

On behalf of Indian Institute of Information Technology & Management Kerala (IIITMK), Director invites offers on Two Bid system for the supply & Installation of following "Mechanical tools" with the following specifications.

### Detailed Specification

Item	Qty	Specification	Compliance (Yes/No)
Heavy Duty Hydraulic Hacksaw	1	200mm (8"), Round Bar, Square Bar : 150mm (6"), Stroke : 140mm, Blade Size :14". The machine is supplied with Length Gauge, V-Belt Guard, Mechanical Coolant Pump, V-Belt, 1 HP, 3Ph., Electric Motor, Starter & Wiring.	
Bench Grinder	1	Double Ended 0.5 HP 3Ph 2880 RPM fitted with Grinding Stones and Rotary Switch.	
Angle Grinder	1	5 inch blade, SDS-clic Quick-clamping nut, Vibration emission value ah - 8.5 m/s <sup>2</sup> . Uncertainty K : 2 m/s <sup>2</sup> . Power output: 820 W, Rubber backing pad diameter: 125 mm, Wire cup brush, diameter 75mm, accessory : Backing flange, Protective guard, Locking nut , Vibration Control auxiliary handle, Two-hole spanner.	
Hydraulic Machine Vice	1	150 (PLAIN), Open: 150mm, Jaw Width: 150mm, Depth of jaws: 55mm.	
Mitre Saw	1	Square lock Quick Release fence, integrated dual line laser, Cutting capacity, 0° 104 x 341 mm, Cutting capacity, 45° mitre 104 x 240 mm, Cutting capacity, 45° incline 51 x 341 mm. Saw blade diameter 305 mm, Power 750 W, No load RPM 11 RPM.	
Chop saw	1	Wheel Dia in Inch : 14 Inch Speed (RPM) : 3900 RPM, Power 2300 W, Accessories : Cutting wheel and spanner. Capacity : 355mm.	
Aluminium Hvlp Spray Gun	1	Spray Gun with Color Bucket & Tools (1.4mm, Blue) Compatible Hose 25 Feet with Connectors.	
Double End Spanner Set	1	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm	
Ring Spanner set	1	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm	
Allen Key Set	1	1.5, 2, 2.5, 3,4,5,6,8,10 mm	
Magnetic Stand	1	Dial indicator Range: 10mm	
Orbital Sander	1	Heavy Duty Random Orbital Sander, noise level: Sound pressure level 77 dB(A); Sound power level 88 dB(A). Uncertainty K= 2,8 dB. Sanding pad diameter : 125 mm, Oscillating circuit diameter : 2.5 mm, Rated input power 250 W. No-load speed : 7.500 – 12.000 rpm, Orbital stroke rate 15.000 – 24.000 rpm, Eccentricity 1.25 mm, Sanding sheet / disc attachment : hook-and-loop fastening.	
Granite Surface	1	Size : 1000 x 1000 x 150 mm.	

Plate			
M.S. Fabricated Stand	1	For Granite Surface Plate	
Impact Wrench.	1	Li-ion Battery equipped Cordless device, Fastening Capacities : standard Bolt: M12 - M22 (1/2" - 7/8") High Tensile Bolt: M12 - M16 (1/2" - 5/8"), Square Drive : 12.7 mm (1/2"), Impacts per minute (ipm) : 2,200. No load speed (rpm): 1600, Max. fastening torque: 440N.m (3,900in.lbs), Sound power level: 105 DB(A), Sound pressure level 94 dB(A), Standard Accessories: Fast Charger, 2 Batteries	
Rotary Tool Kit	1	12V Max Lithium-Ion Cordless Rotary Tool Kit with 46 pieces, Speed: Variable (5,000 - 35,000 RPM), battery power 1.5 Ah Minimum.	
Cordless Screwdriver	1	Cordless Screwdriver with 33 Bits set, noise level : Sound pressure level 70 dB(A); Sound power level 80 dB(A). Uncertainty K= 3 dB. Tool holder : minimum 1/4" internal hexagon.	
Impact Driver Drill	1	Cordless Impact Driver Drill, Max. Torque - 92 / 43 Nm (814in-381in lbs.)No Load Speed - 0-400/0-1800 RPM (Low-High)Impact Per Minute - 0-27000/0-6000 (High - Low), Drill Chuck : key less 13mm with 22 Stage Torque. Battery minimum 4 Ah.	
Battery	1	12 V 48 Ah Minimum, Maintenance free tubular GEL Technology, Minimum 2 year replacement warranty. Cycles : Minimum 800 at 80% depth of discharge.	

### **General Terms and Conditions**

- Tender Documents shall be available only on the Internet and shall not be available for sales elsewhere. Cost of tender document, 0.2% of the tender value rounded to nearest multiple of 100, subject to minimum of Rs. 400 and maximum Rs.1500/- + GST(18%) as applicable to be submitted along with the tender.
- Supplier will have to pay penalty on non-delivery after expiry of delivery date @ 0.5% per week subject to maximum of 10%.
- Supply at Maker Village, KINFRA, Hi-Tech Park Zone, Kalamassery, Kochi. Delivery / installation should strictly be completed within the stipulated period of delivery i.e. **Four Weeks**
- If any equipment or part thereof is lost or found defective during transit, the supplier shall immediately arrange for the supply of the equipment or part thereof as the case may be.
- IITMK reserves the right to cancel the order in case the materials are not supplied within the stipulated period or non - fulfillment of contractual obligations.
- The tenderer must pay earnest money along with his tender as given in the notice inviting tenders failing which the tender will be summarily rejected. Earnest Money Deposit of Rs. 4294/- be paid as demand draft favoring The Director, IITMK payable at Trivandrum. No interest shall be paid by IITMK on the Earnest Money Deposited by the tenderer. EMD of unsuccessful bidders will be returned without any interest, upon finalization of contract or on expiry of validity of offer. EMD of the successful tenderer will be returned without any interest, after receipt of performance security.

