

Administration of
Dadra & Nagar Havel, U.T
Department of Survey & Settlement

No.SRV/ACCTT/PUR./ETS INSTRUMENT/141

Date:24/02/2015

E – TENDER (ON LINE) INVITATION NOTICE NO. 1 OF 2014-2015

The Survey & settlement Officer, DNH, Silvassa invites tenders through **On-Line on [https:// dnh.nprocure.com](https://dnh.nprocure.com)** from the eligible Firm for the purchase of Electronic Total Station/A0 size Multi-function Plotter.

Sr. No.	Name of work	Tender ID No.	Apprx. Estimated cost of Project	Earnest Money. (₹.)	Tender fees Non refundable	Numbers of calls.	Time Limit.
1.	Purchase of Electronic Total Station and A0 size Plotter (Three in one)	169537	21.50 lakhs	53,750/-	5000/-	1st call	10 days
* On line downloading starting of Tender						26/02/2015	
Last date of downloading of tender document						05/03/2015	
* Online submission of Tender						05/03/2015 15.00 Hrs.	
Physical submission of Technical Document as per RFP						09/03/2015 16.00 Hrs.	
• On line Tech bid Opening.						09/03/2015 12.00 Hrs.	
• On line Opening of Price Bid.						09/03/2015 13.00 Hrs.	
* Bidders have to submit price bid in Electronic Format only on https:// dnh.nprocure.com website till the last date and time for submission. Price Bid in physical format shall not be accepted in any case.							
* The Tender form along with all details including schedules and terms and conditions can be downloaded from the website https:// dnh.nprocure.com . The tender fees (Non- refundable) in form of DD/FDR in favor of undersigned may be kept in Bid along with mandatory documents.							
Submission of tender fees & EMD in form of DD/FDR, ST/CST/VAT Registration number with certificates PAN Card No. etc these are the mandatory documents required to be uploaded and hard copy of above mentioned documents shall be submitted to the tender inviting authority by RPAD/Speed Post/Courier. The Tender Inviting Authority shall not be responsible for any delay or loss of documents. The said documents can also be deposited in the office of the undersigned in person. In case the bidder/s not enclosed any of above documents, he/she/they will be disqualified and the price bid shall not be opened.							
The Tender inviting Authority reserves the right to accept or reject any or all the tender to be received without assigning any reasons thereof.							
Bidder shall have to post their queries on E-mail Address: lro2-dnh@nic.in or before dated 05/03/2015 up to 15.00 hrs Contact No. 0260-2640835							
In case bidder needs any clarification or if training required of participating in online tender, they can contact the following office:- “(n) Code Solution-A Division, GNFC Ltd” 403, GNFC Info Tower, Bodakdev, Ahmedabad-380054, Gujarat (India) E-Mail:- nprocure@gnvfc.net Fax: +91 79 26857321 Website : www.nprocure.com							

Sd/-
Survey and Settlement Officer
Dadra and Nagar Haveli,
Silvassa.

Copy to:

1. All Head of Office, for vide publicity.
2. C.P.O. for vide publicity.
3. National Information Centre, Silvassa for vide publicity through Internet on web site www.dnh.nic.in.

TENDER DOCUMENT**1. INTRODUCTION:**

For and on behalf of The Survey & Settlement Officer, Union Territory of Dadra & Nagar Haveli invites tenders through **On-Line** on <https://dnh.nprocure.com> for procurement of 1 nos. Total Stations and 1nos A0 size Plotter (All in one). The offer should be made as per the specified E-tender Performa only. The physical submission contained in the tender document and should be addressed to The Survey & Settlement Officer, Dadra & Nagar Haveli, Silvassa.

VALIDITY OF TENDER

The tender must remain valid for 180 days (six months) from the date of opening of tenders. The tender document shall be submitted separately for each items.

TECHNICAL SPECIFICATION

The technical specifications of Total Station Instrument and Plotter has given in Annexure 'B'.

INSPECTION

In case of defective supply due to latent manufacturing defects, the same has to be removed and replaced at the supplier's cost. All the expenses borne by the Indenters, due to this reason are to be met by the supplier.

WARRANTY

The supplier will replace the defective material, free of cost, if noticed within the Warranty period. The Warranty Certificate, as per specimen enclosed at Appendix '(i)', is also to be submitted duly signed along with the tender.

GUARANTEE

The instrument should have functional guarantee at least for 1 year from the date of completion of training to Survey & Settlement Office staffs of Dadra & Nagar Haveli. During the period of warranty a bank guarantee of 25% of the cost of the instruments valid for the duration of warranty is required to be submitted. The order shall only be placed after the receipt of Bank Guarantee from short listed tenderer.

