

**Details of Pre-Bid meeting held on 07.08.2019 for NCB vide Package No. TEQIP-III/2019/SLIE/38 are given below:**

1. MoM of pre bid meeting are attached as **Annexure-I**.

2. Clarification for Section-VII is as follows:

*“Addenda” means “any addendum issued related to NCB”*

3. Clarification for Section-XI is as follows:

*Details of experience and past performance of the bidder on equipment offered and on those of similar nature within the past 3 years and details of current contracts in hands and other commitments*

4. Clarification of queries raised by M/s Festo (I) Pvt. Ltd. Noida through email on 08.08.2019 (w.r.t. the Pre-bid meeting) and reply thereof is attached as **Annexure-II**.

**5. Last date for submission of bid has been extended up to 30.08.2019, as per following revised schedule:**

<b>Details of the activity</b>	<b>Revised date &amp; Time</b>
<b>Last date for submission of the bid document</b>	<b>30.08.2019 &amp; 02:30 PM</b>
<b>Opening of the bid document</b>	<b>30.08.2019 &amp; 03:30 PM</b>

6. Other terms and conditions remains the same as per the bid document.

This bears the approval of competent authority dated 23.08.2019.

Coordinator (Procurement)  
TEQIP-III

**Minutes of Meeting**

**Subject: Pre-bid meeting for establishing of Centre for Training and Research in Automation  
(Package No. TEQIP-III/2019/SLIE/38) under TEQIP-III.**

A Pre-bid meeting has been held on 07.08.2019 at 11:00 AM in the Committee Room, ECE Department (First Floor) SLIET Longowal regarding establishing of Centre for Training and Research in Automation. Following were present in the meeting:

Sr. No.	Name of the Officials
1.	Dr. A.S.Arora, Prof.(EIE)
2.	Dr. Sanjay Marwaha, Prof.& HOD (EIE)
3.	Er. Anil Singla, Coordinator (Procurement) TEQIP-III
4.	Dr. Partibha Tyagi, AsP (EIE)
5.	Dr. Manoj Goyal, AsP (ME)
6.	Dr. Raj Kumar Garg, AP (EIE)
7.	Dr. Ashwani Kumar Aggarwal, AP (EIE)
8.	Dr. Manminder Singh, AP (CSE)
9.	Mr. Sandeep Gupta, Senior Sales Engineer, Festo India Pvt. Ltd.
10.	Mr. Sameer Mohindra, Asst. Divisonal Manager, SMC
11.	Mr. Ashok Pal Singh, Sales Manager, SMC

The queries raised by the bidders have been considered and replied as:

- Specific brand/trade name of any software/ hardware will not be considered. However, specifications tendered should be complied with.
- Clarification related to maintenance and operation of Centre for Training and Research in Automation has been clarified to the bidders.
- It has been clarified that perpetual license for all software should be provided including up gradations free of cost during warranty and AMC period.
- Provision should be made for training of 20 students simultaneously.
- Orders of complete equipment package have to be awarded to only single competent party amongst bidders as per bid documents.
- Supporting documents related to spare parts and sales services should be provided by the bidder.
- Soft copies of the training modules/course materials must be provided by the bidders.
- Bidders have to own the responsibility against all third-party claims.
- Clause of AMC has been clarified.
- The query related to scope of work under learning programme has been clarified.
- Clarified regarding proforma for Section 11 and Section 7 (of bid document) will be issued on the institute's website.
- Many of the queries raised by M/s Festo India Pvt. Ltd., Noida and M/s SMC, Noida during the meeting have been satisfactorily replied.
- According to M/s Festo India Pvt. Ltd., Noida, there are few specifications which are not neutral, however the representative of the company could not point out specifically in today's meeting. On his request, the company has been given time by 08-Aug 2019 up-to 5 PM to send specific response in this regard, failing which this observation will be treated as null and void.

Meeting ended with the vote of thanks.

**Subject: Reply of Queries raised by M/s Festo (I) Pvt. Ltd. Noida through e-mail on 08/08/2019. (Package No. TEQIP-III/2019/SLIE/38)**

