



Government of India



सं/No.: D-21011/12/2018/NSTIB/Part-I/PS

भारत सरकार /Government of India

कौशल विकास और उद्यमिता मंत्रालय

Ministry of Skill Development and Entrepreneurship

प्रशिक्षण महानिदेशालय

Directorate General of Training

राष्ट्रीय कौशल प्रशिक्षण संस्थान भुवनेश्वर

National Skill Training Institute Bhubaneswar

मंचेश्वर कैंपस/Mancheswar Campus,

5 वीं और 6 वीं मंजिल NSIC-IMDC बिल्डिंग

5th & 6th Floor NSIC & IMDC Building, IDCO Plot No.06,

मंचेश्वर इंडस्ट्रियल एस्टेट, भुवनेश्वर, ओडिशा - 751010

Mancheswar Industrial Estate, Bhubaneswar Odisha - 751010

दूरभाषा/TELEPHONE NO. : 0674-2974438/98 & 0671-2394317

ई-मेल आई.डी /E-mail ID : atib-msde@gov.in

सं/No.: D-21011/12/2018/NSTIB/Part-I/PS

TENDER DOCUMENT

FOR

**PROCUREMENT OF TOOL & EQUIPMENTS FOR SOLAR
TECHNICIAN CRAFTS TRAINING SCHEME**



सं/No.: D-21011/12/2018/NSTIB/Part-I/PS
भारत सरकार /Government of India
कौशल विकास और उद्यमिता मंत्रालय
Ministry of Skill Development and Entrepreneurship
प्रशिक्षण महानिदेशालय
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राष्ट्रीय कौशल प्रशिक्षण संस्थान भुवनेश्वर
National Skill Training Institute Bhubaneswar
मंचेश्वर कैम्पस/Mancheswar Campus,
5 वीं और 6 वीं मंजिल NSIC-IMDC बिल्डिंग
5th & 6th Floor NSIC & IMDC Building, IDCO Plot No.06,
मंचेश्वर इंडस्ट्रियल एस्टेट, भुवनेश्वर, ओडिशा - 751010
Mancheswar Industrial Estate, Bhubaneswar Odisha - 751010
दूरभाषा/TELEPHONE NO. : 0674-2974438/98 & 0671-2394317
ई-मेल आई.डी /E-mail ID : atib-msde@gov.in

Dated: 22nd February, 2019

TENDER NOTICE

Subject: **PROCUREMENT OF TOOL & EQUIPMENTS FOR SOLAR TECHNICIAN TRADES UNDER CRAFTS TRAINING SCHEME.**

This institute of National Skill Training Institute Bhubaneswar invites sealed limited tenders from the manufacturers/authorized dealers/distributors for procurement of tool & equipment required for Solar Technician Trade under Craftsmen Training Scheme. The terms and conditions, Technical Bid and Financial Bid are given in Annexure II to V.

1. Sealed tenders in Annexure II to V each duly filled, signed with seal of the company should be dropped in the Tender Box available at Mancheswar Campus (5th Floor), NSIC Building (Dharmapada Bhawan) Mancheswar Industrial Estate Bhubaneswar latest by **3.30 PM on 15th March 2019**, which shall be opened by tender opening committee at **4.00 PM on 18th March, 2019** in the presence of the tenderers or their representatives having authorization letter from the Firm concerned. The tenders received after scheduled date and time due to any reason including postal delay will not be considered. All tenders should be addressed to **the Assistant Director, National Skill Training Institute Bhubaneswar, Mancheswar Campus, 5th & 6th Floor NSIC Building, IDCO Plot No.06, Mancheswar Industrial Estate, Bhubaneswar, Odisha – 751010.**

2. No conditional Tenders will be accepted and such Tenders are liable to be summarily rejected. The institute reserves the right to reject or accept any tender without assigning any reason thereto. The decision of the Director, NSTI Bhubaneswar shall be final and binding on the Tenders.

