.
6	Clause (8), energy efficient modules and equipment: Whether IE3 motor rating is acceptable?	Yes, it is acceptable.
7	Clause (9), Request you to please elaborate what is meant by fail safe mode? Whether providing UPS to avoid sudden breakdown / power failure / sudden stoppage is sufficient?	Fail safe means all equipments will revert to a safe condition in the event of breakdown or malfunction.
8	Clause (19), General Requirements for Data Storage: a. Ink/Intermediate Formulations: • Please elaborate what is meant by 20 lines per formulation? • Up to 1000 materials/ intermediates: Whether 1000 materials/ intermediates to be stored at all times?	1) 20 lines means one formulation may have maximum 20 ingredients. 1) Yes.
9	Clause (20), Control Cabinet- The control cabinet should be suitable to operate under hazardous environment. Request you to please clarify the hazardous requirement? Whether it has to meet ATEX zone 2 / equivalent to Indian Safety Standard.	Yes, It should be outdoor panel. It has to meet ATEX zone 2 / equivalent to Indian Safety Standard.
10	Clause (22), Liquid Dosing: In the chart for liquid dosing provided, you have mentioned Extender Powder 1 & Extender Powder 2. Request you to please clarify.	The Dosing chart is indicating all the required ingredients to be dosed irrespective of its physical form.

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11	Clause (22), Provision to be made for extension if required in future. Please clarify what sort of provision to be made? Whether this is over & above the "4 additional connections for Varnish from Bulk Storage Tanks" (mentioned in the chart).	Provision should be made for integration of more dosing stations if required in future.
12	Clause (22), (d): Drier is part of the formulation. Is this a hygroscopic ingredient?	Yes. It is in Liquid form and is not a hygroscopic ingredient.
13	Clause (22), (f): Please confirm washing pump to be included in our scope?	Yes.
14	Clause (23), (b). Extender Powder 1 & (c). Extender Powder 2: Please clarify about screening of both extenders. Whether this has to be provided?	Yes, Screening is required for removal of foreign particles in the raw material.
15	Clause (27), Please confirm any specific make of drives/motors to be used in the system.	Motors - Any reputed make like Crompton Greaves/ABB/Kirloskar/Bharat Bijilee/Equivalent. Drives - Any Reputed make like ABB/Siemens/Schneider/Danfoss/Equivalent.
16	Remote Access: Please confirm whether remote access is to be provided?	Provision to be made for remote access, will be activated by BRBNMPL as and when required.
17	Clause c)/ Page 44: You had mentioned that "Bidder has to submit the layout... - approved by BRBNMPL". Does it mean that we have to submit GA drawing of proposed system along with Technical Bid?	Yes, Bidder has to submit the layout along with technical bid.
18	Payment Terms: Section V, point 8 states "90% on receipt and acceptance of goods by the consignee at destination and on production of all required documents by the supplier & 10% after successful installation, commissioning, testing, training & completion of FAT and issue of FAC". However, in Section VI: List of requirements under "required delivery schedule" there is payment term mentioned as "80% payment based on the supply effected by partial shipment will be made by the supplier as per the invoiced value and payment terms. However, 20% payment of all equipment will be retained and it will be released only after the issue of FAC". We assume that the payment term has been mistakenly specified in delivery schedule, and request for clarification in this regard.	Payment Terms may be read as "90% on receipt and acceptance of goods by the consignee at destination and on production of all required documents by the supplier & 10% after successful installation, commissioning, testing, training & completion of FAT and issue of FAC".
19	Clause e)/ page 45: The clause says "A certificate in this regard will have to be submitted at the end of the installation and commissioning" Does that mean BRBNMPL needs ATEX certificate for all Individual equipments? Do you also like to install Electrical control panel in ATEX Zone 2 Area?? Please note that PCs and Server suitable for ATEX Zone 2 operation are rarely available. Please confirm whether you like to install the same in safe zone preferably in separate room. The HMI can be supplied suitable for ATEX Zone 2 operation.	1) All Device should have ATEX Zone 2/equivalent Indian safety standard compliance (Flameproof & Explosion proof) wherever applicable. 2) Yes 3) PC and Server need not be in ATEX Zone. However, suitable provision shall be made by the bidder to install PC and Server in suitable safe zone.
20	Clause f)/ page 45: Please elaborate the scope of Civil work in this clause.	Civil work will be in the scope of the bidder. It shall be as required for installation of the proposed system as per bidder design.
21	Clause 5/ page 46: Do we need to supply separate HMI for these outdoor Varnish tanks or it can be integrated in main SCADA system (Anyways it will be controlled through main SCADA)	The Pumps to be integrated with SCADA of the auto dosing system.

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22	Clause 6/ page 46: Please provide Specifications of existing pumps.	1) Screw Pump, Make-Kral, Capacity-57.49 Litre/Min. Operating Pressure-4 Bar, RPM-1450. 2) Motor - Make-elpromtech, Italy, KW-1.5, RPM-1415, 3-phase.
23	Clause 22. Liquid Dosing. F) /Page 50: Please share name and more details about washing liquid. Is it solvent? What is the viscosity of this washing solvent?	Exxsol D60 or equivalent. Viscosity- 2-5 mm2/s at 20 deg C as per ASTM D7042.
24	Clause 25. Manual Weighing/Page 52: How many ingredients will be part of Manual weighing? What is the Total quantity? Maximum weight of largest component of manual weighing batch? Are all ingredients in powder form ?	Manual weighing will be for powders(pigments). Largest component for manual weighing is about 100 Kg/batch. It is clarified that pigment powder will be loaded manually always. However, in case of exigencies like failure of dosing system, we shall be able to load all materials manually.
25	Required delivery schedule to be extended by 01 more month i.e.. 07 months from the existing 06 months.	As per request of the bidder,required delivery schedule: "F.O.R. BRBNMPL, Mysuru Basis. to be completed within the specified delivery period of 6 months from the date of issue of Letter of Intent (LOI)" has been changed to "F.O.R. BRBNMPL, Mysuru Basis. to be completed within the specified delivery period of 7 months from the date of issue of Letter of Intent (LOI)". All other delivery schedule requirements remain unchanged.
<p>Note:</p> <p>1) The above points raised by M/s Vedic Pac Systems Pvt Ltd were discussed in presence of representatives of M/s Vedic Pac Systems Pvt Ltd(through video conference), M/s Shefa Engineers Pvt Ltd(in person) and Nominated committee of BRBNMPL.</p> <p>2) The representative of M/s Shefa Engineers inspected the site and noted down all required information for participating in this tender.</p>		

BRBNMPL

1) A K DAS, AGM

2) K C SAHU, AGM

3) S SRIKANTH. MGR

4) Y K JOSHI, MGR

M/s SHEFA ENGINEERS

M/s VEDIC PAC SYSTEMS PVT LTD

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