SERVICE MANUAL

Service manual with circuit diagram will have to be provided with the instrument.

TRAINING

The rates quoted should be inclusive of installation & training charges. The Training will have to be imparted to DNH Land Record staff at two selected locations in DNH by the supplier free of cost for 7 days at each selected site for Total Station. In case of Plotter, the supplier shall have to provide minimum 2 days of free of cost training in the office of Survey & Settlement, Silvassa.

xiv) For general terms and conditions of supply, please see Annexure 'C'.

- xvi) Please note that late tenders / delayed tenders or postal delayed tenders will not be considered at all.
- xviii) The Survey & Settlement Officer the right to reject/cancel all or any tender without assigning any reason thereof.
- xviii) The Survey Settlement Officer Reserves the right to Change any clause of tender before the opening of technical bid.

ANNEXURE 'A'**THE FOLLOWING DOCUMENTS/INFORMATION MAY ALSO BE FURNISHED IN SUPPORT OF THE TENDER:-****1. EARNEST MONEY**

Earnest Money of fixed amount Rs.25,000 (Twenty Five thousand only) in Indian currency for Total Station and Plotter respectively in the shape of Bank Draft / Fixed Deposit Receipt valid for six months of any Nationalised Bank made in favour of the " **Survey & Settlement Officer, Dadra & Nagar Haveli, Silvassa** " should be submitted along with the PHYSICAL DOCUMENT. Shortfall in amount of Earnest Money or tenders received without Earnest Money will result in rejection of the offer.

2. SECURITY DEPOSIT

Successful tenderer will have to furnish Security Deposit @ 25% value of the order/contract for both Total Station and Plotter in the shape of fixed Deposit receipt / Bank Draft / Bank Guarantee of any Nationalised Bank as per Appendix - V in favour of " **Survey & Settlement Officer, Dadra & Nagar Haveli, Silvassa** valid for 15 months, from the date of letter of intent with a provision of its further extension / revalidation up to the period of one year from the date of completion of site acceptance test or up to the warranty (including extended warranty) period, whichever is later. An Agreement is also to be signed by the Indian Agent on behalf of foreign supplier at their cost on non-judicial stamp paper of Rs.100/- as per specimen at Appendix –(ii). To ensure that purchased instruments is maintained seriously by the successful tenderer, the supplier has to submit a Bank guarantee for 10% of the total cost of equipment including taxes.

3. DELIVERY PERIOD

The items will be supplied / installed within 10 days from the date of firm supply order. A penalty of 0.5% per week maximum up to 5% shall be levied if instruments are not supplied within stipulated period of 6 weeks. If delay is more than 5 weeks, the Survey & Settlement Officer may at his discretion cancel the order and EMD shall be forfeited.

4. PACKING

The main Equipment / Instrument, in question, is required to be securely packed as per B.I.S. (ISI) standard trade practices to avoid damages to the consignment in transit. The packing charges should be included in the break-up details of cost.

5. INSURANCE

The consignment is required to be dispatched to the consignee, duly insured for transit insurance for all risks from the consigner's Warehouse to the consignee's Warehouse upto final destination till the erection/installation of the main Equipment / Instrument. The insurance charges should be included in the break up details of cost.

6. **TRANSPORTATION CHARGES**

The transportation charges should be pre-paid for delivery of consignment to the consignee on Door Delivery Basis and should be included in the break-up details of cost.

7. **PAYMENT**

Towards cost of equipment:

90% payment will be made within thirty days from the date of installation & commissioning / acceptance of the main Equipment / Instrument. No request for advance payment, payment against delivery or payment through Bank against dispatched documents will be considered. Balance 10% shall be paid after the completion of training and receipt of Bank Guarantee as indicated above in para 2.

TECHNICAL SPECIFICATIONS FOR THE PROCUREMENT OF ELECTRONIC TOTAL STATION

Critical Specifications (If there is variation in the specifications instrument can be summarily rejected)

