

TENDER

**SUPPLY AND INSTALLATION OF
MACHINERY EQUIPMENTS AND HAND TOOLS
FOR
SURVEYOR TRADE.**

**National Small Industries Corporation Ltd.
Technical Services Centre, Howrah
P.O. Balitikuri, Japani Gate, Howrah-711 113
Tel No. 26538606, 26530304, Fax: - 091-033-26531314
Email: ntschow @nsic.co.in
Website : www.nsic.co.in**

**National Small Industries Corporation Ltd.
NSIC- Technical Services Centre, Howrah
(A Govt. Of India Enterprise)
P.O. Balitikuri, Japani Gate, Howrah-711 113**

INDEX

Sl.No.	Description	Page No.
1.	Covering Letter to Tender Document	3
2.	Notice Inviting Tender	4
3.	Instructions to the Tenderers	5
4.	Form of Tender	6
5.	Commercial and General Terms & Conditions	7
6.	List of Machines, equipments and Handtools	8-10

(Detailed Technical Specification of the Machines)



ISO 9001:2008

**National Small Industries Corporation Ltd.
NSIC- Technical Services Centre, Howrah
(A Govt. Of India Enterprise)
P.o. Balitikuri, Japani Gate, Howrah-711 113**

Ref. No. :- NTSC(H)/SURVEYOR /12-13

Dated:- 31.05.2012

M/s.

Subject : **Supply of Machines, Equipments and Handtools for Surveyor Trade.**

Dear Sir,

Tender document (**containing 10 pages**) in respect of the supply of the above-mentioned items, as detailed on **page 2 (Index)** are forwarded herewith. Please note that the sealed tenders duly filled in will be received in the office of the General Manager on or **before 06.06.2012 up to 14.00 Hrs.** The tender should be signed, dated and witnessed in all pages wherever provided for in the document and also all other pages should be signed by the Authorized Signatory.

The General Manager reserves the right to award the supply order to the tenderer. This letter shall form the part of the contract and must be signed and returned along with the tender documents.

General Manager

**National Small Industries Corporation Ltd.
NSIC- Technical Services Centre, Howrah
(A Govt. Of India Enterprise)
P.O. Balitikuri, Japani Gate, Howrah-711 113**

NOTICE INVITING TENDER

Sealed tenders are hereby invited under two bids system (Technical bid & Commercial bid) on behalf of GM, NSIC Technical Services Centre (Howrah), Balitikuri, Japani Gate, Howrah from reputed manufacturers/suppliers having supplied similar kind of **Machinery, Equipments and Handtools** as listed in page no. 8, 9 & 10 for **Surveyor Trade** so as to reach to GM, NSIC- Technical Services Centre (Howrah), Balitikuri, Japani Gate, Howrah up to 14.00 Hrs. on 06.06.2012.

- | | | |
|----|---|---|
| a) | Name of the Supply | Machinery, Equipments and Handtools for Surveyor trade |
| b) | Estimated Landed Cost at Howrah Centre | As given in the page no.8 |
| c) | Cost of Tender document | Rs. 500/- |
| d) | Delivery and Installation Period | Within 30 days from release of order |
| e) | Last date of submission of completed tender documents | 06.06.2012 up to 14.00 Hrs. |
| f) | Date of opening of Technical Bid | 06.06.2012 at 16.00 Hrs. |
1. Tender Documents may be downloaded from our web site www.nsic.co.in or may be collected from our office against payment of Rs. 500/-.
 2. The other Terms and Conditions applicable to this tender have been incorporated in the tender documents.
 3. The Competent Authority reserves the right to reject all or any tender wholly or partly without assigning any reason whatsoever.
 4. Units registered with NSIC, under GP Registration Scheme are exempted from payment of Tender document cost.
 5. No "C" & "D" Form will be issued by us.

INSTRUCTION TO THE TENDERERS

1. The Tender shall be submitted in accordance with these instructions and any tender not conforming thereto is liable to be rejected. This instruction shall form the part of the tender and contract.
2. The tender document should accompany the cost of Tender document of Rs.500/- by D.D. in favour of “**The National Small Industries Corporation Ltd., Payable at Howrah.**”
3. The tender shall be complete with all documents. The tender received without tender fee shall be rejected outright.
4. The tenders shall be submitted in two separate sealed covers in the following manner

Technical Bid – Envelope- 1

Technical bid in one sealed cover containing the forwarding letter of the tender, list of latest customers who have been supplied Plant & Machinery for similar Projects, The Customer Feed Back, detailed description of the system, catalogue containing detail technical specification, list of essential spares to be supplied, ISO certification if any, details of manufacturing facility available in-house etc. along with the Demand draft for tender fee..

