



**Central Purchase unit**  
**National Institute of Technology Srinagar (J&K) -190006**  
Email: [cpu@nitsri.ac.in](mailto:cpu@nitsri.ac.in)

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**Document for Tender No. 35 Dated 20.12.2018**

**"Tender Notice for Invitation of bids for supply of  
Power Tools  
for different sections of Central WorkShop"  
-0-0-0-**

1. Sealed Bids are invited for supply of Power Tools having detailed Specifications as given in Annexure –I, in a 2-bid format on the terms & conditions and as per the instructions given below from para-2, from interested eligible bidders:
- 2. Techno-Commercial Bid, Containing the following documents in Envelope- A:-**
  - (a) Proof of being Original equipment manufacturer or Distributor/Marketing agent/ Authorized dealer in the shape of copy of agreement and registration under law in force. (b) *The OEM (Original Equipment Manufacturer) of offered product should be ISO 9001:2015 and ISO 14001:2015 certified or certified by any other national or international regulatory body. The products quoted must also be certified.*
  - (c) PAN card & Tax registration document of the firm.
  - (d) ITR's of previous 3-years.
  - (e) *Proof of annual turnover of the firm for last three years in such trade, which shall not be less than Rs.20.00 lacs., with at least one such contract worth not less than Rs. 5.00 lacs or two such contracts worth Rs. 10.00 Lacs executed successfully with reputed Institutes/ organizations/ Departments during last three years.*
  - (f) Proof of availability of after-sale support & service centre at Srinagar.
  - (g) Bid security for Rs. 0.30 lacs in the form of CDR/BD/DD/TDR/FDR pledged to Officer In-charge, Central Purchase Unit NIT Srinagar (J&K) and tender document fee Rs.500/= in the form of DD, favoring Director, NIT Srinagar. Tender without bid security /document fee shall be rejected.
  - (h) Bid form in the format given in Annexure-II duly filled.
  - (i) List of organizations/ Institutions where similar items have been supplied & installed successfully during last 3-years.
- 3. Price Bid Containing the following in Envelope-B:-**
  - (a) Prices offered and quoted both in words & figures. Prices must be offered /quoted in the format enclosed as Annexure-III in INR only. The rates quoted should be covered with transparent tape.

- (b) The rate quoted should be FOR NIT Srinagar (J&K).
- (c) Bid price should be without over writing. However minor over writing should be clearly signed by the bidder. In case of any discrepancy between price quoted in figures and words, the price quoted in words will prevail. Bid price should be firm for the bid validity period.
- (d) All duties, taxes and levies ( GST or other charges) payable, must be quoted separately. GST as applicable to Educational & Research Institutes shall be charged. Any document required for this purpose from us must be mentioned in the offer which shall be provided along-with the Supply order.
- (e) As per SRO 129 of Government of Jammu & Kashmir, the institute is Exempted from State entry tax. The Institute will provide Entry tax exemption certificate to successful bidder with supply order. The

#### **4. Validity of Bids**

Bids shall remain valid at least for 120 days from the date of opening of the bids.

#### **5. Evaluation of Bids.**

- (a) The purchaser shall first evaluate and compare the technical bids as per following criteria to determine the techno-commercially qualified bidders:
  - (i) Properly filled and signed as per given formats
  - (ii) Conform to terms and conditions and technical specifications.
  - (iii) Are accompanied with Bid security and all other documents
- (b) *In the 2<sup>nd</sup> step, the financial bids of only those bidders who qualify from the above process will be evaluated to determine the final successful bidder.*

#### **6. Award of contract**

- (a) Contract shall be awarded to the bidder whose bid is commercially-technically qualified and is offered at lowest reasonable evaluated price.
- (b) Successful bidder shall be notified about the award of the contract through a supply order where- in terms and conditions of supply shall be incorporated.

#### **7. Payment & Performance Guarantee:**

100% (90% + 10%) payment shall be made after successful receipt of goods in good condition and accepted as per prescribed specifications by the nominated committee and after successful installation & commissioning. 10% will however be retained as security deposit against performance guarantee for the warranty period.

#### **8. Warranty and after sale service:**

- (a) All items shall carry comprehensive standard warranty of atleast 02 years from the date of installation & commissioning as well as service support after expiry of warranty.

#### **9. Settlement of disputes.**

Settlement of disputes if any shall be subject to the jurisdiction of Srinagar Courts only.