Specifications Distance Measurement	
MAKE	Trimble/Lica/Sokia/Topcon or equivalent.
Reflector less mode (white target)	1.5 m to 300 m (4.9 ft to 984 ft)
Range with Nikon specified prisms	Good conditions (No haze, visibility over 40 km (25 miles))
With reflector sheet 5 cm x 5 cm (2 in x 2 in), With single prism 6.25 cm (2.5 in)	1.5 m to 300 m (4.9 ft to 984 ft) 1.5 m to 5,000 m (4.9 ft to 16,404 ft)
Accuracy (Precise mode)	
Prism	$\pm (3+2 \text{ ppm} \times D) \text{ mm}$
Reflectorles	$\pm (3+2 \text{ ppm} \times D) \text{ mm}$
Precise mode	1.5
Normal mode	0.8 sec
Least count	
Precise mode	1 mm(0.002 ft)
Normal mode	10 mm (002ft)
Angle Measurement	
DIN 18723 accuracy (horizontal and vertical)	5"/1.5 mgon
Reading system	Absolute encoder
Absolute encoder	62 mm(2.4 in)
Horizontal / vertical angle	Dementrical
Minimum increment(Degree, Gon, MIL6400)	Degree: 1/5/10" Gon: 0.2/1/2 mgon, Mil6400:0.005/0.02/0.05 mil
Telescope	
Tube length	125 mm (4.9 in)
Image	Erect
Magnification	30x (18x/36x with optional eyepieces)
Effective diameter of objective	45 mm (1.8 in)
EDM diameter	50 mm (2.0 in)
Field of view	1°20'
Resolving power	3"
Minimum focusing distance	1.5 m (4.9 ft)
Laser Pointer	Coaxial Red Light
Tilt Sensor	

Type	Dual- axis
Method.	Liquid-electric detection
Compensation range	$\pm 3.5'$
Communications	
Communication ports	1 x serial (RS-232C), 2 x USB (host and client)
Wireless communications	Integrated Bluetooth
Power	
Internal Li-ion battery (x2)	
Output voltage	3.8 V DC
Operating time	
Approximately 7.5 hours	
Approx 16 hours (distance/angle measurement every 30 seconds)	
Approx 20 hours (continuous angle measurement)	
Charging time	
Full charge	4 hours
General Specifications	
Level vials	
Sensitivity of circular level vial	10'/2 mm
Optical plummet	
Image	Erect
Magnification	3 x
Field of view	5°
Focusing range	0.5 m (1.6 ft) to ∞
Display face 1	QVGA, 16 bit color, TFT LCD, backlit (320x240 pixels)
Display face 2	Backlit, graphic LCD (128x64 pixels)
Laser plummet (optional)	4 levels
Memory	128 MB RAMS 128 MB Flash memories
Processor	Marvell PXA300 XScale 624 MHz
Dimensions (W x D x H)	(5.8 in 5.7 in x12.0 in)
Environmental	
Operating temperature range	-20 °C to +50 °C (-4 °F to +122 °F)
Storage temperature range	-25 °C to +60 °C (-13 °F to +140 °F)
Atmospheric correction	
Temperature range	-40 °C to +60 °C (-40 °F to +140 °F)
Barometric pressure	400 mm Hg to 999 mmHg/533 hPa to 1,332 hPa/15.8 inHg to 39.3 inHg
Dust and water protection	IP66
Certification	
Class B part 15 FCC certification, CE Mark approval C- Tick	
Laser safety IEC 60825-1 am2:2007	
Reflector less/ Prism mode:	
Class 1 laser	
Laser pointer: Class 2 laser	
Laser Plummet (optional): Class 2 laser	

ACCESSORIES TO BE SUPPLIED:-

1. 1 No. Wooden Tripod, heavy duty good Quality.
2. 2 Nos. Prism, Holder, Target Plate tilting type.
3. 2 Nos. Prism Pole, minimum length 2 mtrs, telescopic.
4. 2 Nos. Batteries.
5. 1 No. Charger for Battery.
6. Data downloading Cables.

TRAINING : 7 days training per Total Station at site.

WARRANTY : 12 months or more

Specification not critical but will have cost advantage for the instruments having better features

15. **Key Board and Display/Instrument Control unit** :

- | | |
|--------------|--|
| (a) Display | On both faces(Instruments having identical display on both faces will have 1% cost advantage over the instruments having un-identical display on both faces |
| (b) Keyboard | = QWERTY/Virtual keyboard (Instruments having both key boards will have 2% cost advantage over instruments having one type of key board). |