Commercial Bid- Envelope- 2

One sealed cover containing Forwarding letter, complete tender document indicating ex-work price, excise duties, sales tax, other duties, Payment terms, freight, delivery period and installation charges, if any.

CRITERIA FOR QUALIFYING TECHNICALLY

The following points shall be considered for qualifying the technical bids.

1. Specification of the Tenderers must match or be nearest to our specified technical specification.
2. Offered system should comprise of latest technology.
3. Tenderers should have sufficient infrastructure to justify their competence of supplying the system. If felt necessary their infrastructure facility shall be inspected by a team of NSIC officers.
4. Tenderers must give the list of customers whom they have supplied similar sort of Plant & Machinery for similar Projects along with their address, name of the contact person and tel. no, e-mail address, Fax etc..
5. If the Tenderers has supplied machinery to NSIC earlier, should provide those details.
6. ISO Certification would give an added weight age marks.
7. **Note:** While assessing technical Competency weight age marks will be assigned for all the above parameters.



ISO 9001:2008

FORM OF TENDER

The General Manager
NSIC- Technical Services Centre
National Small Industries Corporation Ltd.
(A Govt. Of India Enterprise)
P.o. Balitikuri, Japani Gate, Howrah-711 113

Subject : Supply and Instalation of Machines, Equipments and Handtools for Surveyor Trade.

Dear Sir ,

HAVING EXAMINED AND PERUSED THE FOLLOWING DOCUMENTS

1. NOTICE INVITING TENDER
2. INSTRUCTION TO THE TENDERERS
3. FORM OF TENDER
4. TECHNICAL SPECIFICATION AND SCOPE OF SUPPLY
5. COMMERCIAL AND GENERAL TERMS AND CONDITION OF THE SUPPLY

We hereby submit our quoted rates valid for 90 days from the date of submission of tenders. Should our tender be accepted I/We agree :-

1. The tender document along with your letter of award or supply order shall constitute the bind contract between us and NSIC Technical services centre, Howrah.
2. In the event of failure to supply this item in full within the committed delivery period the order will be treated as cancelled.

SUPPLIER's SIGNATURE
Supplier Name & Seal

COMMERCIAL AND GENERAL TERMS & CONDITIONS

Price: - Price should be most competitive (EX- WORK PRICE).

Delivery and Installation Period: Within 30 days from release of Supply order if delayed 0.5% per week will be deducted from the basic price of the machine.

Validity of the Offer: - The offer should remain valid for a period of 90 days.

Guarantee Period: - The guarantee period should be minimum **one years** from the date of installation for any kind of defect, fault and malfunctioning.

Taxes and Duties: Taxes and duties if any shall be paid extra. No "C" & "D" Form will be issued.

Transit Insurance: - The machinery/ Equipment to be insured against damage during transit from the manufacturer's work to Howrah centre.

Freight: - Freight charges up to Howrah Centre should be at actual.

Packing: - The machinery/ Equipment shall be properly packed for safe arrival of the machine to Howrah centre.

Payment Terms:- In case the offer is accepted, payment would be released as under :

- (A) 50% against the arrival of the item in the Howrah centre and submission of despatch documents.
- (B) 50% balance payment within 30 days after satisfactory installation and commissioning.

Installation and Commissioning: The machines have to be commissioned and installed in Howrah centre by the manufacturer.

While quoting the rate the make of each item like motors, transformers , electrical trainer, handtools etc. to be mentioned in the offer.