### **11. Liquidated Damages.**

If the bidder after accepting the purchase order of goods/equipments or services, fails to deliver any or all of the goods/equipments or to perform the services with-in the specified period, a penalty of 0.50%(half percent) of the price value of the item per week or part-thereof shall be imposed. The maximum penalty shall be limited to 10% of the cost. Once maximum is reached, NIT Srinagar shall proceed on its own to consider the termination of the supply order, on the risk & responsibility of the defaulting bidder.

### **12. Submission of Bids.**

(a) ***The last date for submission of bids is 09.01.2019 up-to 4.00PM.***

(b) Bids should be properly sealed.

(c) The two envelopes A & B should be separately sealed and superscripted as Techno-Commercial Bid & Price Bid.

On each envelope the due date of submission, Name of Equipment /item/department; tender number and name of bidder should also be written .

These two sealed envelopes should be sealed in a bigger Envelop with the address of the Tender receiving Officer; Tender Number; due date of submission, Name of equipment /item/department and name of bidder.

(d) Bids should be addressed to Officer In-charge, Central Purchase Unit NIT Srinagar (J&K)-190006

(e) Bids not from Srinagar shall be dispatched sufficiently well in advance so as to reach the destination as per scheduled time & date. NIT Srinagar shall not be responsible for any delay caused by Post or Courier agency.

### **13. Bid opening.**

(a) The Technical Bid (Envelope- A) will be opened first on 10.01.2019 at 2.30 pm in the office room of the undersigned in the administrative block of the Institute.

Price Bid (Envelope-B) of the qualified bidders as detailed above will be opened subsequently. Interested bidders can attend the Bid opening.

14. Notwithstanding above, the purchaser reserves the right to reject any or all the bids received in response to this N.I.T. or withdraw it without assigning any reasons thereof.

15. For any future information or corrigendum or addendum regarding this tender, please be in touch with our website: [www.nitsri.ac.in](http://www.nitsri.ac.in).

16. any clarification may sought on the following emails:

- HOD Mechanical Engineering Department:
- Central purchase Unit: [cpu@nitsri.ac.in](mailto:cpu@nitsri.ac.in)

Officer In-charge  
Central Purchase unit, NIT Srinagar  
Email: [cpu@nitsri.ac.in](mailto:cpu@nitsri.ac.in)

N.B.

1. Before preparing your valuable bid kindly go through the document fully and take care of all the requirements.
2. Bidders from outside Srinagar may please send their Bids well in advance so that these are received in time.

**No. NIT/CPU/18/ 4548**

**Dated 20.12/2018**

## Annexure-I

### “ Details and Specifications of Power Tools for Central Workshop ”

**Note: Specifications are only indicated. Bidders can quote for higher or adjacent specifications also:-**

#### a) Sheet Metal & Welding shop

S No.	Description	Technical Specification		Quantity (in Nos.)
1	Heavy Duty high torque 13mm Drill Machine	Synchronised 2 speed gear box ,slim line, all round adjustable auxiliary handle	Drill dia in steel 13/8 mm in low /high speed.	1
			Power input : 550 Watts Torque (approx. 11.5/6.0 Nm)	
			Rated speed : 1000/1900 rpm	
			Weight : 1.95 Kg.	
a	Metal drill bit set	HSS Drill Bits	1 - 10mm HSS - R bits set	10
b.	Bi Metallic Hole Saw	Sheet metal cutting	16mm	5
		Hole Saws	19mm	5
			25mm	5
			35mm	5
			51mm	5
		HSS Cobalt Pilot Drill bit	1/4" hexagonal shank	5
			Adapter	2
2	Multipurpose mini angle grinder	Powerful grinder with constant electronic control, Kick back	Grinding / cutting dia :125mm	1
			Power input : 1400 Watts Rated speed :	

		stop facility, safety guard, reinforced motor windings ,cut out carbon brushes.	11000 RPM Weight : 1.8 kg	
a.	DC disc 125mm dia		125 mm DCD Wheel	50
b.	Set of Sanding sheets		36, 60, 80, 120 grit - Zirconia	1 set of 50 nos each grit
c.	Rubber backing pad	High temperature and break resistant. Flange thread - M14	125 mm Dia	5
d.	Cup wire brush	Knotted wire	75 mm dia , 0.5 mm wire thickness, 12500 rpm	5 nos
e.	Flap discs	Zirconia glass fabric base plate, curved version, resin bonded	40,60,80,120, grit	5 nos of each grit i.e. 20 nos
f.	Inox cutting disc	super thin disc "Rapido"	High grade aluminium oxide 60 grit 125 mm dia	10 nos
3	Portable Slim Design Shear	Slim design with planetary gears with knob grip for comfortable and safe guidance.	Maximum cutting depth in steel up to 400 N/mm <sup>2</sup> : 2.8mm No load stroke rate : 2400 rpm Rated power : 500 Watts Weight : 2.7 kg.	1
a.	Knife blades		Resharpen able	10 pieces
4	Portable Nibbler	Handy, Slim narrow design with adjustable plate and easy to change cutting tools.	Maximum cutting depth in steel up to 400 N/mm <sup>2</sup> : 2mm No load stroke rate : 2400 rpm Rated power : 500 Watts Weight : 2 kg.	1
a.	Nibbling punch		Curve cutting	10 pieces
b.	Nibbling punch		Straight cutting	10 pieces
c.	Die			2 nos