TECHNICAL SPECIFICATION FOR Multi- Function Printer

PRINT	
Make:-	H.P./Cannon/Epson/RICOH or equivalent.
Speed:-	3.2 ppm-Speed Priority Mode A1 LEF Black and White. 1.1 ppm- Speed Priority Mode A1 LEF Color.
Ink cartridge colors:-	GELJET pigment-based-C,M,Y,K (waterproof ink)
Ink drop:-	4 to 6 pico liter
Print Resolution	Upto 1200 X 1200 dpi and above
Printing Area:-	44 inch(A0 Size)
SCAN	
Scan speed Color:-	2.6 cm/sec (2 in/sec)
Black & White scale:-	8 cm/sec (6 in/sec)
Scan/copy resolution	Up to 600 dpi
Maximum scan size:-	1067 mm (42 in)
Maximum scan thickness	15.2 mm (0.6 in)
COPY	
Reduction/enlargement:-	25 to 400% by 0.1%
Maximum copies:-	1 to 99 copies
Copier settings:-	Tale copy, photo(glossy, printed photo & copied photo)
Memory	3 GB Virtual, 250 GB Hard disk
Connectivity	Printer: Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, E IO Jet direct accessory slot Scanner: Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, FireWire (IEEE-1394a complaint)
Dimension : MFG / Shipping	1900 X1000 X1600 mm (74.8 X39.4X63 in) 1930 X 766 X1529 mm (75.98 X 30.16 X 60.2 in)
Cloud Printing & Sharing	Yes
USB printing	Yes
General Conditions	
Windows 7/8 certified	

GENERAL TERMS AND CONDITIONS OF SUPPLY**1. QUALIFICATION CRITERIA**

- (i) The bidder shall be a manufacturer or agent/dealer/distributor of the manufacturer, who has designed, manufactured, supplied, erected, commissioned equipment/instrument of similar type and are in successful operation in other National/international scientific organizations for two years on the date of bid opening (Submit documentary evidence along with registration details)
- (ii) The bidder shall furnish details of supplies made in the last 2 years to the different organizations in India along with the user's certificate regarding satisfactory functioning of the equipment/instrument. It should have sold same or similar instruments for 1.5 crores for last two years in the country(Submit documentary evidence)
- (iii) The purchaser may, if required, see the demonstration of the equipment / Instrument installed in other scientific organizations located nearby Silvassa to verify whether the bidder meets the accuracy criteria as indicated in the technical specifications. Bids which do not meet the criteria will be treated as technically non-responsive.
- (iv) The bidder should not have been blacklisted by central/state Government departments or should not found indulged in any unethical practice. (A notarized undertaking on Rs. 100/- stamp paper should be submitted to this effect).
- (v) The bidder should submit last three years turn over details, copy of PAN card and TIN No. etc. failing which their bids shall not be considered.

2. FORMAT AND SIGNING OF BID

- (i) The bid shall be typed or written in English language only, in indelible ink and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the Contract. The letter of authorization shall be indicated by written power-of-attorney accompanying the bid. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.
- (ii) The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

3. ADDITIONAL QUESTIONNAIRE FOR TENDER ENQUIRIES

- (a) Please confirm that you will forward in advance one copy of each of installation, operation and maintenance instructions and diagrams in English, in case contract is awarded and order placed with you.
- (b) Please indicate, in a separate sheet, duly signed by you, full information in respect of the output that you obtained from the machine you have offered; and also that you guarantee for the performance of the machine under the normal conditions and also that you will demonstrate guaranteed output after installation of the machine.

- (c) Please attach lists duly signed by you, for such spare parts and tools as are absolutely essential for proper maintenance and operation of machine for a period of ten years (in the case of Electronic and Optical Spare Parts) and 5 years (in the case of Electronic and Mechanical Spare Parts) giving full particulars of the spare parts and tools with the price of each spare part and tool separately.
- (d) **Please confirm that you have adequate servicing and spare parts facilities in India** in respect of the equipment/instrument tendered for by you or that you will arrange to provide such facilities simultaneously with the supply of the equipment/instrument.

WARRANTY CERTIFICATE

We warrant that everything to be supplied by us hereunder shall be brand new, free from all defects and faults in material, workmanship and manufacture and shall be of the highest grade & quality and consistent with the established and generally accepted standards for material of the type ordered, shall be in full conformity with the specifications/drawings of samples if any and shall operate properly. We shall be fully responsible for its efficient operation.

In case of any latent defect or inconsistency due to poor manufacturing/repair & overhaul of the equipment/instrument, or defective supply not conforming to the specifications if observed at the time of final inspection and thereafter within 12 months from the date of acceptance, we undertake the guarantee to repair/supply free of cost the defective items up to the final destination and the inland expenses borne by the indenter, will be at our cost.

The warranty shall survive inspection and payment for and acceptance of the goods but shall expire (except in respect of complaints of which the contractor has been notified prior to such date) twelve months after their successful acceptance by the purchaser.

SEAL of manufacturer/supplier Enterprises

Date.....

Signature

Name & address of manufacturer / supplier

AGREEMENT

An agreement made this day of
 BETWEEN.....

