

Tender Enquiry No. 028/IVS/VARNIK-32/2021-22 dated 30.06.2021 on 15.07.2021 @ 10:00 Hrs.

List of Participants:	M/S Shree Engineers Pvt Ltd, Chhatrabad- Personally attended at Varnika	Committee Members:
M/S Abigail Enterprises, Bolser- Through Video Conference	M/S TIPCO Engineering Works, New Delhi - Through Video Conference	Shri P K Biswal, DGM
		Shri S M Pawalle, DGM
		Shri A K Das, AGM
		Shri Udayan Gupta, AGM
		Shri Y K Joshi, MGR
		Shri Sandeep K D, MGR

Sl No	Queries from M/s Abigail Enterprises, Bolser	BBRBMPL Comments
1	Whether Jacket is SS-304 / 316 or M.S.	Jacket material shall be SS316L as per tendered specifications.
2	What are the Self-Cleaning Filters? Can you share some details about the same	Membrane filters preferably EATON make/equivalent.
3	What about hot oil - do we have to provide the boiler along with the same	Thermal heating system (by electrical heaters) for heating the oil is in the scope of bidder.
4	Load Cells to be used?	Suitable load cells having tolerance +/- 2% to be used.
5	Since we are charging by pumps which material is manually added?	Solid material will be added manually through manhole.
6	Whether Vacuum is required?	No.
7	IBC is 1000 litres and drums are two hundred litres	The product delivery to be done as per requirement.
8	Level indicators what types to be provided.	Suitable level indicators to be provided to indicate levels at reactor.
9	Temperature measurements from top and bottom	Reactor temperature to be monitored and displayed from top and bottom.
10	Nitrogen purging top or bottom	Nitrogen purging shall be from top.
11	To manufacture lower quantity products on In Impact coil.	Yes, Minimum 100 kg varnish can be prepared in reactor.
12	Manhole, 2 1/2" flanged inlet liquid, 80 NB, light & sight glass	Manhole round with 2 feet diameter, Flanged inlet liquid, 80 NB, light & sight glass as per tendered specifications.
13	Condenser - any particular size	Suitable condenser as per reactor capacity.
14	Filter System to filter resin	Filter system mentioned is for product discharge to filter particles upto 50 microns.
15	Spare / Standby Pump required for all?	Standby pumps to be given for all heating unit and product discharge pumps.
16	What is the temperature accuracy?	3 segments or as per design requirements.
17	Profile control no. of profile or segments	Valves to be used as per heating and cooling circuit requirement.
18	Output 4-20 mA proportional valve or control valve for both heating & cooling	Acceptable.
19	UPS backup for 2 hours	Reports to be displayed and printable. Final format of reports will be discussed and finalised with successful bidder.
20	Generate Reports	Auto means full reactor operation in auto mode without manual intervention. Semi-auto means operation can be manually intervened as per requirement. Manual means complete operation by manual mode.
21	Auto / Semi-Auto / Manual	



22/7/21

Sl No	Queries from M/s. Shera Engineers Pvt Ltd, Ghaziabad.	BRBNMPL Comments
1	Delivery schedule Installation, Commissioning & testing and final acceptance of machinery alongwith auxiliary system should be completed with 90 days instead of 60 days from the date of receipt of machines at BRBNMPL Mysore. Structure steel will be either sand blasted with grating platform OR Galvanized steel / grating	Delivery schedule as per tendered specifications. Galvanized steel with grating platform.
2	There is no radiography or NPT/DPT for weld.	Certificate with respect to radiography or NPT/DPT for weld to be provided by bidder.
3	Please provide us layout of plant where to have stairway for plant operator and location of Emergency ladder	Design is in the scope of bidder and bidder has to submit the proposed layout.
4	Reactor jacket is SS 304 or SS 316 L.	Jacket material shall be SS316L as per tendered specifications.
5	Please confirm the filtration of final varnish from reactor in microns.	50 Microns Minimum grit is 25% of the geared motor speed but not more than 30 rpm and maximum is 75 rpm.
6	Please confirm the range of variable speed mini RPM to maxi RPM for selection of VFD	Ramping rate of heating and cooling to be as per tendered specifications.
7	Ramping rate of heating depends on the oil & resin enthalpy however 1.7 degree C/min heating & 0.7 degree C/min cooling if possible should be achieved or give us the thermal / Enthalpy of all ingredients based on which the design of ramp will be decided by you team.	
8	All equipment's should be ATEX Zone-1 certified for electrical / Electronics for PLC based & SCADA based only and not for fabricated equipment's.	ATEX Zone - 1 for all equipments except structure.
9	Payment Terms: looking at payment term in all these terms mentioned on different pages are not clear to understand.	90% payment on receipt and acceptance of goods by BRBNMPL 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, 100% payment towards installation, commissioning and training charges shall be released after completion of FAT and issue of FAC.
10	Clause No. 9 Goods and Services Tax: Do Supplier has to mention amount of GST separately in tender.	GST to be mentioned as per price bid format.
11	Clause No. 6.1 Performance bond/ security: Same like in our first query here asp different rate is reflecting. GSS Clause No. 6	Performance bond/ Security shall be 3% of total order value.
12	Clause No. 12.2 Insurance: In this addition to cost a supplier will quote.	As per clause 12.2.
13		

Notes: Representative of M/s TIPCO Engineering Works, New Delhi has attended pre bid meeting through video conference and confirmed that they do not have any queries pertaining to above stated tender.

Committee Members:

1. Shri P K Biswal, DGM
2. Shri S M Pawale, DGM
3. Shri A K Das, AGM
4. Shri Udayan Gupta, AGM
5. Shri Y K Joshi, MGR
6. Shri Sandeep K D, MGR

(Handwritten signatures and initials)

List of Participants:

- M/s Shera Engineers Pvt Ltd, Ghaziabad- Personally attended at Varanika
- M/s Adigeell Enterprises, Bolar - Through Video Conference
- M/s TIPCO Engineering Works, New Delhi - Through Video Conference

(Handwritten signatures and dates)