Asst. Director of Training
For Director

General Terms and Conditions

1. The tender has been invited under **two bid system i.e. Technical Bid and Financial Bid**. The interested agencies are advised to submit two separate sealed envelopes super scribing “**Technical Bid (Annex-II-V)** and “**Financial Bid (Annex –VI)** for supplying of **Tools & equipment Solar Technician**) under Craftsmen Training Scheme. Both sealed envelopes should be kept in a third sealed envelope super scribing “**Tender bid for supplying of Tools & Equipment Solar Technician**”.
2. The tenderer shall submit the following document with the bid -:
 - (i) Copy of PAN of the firm.
 - (ii) Copy of TIN No & GST number with latest clearance certificate or challans.
 - (iii) Registration No. of the Firm if any
 - (iv) Three years of experience of supplying of the said items.
 - (v) Income Tax Return for the last 3 preceding years (2015-16, 2016-17 & 2017-18)
3. Detailed specification of the model if any for which the price bid has been submitted. A written undertaking to the effect that the firm is not blacklisted by any institution/Government Department.
4. The bidder should produce the proof of Authorized dealership along with complete address.
5. The bidder should have good track record of supplying such items to Government Departments and have past experience of dealing in these items.
6. The bidder should be registered with GST and any other Central/State authorities as prescribed by law. Copy of the same should be enclosed with the tender documents.
7. The warranty/guarantee conditions shall be clearly mentioned in the tender documents by the bidder.
8. This office reserves the right to increase or decrease the actual quantity required. The Successful Bidder shall have to supply the items or execute the work (installation, testing and demonstration) within 15 days after issue of award letter.
9. The interested bidders can visit the office to understand the scope of work, site of work etc during office hours on any working day from the date of issue of tender to the date of submission of tender.
10. The rates quoted in financial Bid should be inclusive of all charges such as cartage, loading, unloading etc. but excluding GST and other taxes if any. The price/rate should be valid for 90 days from the date of opening of the tender.
11. No advance payment will be made. The Agency is required to submit a Bill for payment after completion of supply of goods and execution of work.

12. The rates should be quoted in figures and words. In case of mismatch between two, the rates quoted in words will be considered.
13. The rates should be quoted excluding taxes. The taxes as applicable from time to time will be paid extra. The lowest tender will be decided on the basis of rates (excluding taxes) mentioned in Financial Bid.
14. The Technical Bid, Financial Bid along with duly accepted terms and conditions should be submitted in prescribed Proforma without addition, alteration and corrections. All cutting and overwriting should be duly attested under signature and seal of the company. No conditional tender will be accepted.
15. Installation, Demonstration & Training to be provided by selected bidder at NSTI Bhubaneswar (Mancheswar Campus) within one week after supply.

Encl : As stated above.

Assistant Director of Training
For Director

Copy to : E-publishing through MSDE Web site.

For Director

SUBMISSION OF FIRM DETAILS

Sl. No	Particulars	Details to be filled by the organization
01.	Name of the firm (Tel./Mob. Nos)	
02.	Office Address Telephone Number Fax Number e-mail	
03.	Contact Person(s) (Tel./Mob. Nos)	
04.	GST Registration No.	
05.	PAN	
06.	e-mail Income Tax return of last three years	
08.	Past performance Certificate issued during last three years.	

Authorized Signature of Supplier with stamp

TECHNICAL BID

LIST OF TRAINEES TOOL KIT FOR SOLAR TECHNICIAN

Sl. No.	Brief Description of Item	Quantity	Offered specification
01.	Measuring Steel Tape (5 meter)	17 Nos.	
02.	Combination Plier Insulated 200 mm	17 Nos.	
03.	Screw Driver Insulated 4mm X 150mm, Diamond Head	17 Nos.	
04.	Screw Driver Insulated 6mm x 150mm	17 Nos.	
05.	Electrician screw driver thin stem insulated handle 4mm X 100mm	17 Nos.	
06.	Heavy Duty Screw Driver insulated 5mm X 200mm	17 Nos.	
07.	Electrician screw driver thin stem insulated handle 4mm X 250mm	17 Nos.	
08.	Punch Centre 9mm X 150mm	17 Nos.	
09.	Knife Double Bladed Electrician 100 mm	17 Nos.	
10.	Neon Tester 500V	17 Nos.	
11.	Steel Rule Graduated both in Metric and English Unit 300 mm with precision of 1/4th mm	17 Nos.	
12.	Hammer, cross peen with handle	17 Nos.	