5	Portable Eccentric Sander	Professional Eccentric Sander	Sanding disc dia : 150 mm Power input : 340 Watts oscillations :9000-240000pm Weight 2.1kg	1
			Weight : 4.2 kg	
a.				
b.		40,60,80,120grit		50pcs eac
7	Jigsaw GST 25M		Cuttig Depth in steel :15 mm, depth in allumn :25mm depth in wood :80mm Power input : 670 Watts	1
			No load stroke rate : 500 to 3100 rpm	
			Weight : 2.7 kg	
a.	Set of metal cutting blades		T121AF/S1122VF	1 packet of each type
			T127 D	
8	Chop Saw		Metal cutting saw DIA :355mm;bore dia:25.4mm; noload speed:3800rpm: with cutting blade	1

### **b) Tuition Kit - Carpentry Shop**

<b>S No</b>	<b>Description</b>	<b>Technical Specification</b>		<b>Quantity (in Nos.)</b>
1	2 speed drill	Electronic speed control, reversible	Drill dia in wood: 40 mm, Steel: 13 mm, Concrete: 20mm, Power : 800 Watts, Weight: 2.5 Kg	1
a	Accessory set		45 pc accessory set	1
b	Flexible shaft for carving		125mm long, 6 mm collet	1
c	Free hand router bits for wood and non ferrous metals.		Shapes: Round, cylindrical and conical	2 sets
2	Jigsaw	Electronic speed control , swivel plate , 4 stage pendulum action, Precision Control guide jaw.	Depth of cut : 150 mm	1
			Power input : 780Watts	
			No load stroke rate : 500 to 3100 rpm	
			Weight : 2.7 kg	
a.	Set of wood cutting blades	Fast cut, precession ,curve, progressor blade	T144 D, T119 BO, T234 X,T 301CD Lamination set ( T101BIF / AOF )	3 set
3	Planner	Comfortable working duo to chip clearance to left or right. 3 V groove for easy and flexible chamfering. Switch on lock.	Planning width 82mm settable chip thickness 0 - 2.6 mm , rebate depth 0 - 9mm	1
			power input : 710 W	



			No load speed : 16500 rpm	
			wt.: 2.8 kg.	
a.	Blade set	Tungsten carbide reversible blade		1
4	Circular Saw GKS 190		Saw blade dia 190 mm	1
			rated speed : 4700 rpm	
			power input : 1400 w	
			wt. : 3.9 kg.	
a.	Circular Saw blade		24 teeth, tungsten carbide	10 nos
b.	Circular Saw blade		40 teeth, tungsten carbide	10 nos
5	Mitre Saw		Saw blade dia 305 mm	1
		60 teeth	Power input : 1800 W, No load Speed : 4300 rpm	1
		80 teeth	Weight : 20.5 kg	1
6	High finish router		Power input: 550W,	1
			NO Load speed : 33000rpm	
			wt.: 1.5 kg	
a.	Router bit set		Tungsten carbide 15 piece router bits	5 nos
7	Palm Sander	Velcro and clamping system	Pad Size: 144 x 226mm, Orbit Dia: 2.4mm, Power : 330 watts, No-load speed: 5500-11000 rpm	1
			Weight: 2.6 Kg	
a	Velcro Sanding Sheets		40, 60, 80, 120, 240 Grir	Each pack of 10 nos - 2 packs of each grit
8	Eccentric sander	Universal suitable for all types of wood	Sanding pad dia : 150 mm power input : 340 v	1
			rated speed : 4500 – 12000 rpm	
			stroke rate : 24000 m –1, eccentricity	