- IIITMK shall make payment within 30 days of satisfactory installation and acceptance of the items supplied and issue of warranty certificate, if any. Any condition for payment of advance shall not be acceptable to IIITMK. In case of any defects to the materials supplied by the bidder, it should be replaced prior to release of the payment. 100% of the contract amount shall be released through after commissioning, training and acceptance of the instrument and submission of Bank Guarantee for 5% contract value as performance warranty with a validity of 60 days from the date of completion of warranty period.
- Warranty/ Support: Standard Manufacturer Warranty. Warranty shall include free maintenance including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should remain unattended for more than 48 hours. The defects, if any, during the guarantee/ warranty period are to be rectified free of charge by arranging the replacement wherever necessary.
- Quoted rate: The quoted rates shall be inclusive of all taxes and also the bidder shall include charges like GST, freight, handling, loading, unloading, insurance premiums and placement at the facility and commissioning and installation and shall remain firm throughout the contract period. No compensation will be paid in case of any upward revision in the statutory taxes and levies or introduction of new taxes and levies.
- Bidder shall be responsible for commissioning of the supplied device without any additional cost to the buyer. The bidder shall clearly mention delivery schedule in the offer
- IIITMK -Maker Village is eligible for GST at concessional rate(5%) where applicable as per Govt. of India Notification No.47/2017- Integrated Tax (Rate) dt. 14.11.2017, IIITMK-. Buyer shall provide necessary documents in this regard if required.
- The bidders shall submit their price bid on delivery at Maker Village Kochi basis
- Payment Terms - 100% of the contract amount shall be released after commissioning, training and acceptance of the instrument and submission of Bank Guarantee for 5% contract value as performance warranty with a validity of 60 days from the date of completion of warranty period.
- The bidder shall provide standard manufacturer's warranty for the supplied device/instrument, Should be minimum one year. The warranty period shall commence after delivery of product at Maker Village, Kochi.
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- Firm period of Tender will be 90 days from the date of notification.
- The due date will be on 05/08/2019 at 3PM & bid opening on same day at 3.30PM
- IIITMK reserves the right to accept any quotation and to reject any or all quotations. .

Place: Technopark  
Date: 22/07/2019

Director

**IIITM-K**  
**Financial Bid**  
**Tender Enq. No.**\_\_\_\_\_

Total amount for providing following items at Maker Village as per the terms and conditions contained in the Tender document shall be Rs.\_\_\_\_\_ (Rupees.\_\_\_\_\_) including all taxes.

<b>SL. No</b>	<b>Item</b>	<b>Quantity</b>	<b>Amount</b>
1.	Heavy Duty Hydraulic Hacksaw	1	
2.	Bench Grinder	1	
3.	Angle Grinder	1	
4.	Hydraulic Machine Vice	1	
5.	Mitre Saw	1	
6.	Chopsaw	1	
7.	Aluminium Hvlp Spray Gun	1	
8.	Double End Spanner Set	1	
9.	Ring Spanner set	1	
10.	Allen Key Set	1	
11.	Magnetic Stand,	1	
12.	Orbital Sander	1	
13.	Granite Surface Plate,	1	
14.	M.S. Fabricated Stand	1	
15.	Impact Wrench.	1	
16.	Rotary Tool Kit	1	
17.	Cordless Screwdriver	1	
18.	Impact Driver Drill	1	
19.	Battery	1	
<b>Grand Total(incl of all charges)</b>			

*[To be submitted in Letter Head of supplier]*

**TENDER FORM**

To,  
**The Director**  
IIITMK, Technopark Campus,  
Karyavattom PO  
Trivandrum 695581

Dear Sir,

Sub: Bid form  
Ref: IIITMK/ 0689 /19

1. Having examined the conditions of tender contract, the receipt of which is hereby duly acknowledged. i/we undersigned, offer to supply all hardware & software and execute all works in conformity with tender specifications referred above and also to the said terms & conditions from the sum shown in the commercial bid(s) attached herewith and made part of this bid.
2. I / We undertake, if our Bid is accepted to complete delivery & commissioning of all Items specified in the contract within 4 weeks calculated from the date of issue of your purchase order/LOI.
3. We understand that you are not bound to accept the lowest or any bid, you may receive.
4. I / We affirm that I / We have enclosed the acceptance of all terms and conditions and also all brochures detailing the technical specification of the items quoted by me/us.
5. I / We hereby confirm that all the items supplied are in proper working condition and tested successfully.
6. The tender document for the works mentioned above have been obtained by me from the URL ***<http://www.iiitmk.ac.in/notifications/tenders>***, the official website of IIITM-K and I / we hereby certify that I / we have read the entire terms and conditions of the tender document, which shall form part of the contract agreement and I / we shall abide by the conditions / clauses contained therein.
7. My /our GST & PAN Numbers are as follows.

GST Registration Number. ....

PAN Number. ....

8. Dated this .....day of..... 201.....

Duly authorized to sign the bid for and on behalf of -----

[To be submitted in letter head of the supplier]