**LIST OF MACHINERIES IDENTIFIED FOR SETTING UP OF
SURVEYOR TRADE AT NTSC, HOWRAH.**

Sl. No.	Name of the Tools, Equipment & Machinery as per syllabus	Rate	Quantity	Total
1	Abney level		1 No.	
2	Ammonia printing box		1 No.	
3	Box sextant		2 Nos.	
4	Boning rod		1 No.	
5	Binocular		4 Nos.	
6	Box drawing Instrument containing compass with pencil point, point divider Interchangeable, divider pen point Interchangeable, divider spring box, pen spring box, lengthening bar, pen drawing lines, screw divider Instrument, tube with leads.		34 Nos.	
7	Calculators (8 digits)		34 Nos.	
8	Chisels steel 80 mm blade		4 Nos.	
9	Computing scales two hectares		4 Nos.	
10	Computing scales five hectares		4 Nos.	
11	Card bard scales (8 in one box)		16 Nos.	
12	Celonghatracer		2 Nos.	
13	(a) Cross staff wooden box type		2 Nos.	
	(b) Cross staff wooden open type		2 Nos.	
14	Drawing board (Imperial size)		17 Nos.	
15	Drawing machine (Horizontal)		4 Nos.	
16	—do—Table		16 Nos.	
17	Engineer's chain		5 Nos.	
18	(a) Engineer s level		5 Nos.	
	(b) Dumpy level		2 Nos.	
	(c) Cokes reversible level		1 No.	
	(d) Tilting level		1 No.	
19	Erasing shield		16 Nos.	
20	French curve plastic (set of 12)		4 Nos.	
21	(a) Ferro printing frame, 450 x 600 mm		1 No.	
	(b) Ferro printing frame, 800 x 600 mm		1 No.	
22	Fire extinguisher		2 Nos.	
23	Grunters chain		5 Nos.	

SI. No.	Name of the Tools, Equipment & Machinery as per syllabus	Rate	Quantity	Total
24	Hand press for numbering and lettering		1 No.	
25	Haversacks (canvas bag for keeping tools). (Survey of India pattern)		8 Nos.	
26	Height Indicators (Survey of India Pattern).		8 Nos.	
27	Hold all canvas for instruments (S.O.I)		8 Nos.	
28	Hones in case (Survey of India)		1 No.	
29	Light tracing board fitted glass, Lamp and frame		4 Nos.	
30	Leveling staff telescopic		10 Nos.	
31	Metric chain (30 M & 20 M)		5 Nos.	
32	Magnifying glass		2 Nos.	
33	Magnet bar (for magnetizing through compass needles)		1 No.	
34	Metal tubes for keeping drawings dia. 100 mm and 1 meter long		8 Nos.	
35	Penknife		16 Nos.	
36	Protractor full circle (Plastic 150 mm dia)		16 Nos.	
37	Proportionate compass		16 Nos.	
38	Plani meter		2 Nos.	
39	Pantograph		2 Nos.	
40	Prismatic compass		5 Nos.	
41	(a) Plane table with stands with waterproof cover		4 Nos.	
	(b) Alidade		4 Nos.	
	(c) Through compass (Compass beam wooden)		8 Nos.	
	(d) Plumbing fork with bobs		8 Nos.	
	(e) Telescopic alidade		8 Nos.	
	(f) Indian pattern clinometers		8 Nos.	
42	Ranging rods 4 M		32 Nos.	
43	Off-set rod		4 Nos.	
44	Optical square		4 Nos.	
45	Railway curves		4 Nos.	
46	Scales diagonal, electroplated		1 No.	
47	Survey platting scales with off-set bits (8 in a set)		16 Nos.	
48	Stencil set in complete box.		2 Nos.	
49	Substance bar		2 Nos.	
50	Set squares. (45' & 60'. Plastic 280 mm)		34 Nos.	
51	Tapes:-			
	(a) Metallic tape 30 M		10 Nos.	
	(b) Metallic tape 20 M		10 Nos.	
	(c) Steel tape 30 M		2 Nos.	
	(d) Steel band 30 M & 20 M		2 Nos.	

Sl. No.	Name of the Tools, Equipment & Machinery as per syllabus	Rate	Quantity	Total
52	Tee square		34 Nos.	
53	Surveyors umbrella		8 Nos.	
54	a) Theodolite transit		4 Nos.	
	b) Micrometer Theodolite transit (GPS)		1 No.	
55	Traverse staff (Survey of India)		1 No.	
56	Rules Ebonite plain for drawing lines		16 Nos.	
57	Zinc tray (for washing prints)		1 No.	
58	Wooden set squares Tee-Square and compass for black board work.		1 No.	
59	Computer		1 No.	
60	Total station (Digital Theodolite) For educational purpose		1 No.	