LIST OF SHOP TOOLS& EQUIPMENT FOR SOLAR TECHNICIAN

Sl. No.	Brief Description of Item	Quantity	Offered specification
01.	Electrical Symbol and Accessories Charts	04 Nos.	
02.	Pipe vice Cast Iron with hardened jaw open type 100mm	02 Nos.	
03.	Hand Vice 50 mm jaw	02 Nos.	
04.	Table Vice 100 mm jaw	02 Nos.	
05.	Hacksaw frame (with blade) Adjustable 300mm Fixed 150 mm	02 Nos.	
06.	File flat 200 mm 2 nd cut with handle	02 Nos.	
07.	File half round 200 mm 2 nd cut with handle	02 Nos.	
08.	File round 200 mm 2 nd cut with handle	02 Nos.	
09.	Pliers long nose insulated 150 mm	04 Nos.	
10.	Pliers flat nose insulated 200 mm	04 Nos.	
11.	Pliers, round nose insulated 100 mm	04 Nos.	
12.	D.E. metric Spanner Double Ended 6 - 32 mm	02 Sets	
13.	Gauge, wire imperial stainlees steel marked in SWG & mm Wire Gauge - Metric	02 Nos	
14.	Portable Electric Drill Machine 0-12 mm capacity 750W, 240V with chuck and key	01 No	
15.	Crimping Tool 1.5 sq mm to 16 sq mm	01 No	
16.	Crimping Tool 16 sq mm to 95sq mm	01 No	
17.	Pliers Side Cutting 150 mm	02 Nos	
18.	Wire stripper adjustable length	02 Nos	
19.	Hammer, ball peen With handle	02 Nos	
20.	Scriber (Knurled centre position)	02 Nos	
21.	Tool kit Box/bag portable	05 Nos	
22.	Allen Key	01 Sets	
23.	Scissors blade 150 mm	02 Nos	
24.	Electrical loads: set of Incandescent lamp, Tube light, CFL, LED light, Heater and Geyser	02 Nos	
25.	Torque wrench 8N-m to 15N-m	01 Sets	
26.	Pipe Cutter to cut pipes upto 5 cm. Dia	01 No	
27.	Pipe Cutter to cut pipes above 5 cm dia	01 No	
28.	Try Square 150 mm blade	02Nos.	
29.	Multi Meter (analog) 0 to 1000 M Ohms, 2V to 500 V, 100 Micro A to 10A DC and AC	01 No	

Contd.....2/-

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30.	Load Bank (variable) Up to 1.2 KW (Lamp / heater Type)	01 No	
31.	Wire Cutter and Stripper 150 mm	04 Nos	
32.	Earth Plate 60cm X 60cm X 3.15mm Copper Plate	01 No	
33.	Earth Plate 60cm X 60cm X 6mm GI Plate	01 No	
34.	Earth Electrode Primary Electrode 2100x28x3.25mm Secondary Cu Strip 20x5mm	01 No	
35.	Out Side Micrometer 0 - 25 mm least count 0.01mm	02 Nos	
36.	Tap set Different size	02 Sets each	
37.	Trolley for Transportation of Batteries	02 Nos	
38.	Die for Threading Different sizes	02 Sets	
39.	Rooftop Mounting Structure For 4 x 250 W solar panels mounting practice, with tilt adjustment	02 Sets	
40.	Electrical wiring and switch gear rack Electrical control elements suitable for practice of control circuits using V	01 Nos	
41.	Protective relays and contactors rack suitable for practice of control circuits using banana plugs and V	01 Nos	
42.	MCCB 100Amps, Triple pole	01 Nos	
43.	ELCB and RCCB 25Amps, double pole And 25Amps, double pole, IΔn 30 mA	01 Each	
44.	Fuses HRC Glass Rewire Type	04 Nos each	
45.	Twisted Pair Nonmetallic Sheathed Cable Underground Feeder Cable Ribbon Cable Metallic Sheathed Cable Multi-Conductor Cable Coaxial Cable Direct-Buried Cable 1 mt each	01 No each	
46.	Solar cable (Red) 5 square mm	01 Coil	
47.	Solar cable (Black) 5 square mm	01 Coil	
48.	Three core wire (230 V, 15 A)	01 Coil	
49.	Battery cable 7.5 sq mm	01 Coil	
50.	Resin cored Solder	02 Nos	
51.	Solder wax	04 Nos	
52.	MC – 4 connector	04 Nos	
53.	Lugs 7.5 mm	04 Nos.	
54.	Hacksaw blades 200 mm, 300 mm	500 Nos each	
55.	Bolts, nuts, anchor bolts, washers,		
56.	screws, other pins, lugs etc	04 Nos	
57.	Civil work utensils spade, mixing spoon, leveling plates	02 Sets	
58.	Plumbing tools	02 Sets	

LIST OF SAFETY & PROTECTIVE EQUIPMENTS BOTH FOR SOLAR TECHNICIAN

Sl. No.	Brief Description of Item	Quantity	Offered specification
01.	Rubber Gloves	10 Pairs	
02.	Cotton Gloves	05 Pairs	
03.	Gum Boots	02 Pairs	
04.	Safety Goggles	10 Nos.	
05.	Safety Helmet	10 Nos.	
06.	First Aid Kit	02 Nos.	
07.	Fire Extinguisher CO2 2 KG	02 Nos.	
08.	Fire Buckets Standard Size	02 Nos.	

FINANCIAL BID

Sl. No	Technical Specification	Qty	Quoted Unit Rate in INR	Quoted unit rate inclusive of all the duties, taxes, commissioning and training on FOR basis	Total Amount

Authorized Signature of Supplier with stamp