..... (hereinafter called the contractor which expression shall include his legal representatives) of the one part and the Administration of UT of DNH (hereinafter called the Government) of the other part and WHEREBY the contractor agrees to supply to the DNH Survey & Settlement Department (hereinafter called DNHSSD) the under mentioned articles at cost mentioned against them :-

Name of Articles	Rate	Total Cost
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and on the terms and conditions hereinafter mentioned:-

- a) That all stores shall be delivered free at by
- b) That all stores supplied shall be new and of good quality and in exact accordance with the sample submitted.
- c) That the inspection of the stores shall be carried out by the himself or by a Gazetted Officer deputed by him at the place mentioned in Para (a) above and that the stores rejected must be removed by the contractor within a week from the date of rejection. All stores not accepted shall lie at the risk of the contractor. If not removed within the period specified above the shall have the right to dispose of such stores as he thinks fit at the risk of the contractor and on his account or if he prefers to charge him rent for the space occupied by same.
- d) That the time of delivery stated above shall be of the essence of the contract and should the contractor fail to deliver the whole/any part of the stores within the period specified in clause (a) and as per the sample the shall have the right to forfeit the deposit mentioned in clause (f) and to purchase the stores elsewhere which the contractor has failed to deliver as aforesaid at the expenses of the contractor and the contractor will be liable to pay such further sum as will be sufficient to meet the difference of cost between the rates tendered and those at which the purchases are actually made should they be higher. This is without prejudice to action being taken under clause (h) thereof.
- e) That the shall have full power to reject the whole or any part of the stores which to the true intent and meaning is not in exact accordance with the approved sample and that his decision shall be final.

- f) That the contractor will deposit a sum of Rs. as security for compliance with the terms and condition of this contract.
- g) That the contractor will be entirely responsible for the execution of this contract in all respect in accordance with the conditions of this contract and shall not assign or sub-let the same.
- h) If the contractor becomes insolvent or he or his Agent offers any bribe in connection with the contract or the contractor fails to observe or perform any condition of this contract, then notwithstanding any previous waiver of such default or action being taken under any other clause hereof the, may on behalf of the Government terminate the contract and forfeit the said deposit and recover from the contractor any loss suffered by the Government on account of the contract being terminated.
- i) If any dispute or difference shall arise including this contract the settlement of which is not hereinbefore provided for the same shall be referred to the arbitration of the Financial Secretary of UT of DNH and if he is unable or unwilling to act as arbitrator to the arbitration, of any person nominated by him in writing and the decision of such arbitrator shall be final and binding on the parties to this contract.

In Witness whereof the parties have hereunto set their hands the day and year first above written.

Signed by the said contractor

In the presence of:-

1st Witness

Address

2nd Witness

Address

Signed by the said for and on behalf of the

Administration of UT of DNH

In the Presence of:-

1st Witness

Address

2nd Witness

Address

BANK GUARANTEE BOND

In consideration of the Administration of DNH (hereinafter called “the Government”) having agreed to exempt _____ (hereinafter called “the said Contractor(s)”) from the demand, under the terms and conditions of an Agreement dated _____ made between _____ and _____ for supply of Total Stations equipment (hereinafter called “the said Agreement”). of security deposit for the due fulfillment by the said contractor(s) of the terms and conditions contained in the said Agreement, on production of a Bank Guarantee for Rs. _____ (Rupees _____ only). We, (indicate the name of the bank) _____ (hereinafter referred to as “the Bank”) at the request of _____ Contractor(s) do hereby undertake to pay to the Government an amount not exceeding Rs. _____ against any loss or damage caused to or suffered or would be caused to or suffered by the Government by reason of any breach by the said contractor(s) of any of the terms or conditions contained in the said Agreement.

2. We (indicate the name of the Bank) _____ do hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on a demand from the Government stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Government by reason of breach by the said Contractor’s) failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability, under this Guarantee shall be restricted to an amount not exceeding Rs. _____.

3. We undertake to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) supplier(s) in any suit or proceeding pending before any court or Tribunal relating thereto: our liability under this Guarantee being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.

4. We, (indicate the name of the Bank) _____ further, agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till _____ office/ Department / Ministry of _____ certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said contractor(s) and accordingly discharge this Guarantee. Unless a demand or claim under this Guarantee is made on us in writing on or before the _____ we shall be discharged from all liability under this Guarantee thereafter.

5. We, (indicate the name of the Bank) _____ further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for anytime or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor or for any forbearance, act or commission on the part of the Government or any indulgency by the Government to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s) / Supplier(s).

7. We, (indicate the name of the Bank) _____ lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Government in writing:

Dated the _____ day of _____ for _____ (indicate the name of the Bank)

PRICE SCHEDULE

S.NO	Particulars	Quantity	Amount (in Rs)
1.	Electronic Total Station	1	
2.	A0 Size plotter (Three in one)	1	
Total			