			2.5mm	
a.	Set of Sanding sheets		60,80,120,180,240,320, grit	5 sets of each grit
			800 grit	5 sets of each grit
			280 grit	5 sets of each grit
9	Bench Saw - GTS 10 J	Bench Saw for all wood cutting applications.	1800 W table circular saw, working table: 641 x 737 mm, Square lock parallel guide, No load speed :4300 rpm	1 nos
a.	Circular saw blades for GTS	40 teeth		1
		60 teeth		1
		100 teeth		1
		120 teeth		1
10	Dust Extractor Model : GAS 55		1200 Watts, 55 Ltr capacity	1
11	GIM 60 L	Inclinometer	600 x 25 x 60 mm, Measurement range: 360 degrees, Accuracy: 0.05%, Operating period: 200 h	1

**c) Tuition Kit - FOUNDRY SHOP**

Sl. No.	Description	Technical Specification		Quantity
				(in Nos.)
1	Heavy duty angle grinder	High power, vibration control handle, Triple control safety switch, armoured coils	Disc diameter : 230 mm Rated speed : 6500 rpm Power input : 2600 Watts Weight : 6.0 kg.	1
a	grinding wheel, DCD		230 mm DCD,	20 nos
b	Inox cutting wheel		230 mm dia.x 2 mm	50 nos
2	Straight Grinder	High precession, rotation and low axial play grinding spindle, with constant electronic	Collets upto 8mm Dia. Power Input: 650 W, Ideal Speed: 12000/ 28000 rpm, Weight: 1.6 Kg	1
a	Grinding Stone	Grinding stone cylindrical hard		20
b	Grinding Stone	Grinding stone Medium hard		20

**d) Tuition Kit - Automobile WorkShop**

<b>S No.</b>	<b>Description</b>	<b>Technical Specification</b>		<b>Quantity (in Nos.)</b>
1	Heavy Duty high torque 13mm Drill Machine	Synchronised 2 speed gear box ,slim line, all round adjustable auxiliary handle	Drill dia in steel 13/8 mm in low /high speed.	1
			Power input : 550 Watts Torque (approx. 11.5/6.0 Nm)	
			Rated speed : 1000/1900 rpm	
			Weight : 1.95 Kg.	
a	Metal drill bit set	HSS Drill Bits	1 - 10mm HSS - R bits set	10
b.	Bi Metallic Hole Saw	Sheet metal cutting Hole Saws	16mm	5
			19mm	5
			25mm	5
			35mm	5
			51mm	5
		HSS Cobalt Pilot Drill bit	1/4" hexagonal shank	5
			Adapter	2
2	Multipurpose mini angle grinder	Powerful grinder with constant electronic control, Kick back stop facility, safety guard, reinforced motor windings ,cut out carbon brushes.	Grinding / cutting dia :125mm	1
			Power input : 1400 Watts Rated speed : 11000 RPM	
			Weight : 1.8 kg	
a.	DC disc 125mm dia		125 mm DCD Wheel	50
b.	Set of Sanding sheets		36, 60, 80, 120 grit - Zirconia	1 set of 50 nos each grit
c.	Rubber backing pad	High temperature and break resistant. Flange thread - M14	125 mm Dia	5
d.	Cup wire brush	Knotted wire	75 mm dia ,	5 nos

			0.5 mm wire thickness, 12500 rpm	
e.	Flap discs	Zirconia glass fabric base plate, curved version, resin bonded	40,60,80,120, grit	5 nos of each grit i.e. 20 nos
f.	Inox cutting disc	super thin disc "Rapido"	High grade aluminium oxide 60 grit 125 mm dia	10 nos
3	Impact wrench	V-groove impact mechanism with total recoil; High impact performance with low weight	Screw dia : max M30 ;Torque : 1000NM; Tool Holder : 1" external square drive; Rated Speed : 860rpm;weight : 7.3kg	1
a.	Sockets 24,27,30,32,33,36,4 1,46,50,52,universal joint			Sockets @ 2 pcs each
4	Impact wrench ;GDS18E	V-Groove impact mechanism with low recoil torque and lomng life time forward & reverse rotation for tightening and loosening	Screw diameter : M6-M18 Torque Max : 250NM, Tool Holder : 1/2 external square rated speed : 500-1300rpm Weight : 3.2kd	1
a.	Sockets 10.11.13,17,19,22,2 4,27,universal joint			
b.				Sockets @ 2pcs each
c.				
5	Portable Eccentric Sander Model GEX 150 AC	Professional Eccentric Sander	Sanding disc dia : 150 mm Power input : 340 Watts oscillations :9000-240000pm Weight 2.1kg Weight : 4.2 kg	1
a.				
b.		40,60,80,120grit		50pcs eac

