


Modifications after the pre-bid meeting held on 21st Oct. 2019

**Expression of Interest (EoI) and Request for Proposal (RFP) for selection of
Technology Partner to set-up a Centre of Excellence (CoE) for imparting
High-end Skill Training, Industrial Consultancy and Research Works
in the field of Industry 4.0 & Digitalization**


1. The Quantity of Software/Hardware in each Lab:

Note: All products supplied must be of industrial grade. Educational / training setup will not be accepted, unless mentioned otherwise. In each lab, any additional utilities, accessories and appropriate quantities can be offered by the Bidder as per their proposal. Consumables as required must be provided to run the setup for duration of 6 months, i.e. sufficient to train at least 2,500 students.

S.No	Labs	Quantity
1	Product Design lab - Software lab	Minimum of 20 Licenses
2	Design and Prototyping lab	Minimum 1 Quantity.
3	Industry 4.0 – Smart Manufacturing Lab	One completely integrated setup with all the necessary equipment as mentioned in the technical scope.
4	PLC and SCADA Automation lab	Minimum 2 different variants of PLC with different features. Bidder to offer suitable quantity.
5	CAD/CAM Manufacturing Lab	Minimum 1 quantity
6	IoT – Cloud based IoT	<ul style="list-style-type: none">• Minimum 20 user access with 30 - 50GB Data storage• Prebuilt IoT apps connecting to the labs like Smart Manufacturing, Mechatronics, & CAD / CAM Manufacturing Lab.
7	Manufacturing process lab - Software lab	Minimum of 20 Licenses
8	Mechatronics lab	Minimum 1 for teaching and 1 for student practice
9	CNC Controller lab	<ul style="list-style-type: none">• Advanced level controller for training on advanced applications necessary in aerospace and medical components• Basic level controller as used in industries today.• Bidder to offer suitable quantity
10	Automatic Welding robot	<ul style="list-style-type: none">• One Spot Welding cell• One Pulse MIG Welding cell
11	Sensors and instrumentation lab DCS system with Sensors	<ul style="list-style-type: none">• Minimum 1 set: DCS System with set of Sensors for different technologies.• Bidder to offer suitable quantity
12	Computer Aided Engineering (CAE) and analysis lab – Software and hardware lab	<ul style="list-style-type: none">• Minimum 20 Licenses• Minimum 1 test bed for automobile model and 1 test bed for plane model.
13	Motors and drive control lab	<ul style="list-style-type: none">• Minimum 1 set: AC/DC Drive system integrated with PLC• Minimum 1 set: Industrial grade Switch gear setup• Bidder to offer suitable quantity


22/10/19

2. Technology partner or the Executing Partner should be certified as a Sector Skill Partner from NSDC or any other recognized and equivalent agency in India.
3. The deployed manpower of Execution partner should have been certified by Technology Partner and should have relevant industry experience.
4. The Technology Partner should have executed a minimum 5 such CoE's within India during last 5 Years in Central Govt./State Govt. Institutions with a minimum of 2 CoEs in Central Government Institutions.
5. Payment Terms:
 - a. 40% of Total Contract Price + 100% GST will be paid on execution of the Agreement, against the single proforma invoice;
 - b. 40% of the payment against supply of goods and submission of invoices – payment will be cleared against each supply and submission of individual invoices on delivery of Software/Hardware products as mentioned in the BoM;
 - c. Balance 20% of the Total Contract Price shall be paid after successful installation, testing and commissioning against the invoice.


22/10/19
(A. Venu Gopal)