S. no.	Details as per Tender Document with Reference	Query	REPLY
1	<p><b>Scope of Engagement: Ref: PAGE NO.53</b>  <b>(a) Scope of Engagement under Skill Development</b>                      2. Training of Trainer (deputed by SLIET) by bidder for one year through Master Trainers to make them fully competent to independently run the Centre.</p>	<p>Minimum Duration of Training Period and also about the training Location (Bidder or Buyer) is not defined. Please offer exact clarity on one year training or is it handholding to make them competent.</p>	<p>The training has to be provided ONCE on all the equipments in SLIET after successful commissioning to make them competent. After that supplier will help the trained people for any guidance. The master trainer may be called on need basis. The master trainers will be paid if invited after the initial training.</p>
2	<p>3. Full responsibility for running the operation of centre initially.</p>	<p>Duration / Period of Initial Phase. The scope of responsibility has to be defined, if it is other than hand holding.</p>	<p>During the warranty period, the supplier is fully responsible for the smooth running of all the equipments. However, it will be run by the SLIET. After that the supplier will sign the AMC with SLIET for the maintenance and interruption free operation of all the equipments.</p>
3	<p>4. However, software upgrades and support will be provided even after the period of 1 Years.</p>	<p>Mentioning of Upgrading period.</p>	<p>The basic pneumatic and electro-pneumatic software has to supply for 20 PCs. The software has to be upgraded by the supplier free of cost if needed for the supplied equipments in future. The simulation software must be of at least six user educational licences.                      At least single user e-learning licence of 10 years for the trainers must be the part of the supplied software</p>
4	<p><b>(b) Scope of Work under Learning Program:</b>                      2. Providing need based Master Trainers / faculty and skilled labor to run the training programs in the centre for a period of 3 Years.</p>	<p>Incomplete info on duration and there is no clarity on whether this will be a paid service or free service.</p>	<p>The training has to be provided ONCE on all the equipments in SLIET after successful commissioning to make them competent. The training people may be called on need basis only for the first year without any charges. After that Supplier will help the trained people for any guidance. The supplier will promote the SLIET, training centre to his clients in the northern region.                      The master trainers will be paid if invited during any training programme for the outside people.</p>
5	<p><b>SECTION VI-A: QUALIFICATION CRITERIA - Ref: PAGE NO. 76Part B :</b> The committee constituted by SLIET shall evaluate the detailed project report submitted by the bidders. The prospective authorized bidders may be invited to make presentation before the committee.</p>	<p>Contents on the proposed project report/presentation need to be mentioned very clearly. The evaluation criteria should be clearly defined.</p>	<p>The evaluation criterion will be elaborated while calling for presentation.</p>

**TECHNICAL SPECIFICATION QUERIES:**

S. NO.	DESCRIPTION	PAGE NO	QUERY	REPLY
1	<b>BASIC + ADVANCED PNEUMATIC + ELECTRO PNEUMATIC TRAINING KIT</b>	54	High load to be specified Component mounting and identification to be generalised instead of specifying MS plate Alternate power jacks to be considered in case of better operating ranges and to be open for other sizes/ranges example 4mm.	It means the pressure of the air should not drop while working on the trainer. All the components must be mounted on the MS plate suitable for the insertion on in the work panel. The size of the plates should be compatible with the working table. The ISO symbols of the switches must be there on the switches well as on the MS plates. The power jacks must be suitable for the respective electro pneumatic switches. All these switches must have the suitable connections for the 4mm tubing.
		55	Mounting arrangement is to define (lock/unlock) to one manufacturer. Basic mounting by individual manufacturer should be accepted the criteria can be easy mounting without using additional tools. Valve design to be appropriate as per manufacturer supply. It cannot be too specified.	The MS plates should have been properly placed with minimum movement while performing. The valve should be able to perform as per specifications.
		58	Colour of push buttons not to be specified as they can be used interchangeably	The push buttons colour must be as per pneumatic diagrams standard.
		59	Counter range specification to suite laboratory requirement, even 4 digits should suffice.	Minimum 04 digit counter is acceptable.
2	<b>Training Kit PLC-Module:</b>	60	PLC of similar configuration to be considered.	PLC of any leading brand is acceptable.
3	<b>PICK AND PLACE DEMO KIT:</b>	60	Specification for Pick & Place to be generalised to demonstrate pick & place of work piece as per process considered by the manufacturer. Quantity of actuators and sensors to match the tender requirement should be acceptable.	Quantities of actuators and sensors as per tender requirement are acceptable However any advanced up gradation / sensors for this equipment are acceptable without any additional cost.

4	<b>SORTING DEMO KIT:</b>	61	Specification for Sorting to be generalised to demonstrate sorting of work piece as per process considered by the manufacturer. Quantity of actuators and sensors to match the tender requirement should be acceptable.	Quantities of actuators and sensors as per tender requirement are acceptable. However any advanced up gradation / sensors for this equipment are acceptable without any additional cost.
5	<b>STAMPING DEMO KIT:</b>	62	Specification for Stamping to be generalised to demonstrate stamping of work piece as per process considered by the manufacturer. Quantity of actuators and sensors to match the tender requirement should be acceptable.	Quantity of actuators and sensors to as per tender requirement are acceptable. However any advanced up gradation / sensors for this equipments are acceptable without any additional cost.
<b>Note for 3 – 5: Festo is being pioneer to develop the above trainer kits since 1991 and are being used across the world. For this kind of kit each manufacturer would have their own conceptualisation.</b>				<b>No comment</b>
6	<b>VACUUM TECHNOLOGY:</b>	64	The Vacuum technology kit to be generalised to include skills for sizing, application and selection of vacuum generators and cups which shall include the main components as per manufacturer offerings.	The kit must be able to demonstrate as per tender. However any advanced up- gradation / sensors for this equipment are acceptable without any additional cost.
7	<b>TRANSPARENT HYDRAULICS / ELECTROHYDRAULICS TRAINER:</b>	65-69	Transparent hydraulics kit being not an industrially prevalent arrangement, alternate specification needs to be accepted with example change in diameters, stroke length, pressure range 8 – 10 bars. As pneumatic kit requirement is based on industrial components the same can be offered uniformly as mentioned in the bid.	Transparent hydraulics kits are required to show the working of the valves to our students. It must be able to demonstrate as per tender. The components specifications should meet per tender. The transparent kits are the main requirement for out students. The industrial products are proposed due to their longevity and accurate results.
8	<b>SENSOR TRAINING KIT</b>	70	Make of sensors to be generalised.	The kit which is able to perform all the practical activities mentioned in the tender are acceptable. However all the sensors must be of industrial grade and the minimum quantity has to be as per tender.