c.				
7	Jigsaw GST 25M		Cuttig Depth in steel :15 mm, depth in allumn :25mm depth in wood :80mm Power input : 670 Watts No load stroke rate : 500 to 3100 rpm Weight : 2.7 kg	1
a.	Set of metal cutting blades		T121AF/S1122VF	1 packet of each type
			T127 D	
8	Chop Saw model GCO-14-24J		Metal cutting saw	1
			DIA :355mm;bore dia:25.4mm; noload speed:3800rpm: with cutting blade	
9	Cordless Impact Wrench Sockets		Unique Premium lithion -ion technology for unbeatable battery run time ; Bosch electronics cell protection protects the battery against overload, over heating and deep discharge	1
	Sockets 10.11.13,17,19,22,2 4,27,universal joint			Sockets @ 2 pcs each

**e) TUITION KIT -CLEANING KIT**

<b>Sl. No.</b>	<b>Description</b>	<b>Technical Specification</b>	<b>Quantity (in Nos.)</b>
1	Mechanical sweeping machine	Designed for operation in both Wet & Dry areas	1no
	For Dry and Wet Dust Extraction	Smooth start, superior operating comfort	1no
		Sturdy chassis	Container Vol gross - 55 L
		Increased filter service life	Container vol (Net water content) - 43L
		Optimised for vaccuming stones and fine dust	Container vol (Net dust content) - 55L
			Dust bag volume - 21 L
			Max air flow - 61 L/sec
			Max vacuum - 248 mbar
			Filter surface - 8600 cm <sup>3</sup>
			Filter cat - BIA C (Polyster)
			Weight - 16kg
			Wheels - 4nos
a	Multipurpose nozzle	with 3 inserts	35mm
b	Paper bag		1no
			3nos
2	High pressure Washer	Compact and powerful	1no
	For pressure washing of Vehicles, Gardens floors etc	· Excellent power-to-weight ratio to complete cleaning jobs quickly	<b>Technical data: GHP 5-13 C Professional</b>
		· Crankshaft-driven brass pump with ceramic-coated pistons	Max. pressure 140 bar
			Rated power 2.300 W
			Operating pressure 130 bar
			Max. inlet temperature 50 °C

		· Variable pressure for optimal flexibility	Cable length	5 m
		· Self-intake function to pump water from buckets or storage tanks	Hose length	8 m
		· Auto-stop technology switches the motor and pump off automatically when the switch is released	Material (hose)	Cloth
			Weight (without accessories)	17 kg
			Max. flow rate	520 l/h
		· Cleaning extraction system for greater comfort	Pump system	Crankshaft
			Pistons	Ceramic-coated
			Motor type	Induction
			Lance	Variably adjustable fan spray lance (stainless steel)
			<b>Functions</b>	
			Venturi system	
			AutoStop	
			Self-intake function	
			Pressure gauge	
			Variably adjustable fan spray lance	
			Water filter (built-in)	
			Hand spray gun	



**Annexure-II**  
**BID FORM**

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To,

Officer In-charge,  
Central Purchase unit,  
NIT Srinagar.

Ref: Tender No. \_\_\_\_\_ issued under No.: NITS/CPU/ 2018/.....  
Dated..... for-----  
For .....Department

Sir,

With reference to above invitation for bids, we would like to say that we have gone through your bid document thoroughly and hence offer our competitive Technical/Price Bid in sealed envelope for the supply of various goods/equipment listed in your document.

The following documents constitute our Bid:

- Technical specification/ literature attached:- Yes/No
- Valid tax clearance certificate attached:- Yes/ No
- OEM/ Authorized Dealership / certificate attached Yes/ No
- Revenue stamp affixed. Yes/ No
- Rates covered with transparent tape:- Yes/ No
- Bid document fee deposited:- Yes/ No
- Call Deposit Receipt enclosed:- Yes/ No
- Bid price in Indian Rupees:- Yes/ No
- FOR Srinagar:- Yes/No
- Bid without correction/overwriting:- Yes/ No
- Price Bid schedule in the requisite format
- List of organization where this equipment has been supplied/Installed

Kindly feel free for any enquiries and clarifications.

Yours Sincerely

From M/S.....

Place:

Telephone No.....Email:

Date.....

**Annexure-III**

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**Price Schedule**

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<b>S. No</b>	<b>Name of equipment/ Goods /item</b>	<b>Basic cost</b>	<b>GST</b>	<b>Any other tax</b>	<b>Total unit price</b>	<b>Quantity</b>	<b>Total Price</b>
1							
2							
3							
4							
5							